



h-index
117

N	Year	Document Title	Authors	Journal Title	Cites
1	2001	Natural antioxidants from residual sources	Moure A., Cruz J.M., Franco D., Manuel Dominguez J., Sineiro J., Dominguez H., Nunez M.J., Carlos Parajo J.	Food Chemistry	1343
2	2004	Behavior of pharmaceuticals, cosmetics and hormones in a sewage treatment plant	Carballa M., Omil F., Lema J.M., Llompart M., Garcia-Jares C., Rodriguez I., Gomez M., Ternes T.	Water Research	1284
3	1995	Surface Tension of Alcohol + Water from 20 to 50 °C	Vazquez G., Alvarez E., Navaza J.M.	Journal of Chemical and Engineering Data	901
4	2009	Complete dissolution and partial delignification of wood in the ionic liquid 1-ethyl-3-methylimidazolium acetate	Sun N., Rahman M., Qin Y., Maxim M.L., Rodriguez H., Rogers R.D.	Green Chemistry	841
5	2007	The third evolution of ionic liquids: Active pharmaceutical ingredients	Hough W.L., Smiglak M., Rodriguez H., Swatloski R.P., Spear S.K., Daly D.T., Pernak J., Grisel J.E., Carliss R.D., Soutullo M.D., Davis Jr. J.H., Rogers R.D.	New Journal of Chemistry	687
6	2007	Evaluation of activity and inhibition effects on Anammox process by batch tests based on the nitrogen gas production	Dapena-Mora A., Fernandez I., Campos J.L., Mosquera-Corral A., Mendez R., Jetten M.S.M.	Enzyme and Microbial Technology	494
7	2016	Towards a standardization of biomethane potential tests	Holliger C., Alves M., Andrade D., Angelidaki I., Astals S., Baier U., Bougrier C., Buffiere P., Carballa M., De Wilde V., Ebertseder F., Fernandez B., Ficara E., Fotidis I., Frigon J.-C., De Lacroix H.F., Ghasimi D.S.M., Hack G., Hartel M., Heerenklage J., Horvath I.S., Jenicek P., Koch K., Krautwald J., Lizasoain J., Liu J., Mosberger L., Nistor M., Oechsner H., Oliveira J.V., Paterson M., Paus A., Pommier S., Porqueddu I., Raposo F., Ribeiro T., Pfund F.R., Stromberg S., Torrijos M., Van Eekert M., Van Lier J., Wedwitschka H., Wierinck I.	Water Science and Technology	472
8	2005	Effect of solvent, temperature, and solvent-to-solid ratio on the total phenolic content and antiradical activity of extracts from different components of grape pomace	Pinelo M., Rubilar M., Jerez M., Sineiro J., Nunez M.J.	Journal of Agricultural and Food Chemistry	430
9	2006	Temperature and composition dependence of the density and viscosity of binary mixtures of water + ionic liquid	Rodriguez H., Brennecke J.F.	Journal of Chemical and Engineering Data	423
10	2013	Life cycle assessment applied to wastewater treatment: State of the art	Corominas L., Foley J., Guest J.S., Hospido A., Larsen H.F., Morera S., Shaw A.	Water Research	404
11	2006	Functionality of oilseed protein products: A review	Moure A., Sineiro J., Dominguez H., Parajo J.C.	Food Research International	398
12	2011	Biochemical methane potential (BMP) of solid organic substrates: Evaluation of anaerobic biodegradability using data from an international interlaboratory study	Raposo F., Fernandez-Cegri V., de la Rubia M.A., Borja R., Beline F., Cavinato C., Demirel G., Fernandez B., Fernandez-Polanco M., Frigon J.C., Ganesh R., Kaparaju P., Koubova J., Mendez R., Menin G., Peene A., Scherer P., Torrijos M., Uellendahl H., Wierinck I., de Wilde V.	Journal of Chemical Technology and Biotechnology	393
13	2011	Where are ionic liquid strategies most suited in the pursuit of chemicals and energy from lignocellulosic biomass?	Sun N., Rodriguez H., Rahman M., Rogers R.D.	Chemical Communications	372
14	2010	Removal of Pharmaceutical and Personal Care Products (PPCPs) under nitrifying and denitrifying conditions	Suarez S., Lema J.M., Omil F.	Water Research	372
15	2005	Propionate oxidation by and methanol inhibition of anaerobic ammonium-oxidizing bacteria	Guyen D., Dapena A., Kartal B., Schmid M.C., Maas B., Van De Pas-Schoonen K., Sozen S., Mendez R., Op Den Camp H.J.M., Jetten M.S.M., Strous M., Schmidt I.	Applied and Environmental Microbiology	355
16	2008	Minimizing losses in bio-electrochemical systems: The road to applications	Clauwaert P., Aelterman P., Pham T.H., De Schampelaire L., Carballa M., Rabaey K., Verstraete W.	Applied Microbiology and Biotechnology	350
17	2009	Source identification of heavy metals in pastureland by multivariate analysis in NW Spain	Franco-Uria A., Lopez-Mateo C., Roca E., Fernandez-Marcos M.L.	Journal of Hazardous Materials	343

18	2005	Biomarkers for in situ detection of anaerobic ammonium-oxidizing (Anammox) bacteria	Schmid M.C., Maas B., Dapena A., Van De Pas-Schoonen K., Van De Vossenberg J., Kartal B., Van Niftrik L., Schmidt I., Cirpus I., Kuenen J.G., Wagner M., Sinnighe Damste J.S., Kuypers M., Revsbech N.P., Mendez R., Jetten M.S.M., Strous M.	Applied and Environmental Microbiology	340
19	2008	How are pharmaceutical and personal care products (PPCPs) removed from urban wastewaters?	Suarez S., Carballa M., Omil F., Lema J.M.	Reviews in Environmental Science and Biotechnology	330
20	1992	Biodegradation of polycyclic aromatic hydrocarbons by new isolates of white rot fungi	Field J.A., De Jong E., Costa G.F., De Bont J.A.M.	Applied and Environmental Microbiology	325
21	2011	Demonstration of chemisorption of carbon dioxide in 1,3-dialkylimidazolium acetate ionic liquids	Gurau G., Rodriguez H., Kelley S.P., Janiczek P., Kalb R.S., Rogers R.D.	Angewandte Chemie - International Edition	316
22	2007	Fate of pharmaceutical and personal care products (PPCPs) during anaerobic digestion of sewage sludge	Carballa M., Omil F., Ternes T., Lema J.M.	Water Research	310
23	2017	Rutin: A review on extraction, identification and purification methods, biological activities and approaches to enhance its bioavailability	Gullon B., Lu-Chau T.A., Moreira M.T., Lema J.M., Eibes G.	Trends in Food Science and Technology	309
24	2010	Aggregate size and architecture determine microbial activity balance for one-stage partial nitrification and anammox	Vlaeminck S.E., Terada A., Smets B.F., De Clippeleir H., Schaubroeck T., Bolea S., Demeestere L., Mast J., Boon N., Carballa M., Verstraete W.	Applied and Environmental Microbiology	306
25	2008	Short- and long-term effects of temperature on the Anammox process	Dosta J., Fernandez I., Vazquez-Padin J.R., Mosquera-Corral A., Campos J.L., Mata-Alvarez J., Mendez R.	Journal of Hazardous Materials	305
26	1993	Screening for ligninolytic fungi applicable to the biodegradation of xenobiotics	Field J.A., de Jong E., Feijoo-Costa G., de Bont J.A.M.	Trends in Biotechnology	305
27	2008	Antioxidant activity and phenolic content of chestnut (<i>Castanea sativa</i>) shell and eucalyptus (<i>Eucalyptus globulus</i>) bark extracts	Vazquez G., Fontenla E., Santos J., Freire M.S., Gonzalez-Alvarez J., Antorrena G.	Industrial Crops and Products	293
28	1988	Characteristics of landfill leachates and alternatives for their treatment: A review	Lema J.M., Mendez R., Blazquez R.	Water, Air, and Soil Pollution	277
29	2008	Testing the assertion that 'local food is best': the challenges of an evidence-based approach	Edwards-Jones G., Mila i Canals L., Hounsome N., Truninger M., Koerber G., Hounsome B., Cross P., York E.H., Hospido A., Plassmann K., Harris I.M., Edwards R.T., Day G.A.S., Tomos A.D., Cowell S.J., Jones D.L.	Trends in Food Science and Technology	266
30	2016	Monitoring and diagnosis of energy consumption in wastewater treatment plants. A state of the art and proposals for improvement	Longo S., d'Antoni B.M., Bongards M., Chaparro A., Cronrath A., Fatone F., Lema J.M., Mauricio-Iglesias M., Soares A., Hospido A.	Applied Energy	265
31	1993	Methanogenic and non-methanogenic activity tests. Theoretical basis and experimental set up	Soto M., Mendez R., Lema J.M.	Water Research	262
32	2018	Berries extracts as natural antioxidants in meat products: A review	Lorenzo J.M., Pateiro M., Dominguez R., Barba F.J., Putnik P., Kovacevic D.B., Shpigelman A., Granato D., Franco D.	Food Research International	258
33	2008	Determination of the solid-water distribution coefficient (Kd) for pharmaceuticals, estrogens and musk fragrances in digested sludge	Carballa M., Fink G., Omil F., Lema J.M., Ternes T.	Water Research	258
34	2004	Extraction of antioxidant phenolics from almond hulls (<i>Prunus amygdalus</i>) and pine sawdust (<i>Pinus pinaster</i>)	Pinelo M., Rubilar M., Sineiro J., Nunez M.J.	Food Chemistry	247
35	2009	Pre-treatment of hospital wastewater by coagulation-flocculation and flotation	Suarez S., Lema J.M., Omil F.	Bioresource Technology	243
36	2005	Partial nitrification in a SHARON reactor in the presence of salts and organic carbon compounds	Mosquera-Corral A., Gonzalez F., Campos J.L., Mendez R.	Process Biochemistry	237
37	2011	Environmental and economic profile of six typologies of wastewater treatment plants	Rodriguez-Garcia G., Molinos-Senante M., Hospido A., Hernandez-Sancho F., Moreira M.T., Feijoo G.	Water Research	234
38	2012	Short- and long-term effects of ammonium and nitrite on the Anammox process	Fernandez I., Dosta J., Fajardo C., Campos J.L., Mosquera-Corral A., Mendez R.	Journal of Environmental Management	233
39	2010	A methodology for optimising feed composition for anaerobic co-digestion of agro-industrial wastes	Alvarez J.A., Otero L., Lema J.M.	Bioresource Technology	233
40	2005	Removal of cosmetic ingredients and pharmaceuticals in sewage primary treatment	Carballa M., Omil F., Lema J.M.	Water Research	231
41	2004	Stability of the ANAMMOX process in a gas-lift reactor and a SBR	Dapena-Mora A., Campos J.L., Mosquera-Corral A., Jetten M.S.M., Mendez R.	Journal of Biotechnology	230
42	1995	Sodium inhibition in the anaerobic digestion process: Antagonism and adaptation phenomena	Feijoo G., Soto M., Mendez R., Lema J.M.	Enzyme and Microbial Technology	230
43	2011	Fungal pretreatment: An alternative in second-generation ethanol from wheat straw	Salvachua D., Prieto A., Lopez-Abelairas M., Lu-Chau T., Martinez A.T., Martinez M.J.	Bioresource Technology	224
44	2000	Influence of the content in fats and proteins on the anaerobic biodegradability of dairy wastewaters	Vidal G., Carvalho A., Mendez R., Lema J.M.	Bioresource Technology	223
45	2006	Start-up of the Anammox process in a membrane bioreactor	Trigo C., Campos J.L., Garrido J.M., Mendez R.	Journal of Biotechnology	219
46	2007	Separation of aromatic hydrocarbons from alkanes using the ionic liquid 1-ethyl-3-methylimidazolium bis((trifluoromethyl) sulfonyl)amide	Arce A., Earle M.J., Rodriguez H., Seddon K.R.	Green Chemistry	218
47	2015	Microbial management of anaerobic digestion: Exploiting the microbiome-functionality nexus	Carballa M., Regueiro L., Lema J.M.	Current Opinion in Biotechnology	217
48	2013	Understanding the factors controlling the removal of trace organic contaminants by white-rot fungi and their lignin modifying enzymes: A critical review	Yang S., Hai F.I., Nghiem L.D., Price W.E., Roddick F., Moreira M.T., Magram S.F.	Bioresource Technology	215

49	2013	Influence of solvent on the antioxidant and antimicrobial properties of walnut (<i>Juglans regia</i> L.) green husk extracts	Fernandez-Agullo A., Pereira E., Freire M.S., Valentao P., Andrade P.B., Gonzalez-alvarez J., Pereira J.A.	Industrial Crops and Products	206
50	2004	Aerobic granulation with industrial wastewater in sequencing batch reactors	Arrojo B., Mosquera-Corral A., Garrido J.M., Mendez R.	Water Research	203
51	2005	Effects of oxygen concentration on N-removal in an aerobic granular sludge reactor	Mosquera-Corral A., De Kreuk M.K., Heijnen J.J., Van Loosdrecht M.C.M.	Water Research	202
52	2012	Influence of nitrifying conditions on the biodegradation and sorption of emerging micropollutants	Fernandez-Fontaina E., Omil F., Lema J.M., Carballa M.	Water Research	197
53	2014	Understanding the removal mechanisms of PPCPs and the influence of main technological parameters in anaerobic UASB and aerobic CAS reactors	Alvarino T., Suarez S., Lema J.M., Omil F.	Journal of Hazardous Materials	190
54	2008	Biofilm and granular systems to improve Anammox biomass retention	Fernandez I., Vazquez-Padin J.R., Mosquera-Corral A., Campos J.L., Mendez R.	Biochemical Engineering Journal	189
55	2011	Enhanced biomethanation of kitchen waste by different pre-treatments	Ma J., Duong T.H., Smits M., Verstraete W., Carballa M.	Bioresource Technology	188
56	2007	Separation of benzene and hexane by solvent extraction with 1-alkyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)amide ionic liquids: Effect of the alkyl-substituent length	Arce A., Earle M.J., Rodriguez H., Seddon K.R.	Journal of Physical Chemistry B	188
57	2006	Modeling product formation in anaerobic mixed culture fermentations	Rodriguez J., Kleerebezem R., Lema J.M., Van Loosdrecht M.C.M.	Biotechnology and Bioengineering	177
58	2005	Environmental evaluation of different treatment processes for sludge from urban wastewater treatments: Anaerobic digestion versus thermal processes	Hospido A., Moreira Ma.T., Martin M., Rigola M., Feijoo G.	International Journal of Life Cycle Assessment	176
59	2000	Evaluation of extracts from <i>Gevuina avellana</i> hulls as antioxidants	Moure A., Franco D., Sineiro J., Dominguez H., Nunez M.J., Lema J.M.	Journal of Agricultural and Food Chemistry	176
60	2015	Eco-efficiency analysis of Spanish WWTPs using the LCA+DEA method	Lorenzo-Toja Y., Vazquez-Rowe I., Chenel S., Marin-Navarro D., Moreira M.T., Feijoo G.	Water Research	175
61	2012	Relationship between microbial activity and microbial community structure in six full-scale anaerobic digesters	Regueiro L., Veiga P., Figueroa M., Alonso-Gutierrez J., Stams A.J.M., Lema J.M., Carballa M.	Microbiological Research	175
62	1997	Surface tension of binary mixtures of water + monoethanolamine and water + 2-amino-2-methyl-1-propanol and tertiary mixtures of these amines with water from 25 °C to 50 °C	Vazquez G., Alvarez E., Navaza J.M., Rendo R., Romero E.	Journal of Chemical and Engineering Data	174
63	2010	Laccase-catalyzed degradation of anti-inflammatories and estrogens	Lloret L., Eibes G., Lu-Chau T.A., Moreira M.T., Feijoo G., Lema J.M.	Biochemical Engineering Journal	173
64	2010	The effect and fate of antibiotics during the anaerobic digestion of pig manure	Alvarez J.A., Otero L., Lema J.M., Omil F.	Bioresource Technology	172
65	2014	Influence of natural extracts on the shelf life of modified atmosphere-packaged pork patties	Lorenzo J.M., Sineiro J., Amado I.R., Franco D.	Meat Science	171
66	2007	Gasoline desulfurization using extraction with [C8mim][BF ₄] ionic liquid	Alonso L., Arce A., Francisco M., Rodriguez O., Soto A.	AIChE Journal	169
67	1994	Enzymatic pretreatment to enhance oil extraction from fruits and oilseeds: a review	Dominguez H., Nunez M.J., Lema J.M.	Food Chemistry	169
68	2002	Removal of cadmium and mercury ions from aqueous solution by sorption on treated <i>Pinus pinaster</i> bark: Kinetics and isotherms	Vazquez G., Gonzalez-Alvarez J., Freire S., Lopez-Lorenzo M., Antorrena G.	Bioresource Technology	168
69	2013	Anaerobic digestion of different feedstocks: Impact on energetic and environmental balances of biogas process	Bacenetti J., Negri M., Fiala M., Gonzalez-Garcia S.	Science of the Total Environment	166
70	2012	Joint life cycle assessment and data envelopment analysis of grape production for vinification in the Rías Baixas appellation (NW Spain)	Vazquez-Rowe I., Villanueva-Rey P., Iribarren D., Teresa Moreira M., Feijoo G.	Journal of Cleaner Production	165
71	2010	Ionic liquids on desulfurization of fuel oils	Francisco M., Arce A., Soto A.	Fluid Phase Equilibria	164
72	2009	Nitrogen removal from digested black water by one-stage partial nitrification and anammox	Vlaeminck S.E., Terada A., Smets B.F., Van Der Linden D., Boon N., Verstraete W., Carballa M.	Environmental Science and Technology	159
73	2011	Reaction of elemental chalcogens with imidazolium acetates to yield imidazole-2-chalcogenones: Direct evidence for ionic liquids as proto-carbenes	Rodriguez H., Gurau G., Holbrey J.D., Rogers R.D.	Chemical Communications	158
74	2003	Simplified life cycle assessment of galician milk production	Hospido A., Moreira M.T., Feijoo G.	International Dairy Journal	156
75	2004	Enrichment of Anammox biomass from municipal activated sludge: Experimental and modelling results	Dapena-Mora A., Van Hulle S.W.H., Campos J.L., Mendez R., Vanrolleghem P.A., Jetten M.	Journal of Chemical Technology and Biotechnology	155
76	2002	Nitrification in saline wastewater with high ammonia concentration in an activated sludge unit	Campos J.L., Mosquera-Corral A., Sanchez M., Mendez R., Lema J.M.	Water Research	153
77	2008	Environmental performance of wastewater treatment plants for small populations	Gallego A., Hospido A., Moreira M.T., Feijoo G.	Resources, Conservation and Recycling	152
78	2008	Fate of pharmaceuticals and cosmetic ingredients during the operation of a MBR treating sewage	Reif R., Suarez S., Omil F., Lema J.M.	Desalination	150
79	2006	Enzymatic degradation of anthracene, dibenzothiophene and pyrene by manganese peroxidase in media containing acetone	Eibes G., Cajthaml T., Moreira M.T., Feijoo G., Lema J.M.	Chemosphere	150
80	2001	Mass transfer coefficients during osmotic dehydration of apple in single and combined aqueous solutions of sugar and salt	Sereno A.M., Moreira R., Martinez E.	Journal of Food Engineering	149

81	2012	Insight into the interactions that control the phase behaviour of new aqueous biphasic systems composed of polyethylene glycol polymers and ionic liquids	Freire M.G., Pereira J.F.B., Francisco M., Rodriguez H., Rebelo L.P.N., Rogers R.D., Coutinho J.A.P.	Chemistry - A European Journal	148
82	2009	Treatment of anaerobic sludge digester effluents by the CANON process in an air pulsing SBR	Vazquez-Padin J.R., Pozo M.J., Jarpa M., Figueroa M., Franco A., Mosquera-Corral A., Campos J.L., Mendez R.	Journal of Hazardous Materials	148
83	2008	Comparison of predicted and measured concentrations of selected pharmaceuticals, fragrances and hormones in Spanish sewage	Carballa M., Omil F., Lema J.M.	Chemosphere	148
84	2013	Review of combined approaches and multi-criteria analysis for corporate environmental evaluation	Herva M., Roca E.	Journal of Cleaner Production	146
85	2011	Benchmarking environmental and operational parameters through eco-efficiency criteria for dairy farms	Iribarren D., Hospido A., Moreira M.T., Feijoo G.	Science of the Total Environment	143
86	2014	Carcass characteristics, meat quality and nutritional value of horsemeat: A review	Lorenzo J.M., Sarries M.V., Tateo A., Polidori P., Franco D., Lanza M.	Meat Science	142
87	2012	Fat effect on physico-chemical, microbial and textural changes through the manufactured of dry-cured foal sausage. Lipolysis, proteolysis and sensory properties	Lorenzo J.M., Franco D.	Meat Science	141
88	2010	Maximizing the ex vivo expansion of human mesenchymal stem cells using a microcarrier-based stirred culture system	Eibes G., dos Santos F., Andrade P.Z., Boura J.S., Abecasis M.M.A., da Silva C.L., Cabral J.M.S.	Journal of Biotechnology	139
89	2009	Phosphate removal in agro-industry: Pilot- and full-scale operational considerations of struvite crystallization	Moerman W., Carballa M., Vandekerckhove A., Derycke D., Verstraete W.	Water Research	137
90	2009	The link between operational efficiency and environmental impacts. A joint application of Life Cycle Assessment and Data Envelopment Analysis	Lozano S., Iribarren D., Moreira M.T., Feijoo G.	Science of the Total Environment	136
91	2005	Partitioning of antibiotics in a two-liquid phase system formed by water and a room temperature ionic liquid	Soto A., Arce A., Khoshkbarchi M.K.	Separation and Purification Technology	136
92	1999	Anaerobic hydrolysis and acidogenesis of wastewaters from food industries with high content of organic solids and protein	Guerrero L., Omil F., Mendez R., Lema J.M.	Water Research	136
93	2008	Solvent extraction of thiophene from n-alkanes (C7, C12, and C16) using the ionic liquid [C8mim][BF4]	Alonso L., Arce A., Francisco M., Soto A.	Journal of Chemical Thermodynamics	135
94	1998	Long-term competition between sulfate reducing and methanogenic bacteria in UASB reactors treating volatile fatty acids	Omil F., Lens P., Visser A., Hulshoff Pol L.W., Lettinga G.	Biotechnology and Bioengineering	135
95	2014	Life cycle assessment of the production of the red antioxidant carotenoid astaxanthin by microalgae: From lab to pilot scale	Perez-Lopez P., Gonzalez-Garcia S., Jeffries C., Agathos S.N., McHugh E., Walsh D., Murray P., Moane S., Feijoo G., Moreira M.T.	Journal of Cleaner Production	134
96	2013	Effects of natural (grape seed and chestnut extract) and synthetic antioxidants (butylatedhydroxytoluene, BHT) on the physical, chemical, microbiological and sensory characteristics of dry cured sausage "chorizo"	Lorenzo J.M., Gonzalez-Rodriguez R.M., Sanchez M., Amado I.R., Franco D.	Food Research International	133
97	2011	Review of corporate environmental indicators	Herva M., Franco A., Carrasco E.F., Roca E.	Journal of Cleaner Production	133
98	2008	Heat capacities and excess enthalpies of 1-3ethyl-3-methylimidazolium-based ionic liquids and water	Ficke L.E., Rodriguez H., Brennecke J.F.	Journal of Chemical and Engineering Data	131
99	2005	Life cycle environmental impacts of Spanish tuna fisheries	Hospido A., Tyedmers P.	Fisheries Research	130
100	2011	Extracts of maqui (<i>Aristotelia chilensis</i>) and murta (<i>Ugni molinae</i> Turcz.): Sources of antioxidant compounds and α -glucosidase/ α -amylase inhibitors	Rubilar M., Jara C., Poo Y., Acevedo F., Gutierrez C., Sineiro J., Shene C.	Journal of Agricultural and Food Chemistry	129
101	2010	Brønsted ionic liquids for sustainable processes: Synthesis and physical properties	Alvarez V.H., Dosil N., Gonzalez-Cabaleiro R., Mattedi S., Martin-Pastor M., Iglesias M., Navaza J.M.	Journal of Chemical and Engineering Data	129
102	2007	Influence of ozone pre-treatment on sludge anaerobic digestion: Removal of pharmaceutical and personal care products	Carballa M., Manterola G., Larrea L., Ternes T., Omil F., Lema J.M.	Chemosphere	129
103	2003	Rheology of aqueous solutions of food additives: Effect of concentration, temperature and blending	Gomez-Diaz D., Navaza J.M.	Journal of Food Engineering	128
104	2003	Anaerobic filter reactor performance for the treatment of complex dairy wastewater at industrial scale	Omil F., Garrido J.M., Arrojo B., Mendez R.	Water Research	128
105	1996	Effect of upward velocity and sulphide concentration on volatile fatty acid degradation in a sulphidogenic granular sludge reactor	Omil F., Lens P., Hulshoff Pol L., Lettinga G.	Process Biochemistry	128
106	1995	Anaerobic treatment of saline wastewaters under high sulphide and ammonia content	Omil F., Mendez R., Lema J.M.	Bioresource Technology	128
107	1994	Adsorption of heavy metal ions by chemically modified <i>Pinus pinaster</i> bark	Vazquez G., Antorrena G., Gonzalez J., Doval M.D.	Bioresource Technology	128
108	2010	Diclofenac oxidation by biogenic manganese oxides	Forrez I., Carballa M., Verbeken K., Vanhaecke L., Michael Schlusener M.S., Ternes T., Boon N., Verstraete W.	Environmental Science and Technology	126
109	2013	Relationship between phenol degradation efficiency and microbial community structure in an anaerobic SBR	Rosenkranz F., Cabrol L., Carballa M., Donoso-Bravo A., Cruz L., Ruiz-Filippi G., Chamy R., Lema J.M.	Water Research	124
110	2008	Thermodynamic analysis of experimental sorption isotherms of loquat and quince fruits	Moreira R., Chenlo F., Torres M.D., Vallejo N.	Journal of Food Engineering	124

111	2007	Kinetics of triclosan oxidation by aqueous ozone and consequent loss of antibacterial activity: Relevance to municipal wastewater ozonation	Suarez S., Dodd M.C., Omil F., von Gunten U.	Water Research	123
112	2009	From waste to commodity: transforming shells into high purity calcium carbonate	Barros M.C., Bello P.M., Bao M., Torrado J.J.	Journal of Cleaner Production	122
113	2014	Comparative life cycle assessment in the wine sector: Biodynamic vs. conventional viticulture activities in NW Spain	Villanueva-Rey P., Vazquez-Rowe I., Moreira M.T., Feijoo G.	Journal of Cleaner Production	120
114	2014	Extractive and oxidative-extractive desulfurization of fuels with ionic liquids	Rodriguez-Cabo B., Rodriguez H., Rodil E., Arce A., Soto A.	Fuel	120
115	2010	Environmental assessment of anaerobically digested sludge reuse in agriculture: Potential impacts of emerging micropollutants	Hospido A., Carballa M., Moreira M., Omil F., Lema J.M., Feijoo G.	Water Research	119
116	2010	Combined application of life cycle assessment and data envelopment analysis as a methodological approach for the assessment of fisheries	Vazquez-Rowe I., Iribarren D., Moreira M.T., Feijoo G.	International Journal of Life Cycle Assessment	118
117	2016	Is anaerobic digestion effective for the removal of organic micropollutants and biological activities from sewage sludge?	Gonzalez-Gil L., Papa M., Feretti D., Ceretti E., Mazzoleni G., Steimberg N., Pedrazzani R., Bertanza G., Lema J.M., Carballa M.	Water Research	117
118	2009	Evaluation of potential applications for chestnut (<i>Castanea sativa</i>) shell and eucalyptus (<i>Eucalyptus globulus</i>) bark extracts	Vazquez G., Gonzalez-Alvarez J., Santos J., Freire M.S., Antorrena G.	Industrial Crops and Products	117
119	1997	Effect of chemical modification of lignin on the gluebond performance of lignin-phenolic resins	Vazquez G., Gonzalez J., Freire S., Antorrena G.	Bioresource Technology	117
120	2014	Optimisation of antioxidant extraction from <i>Solanum tuberosum</i> potato peel waste by surface response methodology	Amado I.R., Franco D., Sanchez M., Zapata C., Vazquez J.A.	Food Chemistry	116
121	2006	Mass transfer during continuous solid-liquid extraction of antioxidants from grape byproducts	Pinelo M., Sineiro J., Nunez M.J.	Journal of Food Engineering	116
122	2006	Physical and excess properties for binary mixtures of 1-methyl-3-octylimidazolium tetrafluoroborate, [Omim][BF ₄], ionic liquid with different alcohols	Arce A., Rodil E., Soto A.	Journal of Solution Chemistry	116
123	2004	Environmental performance of a municipal wastewater treatment plant	Hospido A., Moreira Ma.T., Fernandez-Couto M., Feijoo G.	International Journal of Life Cycle Assessment	116
124	2010	Microbial community distribution and activity dynamics of granular biomass in a CANON reactor	Vazquez-Padin J., Mosquera-Corral A., Campos J.L., Mendez R., Revsbech N.P.	Water Research	115
125	2008	1-Ethyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)amide as solvent for the separation of aromatic and aliphatic hydrocarbons by liquid extraction – extension to C7- and C8-fractions	Arce A., Earle M.J., Rodriguez H., Seddon K.R., Soto A.	Green Chemistry	115
126	2019	Adsorption of an anionic dye (Congo red) from aqueous solutions by pine bark	Litefti K., Freire M.S., Stitou M., Gonzalez-Alvarez J.	Scientific Reports	114
127	2011	Degradation of selected pharmaceutical and personal care products (PPCPs) by white-rot fungi	Rodarte-Morales A.I., Feijoo G., Moreira M.T., Lema J.M.	World Journal of Microbiology and Biotechnology	114
128	2009	Chestnut shell as heavy metal adsorbent: Optimization study of lead, copper and zinc cations removal	Vazquez G., Calvo M., Sonia Freire M., Gonzalez-Alvarez J., Antorrena G.	Journal of Hazardous Materials	114
129	2003	Apparent Molar Volume, Isentropic Compressibility, Refractive Index, and Viscosity of DL-Alanine in Aqueous NaCl Solutions	Rodriguez H., Soto A., Arce A., Khoshkbarchi M.K.	Journal of Solution Chemistry	114
130	2002	Autotrophic denitrification for combined hydrogen sulfide removal from biogas and post-denitrification.	Kleerebezem R., Mendez R.	Water science and technology : a journal of the International Association on Water Pollution Research	113
131	2000	Evaluation of different fungal strains in the decolourisation of synthetic dyes	Moreira M.T., Mielgo I., Feijoo G., Lema J.M.	Biotechnology Letters	112
132	1991	Optimization of the thermal processing of conduction-heated canned foods: Study of several objective functions	Banga J.R., Perez-Martin R.I., Gallardo J.M., Casares J.J.	Journal of Food Engineering	112
133	2011	Removal of persistent pharmaceutical micropollutants from sewage by addition of PAC in a sequential membrane bioreactor	Serrano D., Suarez S., Lema J.M., Omil F.	Water Research	111
134	2018	Understanding the sorption and biotransformation of organic micropollutants in innovative biological wastewater treatment technologies	Alvarino T., Suarez S., Lema J., Omil F.	Science of the Total Environment	109
135	2008	Thiophene separation from aliphatic hydrocarbons using the 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid	Alonso L., Arce A., Francisco M., Soto A.	Fluid Phase Equilibria	109
136	2014	Life cycle assessment of electricity production in Italy from anaerobic co-digestion of pig slurry and energy crops	Lijo L., Gonzalez-Garcia S., Bacenetti J., Fiala M., Feijoo G., Lema J.M., Moreira M.T.	Renewable Energy	108
137	2006	Life cycle inventory of particleboard: A case study in the wood sector	Rivela B., Hospido A., Moreira Ma.T., Feijoo G.	International Journal of Life Cycle Assessment	108
138	1997	Surface tension of organic acids + water binary mixtures from 20°C to 50°C	Alvarez E., Vazquez G., Sanchez-Vilas M., Sanjurjo B., Navaza J.M.	Journal of Chemical and Engineering Data	107
139	2018	Carbon footprint and nutritional quality of different human dietary choices	Gonzalez-Garcia S., Esteve-Llorens X., Moreira M.T., Feijoo G.	Science of the Total Environment	105

140	2016	Status of hormones and painkillers in wastewater effluents across several European states—considerations for the EU watch list concerning estradiols and diclofenac	Schroder P., Helmreich B., Skrbic B., Carballa M., Papa M., Pastore C., Emre Z., Oehmen A., Langenhoff A., Molinos M., Dvarioniene J., Huber C., Tsagarakis K.P., Martinez-Lopez E., Pagano S.M., Vogelsang C., Mascolo G.	Environmental Science and Pollution Research	105
141	2016	Greenhouse Gases Emissions from Wastewater Treatment Plants: Minimization, Treatment, and Prevention	Campos J.L., Valenzuela-Heredia D., Pedrouso A., Val Del Rio A., Belmonte M., Mosquera-Corral A.	Journal of Chemistry	105
142	2012	Environmental analysis of Ribeiro wine from a timeline perspective: Harvest year matters when reporting environmental impacts	Vazquez-Rowe I., Villanueva-Rey P., Moreira M.T., Feijoo G.	Journal of Environmental Management	103
143	2011	Autotrophic nitrogen removal at low temperature	Vazquez-Padin J.R., Fernandez I., Morales N., Campos J.L., Mosquera-Corral A., Mendez R.	Water Science and Technology	103
144	2010	Further potentials in the joint implementation of life cycle assessment and data envelopment analysis	Iribarren D., Vazquez-Rowe I., Moreira M.T., Feijoo G.	Science of the Total Environment	103
145	2008	A comparison of municipal wastewater treatment plants for big centres of population in Galicia (Spain)	Hospido A., Moreira Ma.T., Feijoo G.	International Journal of Life Cycle Assessment	103
146	2008	Water absorption, texture, and color kinetics of air-dried chestnuts during rehydration	Moreira R., Chenlo F., Chaguri L., Fernandes C.	Journal of Food Engineering	102
147	2006	Granulation in high-load denitrifying upflow sludge bed (USB) pulsed reactors	Franco A., Roca E., Lema J.M.	Water Research	102
148	2020	Perspectives from CO+RE: How COVID-19 changed our food systems and food security paradigms	Bakalis S., Valdramidis V.P., Argyropoulos D., Ahrne L., Chen J., Cullen P.J., Cummins E., Datta A.K., Emmanouilidis C., Foster T., Fryer P.J., Gouseti O., Hospido A., Knoerzer K., LeBail A., Marangoni A.G., Rao P., Schluter O.K., Taoukis P., Xanthakis E., Van Impe J.F.M.	Current Research in Food Science	101
149	2016	Biotransformation of pharmaceuticals under nitrification, nitrataion and heterotrophic conditions	Fernandez-Fontaina E., Gomes I.B., Aga D.S., Omil F., Lema J.M., Carballa M.	Science of the Total Environment	101
150	2015	Key microbial communities steering the functioning of anaerobic digesters during hydraulic and organic overloading shocks	Regueiro L., Lema J.M., Carballa M.	Bioresource Technology	101
151	2012	Water adsorption isotherms of carboxymethyl cellulose, guar, locust bean, tragacanth and xanthan gums	Torres M.D., Moreira R., Chenlo F., Vazquez M.J.	Carbohydrate Polymers	101
152	2011	Combined cross-linked enzyme aggregates from versatile peroxidase and glucose oxidase: Production, partial characterization and application for the elimination of endocrine disruptors	Taboada-Puig R., Junghanns C., Demarche P., Moreira M.T., Feijoo G., Lema J.M., Agathos S.N.	Bioresource Technology	101
153	2008	Kinetics of denitrification using sulphur compounds: Effects of S/N ratio, endogenous and exogenous compounds	Campos J.L., Carvalho S., Portela R., Mosquera-Corral A., Mendez R.	Bioresource Technology	101
154	2008	Phase behaviour of 1-methyl-3-octylimidazolium bis(trifluoromethylsulfonyl)imide with thiophene and aliphatic hydrocarbons: The influence of n-alkane chain length	Alonso L., Arce A., Francisco M., Soto A.	Fluid Phase Equilibria	101
155	2021	The fate of SARS-COV-2 in WWTPS points out the sludge line as a suitable spot for detection of COVID-19	Balboa S., Mauricio-Iglesias M., Rodriguez S., Martinez-Lamas L., Vasallo F.J., Regueiro B., Lema J.M.	Science of the Total Environment	100
156	2005	Anaerobic treatment of azo dye Acid Orange 7 under fed-batch and continuous conditions	Mendez-Paz D., Omil F., Lema J.M.	Water Research	100
157	2004	Thermodynamics of diglycine and triglycine in aqueous NaCl solutions: Apparent molar volume, isentropic compressibility, and refractive index	Soto A., Arce A., Khoshkbarchi M.K.	Journal of Solution Chemistry	100
158	2008	Treatment of saline wastewater in SBR aerobic granular reactors	Figuerola M., Mosquera-Corral A., Campos J.L., Mendez R.	Water Science and Technology	99
159	2007	A comparison between bark extracts from Pinus pinaster and Pinus radiata: Antioxidant activity and procyanidin composition	Jerez M., Selga A., Sineiro J., Torres J.L., Nunez M.J.	Food Chemistry	99
160	2006	Mutually immiscible ionic liquids	Arce A., Earle M.J., Katdare S.P., Rodriguez H., Seddon K.R.	Chemical Communications	99
161	2012	Physicochemical properties of maize cob cellulose powders reconstituted from ionic liquid solution	Azubuike C.P., Rodriguez H., Okhamafe A.O., Rogers R.D.	Cellulose	98
162	2020	The application of life cycle assessment (LCA) to wastewater treatment: A best practice guide and critical review	Corominas L., Byrne D.M., Guest J.S., Hospido A., Roux P., Shaw A., Short M.D.	Water Research	97
163	2010	Flaxseed as a source of functional ingredients	Rubilar M., Gutierrez C., Verdugo M., Shene C., Sineiro J.	Journal of Soil Science and Plant Nutrition	97
164	2009	Bis((trifluoromethyl)sulfonyl)amide ionic liquids as solvents for the extraction of aromatic hydrocarbons from their mixtures with alkanes: Effect of the nature of the cation	Arce A., Earle M.J., Rodriguez H., Seddon K.R., Soto A.	Green Chemistry	97
165	2008	Ionic liquid-based preparation of cellulose-dendrimer films as solid supports for enzyme immobilization	Bagheri M., Rodriguez H., Swatloski R.P., Spear S.K., Daly D.T., Rogers R.D.	Biomacromolecules	97
166	2006	Environmental assessment of canned tuna manufacture with a life-cycle perspective	Hospido A., Vazquez M.E., Cuevas A., Feijoo G., Moreira M.T.	Resources, Conservation and Recycling	97
167	2006	Murta leaves (<i>Ugni molinae</i> Turcz) as a source of antioxidant polyphenols	Rubilar M., Pinelo M., Ihl M., Scheuermann E., Sineiro J., Nunez M.J.	Journal of Agricultural and Food Chemistry	97

168	2013	Hazardous organic chemicals in rubber recycled tire playgrounds and pavers	Llompart M., Sanchez-Prado L., Pablo Lamas J., Garcia-Jares C., Roca E., Dagnac T.	Chemosphere	96
169	2012	Life cycle assessment of two alternative bioenergy systems involving <i>Salix</i> spp. biomass: Bioethanol production and power generation	Gonzalez-Garcia S., Iribarren D., Susmozas A., Dufour J., Murphy R.J.	Applied Energy	96
170	2011	Biogenic metals for the oxidative and reductive removal of pharmaceuticals, biocides and iodinated contrast media in a polishing membrane bioreactor	Forrez I., Carballa M., Fink G., Wick A., Hennebel T., Vanhaecke L., Ternes T., Boon N., Verstraete W.	Water Research	96
171	2017	Proximate composition and nutritional value of three macroalgae: <i>Ascophyllum nodosum</i> , <i>Fucus vesiculosus</i> and <i>Bifurcaria bifurcata</i>	Lorenzo J.M., Agregan R., Munekata P.E.S., Franco D., Carballo J., Sahin S., Lacomba R., Barba F.J.	Marine Drugs	95
172	2008	Polyphenols from plant materials: Extraction and antioxidant power	Franco D., Sineiro J., Rubilar M., Sanchez M., Jerez M., Pinelo M., Costoya N., Nunez M.J.	Electronic Journal of Environmental, Agricultural and Food Chemistry	95
173	2013	Ranking municipal solid waste treatment alternatives based on ecological footprint and multi-criteria analysis	Herva M., Roca E.	Ecological Indicators	94
174	2011	Density, speed of sound, viscosity, refractive index, and excess volume of N -methyl-2-pyrrolidone + ethanol (or water or ethanolamine) from T = (293.15 to 323.15) K	Garcaa-Abuan A., Gomez-Daaz D., La Rubia M.D., Navaza J.M.	Journal of Chemical and Engineering Data	94
175	2009	Applications of Anammox based processes to treat anaerobic digester supernatant at room temperature	Vazquez-Padin J., Fernandez I., Figueroa M., Mosquera-Corral A., Campos J.-L., Mendez R.	Bioresource Technology	94
176	2006	Comparison between the conventional anaerobic digestion of sewage sludge and its combination with a chemical or thermal pre-treatment concerning the removal of pharmaceuticals and personal care products	Carballa M., Omil F., Alder A.C., Lema J.M.	Water Science and Technology	94
177	2004	Mechanism of enzymatic degradation of the azo dye Orange II determined by ex situ 1H nuclear magnetic resonance and electrospray ionization-ion trap mass spectrometry	Lopez C., Valade A.-G., Combourieu B., Mielgo I., Bouchon B., Lema J.M.	Analytical Biochemistry	94
178	2011	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase	Eibes G., Debernardi G., Feijoo G., Moreira M.T., Lema J.M.	Biodegradation	93
179	2007	Separation and HPLC-MS identification of phenolic antioxidants from agricultural residues: Almond hulls and grape pomace	Rubilar M., Pinelo M., Shene C., Sineiro J., Nunez M.J.	Journal of Agricultural and Food Chemistry	93
180	2013	Absorption of carbon dioxide in two binary mixtures of ionic liquids	Pinto A.M., Rodriguez H., Colon Y.J., Arce A., Soto A.	Industrial and Engineering Chemistry Research	92
181	2006	Effects of mechanical stress on Anammox granules in a sequencing batch reactor (SBR)	Arrojo B., Mosquera-Corral A., Campos J.L., Mendez R.	Journal of Biotechnology	92
182	2003	Oxidative degradation of azo dyes by manganese peroxidase under optimized conditions	Mielgo I., Lopez C., Moreira M.T., Feijoo G., Lema J.M.	Biotechnology Progress	92
183	1997	FTIR, 1H and 13C NMR characterization of acetosolv-solubilized pine and eucalyptus lignins	Vazquez G., Antorrena G., Gonzalez J., Freire S.	Holzforschung	92
184	1995	Degradation of volatile fatty acids by differently enriched methanogenic cultures: Kinetics and inhibition	Aguilar A., Casas C., Lema J.M.	Water Research	92
185	2014	Influence of muscle type on the evolution of free amino acids and sarcoplasmic and myofibrillar proteins through the manufacturing process of Celta dry-cured ham	Bermudez R., Franco D., Carballo J., Sentandreu M.T., Lorenzo J.M.	Food Research International	91
186	2011	Should we pretreat solid waste prior to anaerobic digestion? An assessment of its environmental cost	Carballa M., Duran C., Hospido A.	Environmental Science and Technology	91
187	2007	Supercritical fluid and solid-liquid extraction of phenolic antioxidants from grape pomace: A comparative study	Pinelo M., Ruiz-Rodriguez A., Sineiro J., Senorans F.J., Reglero G., Nunez M.J.	European Food Research and Technology	91
188	2007	Life cycle inventory of medium density fibreboard	Rivela B., Moreira Ma.T., Feijoo G.	International Journal of Life Cycle Assessment	91
189	2006	Volumetric and viscosity study for the mixtures of 2-ethoxy-2- methylpropane, ethanol, and 1-ethyl-3-methylimidazolium ethyl sulfate ionic liquid	Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	91
190	2002	Enzymatic membrane reactors for biodegradation of recalcitrant compounds. Application to dye decolourisation	Lopez C., Mielgo I., Moreira M.T., Feijoo G., Lema J.M.	Journal of Biotechnology	90
191	2000	Shrinkage of apple disks during drying by warm air convection and freeze drying	Moreira R., Figueiredo A., Sereno A.	Drying Technology	90
192	2016	Benchmarking wastewater treatment plants under an eco-efficiency perspective	Lorenzo-Toja Y., Vazquez-Rowe I., Amores M.J., Termes-Rife M., Marin-Navarro D., Moreira M.T., Feijoo G.	Science of the Total Environment	89
193	2009	Environmental impacts of forest production and supply of pulpwood: Spanish and Swedish case studies	Gonzalez-Garcia S., Berg S., Feijoo G., Moreira M.T.	International Journal of Life Cycle Assessment	89
194	2009	Operation of an Anammox SBR in the presence of two broad-spectrum antibiotics	Fernandez I., Mosquera-Corral A., Campos J.L., Mendez R.	Process Biochemistry	89
195	2005	Anaerobic degradation of hexachlorocyclohexane isomers in liquid and soil slurry systems	Quintero J.C., Moreira M.T., Feijoo G., Lema J.M.	Chemosphere	89
196	2002	Viscosities of aqueous solutions of sucrose and sodium chloride of interest in osmotic dehydration processes	Chenlo F., Moreira R., Pereira G., Ampudia A.	Journal of Food Engineering	89

197	2013	Linking thermodynamics and kinetics to assess pathway reversibility in anaerobic bioprocesses	Gonzalez-Cabaleiro R., Lema J.M., Rodriguez J., Kleerebezem R.	Energy and Environmental Science	88
198	2010	Monitoring the stability of an Anammox reactor under high salinity conditions	Dapena-Mora A., Vazquez-Padin J.R., Campos J.L., Mosquera-Corral A., Jetten M.S.M., Mendez R.	Biochemical Engineering Journal	88
199	2010	A review of methodological issues affecting LCA of novel food products	Hospido A., Davis J., Berlin J., Sonesson U.	International Journal of Life Cycle Assessment	88
200	2009	The role of seasonality in lettuce consumption: A case study of environmental and social aspects	Hospido A., Mila I Canals L., McLaren S., Truninger M., Edwards-Jones G., Clift R.	International Journal of Life Cycle Assessment	88
201	2009	Removal process of CO ₂ using MDEA aqueous solutions in a bubble column reactor	Navaza J.M., Gomez-Diaz D., La Rubia M.D.	Chemical Engineering Journal	88
202	2018	Critical aggregation concentration for the formation of early Amyloid- β (1-42) oligomers	Novo M., Freire S., Al-Soufi W.	Scientific Reports	87
203	2016	Fungal pretreatment of agricultural residues for bioethanol production	Garcia-Torreiro M., Lopez-Abelairas M., Lu-Chau T.A., Lema J.M.	Industrial Crops and Products	87
204	2012	Pharmaceutically active ionic liquids with solids handling, enhanced thermal stability, and fast release	Bica K., Rodriguez H., Gurau G., Andreea Cojocaru O., Riisager A., Fehrmann R., Rogers R.D.	Chemical Communications	87
205	2010	Life cycle assessment of horse mackerel fisheries in Galicia (NW Spain): Comparative analysis of two major fishing methods	Vazquez-Rowe I., Moreira M.T., Feijoo G.	Fisheries Research	87
206	2001	A packed-bed fungal bioreactor for the continuous decolourisation of azo-dyes (Orange II)	Mielgo I., Moreira M.T., Feijoo G., Lema J.M.	Journal of Biotechnology	87
207	2001	Simultaneous methanogenesis and denitrification of pretreated effluents from a fish canning industry	Mosquera-Corral A., Sanchez M., Campos J.L., Mendez R., Lema J.M.	Water Research	87
208	1997	Dynamic optimization of batch reactors using adaptive stochastic algorithms	Carrasco E.F., Banga J.R.	Industrial and Engineering Chemistry Research	87
209	2015	Integration of the Anammox process to the rejection water and main stream lines of WWTPs	Morales N., Val del Rio A., Vazquez-Padin J.R., Mendez R., Mosquera-Corral A., Campos J.L.	Chemosphere	86
210	2012	Immobilisation of laccase on Eupergit supports and its application for the removal of endocrine disrupting chemicals in a packed-bed reactor	Lloret L., Hollmann F., Eibes G., Feijoo G., Moreira M.T., Lema J.M.	Biodegradation	86
211	2011	Shrinkage, density, porosity and shape changes during dehydration of pumpkin (<i>Cucurbita pepo</i> L.) fruits	Mayor L., Moreira R., Sereno A.M.	Journal of Food Engineering	86
212	2010	Antiradical activity, phenolics profile, and hydroxymethylfurfural in espresso coffee: Influence of technological factors	Alves R.C., Costa A.S.G., Jerez M., Casal S., Sineiro J., Nunez M.J., Oliveira B.	Journal of Agricultural and Food Chemistry	86
213	2007	Use of a green and cheap ionic liquid to purify gasoline octane boosters	Arce A., Rodriguez H., Soto A.	Green Chemistry	86
214	1996	Surface tension of aqueous solutions of diethanolamine and triethanolamine from 25°C to 50°C	Vazquez G., Alvarez E., Rendo R., Romero E., Navaza J.M.	Journal of Chemical and Engineering Data	86
215	2013	Removal of estrogenic compounds from filtered secondary wastewater effluent in a continuous enzymatic membrane reactor. Identification of biotransformation products	Lloret L., Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Environmental Science and Technology	85
216	2012	Mass balance of pharmaceutical and personal care products in a pilot-scale single-sludge system: Influence of T, SRT and recirculation ratio	Suarez S., Reif R., Lema J.M., Omil F.	Chemosphere	85
217	2010	Comparative environmental performance of lignocellulosic ethanol from different feedstocks	Gonzalez-Garcia S., Moreira M.T., Feijoo G.	Renewable and Sustainable Energy Reviews	85
218	2011	Inventory of heavy metal content in organic waste applied as fertilizer in agriculture: Evaluating the risk of transfer into the food chain	Lopes C., Herva M., Franco-Uria A., Roca E.	Environmental Science and Pollution Research	84
219	2009	Environmental performance assessment of hardboard manufacture	Gonzalez-Garcia S., Feijoo G., Widsten P., Kandelbauer A., Zikulnig-Rusch E., Moreira M.T.	International Journal of Life Cycle Assessment	84
220	2009	Ozonation strategies to reduce sludge production of a seafood industry WWTP	Campos J.L., Otero L., Franco A., Mosquera-Corral A., Roca E.	Bioresource Technology	84
221	2007	Procyanidins from pine bark: Relationships between structure, composition and antiradical activity	Jerez M., Tourino S., Sineiro J., Torres J.L., Nunez M.J.	Food Chemistry	84
222	2005	Anaerobic treatment of azo dye Acid Orange 7 under batch conditions	Mendez-Paz D., Omil F., Lema J.M.	Enzyme and Microbial Technology	84
223	1997	Bleaching of oxygen delignified kraft pulp by several white rot fungal strains	Moreira M.T., Feijoo G., Sierra-Alvarez R., Lema J., Field J.A.	Journal of Biotechnology	84
224	2013	Comparative environmental performance of three different annual energy crops for biogas production in Northern Italy	Gonzalez-Garcia S., Bacenetti J., Negri M., Fiala M., Arroja L.	Journal of Cleaner Production	83
225	2011	Correlations between molecular and operational parameters in continuous lab-scale anaerobic reactors	Carballa M., Smits M., Etchebehere C., Boon N., Verstraete W.	Applied Microbiology and Biotechnology	83
226	2018	Application of hull, bur and leaf chestnut extracts on the shelf-life of beef patties stored under MAP: Evaluation of their impact on physicochemical properties, lipid oxidation, antioxidant, and antimicrobial potential	Zamuz S., Lopez-Pedrouso M., Barba F.J., Lorenzo J.M., Dominguez H., Franco D.	Food Research International	82
227	2015	Physicochemical and microbial changes during the manufacturing process of dry-cured lacón salted with potassium, calcium and magnesium chloride as a partial replacement for sodium chloride	Lorenzo J.M., Bermudez R., Dominguez R., Guiotto A., Franco D., Purrinos L.	Food Control	82

228	2012	Enhanced oil recovery using the ionic liquid trihexyl(tetradecyl) phosphonium chloride: Phase behaviour and properties	Lago S., Rodriguez H., Khoshkbarchi M.K., Soto A., Arce A.	RSC Advances	82
229	2012	Biotransformation of three pharmaceutical active compounds by the fungus <i>Phanerochaete chrysosporium</i> in a fed batch stirred reactor under air and oxygen supply	Rodarte-Morales A.I., Feijoo G., Moreira M.T., Lema J.M.	Biodegradation	82
230	2011	Long-chain acylhomoserine lactones increase the anoxic ammonium oxidation rate in an OLAND biofilm	De Clippeleir H., Defoirdt T., Vanhaecke L., Vlaeminck S.E., Carballa M., Verstraete W., Boon N.	Applied Microbiology and Biotechnology	82
231	2004	Dye Decolorization by Manganese Peroxidase in an Enzymatic Membrane Bioreactor	Lopez C., Moreira M.T., Feijoo G., Lema J.M.	Biotechnology Progress	82
232	1999	Nitrification at high ammonia loading rates in an activated sludge unit	Campos J.L., Garrido-Fernandez J.M., Mendez R., Lema J.M.	Bioresource Technology	82
233	2014	Photophysical study of Thioflavin T as fluorescence marker of amyloid fibrils	Freire S., De Araujo M.H., Al-Soufi W., Novo M.	Dyes and Pigments	81
234	2014	Growth performance, carcass and meat quality of the Celta pig crossbred with Duroc and Landrace genotypes	Franco D., Vazquez J.A., Lorenzo J.M.	Meat Science	81
235	2013	Sustainable production of biologically active molecules of marine based origin	Murray P.M., Moane S., Collins C., Beletskaya T., Thomas O.P., Duarte A.W.F., Nobre F.S., Owoyemi I.O., Pagnocca F.C., Sette L.D., McHugh E., Causse E., Perez-Lopez P., Feijoo G., Moreira M., Rubiolo J., Leiros M., Botana L.M., Pinteus S., Alves C., Horta A., Pedrosa R., Jeffryes C., Agathos S.N., Allewaert C., Verween A., Vyverman W., Laptev I., Sineoky S., Bisio A., Manconi R., Ledda F., Marchi M., Pronzato R., Walsh D.J.	New Biotechnology	81
236	2011	Meat quality of "Galician Mountain" foals breed. Effect of sex, slaughter age and livestock production system	Franco D., Rodriguez E., Purrinos L., Crecente S., Bermudez R., Lorenzo J.M.	Meat Science	81
237	2010	Life cycle assessment of raw materials for non-wood pulp mills: Hemp and flax	Gonzalez-Garcia S., Hospido A., Feijoo G., Moreira M.T.	Resources, Conservation and Recycling	81
238	2002	Improved nitrogen removal by application of new nitrogen-cycle bacteria	Jetten M.S.M., Schmid M., Schmidt I., Wubben M., van Dongen U., Abma W., Sliemers O., Revsbech N.P., Beaumont H.J.E., Ottosen L., Volcke E., Laanbroek H.J., Campos-Gomez J.L., Cole J., van Loosdrecht M., Mulder J.W., Fuerst J., Richardson D., van de Pas K., Mendez-Pampin R., Third K., Cirpus I., van Spanning R., Bollmann A., Nielsen L.P., den Camp H.O., Schultz C., Gundersen J., Vanrolleghem P., Strous M., Wagner M., Kuenen J.G.	Reviews in Environmental Science and Biotechnology	81
239	2000	Different fungal manganese-oxidizing peroxidases: A comparison between <i>Bjerkandera</i> sp. and <i>Phanerochaete chrysosporium</i>	Palma C., Martinez A.T., Lema J.M., Martinez M.J.	Journal of Biotechnology	81
240	1998	Surface tension of binary mixtures of water + N-methyldiethanolamine and ternary mixtures of this amine and water with monoethanolamine, diethanolamine, and 2-amino-2-methyl-1-propanol from 25 to 50 °C	Alvarez E., Rendo R., Sanjurjo B., Sanchez-Vilas M., Navaza J.M.	Journal of Chemical and Engineering Data	80
241	2014	Effect of addition of green tea, chestnut and grape extract on the shelf-life of pig liver pâté	Pateiro M., Lorenzo J.M., Amado I.R., Franco D.	Food Chemistry	79
242	2011	Environmental assessment of green hardboard production coupled with a laccase activated system	Gonzalez-Garcia S., Feijoo G., Heathcote C., Kandelbauer A., Moreira M.T.	Journal of Cleaner Production	79
243	2007	Citrus essential oil terpenes by extraction using 1-ethyl-3-methylimidazolium ethylsulfate ionic liquid: Effect of the temperature	Arce A., Pobudkowska A., Rodriguez O., Soto A.	Chemical Engineering Journal	79
244	2004	On the Activity of Ions and the Junction Potential: Revised Values for All Data	Wilczek-Vera G., Rodil E., Vera J.H.	AIChE Journal	79
245	2017	The prospective use of biochar as adsorption matrix – A review from a lifecycle perspective	Moreira M.T., Noya I., Feijoo G.	Bioresource Technology	78
246	2016	Beyond the conventional life cycle inventory in wastewater treatment plants	Lorenzo-Toja Y., Alfonsin C., Amores M.J., Aldea X., Marin D., Moreira M.T., Feijoo G.	Science of the Total Environment	78
247	2014	Cross effect of temperature, pH and free ammonia on autotrophic denitrification process with sulphide as electron donor	Fajardo C., Mora M., Fernandez I., Mosquera-Corral A., Campos J.L., Mendez R.	Chemosphere	78
248	2010	Environmental profile of ethanol from poplar biomass as transport fuel in Southern Europe	Gonzalez-Garcia S., Gasol C.M., Gabarrell X., Rieradevall J., Moreira M.T., Feijoo G.	Renewable Energy	78
249	2001	In vitro degradation of a polymeric dye (Poly R-478) by manganese peroxidase	Moreira M.T., Palma C., Mielgo I., Feijoo G., Lema J.M.	Biotechnology and Bioengineering	78
250	2013	Biodegradation kinetic constants and sorption coefficients of micropollutants in membrane bioreactors	Fernandez-Fontaina E., Pinho I., Carballa M., Omil F., Lema J.M.	Biodegradation	77
251	2012	Comparative life cycle assessment of ethanol production from fast-growing wood crops (black locust, eucalyptus and poplar)	Gonzalez-Garcia S., Moreira M.T., Feijoo G., Murphy R.J.	Biomass and Bioenergy	77
252	2006	Effect of anion fluorination in 1-ethyl-3-methylimidazolium as solvent for the liquid extraction of ethanol from ethyl tert-butyl ether	Arce A., Rodriguez H., Soto A.	Fluid Phase Equilibria	77
253	2004	Experimental determination of liquid-liquid equilibrium using ionic liquids: Tert-amyl ethyl ether + ethanol + 1-octyl-3-methylimidazolium chloride system at 298.15 K	Arce A., Rodriguez O., Soto A.	Journal of Chemical and Engineering Data	77

254	2014	Life Cycle Assessment of broiler chicken production: A Portuguese case study	Gonzalez-Garcia S., Gomez-Fernandez Z., Dias A.C., Feijoo G., Moreira M.T., Arroja L.	Journal of Cleaner Production	76
255	2012	Long term operation of a granular sequencing batch reactor at pilot scale treating a low-strength wastewater	Isanta E., Suarez-Ojeda M.E., Val del Rio A., Morales N., Perez J., Carrera J.	Chemical Engineering Journal	76
256	2008	Use of a hybrid membrane bioreactor for the treatment of saline wastewater from a fish canning factory	Artiga P., Garcia-Toriello G., Mendez R., Garrido J.M.	Desalination	76
257	2007	Calculation methods to perform mass balances of micropollutants in sewage treatment plants. Application to pharmaceutical and personal care products (PPCPs)	Carballa M., Omil F., Lema J.M.	Environmental Science and Technology	76
258	2005	A novel method for the preparation of silver chloride nanoparticles starting from their solid powder using microemulsions	Husein M.M., Rodil E., Vera J.H.	Journal of Colloid and Interface Science	76
259	1995	Liquid-Liquid Equilibria of the Ternary Mixtures Water + Propanoic Acid + Methyl Ethyl Ketone and Water + Propanoic Acid + Methyl Propyl Ketone	Arce A., Blanco A., Souza P., Vidal I.	Journal of Chemical and Engineering Data	76
260	2010	Multiple-objective evaluation of wastewater treatment plant control alternatives	Flores-Alsina X., Gallego A., Feijoo G., Rodriguez-Roda I.	Journal of Environmental Management	75
261	2005	Treatment of two industrial wastewaters in a submerged membrane bioreactor	Artiga P., Ficara E., Malpei F., Garrido J.M., Mendez R.	Desalination	75
262	2017	Proximate composition, phenolic content and in vitro antioxidant activity of aqueous extracts of the seaweeds <i>Ascophyllum nodosum</i> , <i>Bifurcaria bifurcata</i> and <i>Fucus vesiculosus</i> . Effect of addition of the extracts on the oxidative stability of canola oil under accelerated storage conditions	Agregan R., Munekata P.E., Dominguez R., Carballo J., Franco D., Lorenzo J.M.	Food Research International	74
263	2010	Environmental impact efficiency in mussel cultivation	Lozano S., Iribarren D., Moreira M.T., Feijoo G.	Resources, Conservation and Recycling	74
264	2006	Density, viscosity, excess molar volume, and viscosity deviation of three amyl alcohols + ethanol binary mixtures from 293.15 to 323.15 K	Alvarez E., Cancela A., Maceiras R., Navaza J.M., Taboas R.	Journal of Chemical and Engineering Data	74
265	2001	Antioxidant activity of extracts from <i>Gevuina avellana</i> and <i>Rosa rubiginosa</i> defatted seeds	Moure A., Franco D., Sineiro J., Dominguez H., Nuez M.J., Lema J.M.	Food Research International	74
266	1998	Experimental data and modelling of apparent molar volumes, isentropic compressibilities and refractive indices in aqueous solutions of glycine+NaCl	Soto A., Arce A., Khoshkbarchi M.K.	Biophysical Chemistry	74
267	2015	Removal of PPCPs from the sludge supernatant in a one stage nitrification/anammox process	Alvarino T., Suarez S., Katsou E., Vazquez-Padin J., Lema J.M., Omil F.	Water Research	73
268	2012	Influence of the salting time on volatile compounds during the manufacture of dry-cured pork shoulder "Iacón"	Purrinos L., Franco D., Carballo J., Lorenzo J.M.	Meat Science	73
269	1989	Semi-micro C.O.D. determination method for high-salinity wastewater	Soto M., Veiga M.C., Mendez R., Lema J.M.	Environmental Technology Letters	73
270	2012	Degradation of estrogens by laccase from <i>Myceliophthora thermophila</i> in fed-batch and enzymatic membrane reactors	Lloret L., Eibes G., Feijoo G., Moreira M.T., Lema J.M.	Journal of Hazardous Materials	72
271	2008	Improvement of the anaerobic treatment of potato processing wastewater in a UASB reactor by co-digestion with glycerol	Ma J., Van Wambeke M., Carballa M., Verstraete W.	Biotechnology Letters	72
272	2008	(Liquid + liquid) equilibria of [C8mim][NTf2] ionic liquid with a sulfur-component and hydrocarbons	Alonso L., Arce A., Francisco M., Soto A.	Journal of Chemical Thermodynamics	72
273	2004	tert-Amyl ethyl ether separation from its mixtures with ethanol using the 1-butyl-3-methylimidazolium trifluoromethanesulfonate ionic liquid: Liquid-liquid equilibrium	Arce A., Rodriguez O., Soto A.	Industrial and Engineering Chemistry Research	72
274	2001	Effect of two broad-spectrum antibiotics on activity and stability of continuous nitrifying system	Campos J.L., Garrido J.M., Mendez R., Lema J.M.	Applied Biochemistry and Biotechnology - Part A Enzyme Engineering and Biotechnology	72
275	2000	Influence of C:N ratio on the start-up of up-flow anaerobic filter reactors	Punal A., Trevisan M., Rozzi A., Lema J.M.	Water Research	72
276	2019	Application of immobilized TiO2 on PVDF dual layer hollow fibre membrane to improve the photocatalytic removal of pharmaceuticals in different water matrices	Paredes L., Murgolo S., Dzinun H., Dzarfan Othman M.H., Ismail A.F., Carballa M., Mascolo G.	Applied Catalysis B: Environmental	71
277	2009	Influence of temperature on the hydrolysis, acidogenesis and methanogenesis in mesophilic anaerobic digestion: Parameter identification and modeling application	Donoso-Bravo A., Retamal C., Carballa M., Ruiz-Filippi G., Chamy R.	Water Science and Technology	71
278	2008	Application of mutually immiscible ionic liquids to the separation of aromatic and aliphatic hydrocarbons by liquid extraction: A preliminary approach	Arce A., Earle M.J., Katdare S.P., Rodriguez H., Seddon K.R.	Physical Chemistry Chemical Physics	71
279	2004	Life Cycle Assessment as a Tool for the Environmental Improvement of the Tannery Industry in Developing Countries	Rivela B., Moreira M.T., Bornhardt C., Mendez R., Feijoo G.	Environmental Science and Technology	71
280	2021	Novel strategy for developing healthy meat products replacing saturated fat with oleogels	Lopez-Pedrouso M., Lorenzo J.M., Gullon B., Campagnol P.C.B., Franco D.	Current Opinion in Food Science	70
281	2017	Phenolic compounds from three brown seaweed species using LC-DAD-ESI-MS/MS	Agregan R., Munekata P.E.S., Franco D., Dominguez R., Carballo J., Lorenzo J.M.	Food Research International	70

282	2015	Selection of odour removal technologies in wastewater treatment plants: A guideline based on Life Cycle Assessment	Alfonsin C., Lebrero R., Estrada J.M., Munoz R., Kraakman N.J.R., Feijoo G., Moreira M.A.T.	Journal of Environmental Management	70
283	2014	Environmental profile of paddy rice cultivation with different straw management	Fusi A., Bacenetti J., Gonzalez-Garcia S., Vercesi A., Bocchi S., Fiala M.	Science of the Total Environment	70
284	2006	Uptake of phenol from aqueous solutions by adsorption in a Pinus pinaster bark packed bed	Vazquez G., Alonso R., Freire S., Gonzalez-Alvarez J., Antorrana G.	Journal of Hazardous Materials	70
285	1995	Enzyme-assisted hexane extraction of soya bean oil	Dominguez H., Nunez M.J., Lema J.M.	Food Chemistry	70
286	2020	Purple phototrophic bacteria for resource recovery: Challenges and opportunities	Capson-Tojo G., Batstone D.J., Grassino M., Vlaeminck S.E., Puyol D., Verstraete W., Kleerebezem R., Oehmen A., Ghimire A., Pikaar I., Lema J.M., Hulsen T.	Biotechnology Advances	69
287	2017	The environmental effect of substituting energy crops for food waste as feedstock for biogas production	Lijo L., Gonzalez-Garcia S., Bacenetti J., Moreira M.T.	Energy	69
288	2015	Advanced technologies for water treatment and reuse	Uribe I.O., Mosquera-Corral A., Lema J.M., Esplugas S.	AIChE Journal	69
289	2010	Influence of the particle size on the rheological behaviour of chestnut flour doughs	Moreira R., Chenlo F., Torres M.D., Prieto D.M.	Journal of Food Engineering	69
290	2006	Life cycle assessment of wood wastes: A case study of ephemeral architecture	Rivela B., Moreira M.T., Munoz I., Rieradevall J., Feijoo G.	Science of the Total Environment	69
291	2004	Improvement of the settling properties of Anammox sludge in an SBR	Dapena-Mora A., Arrojo B., Campos J.L., Mosquera-Corral A., Mendez R.	Journal of Chemical Technology and Biotechnology	69
292	2000	Mass transfer and influence of physical properties of solutions in a bubble column	Alvarez E., Sanjurjo B., Cancela A., Navaza J.M.	Chemical Engineering Research and Design	69
293	2015	Tackling proteome changes in the longissimus thoracis bovine muscle in response to pre-slaughter stress	Franco D., Mato A., Salgado F.J., Lopez-Pedrouso M., Carrera M., Bravo S., Parrado M., Gallardo J.M., Zapata C.	Journal of Proteomics	68
294	2012	Environmental assessment of energy production based on long term commercial willow plantations in Sweden	Gonzalez-Garcia S., Mola-Yudego B., Dimitriou I., Aronsson P., Murphy R.	Science of the Total Environment	68
295	2010	Effect of novel food processing methods on packaging: Structure, composition, and migration properties	Guillard V., Mauricio-Iglesias M., Gontard N.	Critical Reviews in Food Science and Nutrition	68
296	2009	Environmental impact assessment of total chlorine free pulp from Eucalyptus globulus in Spain	Gonzalez-Garcia S., Hospido A., Moreira M.T., Romero J., Feijoo G.	Journal of Cleaner Production	68
297	2000	Application of the Danckwerts method in a bubble column effects of surfactants on mass transfer coefficient and interfacial area	Vazquez G., Cancela M.A., Riverol C., Alvarez E., Navaza J.M.	Chemical Engineering Journal	68
298	2017	Optimization of solvent extraction of antioxidants from Eucalyptus globulus leaves by response surface methodology: Characterization and assessment of their bioactive properties	Gullon B., Gullon P., Lu-Chau T.A., Moreira M.T., Lema J.M., Eibes G.	Industrial Crops and Products	67
299	2016	Understanding the fate of organic micropollutants in sand and granular activated carbon biofiltration systems	Paredes L., Fernandez-Fontaina E., Lema J.M., Omil F., Carballa M.	Science of the Total Environment	67
300	2015	Valorisation of fish by-products against waste management treatments - Comparison of environmental impacts	Lopes C., Antelo L.T., Franco-Uria A., Alonso A.A., Perez-Martin R.	Waste Management	67
301	2010	Nitrifying granular systems: A suitable technology to obtain stable partial nitrification at room temperature	Vazquez-Padin J.R., Figueroa M., Campos J.L., Mosquera-Corral A., Mendez R.	Separation and Purification Technology	67
302	1995	Treatment of seafood-processing wastewaters in mesophilic and thermophilic anaerobic filters	Mendez R., Lema J.M., Soto M.	Water Environment Research	67
303	2018	Chestnuts and by-products as source of natural antioxidants in meat and meat products: A review	Echegaray N., Gomez B., Barba F.J., Franco D., Estevez M., Carballo J., Marszalek K., Lorenzo J.M.	Trends in Food Science and Technology	66
304	2014	Life cycle assessment of nutrient removal technologies for the treatment of anaerobic digestion supernatant and its integration in a wastewater treatment plant	Rodriguez-Garcia G., Frison N., Vazquez-Padin J.R., Hospido A., Garrido J.M., Fatone F., Bolzonella D., Moreira M.T., Feijoo G.	Science of the Total Environment	66
305	2012	Best practices in life cycle assessment implementation in fisheries. Improving and broadening environmental assessment for seafood production systems	Vazquez-Rowe I., Hospido A., Moreira M.T., Feijoo G.	Trends in Food Science and Technology	66
306	2011	Dual functional ionic liquids as plasticisers and antimicrobial agents for medical polymers	Choi S.Y., Rodriguez H., Mirjafari A., Gilpin D.F., McGrath S., Malcolm K.R., Tunney M.M., Rogers R.D., McNally T.	Green Chemistry	66
307	2010	Carbon footprint of canned mussels from a business-to-consumer approach. A starting point for mussel processors and policy makers	Iribarren D., Hospido A., Moreira M.T., Feijoo G.	Environmental Science and Policy	66
308	2009	Effect of finishing and ageing time on quality attributes of loin from the meat of Holstein-Friesian cull cows	Franco D., Bispo E., Gonzalez L., Vazquez J.A., Moreno T.	Meat Science	66
309	2006	Densities and viscosities of aqueous ternary mixtures of 2-(methylamino)ethanol and 2-(ethylamino)ethanol with diethanolamine, triethanolamine, N-methyldiethanolamine, or 2-amino-1-methyl-1-propanol from 298.15 to 323.15 K	Alvarez E., Gomez-Diaz D., La Rubia M.D., Navaza J.M.	Journal of Chemical and Engineering Data	66
310	2005	Complete degradation of anthracene by Manganese Peroxidase in organic solvent mixtures	Eibes G., Lu-Chau T., Feijoo G., Moreira M.T., Lema J.M.	Enzyme and Microbial Technology	66

311	2018	Assessing the sustainability of Spanish cities considering environmental and socio-economic indicators	Gonzalez-Garcia S., Manteiga R., Moreira M.T., Feijoo G.	Journal of Cleaner Production	65
312	2017	Eco-efficiency assessment of farm-scaled biogas plants	Lijo L., Lorenzo-Toja Y., Gonzalez-Garcia S., Bacenetti J., Negri M., Moreira M.T.	Bioresource Technology	65
313	2016	A UASB reactor coupled to a hybrid aerobic MBR as innovative plant configuration to enhance the removal of organic micropollutants	Alvarino T., Suarez S., Garrido M., Lema J.M., Omil F.	Chemosphere	65
314	2009	Biphasic liquid mixtures of ionic liquids and polyethylene glycols	Rodriguez H., Francisco M., Rahman M., Sun N., Rogers R.D.	Physical Chemistry Chemical Physics	65
315	2006	Essential oil terpenes by extraction using organic solvents or ionic liquids	Arce A., Marchiaro A., Rodriguez O., Soto A.	AIChE Journal	65
316	2002	Biodegradation of a polymeric dye in a pulsed bed bioreactor by immobilised <i>Phanerochaete chrysosporium</i>	Mielgo I., Moreira M.T., Feijoo G., Lema J.M.	Water Research	65
317	2012	Alkaline pre-treatment of waste chestnut shell from a food industry to enhance cadmium, copper, lead and zinc ions removal	Vazquez G., Mosquera O., Freire M.S., Antorrena G., Gonzalez-alvarez J.	Chemical Engineering Journal	64
318	2010	Estimation of the carbon footprint of the Galician fishing activity (NW Spain)	Iribarren D., Vazquez-Rowe I., Hospido A., Moreira M.T., Feijoo G.	Science of the Total Environment	64
319	2010	Evaluation of the polysubstituted pyridinium ionic liquid [hmmpy][Ntf2] as a suitable solvent for desulfurization: Phase equilibria	Arce A., Francisco M., Soto A.	Journal of Chemical Thermodynamics	64
320	2010	Physico-chemical properties of binary and ternary mixtures of ethyl acetate + ethanol + 1-butyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide at 298.15 K and atmospheric pressure	Andreatta A.E., Arce A., Rodil E., Soto A.	Journal of Solution Chemistry	64
321	2006	Biodegradation of polycyclic aromatic hydrocarbons in forest and salt marsh soils by white-rot fungi	Valentin L., Feijoo G., Moreira M.T., Lema J.M.	International Biodeterioration and Biodegradation Journal of Chemical Technology & Biotechnology	64
322	1993	Sodium inhibition and sulphate reduction in the anaerobic treatment of mussel processing wastewaters	Soto M., Mendez R., Lema J.M.	Journal of the Science of Food and Agriculture	64
323	2020	Evaluation of linseed oil oleogels to partially replace pork backfat in fermented sausages	Franco D., Martins A.J., Lopez-Pedrouso M., Cerqueira M.A., Purrinos L., Pastrana L.M., Vicente A.A., Zapata C., Lorenzo J.M.	Journal of the Science of Food and Agriculture	63
324	2014	Comparative environmental and energy profiles of potential bioenergy production chains in Southern Europe	Gonzalez-Garcia S., Dias A.C., Clermidy S., Benoist A., Bellon Maurel V., Gasol C.M., Gabarrell X., Arroja L.	Journal of Cleaner Production	63
325	2013	Environmental life cycle assessment of a dairy product: The yoghurt	Gonzalez-Garcia S., Castanheira E.G., Dias A.C., Arroja L.	International Journal of Life Cycle Assessment	63
326	2013	Environmental life cycle assessment of a galician cheese: San Simon da Costa	Gonzalez-Garcia S., Hospido A., Moreira M.T., Feijoo G., Arroja L.	Journal of Cleaner Production	63
327	2012	Present and future environmental impact of poplar cultivation in the Po Valley (Italy) under different crop management systems	Gonzalez-Garcia S., Bacenetti J., Murphy R.J., Fiala M.	Journal of Cleaner Production	63
328	2012	On the double role of surfactants as microalga cell lysis agents and antioxidants extractants	Ulloa G., Coutens C., Sanchez M., Sineiro J., Fabregas J., Deive F.J., Rodriguez A., Nunez M.J.	Green Chemistry	63
329	2002	A thermodynamic study on binary and ternary mixtures of acetonitrile, water and butyl acetate	Acosta J., Arce A., Rodil E., Soto A.	Fluid Phase Equilibria	63
330	1994	Enzymatic saccharification of alkali-treated sunflower hulls	Soto M.L., Dominguez H., Nunez M.J., Lema J.M.	Bioresource Technology	63
331	2016	Role of biotransformation, sorption and mineralization of ¹⁴ C-labelled sulfamethoxazole under different redox conditions	Alvarino T., Nastold P., Suarez S., Omil F., Corvini P.F.X., Bouju H.	Science of the Total Environment	62
332	2014	Environmental assessment of the integrated municipal solid waste management system in Porto (Portugal)	Herva M., Neto B., Roca E.	Journal of Cleaner Production	62
333	2011	Development of Volatile Compounds during the Manufacture of Dry-Cured "Lacón," a Spanish Traditional Meat Product	Purrinos L., Bermudez R., Franco D., Carballo J., Lorenzo J.M.	Journal of Food Science	62
334	2010	Intramuscular fatty acid composition of "Galician Mountain" foals breed. Effect of sex, slaughtered age and livestock production system	Lorenzo J.M., Fucinos C., Purrinos L., Franco D.	Meat Science	62
335	2009	Life cycle assessment of flax shives derived second generation ethanol fueled automobiles in Spain	Gonzalez-Garcia S., Luo L., Moreira M.T., Feijoo G., Huppel G.	Renewable and Sustainable Energy Reviews	62
336	2006	Influence of extraction conditions on phenolic yields from pine bark: Assessment of procyanidins polymerization degree by thiolysis	Jerez M., Pinelo M., Sineiro J., Nunez M.J.	Food Chemistry	62
337	1995	Lignin-phenol-formaldehyde adhesives for exterior grade plywoods	Vazquez G., Antorrena G., Gonzalez J., Mayor J.	Bioresource Technology	62
338	2018	Valorisation of olive agro-industrial by-products as a source of bioactive compounds	Gullon B., Gullon P., Eibes G., Cara C., De Torres A., Lopez-Linares J.C., Ruiz E., Castro E.	Science of the Total Environment	61
339	2018	Hydrothermal treatment of chestnut shells (<i>Castanea sativa</i>) to produce oligosaccharides and antioxidant compounds	Gullon B., Eibes G., Davila I., Moreira M.T., Labidi J., Gullon P.	Carbohydrate Polymers	61
340	2018	Main groups of microorganisms of relevance for food safety and stability: General aspects and overall description	Lorenzo J.M., Munekata P.E., Dominguez R., Pateiro M., Saraiva J.A., Franco D.	Innovative technologies for food preservation: Inactivation of spoilage and pathogenic microorganisms	61

341	2011	Environmental assessment of the Atlantic mackerel (<i>Scomber scombrus</i>) season in the Basque Country. Increasing the timeline delimitation in fishery LCA studies	Ramos S., Vazquez-Rowe I., Artetxe I., Moreira M.T., Feijoo G., Zufia J.	International Journal of Life Cycle Assessment	61
342	2010	Wheat gluten nanocomposite films as food-contact materials: Migration tests and impact of a novel food stabilization technology (High pressure)	Mauricio-Iglesias M., Peyron S., Guillard V., Gontard N.	Journal of Applied Polymer Science	61
343	2010	Revisiting the Life Cycle Assessment of mussels from a sectorial perspective	Iribarren D., Moreira M.T., Feijoo G.	Journal of Cleaner Production	61
344	2007	Phase equilibria of mixtures of mutually immiscible ionic liquids	Arce A., Earle M.J., Katdare S.P., Rodriguez H., Seddon K.R.	Fluid Phase Equilibria	61
345	2007	Bioremediation of HCH present in soil by the white-rot fungus <i>Bjerkandera adusta</i> in a slurry batch bioreactor	Quintero J.C., Lu-Chau T.A., Moreira M.T., Feijoo G., Lema J.M.	International Biodeterioration and Biodegradation	61
346	2003	Formation of silver chloride nanoparticles in microemulsions by direct precipitation with the surfactant counterion	Husein M., Rodil E., Vera J.	Langmuir	61
347	2000	Physical and equilibrium properties of diisopropyl ether+isopropyl alcohol+water system	Arce A., Arce Jr. A., Martinez-Ageitos J., Rodil E., Rodriguez O., Soto A.	Fluid Phase Equilibria	61
348	2012	A methodology to estimate greenhouse gases emissions in Life Cycle Inventories of wastewater treatment plants	Rodriguez-Garcia G., Hospido A., Bagley D.M., Moreira M.T., Feijoo G.	Environmental Impact Assessment Review	60
349	2008	An approach for the application of the Ecological Footprint as environmental indicator in the textile sector	Herva M., Franco A., Ferreira S., Alvarez A., Roca E.	Journal of Hazardous Materials	60
350	2007	Adsorption of phenol on formaldehyde-pretreated <i>Pinus pinaster</i> bark: Equilibrium and kinetics	Vazquez G., Gonzalez-Alvarez J., Garcia A.I., Freire M.S., Antorrena G.	Bioresource Technology	60
351	2001	Simultaneous urea hydrolysis, formaldehyde removal and denitrification in a multifed upflow filter under anoxic and anaerobic conditions	Garrido J.M., Mendez R., Lema J.M.	Water Research	60
352	2013	Effect of the inclusion of chestnut in the finishing diet on volatile compounds of dry-cured ham from celta pig breed	Lorenzo J.M., Carballo J., Franco D.	Journal of Integrative Agriculture	59
353	2012	Response surface optimization of antioxidants extraction from chestnut (<i>Castanea sativa</i>) bur	Vazquez G., Fernandez-Agullo A., Gomez-Castro C., Freire M.S., Antorrena G., Gonzalez-Alvarez J.	Industrial Crops and Products	59
354	2011	Assessing the global warming potential of wooden products from the furniture sector to improve their ecodesign	Gonzalez-Garcia S., Gasol C.M., Lozano R.G., Moreira M.T., Gabarrell X., Rieradevall i Pons J., Feijoo G.	Science of the Total Environment	59
355	2009	Identification of best available techniques in the seafood industry: a case study	Barros M.C., Magan A., Valino S., Bello P.M., Casares J.J., Blanco J.M.	Journal of Cleaner Production	59
356	2003	Surface tension of aqueous binary mixtures of 1-amino-2-propanol and 3-amino-1-propanol, and aqueous ternary mixtures of these amines with diethanolamine, triethanolamine, and 2-amino-2-methyl-1-propanol from (298.15 to 323.15) K	Alvarez E., Cancela A., Maceiras R., Navaza J.M., Taboas R.	Journal of Chemical and Engineering Data	59
357	2001	Characteristics of <i>Pinus pinaster</i> bark extracts obtained under various extraction conditions Charakterisie	Vazquez G., Gonzalez-Alvarez J., Freire S., Lopez-Suevos F., Antorrena G.	Holz als Roh - und Werkstoff	59
358	1998	Optimization of the enzymatic treatment during aqueous oil extraction from sunflower seeds	Sineiro J., Dominguez H., Nunez M.J., Lema J.M.	Food Chemistry	59
359	1998	Review: Anaerobic treatment of municipal sanitary landfill leachates: The problem of refractory and toxic components	Alkalay D., Guerrero L., Lema J.M., Mendez R., Chamy R.	World Journal of Microbiology and Biotechnology	59
360	1997	Grape drying in a pilot plant with a heat pump	Vazquez G., Chenlo F., Moreira R., Cruz E.	Drying Technology	59
361	2011	Thermal pre-treatment of aerobic granular sludge: Impact on anaerobic biodegradability	Val del Rio A., Morales N., Isanta E., Mosquera-Corral A., Campos J.L., Steyer J.P., Carrere H.	Water Research	58
362	2011	Environmental assessment: (LCA) and spatial modelling (GIS) of energy crop implementation on local scale	Gasol C.M., Gabarrell X., Rigola M., Gonzalez-Garcia S., Rieradevall J.	Biomass and Bioenergy	58
363	2010	Life Cycle Assessment of fresh and canned mussel processing and consumption in Galicia (NW Spain)	Iribarren D., Moreira M.T., Feijoo G.	Resources, Conservation and Recycling	58
364	2006	Anammox process for nitrogen removal from anaerobically digested fish canning effluents	Dapena-Mora A., Campos J.L., Mosquera-Corral A., Mendez R.	Water Science and Technology	58
365	2006	Kinetics of osmotic dehydration of pumpkin with sodium chloride solutions	Mayor L., Moreira R., Chenlo F., Sereno A.M.	Journal of Food Engineering	58
366	2017	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons	Perez-Lopez P., de Vree J.H., Feijoo G., Bosma R., Barbosa M.J., Moreira M.T., Wijffels R.H., van Boxtel A.J.B., Kleingris D.M.M.	Applied Energy	57
367	2017	Outstanding electrochemical performance of highly N- and O-doped carbons derived from pine tannin	Sanchez-Sanchez A., Izquierdo M.T., Mathieu S., Gonzalez-Alvarez J., Celzard A., Fierro V.	Green Chemistry	57
368	2016	The granular biomass properties and the acclimation period affect the partial nitrification/anammox process stability at a low temperature and ammonium concentration	Morales N., Val del Rio A., Vazquez-Padin J.R., Mendez R., Campos J.L., Mosquera-Corral A.	Process Biochemistry	57
369	2014	Combined physical and chemical absorption of carbon dioxide in a mixture of ionic liquids	Pinto A.M., Rodriguez H., Arce A., Soto A.	Journal of Chemical Thermodynamics	57
370	2013	Desulfurization of fuel-oils with [C2mim][NTf2]: A comparative study	Rodriguez-Cabo B., Soto A., Arce A.	Journal of Chemical Thermodynamics	57
371	2010	Polycyclic aromatic hydrocarbons (PAHs) in two Spanish traditional smoked sausage varieties: "Androlla" and "Botillo"	Lorenzo J.M., Purrinos L., Fontan M.C.G., Franco D.	Meat Science	57
372	2010	Rheological behaviour of aqueous systems of tragacanth and guar gums with storage time	Chenlo F., Moreira R., Silva C.	Journal of Food Engineering	57
373	2005	Behaviour of pharmaceuticals and personal care products in a sewage treatment plant of northwest Spain	Carballa M., Omil F., Lema J.M., Llopart M., Garcia C., Rodriguez I., Gomez M., Ternes T.	Water Science and Technology	57

374	1996	Control of pellet morphology of filamentous fungi in fluidized bed bioreactors by means of a pulsing flow. Application to <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i>	Moreira M.T., Sanroman A., Feijoo G., Lema J.M.	Enzyme and Microbial Technology	57
375	1995	Aqueous processing of sunflower kernels with enzymatic technology	Dominguez H., Nunez M.J., Lema J.M.	Food Chemistry	57
376	2017	Effect of natural antioxidants in Spanish salchichón elaborated with encapsulated n-3 long chain fatty acids in konjac glucomannan matrix	Munekata P.E.S., Dominguez R., Franco D., Bermudez R., Trindade M.A., Lorenzo J.M.	Meat Science	56
377	2015	Comparative life cycle assessment of three representative feed cereals production in the Po Valley (Italy)	Noya I., Gonzalez-Garcia S., Bacenetti J., Arroja L., Moreira M.T.	Journal of Cleaner Production	56
378	2014	Assuring the sustainable production of biogas from anaerobic mono-digestion	Lijo L., Gonzalez-Garcia S., Bacenetti J., Fiala M., Feijoo G., Moreira M.T.	Journal of Cleaner Production	56
379	2013	Desulfurization of fuels by liquid-liquid extraction with 1-ethyl-3-methylimidazolium ionic liquids	Rodriguez-Cabo B., Arce A., Soto A.	Fluid Phase Equilibria	56
380	2011	Immobilization of laccase by encapsulation in a sol-gel matrix and its characterization and use for the removal of estrogens	Lloret L., Eibes G., Feijoo G., Moreira M.T., Lema J.M., Hollmann F.	Biotechnology Progress	56
381	2009	Influence of manganese and ammonium oxidation on the removal of 17 α -ethinylestradiol (EE2)	Forrez I., Carballa M., Noppe H., De Brabander H., Boon N., Verstraete W.	Water Research	56
382	2007	Processing of <i>Rosa rubiginosa</i> : Extraction of oil and antioxidant substances	Franco D., Pinelo M., Sineiro J., Nunez M.J.	Bioresource Technology	56
383	2003	Iron removal from kaolin. Comparison between "in situ" and "two-stage" bioleaching processes	Cameselle C., Ricart M.T., Nunez M.J., Lema J.M.	Hydrometallurgy	56
384	1996	Xylitol production by immobilized recombinant <i>Saccharomyces cerevisiae</i> in a continuous packed-bed bioreactor	Roca E., Meinander N., Hahn-Hagerdal B.	Biotechnology and Bioengineering	56
385	1993	Densities, Refractive Indices, and Excess Molar Volumes of the Ternary Systems Water + Methanol + 1-Octanol and Water + Ethanol + 1-Octanol and Their Binary Mixtures at 298.15 K	Arce A., Blanco A., Soto A., Vidal I.	Journal of Chemical and Engineering Data	56
386	2021	Molecular signatures of beef tenderness: Underlying mechanisms based on integromics of protein biomarkers from multi-platform proteomics studies	Gagaoua M., Terlouw E.M.C., Mullen A.M., Franco D., Warner R.D., Lorenzo J.M., Purslow P.P., Gerrard D., Hopkins D.L., Troy D., Picard B.	Meat Science	55
387	2020	Microencapsulation of healthier oils to enhance the physicochemical and nutritional properties of deer pâté	Vargas-Ramella M., Pateiro M., Barba F.J., Franco D., Campagnol P.C.B., Munekata P.E.S., Tomasevic I., Dominguez R., Lorenzo J.M.	LWT	55
388	2019	Biotransformation of organic micropollutants by anaerobic sludge enzymes	Gonzalez-Gil L., Krah D., Ghattas A.-K., Carballa M., Wick A., Helmholtz L., Lema J.M., Ternes T.A.	Water Research	55
389	2014	Modelling cometabolic biotransformation of organic micropollutants in nitrifying reactors	Fernandez-Fontaina E., Carballa M., Omil F., Lema J.M.	Water Research	55
390	2014	Including the environmental criteria when selecting a wastewater treatment plant	Garrido-Baserba M., Hospido A., Reif R., Molinos-Senante M., Comas J., Poch M.	Environmental Modelling and Software	55
391	2014	Effect of the inclusion of chestnut in the finishing diet on volatile compounds during the manufacture of dry-cured "Lacón" from Celta pig breed	Lorenzo J.M., Franco D., Carballo J.	Meat Science	55
392	2013	Optimisation of the biological pretreatment of wheat straw with white-rot fungi for ethanol production	Lopez-Abelairas M., Alvarez Pallin M., Salvachua D., Lu-Chau T., Martinez M.J., Lema J.M.	Bioprocess and Biosystems Engineering	55
393	2012	Is the CANON reactor an alternative for nitrogen removal from pre-treated swine slurry?	Figuerola M., Vazquez-Padin J.R., Mosquera-Corral A., Campos J.L., Mendez R.	Biochemical Engineering Journal	55
394	2010	Liquid-liquid equilibrium and interfacial tension of the ternary system heptane+thiophene+1-ethyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide	Rodriguez H., Francisco M., Soto A., Arce A.	Fluid Phase Equilibria	55
395	2010	Extraction ability of nitrogen-containing compounds involved in the desulfurization of fuels by using ionic liquids	Alonso L., Arce A., Francisco M., Soto A.	Journal of Chemical and Engineering Data	55
396	2007	Ethanol extraction of <i>Rosa rubiginosa</i> soluble substances: Oil solubility equilibria and kinetic studies	Franco D., Sineiro J., Pinelo M., Nunez M.J.	Journal of Food Engineering	55
397	2005	An innovative biofilm-suspended biomass hybrid membrane bioreactor for wastewater treatment	Artiga P., Oyanedel V., Garrido J.M., Mendez R.	Desalination	55
398	1990	A new device for measurement and control of gas production by bench scale anaerobic digesters	Veiga M.C., Soto M., Mendez R., Lema J.M.	Water Research	55
399	2018	Role of methanogenesis on the biotransformation of organic micropollutants during anaerobic digestion	Gonzalez-Gil L., Mauricio-Iglesias M., Serrano D., Lema J.M., Carballa M.	Science of the Total Environment	54
400	2018	Chitin production from crustacean biomass: Sustainability assessment of chemical and enzymatic processes	Lopes C., Antelo L.T., Franco-Uria A., Alonso A.A., Perez-Martin R.	Journal of Cleaner Production	54
401	2015	Comparison of several methods for the separation of poly(3-hydroxybutyrate) from <i>Cupriavidus necator</i> H16 cultures	Lopez-Abelairas M., Garcia-Torreiro M., Lu-Chau T., Lema J.M., Steinbuechel A.	Biochemical Engineering Journal	54
402	2014	Challenges in industrial fermentation technology research	Formenti L.R., Norregaard A., Bolic A., Hernandez D.Q., Hagemann T., Heins A.-L., Larsson H., Mears L., Mauricio-Iglesias M., Kruhne U., Gernaey K.V.	Biotechnology Journal	54
403	2013	Influence of muscle type on physicochemical and sensory properties of foal meat	Lorenzo J.M., Pateiro M., Franco D.	Meat Science	54
404	2010	Flaxseed and flaxseed cake as a source of compounds for food industry	Gutierrez C., Rubilar M., Jara C., Verdugo M., Sineiro J., Shene C.	Journal of Soil Science and Plant Nutrition	54

405	2007	Liquid-liquid equilibria for systems composed by 1-methyl-3-octylimidazolium tetrafluoroborate ionic liquid, thiophene, and n-hexane or cyclohexane	Alonso L., Arce A., Francisco M., Rodriguez O., Soto A.	Journal of Chemical and Engineering Data	54
406	2007	Evaluation of biodiesel as bioremediation agent for the treatment of the shore affected by the heavy oil spill of the Prestige	Fernandez-Alvarez P., Vila J., Garrido J.M., Grifoll M., Feijoo G., Lema J.M.	Journal of Hazardous Materials	54
407	2007	Biodegradation of dibenzothiophene, fluoranthene, pyrene and chrysene in a soil slurry reactor by the white-rot fungus <i>Bjerkandera</i> sp. BOS55	Valentin L., Lu-Chau T.A., Lopez C., Feijoo G., Moreira M.T., Lema J.M.	Process Biochemistry	54
408	1997	Treatment of saline wastewaters from fish meal factories in an anaerobic filter under extreme ammonia concentrations	Guerrero L., Omil F., Mendez R., Lema J.M.	Bioresource Technology	54
409	1995	Acetosolv Pulping of <i>Eucalyptus globulus</i> Wood Part 1. The Effect of Operational Variables on Pulp Yield, Pulp Lignin Content and Pulp Potential Glucose Content	Vazquez G., Antorrena G., Gonzalez J.	Holzforschung	54
410	1993	Liquid-Liquid Equilibria of the Ternary System Water + Propanoic Acid + Methyl Isobutyl Ketone at Various Temperatures	Arce A., Blanco A., Souza P., Vidal I.	Journal of Chemical and Engineering Data	54
411	2019	Strategy towards replacing pork backfat with a linseed oleogel in Frankfurter sausages and its evaluation on physicochemical, nutritional, and sensory characteristics	Franco D., Martins A.J., Lopez-Pedrouso M., Purrinos L., Cerqueira M.A., Vicente A.A., Pastrana L.M., Zapata C., Lorenzo J.M.	Foods	53
412	2015	Life cycle assessment of pigmeat production: Portuguese case study and proposal of improvement options	Gonzalez-Garcia S., Belo S., Dias A.C., Rodrigues J.V., Costa R.R.D., Ferreira A., Andrade L.P.D., Arroja L.	Journal of Cleaner Production	53
413	2015	Metabolic energy-based modelling explains product yielding in anaerobic mixed culture fermentations	Gonzalez-Cabaleiro R., Lema J.M., Rodriguez J.	PLoS ONE	53
414	2014	Evaluation of water services system through LCA. A case study for Iasi City, Romania	Barjoveanu G., Comandaru I.M., Rodriguez-Garcia G., Hospido A., Teodosiu C.	International Journal of Life Cycle Assessment	53
415	2014	Physicochemical changes during manufacture and final sensory characteristics of dry-cured Celta ham. Effect of muscle type	Bermudez R., Franco D., Carballo J., Lorenzo J.M.	Food Control	53
416	2010	Liquid mixtures of ionic liquids and polymers as solvent systems	Rodriguez H., Rogers R.D.	Fluid Phase Equilibria	53
417	2009	Plant location and extraction procedure strongly alter the antimicrobial activity of murta extracts	Shene C., Reyes A.K., Villarroel M., Sineiro J., Pinelo M., Rubilar M.	European Food Research and Technology	53
418	2004	Role of exopolymeric protein on the settleability of nitrifying sludges	Martinez F.O., Lema J., Mendez R., Cuervo-Lopez F., Gomez J.	Bioresource Technology	53
419	2004	Diagnosis of acidification states in an anaerobic wastewater treatment plant using a fuzzy-based expert system	Carrasco E.F., Rodriguez J., Punal A., Roca E., Lema J.M.	Control Engineering Practice	53
420	2016	Characterization of phenolic composition in chestnut leaves and beer residue by LC-DAD-ESI-MS	Munekata P.E.S., Franco D., Trindade M.A., Lorenzo J.M.	LWT	52
421	2013	Effect of cross breeding and amount of finishing diet on growth parameters, carcass and meat composition of foals slaughtered at 15 months of age	Franco D., Crecente S., Vazquez J.A., Gomez M., Lorenzo J.M.	Meat Science	52
422	2013	Using Life Cycle Assessment methodology to assess UHT milk production in Portugal	Gonzalez-Garcia S., Castanheira T.G., Dias A.C., Arroja L.	Science of the Total Environment	52
423	2012	Aerobic granular SBR systems applied to the treatment of industrial effluents	Val del Rio A., Figueroa M., Arrojo B., Mosquera-Corral A., Campos J.L., Garcia-Torriello G., Mendez R.	Journal of Environmental Management	52
424	2011	Life Cycle Assessment of fresh hake fillets captured by the Galician fleet in the Northern Stock	Vazquez-Rowe I., Moreira M.T., Feijoo G.	Fisheries Research	52
425	2004	Formation of silver bromide precipitate of nanoparticles in a single microemulsion utilizing the surfactant counterion	Husein M., Rodil E., Vera J.H.	Journal of Colloid and Interface Science	52
426	1996	VLE measurements of binary mixtures of methanol, ethanol, 2-methoxy-2-methylpropane, and 2-methoxy-2-methylbutane at 101.32 kPa	Arce A., Martinez-Ageitos J., Soto A.	Journal of Chemical and Engineering Data	52
427	1989	Liquid-Liquid Equilibria of the System Water + Acetic Acid + Methyl Isopropyl Ketone between 25 And 55 °C	Correa J.M., Blanco A., Arce A.	Journal of Chemical and Engineering Data	52
428	2018	Enrichment of nitrite-dependent anaerobic methane oxidizing bacteria in a membrane bioreactor	Allegue T., Arias A., Fernandez-Gonzalez N., Omil F., Garrido J.M.	Chemical Engineering Journal	51
429	2012	Autotrophic denitrification with sulphide in a sequencing batch reactor	Fajardo C., Mosquera-Corral A., Campos J.L., Mendez R.	Journal of Environmental Management	51
430	2011	Environmental Life Cycle Assessment of a Swedish Dissolving Pulp Mill Integrated Biorefinery	Gonzalez-Garcia S., Hospido A., Agnemo R., Svensson P., Selling E., Moreira M.T., Feijoo G.	Journal of Industrial Ecology	51
431	2010	Development of regional characterization factors for aquatic eutrophication	Gallego A., Rodriguez L., Hospido A., Moreira M.T., Feijoo G.	International Journal of Life Cycle Assessment	51
432	2009	Maximum removal rate of propionic acid as a sole carbon source in UASB reactors and the importance of the macro- and micro-nutrients stimulation	Ma J., Mungoni L.J., Verstraete W., Carballa M.	Bioresource Technology	51
433	2006	Trials of bioremediation on a beach affected by the heavy oil spill of the Prestige	Fernandez-Alvarez P., Vila J., Garrido-Fernandez J.M., Grifoll M., Lema J.M.	Journal of Hazardous Materials	51
434	2002	Rule-based diagnosis and supervision of a pilot-scale wastewater treatment plant using fuzzy logic techniques	Carrasco E.F., Rodriguez J., Punal A., Roca E., Lema J.M.	Expert Systems with Applications	51

435	1998	Strategies for the continuous production of ligninolytic enzymes in fixed and fluidised bed bioreactors	Moreira M.T., Palma C., Feijoo G., Lema J.M.	Journal of Biotechnology	51
436	1987	Cell immobilization: Application to alcohol production	Nunez M.J., Lema J.M.	Enzyme and Microbial Technology	51
437	2017	Mixtures of ionic liquids as more efficient media for cellulose dissolution	Stolarska O., Pawlowska-Zygarowicz A., Soto A., Rodriguez H., Smiglak M.	Carbohydrate Polymers	50
438	2017	Antioxidant and antimicrobial activities of extracts obtained from the refining of autohydrolysis liquors of vine shoots	Gullon B., Eibes G., Moreira M.T., Davila I., Labidi J., Gullon P.	Industrial Crops and Products	50
439	2017	Assessment of the antioxidant activity of <i>Bifurcaria bifurcata</i> aqueous extract on canola oil. Effect of extract concentration on the oxidation stability and volatile compound generation during oil storage	Agrean R., Lorenzo J.M., Muneke P.E.S., Dominguez R., Carballo J., Franco D.	Food Research International	50
440	2017	Cometabolic Enzymatic Transformation of Organic Micropollutants under Methanogenic Conditions	Gonzalez-Gil L., Carballa M., Lema J.M.	Environmental Science and Technology	50
441	2013	On the use of a high-redox potential laccase as an alternative for the transformation of non-steroidal anti-inflammatory drugs (NSAIDs)	Lloret L., Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Journal of Molecular Catalysis B: Enzymatic	50
442	2013	Environmental performance of a Portuguese mature cheese-making dairy mill	Gonzalez-Garcia S., Castanheira E.G., Dias A.C., Arroja L.	Journal of Cleaner Production	50
443	2012	Sensitivity analysis of autotrophic N removal by a granule based bioreactor: Influence of mass transfer versus microbial kinetics	Vangsgaard A.K., Mauricio-Iglesias M., Gernaey K.V., Smets B.F., Sin G.	Bioresource Technology	50
444	2003	Enzymic pre-treatment of Guevina avellana mol oil extraction by pressing	Zuniga M.E., Soto C., Mora A., Chamy R., Lema J.M.	Process Biochemistry	50
445	2003	Evaluation of mass transfer coefficients and volumetric shrinkage during osmotic dehydration of apple using sucrose solutions in static and non-static conditions	Moreira R., Sereno A.M.	Journal of Food Engineering	50
446	1996	VLE for water + ethanol + 1-octanol mixtures. Experimental measurements and correlations	Arce A., Martinez-Ageitos J., Soto A.	Fluid Phase Equilibria	50
447	2015	Filamentous bacteria existence in aerobic granular reactors	Figueroa M., Val Del Rio A., Campos J.L., Mendez R., Mosquera-Corral A.	Bioprocess and Biosystems Engineering	49
448	2014	Mixtures of ethanol and the ionic liquid 1-ethyl-3-methylimidazolium acetate for the fractionated solubility of biopolymers of lignocellulosic biomass	Castro M.C., Rodriguez H., Arce A., Soto A.	Industrial and Engineering Chemistry Research	49
449	2013	NMR characterization of carbon dioxide chemical absorption with monoethanolamine, diethanolamine, and triethanolamine	Garcia-Abuin A., Gomez-Diaz D., Lopez A.B., Navaza J.M., Rumbo A.	Industrial and Engineering Chemistry Research	49
450	2013	Operation of an aerobic granular pilot scale SBR plant to treat swine slurry	Morales N., Figueroa M., Fra-Vazquez A., Val Del Rio A., Campos J.L., Mosquera-Corral A., Mendez R.	Process Biochemistry	49
451	2012	Enhanced methane production from pig manure anaerobic digestion using fish and biodiesel wastes as co-substrates	Regueiro L., Carballa M., Alvarez J.A., Lema J.M.	Bioresource Technology	49
452	2012	Extraction of antioxidants from eucalyptus (<i>Eucalyptus globulus</i>) bark	Vazquez G., Santos J., Freire M.S., Antorrena G., Gonzalez-Alvarez J.	Wood Science and Technology	49
453	2010	Environmental performance of lignocellulosic bioethanol production from alfalfa stems	Gonzalez-Garcia S., Moreira M.T., Feijoo G.	Biofuels, Bioproducts and Biorefining	49
454	2008	Energy-based models for environmental biotechnology	Rodriguez J., Lema J.M., Kleerebezem R.	Trends in Biotechnology	49
455	2006	Variable stoichiometry with thermodynamic control in ADM1	Rodriguez J., Lema J.M., van Loosdrecht M.C.M., Kleerebezem R.	Water Science and Technology	49
456	1999	Acetosolv pine lignin as copolymer in resins for manufacture of exterior grade plywoods	Vazquez G., Rodriguez-Bona C., Freire S., Gonzalez-Alvarez J., Antorrena G.	Bioresource Technology	49
457	2016	Characterization and phase behavior of the surfactant ionic liquid tributylmethylphosphonium dodecylsulfate for enhanced oil recovery	Rodriguez-Escontrela I., Rodriguez-Palmeiro I., Rodriguez O., Arce A., Soto A.	Fluid Phase Equilibria	48
458	2016	Environmental performance of wood pellets' production through life cycle analysis	Laschi A., Marchi E., Gonzalez-Garcia S.	Energy	48
459	2015	Microbial catabolic activities are naturally selected by metabolic energy harvest rate	Gonzalez-Cabaleiro R., Ofiteru I.D., Lema J.M., Rodriguez J.	ISME Journal	48
460	2015	Effect of addition of natural antioxidants on the shelf-life of 'chorizo', a Spanish dry-cured sausage	Pateiro M., Bermudez R., Lorenzo J.M., Franco D.	Antioxidants	48
461	2015	Kinetic modelling of anaerobic hydrolysis of solid wastes, including disintegration processes	Garcia-Gen S., Sousbie P., Rangaraj G., Lema J.M., Rodriguez J., Steyer J.-P., Torrijos M.	Waste Management	48
462	2014	Outlining microbial community dynamics during temperature drop and subsequent recovery period in anaerobic co-digestion systems	Regueiro L., Carballa M., Lema J.M.	Journal of Biotechnology	48
463	2013	Effect of chia (<i>Sativa hispanica</i> L.) and hydrocolloids on the rheology of gluten-free doughs based on chestnut flour	Moreira R., Chenlo F., Torres M.D.	LWT	48
464	2010	Physical properties and phase equilibria of the system isopropyl acetate + isopropanol + 1-octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	Andreatta A.E., Arce A., Rodil E., Soto A.	Fluid Phase Equilibria	48
465	2010	Environmental impact assessment of non-wood based pulp production by soda-anthraquinone pulping process	Gonzalez-Garcia S., Teresa Moreira M., Artal G., Maldonado L., Feijoo G.	Journal of Cleaner Production	48
466	2009	Strategies to optimize phosphate removal from industrial anaerobic effluents by magnesium ammonium phosphate (MAP) production	Carballa M., Moerman W., De Windt W., Grootaerd H., Verstraete W.	Journal of Chemical Technology and Biotechnology	48

467	1999	Continuous anaerobic treatment of wastewaters containing formaldehyde and urea	Vidal G., Jiang Z.P., Omil F., Thalasso F., Mendez R., Lema J.M.	Bioresource Technology	48
468	1997	Acetosolv pulping of pine wood. Kinetic modelling of lignin solubilization and condensation	Vazquez G., Antorrena G., Gonzalez J., Freire S., Lopez S.	Bioresource Technology	48
469	2019	Antioxidant and Antimicrobial Activity of Peptides Extracted from Meat By-products: a Review	Borrajó P., Pateiro M., Barba F.J., Mora L., Franco D., Toldra F., Lorenzo J.M.	Food Analytical Methods	47
470	2018	Dynamic environmental efficiency assessment for wastewater treatment plants	Lorenzo-Toja Y., Vazquez-Rowe I., Marin-Navarro D., Crujeiras R.M., Moreira M.T., Feijoo G.	International Journal of Life Cycle Assessment	47
471	2015	Characterization and interfacial properties of the surfactant ionic liquid 1-dodecyl-3-methyl imidazolium acetate for enhanced oil recovery	Rodriguez-Palmeiro I., Rodriguez-Escontrela I., Rodriguez O., Arce A., Soto A.	RSC Advances	47
472	2014	Assessing anaerobic co-digestion of pig manure with agroindustrial wastes: The link between environmental impacts and operational parameters	Rodriguez-Verde I., Regueiro L., Carballa M., Hospido A., Lema J.M.	Science of the Total Environment	47
473	2014	Effect of muscle and intensity of finishing diet on meat quality of foals slaughtered at 15months	Franco D., Lorenzo J.M.	Meat Science	47
474	2013	Impact of oxygen limitation on glycerol-based biopolymer production by bacterial enrichments	Moralejo-Garate H., Kleerebezem R., Mosquera-Corral A., Van Loosdrecht M.C.M.	Water Research	47
475	2012	Operation of stirred tank reactors (STRs) and fixed-bed reactors (FBRs) with free and immobilized <i>Phanerochaete chrysosporium</i> for the continuous removal of pharmaceutical compounds	Rodarte-Morales A.I., Feijoo G., Moreira M.T., Lema J.M.	Biochemical Engineering Journal	47
476	2012	Life cycle assessment of hemp hurds use in second generation ethanol production	Gonzalez-Garcia S., Luo L., Moreira M.T., Feijoo G., Huppes G.	Biomass and Bioenergy	47
477	2009	Biological removal of 17 α -ethinylestradiol (EE2) in an aerated nitrifying fixed bed reactor during ammonium starvation	Forrez I., Carballa M., Boon N., Verstraete W.	Journal of Chemical Technology and Biotechnology	47
478	2006	A comparative study on solvents for separation of tert-amyl ethyl ether and ethanol mixtures. New experimental data for 1-ethyl-3-methyl imidazolium ethyl sulfate ionic liquid	Arce A., Rodriguez O., Soto A.	Chemical Engineering Science	47
479	2006	A novel approach for the preparation of AgBr nanoparticles from their bulk solid precursor using CTAB microemulsions	Husein M.M., Rodil E., Vera J.H.	Langmuir	47
480	2006	Purification of ethyl tert-butyl ether from its mixtures with ethanol by using an ionic liquid	Arce A., Rodriguez H., Soto A.	Chemical Engineering Journal	47
481	2002	An expert system for monitoring and diagnosis of anaerobic wastewater treatment plants	Punal A., Roca E., Lema J.M.	Water Research	47
482	1998	Effect of the cation and the anion of an electrolyte on the solubility of DL-aminobutyric acid in aqueous solutions: Measurement and modelling	Soto A., Arce A., Khoshkbarchi M.K., Vera J.H.	Biophysical Chemistry	47
483	1996	The effect of antibiotics on nitrification processes batch assays	Gomez J., Mendez R., Lema J.M.	Applied Biochemistry and Biotechnology - Part A Enzyme Engineering and Biotechnology	47
484	2019	<i>Fucus vesiculosus</i> extracts as natural antioxidants for improvement of physicochemical properties and shelf life of pork patties formulated with oleogels	Agregan R., Barba F.J., Gavahian M., Franco D., Khaneghah A.M., Carballo J., Ferreira I.C.F.R., da Silva Barretto A.C., Lorenzo J.M.	Journal of the Science of Food and Agriculture	46
485	2019	Exploring the production of bio-energy from wood biomass. Italian case study	Gonzalez-Garcia S., Bacenetti J.	Science of the Total Environment	46
486	2014	PPCPs in wastewater - Update and calculation of characterization factors for their inclusion in LCA studies	Alfonsin C., Hospido A., Omil F., Moreira M.T., Feijoo G.	Journal of Cleaner Production	46
487	2014	Cradle-to-gate Life Cycle Assessment of forest operations in Europe: Environmental and energy profiles	Gonzalez-Garcia S., Moreira M.T., Dias A.C., Mola-Yudego B.	Journal of Cleaner Production	46
488	2014	Life cycle assessment of the production of bioactive compounds from <i>Tetraselmis suecica</i> at pilot scale	Perez-Lopez P., Gonzalez-Garcia S., Ulloa R.G., Sineiro J., Feijoo G., Moreira M.T.	Journal of Cleaner Production	46
489	2014	Comparative environmental assessment of valorization strategies of the invasive macroalgae <i>Sargassum muticum</i>	Perez-Lopez P., Balboa E.M., Gonzalez-Garcia S., Dominguez H., Feijoo G., Moreira M.T.	Bioresource Technology	46
490	2012	Influence of inclusion of chestnut in the finishing diet on fatty acid profile of dry-cured ham from Celta pig breed	Bermudez R., Franco I., Franco D., Carballo J., Lorenzo J.M.	Meat Science	46
491	2012	Effect of pork fat addition on the volatile compounds of foal dry-cured sausage	Lorenzo J.M., Montes R., Purrinos L., Franco D.	Meat Science	46
492	2012	Are all membrane reactors equal from an environmental point of view?	Hospido A., Sanchez I., Rodriguez-Garcia G., Iglesias A., Buntner D., Reif R., Moreira M.T., Feijoo G.	Desalination	46
493	2012	Hexyl dimethylpyridinium ionic liquids for desulfurization of fuels. Effect of the position of the alkyl side chains	Rodriguez-Cabo B., Francisco M., Soto A., Arce A.	Fluid Phase Equilibria	46
494	2011	Rheology of commercial chestnut flour doughs incorporated with gelling agents	Moreira R., Chenlo F., Torres M.D.	Food Hydrocolloids	46
495	2010	Implementing by-product management into the life cycle assessment of the mussel sector	Iribarren D., Moreira M.T., Feijoo G.	Resources, Conservation and Recycling	46
496	2009	Environmental aspects of ethanol-based fuels from <i>Brassica carinata</i> : A case study of second generation ethanol	Gonzalez-Garcia S., Gasol C.M., Gabarrell X., Rieradevall J., Moreira M.T., Feijoo G.	Renewable and Sustainable Energy Reviews	46

497	2008	Granular biomass capable of partial nitrification and anammox	Vlaeminck S.E., Cloetens L.F.F., Carballa M., Boon N., Verstraete W.	Water Science and Technology	46
498	2003	Influence of crown ethers on the electric percolation of AOT/isooctane/water (w/o) microemulsions	Dasilva-Carvalho J., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C., Rodriguez-Dafonte P.	Langmuir	46
499	2001	Physicochemical properties of liquid mixtures. 1. Viscosity, density, surface tension and refractive index of cyclohexane + 2,2,4-trimethylpentane binary liquid systems from 25 °C to 50 °C	Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	46
500	1997	The influence of pulping conditions on the structure of acetosolv eucalyptus lignins	Vazquez G., Antorrena G., Gonzalez J., Freire S.	Journal of Wood Chemistry and Technology	46
501	1995	Kinetics of acid-catalysed delignification of Eucalyptus globulus wood by acetic acid	Vazquez G., Antorrena G., Gonzalez J.	Wood Science and Technology	46
502	2020	Application of pulsed electric fields for obtaining antioxidant extracts from fish residues	Franco D., Munekata P.E.S., Agregan R., Bermudez R., Lopez-Pedrouso M., Pateiro M., Lorenzo J.M.	Antioxidants	45
503	2019	Organic overloading affects the microbial interactions during anaerobic digestion in sewage sludge reactors	Braz G.H.R., Fernandez-Gonzalez N., Lema J.M., Carballa M.	Chemosphere	45
504	2019	Towards an environmentally sustainable and healthy Atlantic dietary pattern: Life cycle carbon footprint and nutritional quality	Esteve-Llorens X., Darriba C., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Science of the Total Environment	45
505	2018	Application of a combined fungal and diluted acid pretreatment on olive tree biomass	Martinez-Patino J.C., Lu-Chau T.A., Gullon B., Ruiz E., Romero I., Castro E., Lema J.M.	Industrial Crops and Products	45
506	2018	Comparative proteomic profiling of myofibrillar proteins in dry-cured ham with different proteolysis indices and adhesiveness	Lopez-Pedrouso M., Perez-Santaescolastica C., Franco D., Fulladosa E., Carballo J., Zapata C., Lorenzo J.M.	Food Chemistry	45
507	2015	Cradle-to-gate life cycle assessment of Eucalyptus globulus short rotation plantations in Chile	Morales M., Aroca G., Rubilar R., Acuna E., Mola-Yudego B., Gonzalez-Garcia S.	Journal of Cleaner Production	45
508	2014	Improved concentration of citrus essential oil by solvent extraction with acetate ionic liquids	Lago S., Rodriguez H., Arce A., Soto A.	Fluid Phase Equilibria	45
509	2013	Effect of water and guar gum content on thermal properties of chestnut flour and its starch	Torres M.D., Moreira R., Chenlo F., Morel M.H.	Food Hydrocolloids	45
510	2007	Comparison and analysis of different approaches for estimating the human exposure to phthalate esters	Franco A., Prevedouros K., Alli R., Cousins I.T.	Environment International	45
511	2006	Towards accurate values of individual ion activities: Additional data for NaCl, NaBr and KCl, and new data for NH4Cl	Wilczek-Vera G., Rodil E., Vera J.H.	Fluid Phase Equilibria	45
512	1998	Protein recovery during the overall treatment of wastewaters from fish-meal factories	Guerrero L., Omil F., Mendez R., Lema J.M.	Bioresource Technology	45
513	1997	Characterization of biomass from a sulfidogenic, volatile fatty acid-degrading granular sludge reactor	Omil F., Lens P., Hulshoff Pol L.W., Lettinga G.	Enzyme and Microbial Technology	45
514	1993	Oil extractability from enzymatically treated soybean and sunflower: range of operational variables	Dominguez H., Nunez M.J., Lema J.M.	Food Chemistry	45
515	2020	Polyhydroxyalkanoates (PHAs) production: A feasible economic option for the treatment of sewage sludge in municipalwastewater treatment plants?	Crutchik D., Franchi O., Caminos L., Jeison D., Belmonte M., Pedrouso A., Val del Rio A., Mosquera-Corral A., Campos J.L.	Water (Switzerland)	44
516	2018	Optimization of antioxidants extraction from peanut skin to prevent oxidative processes during soybean oil storage	Franco D., Rodriguez-Amado I., Agregan R., Munekata P.E.S., Vazquez J.A., Barba F.J., Lorenzo J.M.	LWT	44
517	2016	Antioxidant ability of potato (Solanum tuberosum) peel extracts to inhibit soybean oil oxidation	Franco D., Pateiro M., Rodriguez Amado I., Lopez Pedrouso M., Zapata C., Vazquez J.A., Lorenzo J.M.	European Journal of Lipid Science and Technology	44
518	2015	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production	Lijo L., Gonzalez-Garcia S., Bacenetti J., Negri M., Fiala M., Feijoo G., Moreira M.T.	Waste Management	44
519	2012	Synoptic patterns and air mass transport during ozone episodes in northwestern Iberia	Saavedra S., Rodriguez A., Taboada J.J., Souto J.A., Casares J.J.	Science of the Total Environment	44
520	2012	Rheological properties of gelatinized chestnut starch dispersions: Effect of concentration and temperature	Moreira R., Chenlo F., Torres M.D., Glazer J.	Journal of Food Engineering	44
521	2011	Computation of operational and environmental benchmarks within selected galician fishing fleets	Vazquez-Rowe I., Iribarren D., Hospido A., Moreira M.T., Feijoo G.	Journal of Industrial Ecology	44
522	2011	Comparison of PPCPs removal on a parallel-operated MBR and AS system and evaluation of effluent post-treatment on vertical flow reed beds	Reif R., Besancon A., Le Corre K., Jefferson B., Lema J.M., Omil F.	Water Science and Technology	44
523	2011	Deterpenation of citrus essential oil by liquid-liquid extraction with 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide ionic liquids	Lago S., Rodriguez H., Soto A., Arce A.	Journal of Chemical and Engineering Data	44
524	2011	Combined application of LCA and eco-design for the sustainable production of wood boxes for wine bottles storage	Gonzalez-Garcia S., Silva F.J., Moreira M.T., Pascual R.C., Lozano R.G., Gabarrell X., Pons J.R.I., Feijoo G.	International Journal of Life Cycle Assessment	44
525	2009	Equilibrium and kinetic modelling of the adsorption of Cd ²⁺ ions onto chestnut shell	Vazquez G., Sonia Freire M., Gonzalez-Alvarez J., Antorrena G.	Desalination	44
526	2009	Evaluation of forest operations in Spanish eucalypt plantations under a life cycle assessment perspective	Gonzalez-Garcia S., Berg S., Moreira M.T., Feijoo G.	Scandinavian Journal of Forest Research	44
527	2007	Measurement and correlation of liquid-liquid equilibria of two imidazolium ionic liquids with thiophene and methylcyclohexane	Alonso L., Arce A., Francisco M., Soto A.	Journal of Chemical and Engineering Data	44
528	2007	Biodegradation of pentachlorophenol in soil slurry cultures by bjerkandera adusta and anthracophyllum discolor	Rubilar O., Feijoo G., Diez C., Lu-Chau T.A., Moreira M.T., Lema J.M.	Industrial and Engineering Chemistry Research	44

529	2007	Effect of stirring in the osmotic dehydration of chestnut using glycerol solutions	Moreira R., Chenlo F., Torres M.D., Vazquez G.	LWT	44
530	2001	Carbon and nitrogen removal from a wastewater of an industrial dairy laboratory with a coupled anaerobic filter-sequencing batch reactor system	Garrido J.M., Omil F., Arrojo B., Mendez R., Lema J.M.	Water Science and Technology	44
531	2019	Insight into antibiotics removal: Exploring the photocatalytic performance of a Fe ₃ O ₄ /ZnO nanocomposite in a novel magnetic sequential batch reactor	Fernandez L., Gamallo M., Gonzalez-Gomez M.A., Vazquez-Vazquez C., Rivas J., Pintado M., Moreira M.T.	Journal of Environmental Management	43
532	2018	Performance and microbial features of the partial nitrification-anammox process treating fish canning wastewater with variable salt concentrations	Val del Rio A., Pichel A., Fernandez-Gonzalez N., Pedrouso A., Fra-Vazquez A., Morales N., Mendez R., Campos J.L., Mosquera-Corral A.	Journal of Environmental Management	43
533	2016	Recyclable cross-linked laccase aggregates coupled to magnetic silica microbeads for elimination of pharmaceuticals from municipal wastewater	Arca-Ramos A., Kumar V.V., Eibes G., Moreira M.T., Cabana H.	Environmental Science and Pollution Research	43
534	2015	Changes on physico-chemical properties, lipid oxidation and volatile compounds during the manufacture of celta dry-cured loin	Pateiro M., Franco D., Carril J.A., Lorenzo J.M.	Journal of Food Science and Technology	43
535	2012	Comparison of growth performance, carcass components, and meat quality between Mos rooster (Galician indigenous breed) and Sasso T-44 line slaughtered at 10 months	Franco D., Rois D., Vazquez J.A., Lorenzo J.M.	Poultry Science	43
536	2010	Water adsorption and desorption isotherms of chestnut and wheat flours	Moreira R., Chenlo F., Torres M.D., Prieto D.M.	Industrial Crops and Products	43
537	2009	Physical and excess properties of (methyl acetate + methanol + 1-octyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide) and its binary mixtures at T = 298.15 K and atmospheric pressure	Andreatta A.E., Arce A., Rodil E., Soto A.	Journal of Chemical Thermodynamics	43
538	2009	Enhanced propionic acid degradation (EPAD) system: Proof of principle and feasibility	Ma J., Carballa M., Van De Caveye P., Verstraete W.	Water Research	43
539	2007	Preparation of AgBr nanoparticles in microemulsions via reaction of AgNO ₃ with CTAB counterion	Husein M.M., Rodil E., Vera J.H.	Journal of Nanoparticle Research	43
540	2005	A thermal treatment to increase the antioxidant capacity of natural phenols: Catechin, resveratrol and grape extract cases	Pinelo M., Rubilar M., Sineiro J., Nunez M.J.	European Food Research and Technology	43
541	2003	Coupled BAS and anoxic USB system to remove urea and formaldehyde from wastewater	Campos J.L., Sanchez M., Mosquera-Corral A., Mendez R., Lema J.M.	Water Research	43
542	2001	Advanced monitoring and control of anaerobic wastewater treatment plants: Diagnosis and supervision by a fuzzy-based expert system	Punal A., Rodriguez J., Franco A., Carrasco E.F., Roca E., Lema J.M.	Water Science and Technology	43
543	1991	Biodegradability and toxicity in the anaerobic treatment of fish canning wastewaters	Soto M., Mendez R., Lema J.M.	Environmental Technology (United Kingdom)	43
544	2021	Life cycle assessment of fish and seafood processed products – A review of methodologies and new challenges	Ruiz-Salmon I., Laso J., Margallo M., Villanueva-Rey P., Rodriguez E., Quinteiro P., Dias A.C., Almeida C., Nunes M.L., Marques A., Cortes A., Moreira M.T., Feijoo G., Loubet P., Sonnemann G., Morse A.P., Cooney R., Clifford E., Regueiro L., Mendez D., Anglada C., Noirot C., Rowan N., Vazquez-Rowe I., Aldaco R.	Science of the Total Environment	42
545	2020	Comprehensive comparison of chemically enhanced primary treatment and high-rate activated sludge in novel wastewater treatment plant configurations	Taboada-Santos A., Rivadulla E., Paredes L., Carballa M., Romalde J., Lema J.M.	Water Research	42
546	2019	Nitrogen and Phosphorus Recovery From Anaerobically Pretreated Agro-Food Wastes: A Review	Campos J.L., Crutchik D., Franchi O., Pavissich J.P., Belmonte M., Pedrouso A., Mosquera-Corral A., Val del Rio A.	Frontiers in Sustainable Food Systems	42
547	2018	Yerba mate waste: A sustainable resource of antioxidant compounds	Gullon B., Eibes G., Moreira M.T., Herrera R., Labidi J., Gullon P.	Industrial Crops and Products	42
548	2016	Assessing the use of nanoimmobilized laccases to remove micropollutants from wastewater	Arca-Ramos A., Ammann E.M., Gasser C.A., Nastold P., Eibes G., Feijoo G., Lema J.M., Moreira M.T., Corvini P.F.-X.	Environmental Science and Pollution Research	42
549	2016	Presence does not imply activity: DNA and RNA patterns differ in response to salt perturbation in anaerobic digestion	De Vrieze J., Regueiro L., Props R., Vilchez-Vargas R., Jauregui R., Pieper D.H., Lema J.M., Carballa M.	Biotechnology for Biofuels	42
550	2014	Effect of the Extraction Technique and Operational Conditions on the Recovery of Bioactive Compounds from Chestnut (<i>Castanea sativa</i>) Bur and Shell	Fernandez-Agullo A., Freire M.S., Antorrena G., Pereira J.A., Gonzalez-Alvarez J.	Separation Science and Technology (Philadelphia)	42
551	2013	Enhanced performance of sulfate reducing bacteria based biocathode using stainless steel mesh on activated carbon fabric electrode	Sharma M., Jain P., Varanasi J.L., Lal B., Rodriguez J., Lema J.M., Sarma P.M.	Bioresource Technology	42
552	2012	Sodium salt effect on aqueous solutions containing Tween 20 and Triton X-102	Ulloa G., Coutens C., Sanchez M., Sineiro J., Rodriguez A., Deive F.J., Nunez M.J.	Journal of Chemical Thermodynamics	42
553	2012	Recovery and concentration of antioxidants from winery wastes	Soto M.L., Conde E., Gonzalez-Lopez N., Conde M.J., Moure A., Sineiro J., Falque E., Dominguez H., Nunez M.J., Parajo J.C.	Molecules	42
554	2010	High ozone levels in the northeast of Portugal: Analysis and characterization	Carvalho A., Monteiro A., Ribeiro I., Tchepel O., Miranda A.I., Borrego C., Saavedra S., Souto J.A., Casares J.J.	Atmospheric Environment	42
555	2009	A low volumetric exchange ratio allows high autotrophic nitrogen removal in a sequencing batch reactor	De Clippeleir H., Vlaeminck S.E., Carballa M., Verstraete W.	Bioresource Technology	42

556	2001	Individual activity coefficients of chloride ions in aqueous solutions of MgCl ₂ , CaCl ₂ and BaCl ₂ at 298.2 K	Rodil E., Vera J.H.	Fluid Phase Equilibria	42
557	2001	Modeling of desorption isotherms of chestnut: Influence of temperature and evaluation of isosteric heats	Vazquez G., Chenlo F., Moreira R.	Drying Technology	42
558	1995	Enzymatic treatment of sunflower kernels before oil extraction	Dominguez H., Sineiro J., Nunez M.J., Lema J.M.	Food Research International	42
559	2020	Cradle-to-gate Life Cycle Assessment of bio-adhesives for the wood panel industry. A comparison with petrochemical alternatives	Arias A., Gonzalez-Garcia S., Gonzalez-Rodriguez S., Feijoo G., Moreira M.T.	Science of the Total Environment	41
560	2019	Resource recovery from pig manure via an integrated approach: A technical and economic assessment for full-scale applications	De Vrieze J., Colica G., Pintucci C., Sarli J., Pedizzi C., Willeghems G., Bral A., Varga S., Prat D., Peng L., Spiller M., Buysse J., Colsen J., Benito O., Carballa M., Vlaeminck S.E.	Bioresource Technology	41
561	2013	Enhanced oil recovery with the ionic liquid trihexyl(tetradecyl)phosphonium chloride: A phase equilibria study at 75 °c	Lago S., Francisco M., Arce A., Soto A.	Energy and Fuels	41
562	2012	Inclusion of discard assessment indicators in fisheries life cycle assessment studies. Expanding the use of fishery-specific impact categories	Vazquez-Rowe I., Moreira M.T., Feijoo G.	International Journal of Life Cycle Assessment	41
563	2012	Environmental assessment of frozen common octopus (<i>Octopus vulgaris</i>) captured by Spanish fishing vessels in the Mauritanian EEZ	Vazquez-Rowe I., Moreira M.T., Feijoo G.	Marine Policy	41
564	2011	Start up of a pilot scale aerobic granular reactor for organic matter and nitrogen removal	Jungles M.K., Figueroa M., Morales N., Val del Rio A., da Costa R.H.R., Campos J.L., Mosquera-Corral A., Mendez R.	Journal of Chemical Technology and Biotechnology	41
565	2009	Influence of different pretreatments on anaerobically digested sludge characteristics: Suitability for final disposal	Carballa M., Omil F., Lema J.M.	Water, Air, and Soil Pollution	41
566	2005	Sorption isotherms of turnip top leaves and stems in the temperature range from 298 to 328 K	Moreira R., Chenlo F., Vazquez M.J., Camean P.	Journal of Food Engineering	41
567	2002	Toxic effects exerted on methanogenic, nitrifying and denitrifying bacteria by chemicals used in a milk analysis laboratory	Lopez-Fiuza J., Buys B., Mosquera-Corral A., Omil F., Mendez R.	Enzyme and Microbial Technology	41
568	2020	Life cycle environmental impacts of sewage sludge treatment methods for resource recovery considering ecotoxicity of heavy metals and pharmaceutical and personal care products	Tarpani R.R.Z., Alfonsin C., Hospido A., Azapagic A.	Journal of Environmental Management	40
569	2018	Estimating the environmental impacts of a brewery waste-based biorefinery: Bio-ethanol and xylooligosaccharides joint production case study	Gonzalez-Garcia S., Morales P.C., Gullon B.	Industrial Crops and Products	40
570	2018	Exploring the production of bio-succinic acid from apple pomace using an environmental approach	Gonzalez-Garcia S., Argiz L., Miguez P., Gullon B.	Chemical Engineering Journal	40
571	2017	Assessing the feasibility of two hybrid MBR systems using PAC for removing macro and micropollutants	Alvarino T., Torregrosa N., Omil F., Lema J.M., Suarez S.	Journal of Environmental Management	40
572	2017	Environmental assessment of the entire pork value chain in Catalonia – A strategy to work towards Circular Economy	Noya I., Aldea X., Gonzalez-Garcia S., M. Gasol C., Moreira M.T., Amores M.J., Marin D., Boschmonart-Rives J.	Science of the Total Environment	40
573	2014	Life cycle assessment of European pilchard (<i>Sardina pilchardus</i>) consumption. A case study for Galicia (NW Spain)	Vazquez-Rowe I., Villanueva-Rey P., Hospido A., Moreira M.T., Feijoo G.	Science of the Total Environment	40
574	2013	Improving the catalytic performance of laccase using a novel continuous-flow microreactor	Lloret L., Eibes G., Moreira M.T., Feijoo G., Lema J.M., Miyazaki M.	Chemical Engineering Journal	40
575	2012	Comparison of the composition of <i>Pinus radiata</i> bark extracts obtained at bench- and pilot-scales	Bocalandro C., Sanhueza V., Gomez-Caravaca A.M., Gonzalez-alvarez J., Fernandez K., Roeckel M., Rodriguez-Estrada M.T.	Industrial Crops and Products	40
576	2012	Application of fuzzy logic for the integration of environmental criteria in ecodesign	Herva M., Franco-Uria A., Carrasco E.F., Roca E.	Expert Systems with Applications	40
577	2010	Interfacial area and mass transfer in carbon dioxide absorption in TEA aqueous solutions in a bubble column reactor	Rubia M.D.L., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Chemical Engineering and Processing: Process Intensification	40
578	2007	Stability of a nitrifying activated sludge reactor	Campos J.L., Garrido J.M., Mosquera-Corral A., Mendez R.	Biochemical Engineering Journal	40
579	2007	Osmotic dehydration of chestnut with sucrose: Mass transfer processes and global kinetics modelling	Chenlo F., Moreira R., Fernandez-Herrero C., Vazquez G.	Journal of Food Engineering	40
580	2005	Citrus essential oil deterpenation by liquid-liquid extraction	Arce A., Marchiaro A., Martinez-Ageitos J.M., Soto A.	Canadian Journal of Chemical Engineering	40
581	2001	Anaerobic treatment: A key technology for a sustainable management of wastes in Europe	Lema J.M., Omil F.	Water Science and Technology	40
582	2000	Treatment of wastewaters from a formaldehyde-urea adhesives factory	Garrido J.M., Mendez R., Lema J.M.	Water Science and Technology	40
583	1996	Absorption of CO ₂ by water and surfactant solutions in the presence of induced marangoni effect	Vazquez G., Antorrena G., Navaza J.M., Santos V.	Chemical Engineering Science	40
584	2022	Understanding phenolic acids inhibition of α -amylase and α -glucosidase and influence of reaction conditions	Aleixandre A., Gil J.V., Sineiro J., Rosell C.M.	Food Chemistry	39
585	2019	Transitioning towards the bio-economy: Assessing the social dimension through a stakeholder lens	Falcone P.M., Gonzalez Garcia S., Imbert E., Lijo L., Moreira M.T., Tani A., Tartiu V.E., Morone P.	Corporate Social Responsibility and Environmental Management	39

586	2019	ENERWATER – A standard method for assessing and improving the energy efficiency of wastewater treatment plants	Longo S., Mauricio-Iglesias M., Soares A., Campo P., Fatone F., Eusebi A.L., Akkersdijk E., Stefani L., Hospido A.	Applied Energy	39
587	2018	Optimization of alkaline pretreatment for the co-production of biopolymer lignin and bioethanol from chestnut shells following a biorefinery approach	Morales A., Gullon B., Davila I., Eibes G., Labidi J., Gullon P.	Industrial Crops and Products	39
588	2018	Influence of biomass acclimation on the performance of a partial nitrification-anammox reactor treating industrial saline effluents	Giustinianovich E.A., Campos J.-L., Roeckel M.D., Estrada A.J., Mosquera-Corral A., Val del Rio A.	Chemosphere	39
589	2018	Environmental assessment of biorefinery processes for the valorization of lignocellulosic wastes into oligosaccharides	Gonzalez-Garcia S., Gullon B., Moreira M.T.	Journal of Cleaner Production	39
590	2017	Nitrite oxidizing bacteria suppression based on in-situ free nitrous acid production at mainstream conditions	Pedrouso A., Val del Rio A., Morales N., Vazquez-Padin J.R., Campos J.L., Mendez R., Mosquera-Corral A.	Separation and Purification Technology	39
591	2017	Coeliacs cannot live by gluten-free bread alone – every once in awhile they need antioxidants	Torres M.D., Arufe S., Chenlo F., Moreira R.	International Journal of Food Science and Technology	39
592	2016	Environmental performance of biomass refining into high-added value compounds	Gonzalez-Garcia S., Gullon B., Rivas S., Feijoo G., Moreira M.T.	Journal of Cleaner Production	39
593	2016	Carbon and water footprint of pork supply chain in Catalonia: From feed to final products	Noya I., Aldea X., Gasol C.M., Gonzalez-Garcia S., Amores M.J., Colon J., Ponsa S., Roman I., Rubio M.A., Casas E., Moreira M.T., Boschmonart-Rives J.	Journal of Environmental Management	39
594	2014	Modeling the odor generation in WWTP: An integrated approach review	Carrera-Chapela F., Donoso-Bravo A., Souto J.A., Ruiz-Filippi G.	Water, Air, and Soil Pollution	39
595	2013	Rheology of Gluten-Free Doughs from Blends of Chestnut and Rice Flours	Moreira R., Chenlo F., Torres M.D.	Food and Bioprocess Technology	39
596	2013	Experimental development of CO ₂ , SO ₂ and NO _x emission factors for mixed lignite and subbituminous coal-fired power plant	Dios M., Souto J.A., Casares J.J.	Energy	39
597	2012	Eco-innovation of a wooden childhood furniture set: An example of environmental solutions in the wood sector	Gonzalez-Garcia S., Garcia Lozano R., Moreira M.T., Gabarrell X., Rieradevall i Pons J., Feijoo G., Murphy R.J.	Science of the Total Environment	39
598	2010	Biofiltration of methanol in an organic biofilter using peanut shells as medium	Ramirez-Lopez E.M., Corona-Hernandez J., Avelar-Gonzalez F.J., Omil F., Thalasso F.	Bioresource Technology	39
599	2001	Anaerobic treatment of fibreboard manufacturing wastewaters in a pilot scale hybrid USBF reactor	Fernandez J.M., Omil F., Mendez R., Lema J.M.	Water Research	39
600	1999	Biodegradation of formaldehyde under anaerobic conditions	Omil F., Mendez D., Vidal G., Mendez R., Lema J.M.	Enzyme and Microbial Technology	39
601	1999	The dehydration of garlic. 1.Desorption isotherms and modelling of drying kinetics	Vazquez G., Chenlo F., Moreira R., Costoyas A.	Drying Technology	39
602	2020	Physicochemical composition and nutritional properties of deer burger enhanced with healthier oils	Vargas-Ramella M., Munekata P.E.S., Pateiro M., Franco D., Campagnol P.C.B., Tomasevic I., Dominguez R., Lorenzo J.M.	Foods	38
603	2016	Thermophysical characterization of the mixtures of the ionic liquid 1-ethyl-3-methylimidazolium acetate with 1-propanol or 2-propanol	Castro M.C., Arce A., Soto A., Rodriguez H.	Journal of Chemical and Engineering Data	38
604	2013	Life cycle assessment of potential energy uses for short rotation willow biomass in Sweden	Gonzalez-Garcia S., Mola-Yudego B., Murphy R.J.	International Journal of Life Cycle Assessment	38
605	2013	Carbon footprint of a multi-ingredient seafood product from a business-to-business perspective	Vazquez-Rowe I., Villanueva-Rey P., Mallo J., De La Cerda J.J., Moreira M.T., Feijoo G.	Journal of Cleaner Production	38
606	2012	Continuous operation of a fluidized bed reactor for the removal of estrogens by immobilized laccase on Eupergit supports	Lloret L., Eibes G., Feijoo G., Moreira M.T., Lema J.M.	Journal of Biotechnology	38
607	2012	Investigating a high ozone episode in a rural mountain site	Monteiro A., Strunk A., Carvalho A., Tchepel O., Miranda A.I., Borrego C., Saavedra S., Rodriguez A., Souto J., Casares J., Friese E., Elbern H.	Environmental Pollution	38
608	2011	Combined effect of high pressure treatment and anti-microbial bio-sourced materials on microorganisms' growth in model food during storage	Raouche S., Mauricio-Iglesias M., Peyron S., Guillard V., Gontard N.	Innovative Food Science and Emerging Technologies	38
609	2005	Effect of surfactants on the soil desorption of hexachlorocyclohexane (HCH) isomers and their anaerobic biodegradation	Quintero J.C., Moreira M.T., Feijoo G., Lema J.M.	Journal of Chemical Technology and Biotechnology	38
610	2005	The environmental impact of mastitis: A case study of dairy herds	Hospido A., Sonesson U.	Science of the Total Environment	38
611	2005	Mathematical modelling of the drying kinetics of chestnut (<i>Castanea sativa</i> mill.) influence of the natural shells	Moreira R., Chenlo F., Chaguri L., Vazquez G.	Food and Bioproducts Processing	38
612	2004	Liquid-liquid equilibria of linalool + ethanol + water, water + ethanol + limonene, and limonene + linalool + water systems	Arce A., Marchiaro A., Soto A.	Journal of Solution Chemistry	38
613	1999	Use of a fungal bioreactor as a pretreatment or post-treatment step for continuous decolorisation of dyes	Palma C., Moreira M.T., Mielgo I., Feijoo G., Lema J.M.	Water Science and Technology	38
614	1997	Continuous production of manganese peroxidase by <i>Phanerochaete chrysosporium</i> immobilized on polyurethane foam in a pulsed packed-bed bioreactor	Moreira M.T., Feijoo G., Palma C., Lema J.M.	Biotechnology and Bioengineering	38

615	1997	Effect of the inoculation with <i>Desulforhabdus amnigenus</i> and pH or O ₂ shocks on the competition between sulphate reducing and methanogenic bacteria in an acetate fed UASB reactor	Omil F., Oude Elferink S.J.W.H., Lens P., Hulshoff Pol L.W., Lettinga G.	Bioresource Technology	38
616	1997	Influence of surfactants on absorption of CO ₂ in a stirred tank with and without bubbling	Vazquez G., Cancela M.A., Varela R., Alvarez E., Navaza J.M.	Chemical Engineering Journal	38
617	1995	Anaerobic treatment of eucalyptus fiberboard manufacturing wastewater by a hybrid usbf lab-scale reactor	Fernandez J.M., Mendez R.J., Lema J.M.	Environmental Technology (United Kingdom)	38
618	2018	Shelf life study of healthy pork liver pâté with added seaweed extracts from <i>Ascophyllum nodosum</i> , <i>Fucus vesiculosus</i> and <i>Bifurcaria bifurcata</i>	Agregan R., Franco D., Carballo J., Tomasevic I., Barba F.J., Gomez B., Muchenje V., Lorenzo J.M.	Food Research International	37
619	2018	Why are organic micropollutants not fully biotransformed? A mechanistic modelling approach to anaerobic systems	Gonzalez-Gil L., Mauricio-Iglesias M., Carballa M., Lema J.M.	Water Research	37
620	2018	Pilot-scale ELAN® process applied to treat primary settled urban wastewater at low temperature via partial nitrification-anammox processes	Pedrouso A., Aiartza I., Morales N., Vazquez-Padin J.R., Rogalla F., Campos J.L., Mosquera-Corral A., Val del Rio A.	Separation and Purification Technology	37
621	2018	Blending based optimisation and pretreatment strategies to enhance anaerobic digestion of poultry manure	Rodriguez-Verde I., Regueiro L., Lema J.M., Carballa M.	Waste Management	37
622	2017	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles	Feijoo S., Gonzalez-Garcia S., Moldes-Diz Y., Vazquez-Vazquez C., Feijoo G., Moreira M.T.	Journal of Cleaner Production	37
623	2017	Life Cycle Assessment of pig production: A case study in Galicia	Noya I., Villanueva-Rey P., Gonzalez-Garcia S., Fernandez M.D., Rodriguez M.R., Moreira M.T.	Journal of Cleaner Production	37
624	2012	Breed effect between Mos rooster (Galician indigenous breed) and Sasso T-44 line and finishing feed effect of commercial fodder or corn	Franco D., Rois D., Vazquez J.A., Purrinos L., Gonzalez R., Lorenzo J.M.	Poultry Science	37
625	2011	Effect of sodium chloride, sucrose and chestnut starch on rheological properties of chestnut flour doughs	Moreira R., Chenlo F., Torres M.D.	Food Hydrocolloids	37
626	2010	Essential oil deterpenation by solvent extraction using 1-ethyl-3-methylimidazolium 2-(2-methoxyethoxy) ethylsulfate ionic liquid	Francisco M., Lago S., Soto A., Arce A.	Fluid Phase Equilibria	37
627	2009	Physical properties of binary and ternary mixtures of ethyl acetate, ethanol, and 1-octyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide at 298.15 K	Andreatta A.E., Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	37
628	2008	Liquid-liquid equilibria for [C8mim][NTf ₂] + thiophene + 2,2,4-trimethylpentane or + toluene	Alonso L., Arce A., Francisco M., Soto A.	Journal of Chemical and Engineering Data	37
629	2006	Analysis of mass transfer in the precipitation process of calcium carbonate using a gas/liquid reaction	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Chemical Engineering Journal	37
630	1999	Structures, and reactivities with formaldehyde, of some acetosolv pine lignins	Vazquez G., Freire S., Rodriguez-Bona C., Gonzalez J., Antorrena G.	Journal of Wood Chemistry and Technology	37
631	1997	Anaerobic biodegradability and toxicity of wastewaters from chlorine and total chlorine-free bleaching of eucalyptus kraft pulps	Vidal G., Soto M., Field J., Mendez-Pampin R., Lema J.M.	Water Research	37
632	1995	Degradation of high molecular weight compounds of Kraft pulp mill effluents by a combined treatment with fungi and bacteria	Feijoo G., Vidal G., Moreira M.T., Mendez R., Lema J.M.	Biotechnology Letters	37
633	2019	Omega-3 and Polyunsaturated Fatty Acids-Enriched Hamburgers Using Sterol-Based Oleogels	Martins A.J., Lorenzo J.M., Franco D., Vicente A.A., Cunha R.L., Pastrana L.M., Quinones J., Cerqueira M.A.	European Journal of Lipid Science and Technology	36
634	2018	An innovative wastewater treatment technology based on UASB and IFAS for cost-efficient macro and micropollutant removal	Arias A., Alvarino T., Allegue T., Suarez S., Garrido J.M., Omil F.	Journal of Hazardous Materials	36
635	2018	Electron bifurcation mechanism and homoacetogenesis explain products yields in mixed culture anaerobic fermentations	Regueira A., Gonzalez-Cabaleiro R., Ofiteru I.D., Rodriguez J., Lema J.M.	Water Research	36
636	2018	Comparative environmental Life Cycle Assessment of integral revalorization of vine shoots from a biorefinery perspective	Gullon P., Gullon B., Davila I., Labidi J., Gonzalez-Garcia S.	Science of the Total Environment	36
637	2015	Influence of dissolved oxygen concentration on the start-up of the anammox-based process: ELAN®	Morales N., Val Del Rio A., Vazquez-Padin J.R., Gutierrez R., Fernandez-Gonzalez R., Icaran P., Rogalla F., Campos J.L., Mendez R., Mosquera-Corral A.	Water Science and Technology	36
638	2013	Assessing environmental sustainability of particleboard production process by ecological footprint	Saravia-Cortez A.M., Herva M., Garcia-Dieguez C., Roca E.	Journal of Cleaner Production	36
639	2011	Combining LCT tools for the optimization of an industrial process: Material and energy flow analysis and best available techniques	Rodriguez M.T.T., Andrade L.C., Bugallo P.M.B., Long J.J.C.	Journal of Hazardous Materials	36
640	2010	Density, speed of sound, isentropic compressibility, and excess volume of (monoethanolamine + 2-amino-2-methyl-1-propanol), (monoethanolamine + triethanolamine), and (monoethanolamine + N-methyldiethanolamine) at temperatures from (293.15 to 323.15) K	Alvarez E., Cerdeira F., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	36
641	2009	Oxygen mass transfer to emulsions in a bubble column contactor	Gomez-Diaz D., Gomes N., Teixeira J.A., Belo I.	Chemical Engineering Journal	36

642	2009	Simplified algorithm for the prediction of water sorption isotherms of fruits, vegetables and legumes based upon chemical composition	Moreira R., Chenlo F., Torres M.D.	Journal of Food Engineering	36
643	2009	Selection of variables for on-line monitoring, diagnosis, and control of anaerobic digestion processes	Molina F., Castellano M., Garcia C., Roca E., Lema J.M.	Water Science and Technology	36
644	2009	Characteristics of nitrifying granules developed in an air pulsing SBR	Belmonte M., Vazquez-Padin J.R., Figueroa M., Franco A., Mosquera-Corral A., Campos J.L., Mendez R.	Process Biochemistry	36
645	2009	Effect of temperature on the viscosity of honey	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C.	International Journal of Food Properties	36
646	2008	Influence of gas flow-induced shear stress on the operation of the Anammox process in a SBR	Arrojo B., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	Chemosphere	36
647	2006	Mass transfer during osmotic dehydration of chestnut using sodium chloride solutions	Chenlo F., Moreira R., Fernandez-Herrero C., Vazquez G.	Journal of Food Engineering	36
648	2005	Removal of pharmaceutically active compounds in nitrifying-denitrifying plants	Suarez S., Ramil M., Omil F., Lema J.M.	Water Science and Technology	36
649	2004	Kinematic viscosity and water activity of aqueous solutions of glycerol and sodium chloride	Chenlo F., Moreira R., Pereira G., Bello B.	European Food Research and Technology	36
650	1999	Desorption isotherms of muscatel and aledo grapes, and the influence of pretreatments on muscatel isotherms	Vazquez G., Chenlo F., Moreira R., Carballo L.	Journal of Food Engineering	36
651	1998	Oxalic acid production by <i>Aspergillus niger</i> . Part I: Influence of sucrose and milk whey as carbon source	Cameselle C., Bohlmann J.T., Nunez M.J., Lema J.M.	Bioprocess Engineering	36
652	1996	Anaerobic treatment of seafood processing waste waters in an industrial anaerobic pilot plant	Omil F., Mendez R., Lema J.M.	Water SA	36
653	1978	The solution of steady-state chemical engineering optimisation problems using a random-search algorithm	Goulcher R., Casares Long J.J.	Computers and Chemical Engineering	36
654	2020	Antioxidant activity and peptidomic analysis of porcine liver hydrolysates using alcalase, bromelain, flavourzyme and papain enzymes	Lopez-Pedrouso M., Borrajo P., Pateiro M., Lorenzo J.M., Franco D.	Food Research International	35
655	2020	Characterization of enriched meat-based pâté manufactured with oleogels as fat substitutes	Martins A.J., Lorenzo J.M., Franco D., Pateiro M., Dominguez R., Muneke P.E.S., Pastrana L.M., Vicente A.A., Cunha R.L., Cerqueira M.A.	Gels	35
656	2018	Environmental impacts of the cultivation-phase associated with agricultural crops for feed production	Noya I., Gonzalez-Garcia S., Bacenetti J., Fiala M., Moreira M.T.	Journal of Cleaner Production	35
657	2018	An environmental evaluation of food supply chain using life cycle assessment: A case study on gluten free biscuit products	Noya L.I., Vasilaki V., Stojceska V., Gonzalez-Garcia S., Kleynhans C., Tassou S., Moreira M.T., Katsou E.	Journal of Cleaner Production	35
658	2016	The effect of temperature on polyethylene glycol (4000 or 8000)-(sodium or ammonium) sulfate Aqueous Two Phase Systems	Gonzalez-Amado M., Rodil E., Arce A., Soto A., Rodriguez O.	Fluid Phase Equilibria	35
659	2014	Enhanced ammonia removal at room temperature by pH controlled partial nitrification and subsequent anaerobic ammonium oxidation	Duran U., Val Del Rio A., Campos J.L., Mosquera-Corral A., Mendez R.	Environmental Technology (United Kingdom)	35
660	2014	Eco-designing the use phase of products in sustainable manufacturing: The importance of maintenance and communication-to-user strategies sanyé-mengual et al. Eco-designing the use phase	Sanyé-Mengual E., Perez-Lopez P., Gonzalez-Garcia S., Lozano R.G., Feijoo G., Moreira M.T., Gabarrell X., Rieradevall J.	Journal of Industrial Ecology	35
661	2013	Life cycle assessment (LCA) of wood-based building materials	Sathre R., Gonzalez-Garcia S.	Eco-Efficient Construction and Building Materials: Life Cycle Assessment (LCA), Eco-Labeling and Case Studies	35
662	2013	Carbon dioxide absorption in the ionic liquid 1-ethylpyridinium ethylsulfate and in its mixtures with another ionic liquid	Pinto A.M., Rodriguez H., Arce A., Soto A.	International Journal of Greenhouse Gas Control	35
663	2012	Multicorrelation models and uptake factors to estimate extractable metal concentrations from soil and metal in plants in pasturelands fertilized with manure	Lopes C., Herva M., Franco-Uria A., Roca E.	Environmental Pollution	35
664	2011	Sustainable and safe design of footwear integrating ecological footprint and risk criteria	Herva M., Alvarez A., Roca E.	Journal of Hazardous Materials	35
665	2011	Environmental assessment of black locust (<i>Robinia pseudoacacia</i> L.)-based ethanol as potential transport fuel	Gonzalez-Garcia S., Gasol C.M., Moreira M.T., Gabarrell X., Pons J.R.I., Feijoo G.	International Journal of Life Cycle Assessment	35
666	2010	Density, Speed of sound, isentropic compressibility, and excess volume of binary mixtures of 1-amino-2-propanol or 3-amino-1-propanol with 2-amino-2-methyl-1-propanol, diethanolamine, or triethanolamine from (293.15 to 323.15) K	Alvarez E., Cerdeira F., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	35
667	2009	Post-treatment of effluents from anaerobic digesters by the Anammox process	Vazquez-Padin J.R., Figueroa M., Fernandez I., Mosquera-Corral A., Campos J.L., Mendez R.	Water Science and Technology	35
668	2009	Mass-transfer enhancement or reduction by surfactant presence at a gas-liquid interface	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Industrial and Engineering Chemistry Research	35

669	2008	Liquid-liquid equilibria of ([C2mim][EtSO4] + Thiophene + 2,2,4-Trimethylpentane) and ([C2mim][EtSO4] + Thiophene + Toluene): Experimental data and correlation	Alonso L., Arce A., Francisco M., Soto A.	Journal of Solution Chemistry	35
670	1999	Effect of cation and anion of an electrolyte on apparent molar volume, isentropic compressibility and refractive index of glycine in aqueous solutions	Soto A., Arce A., Khoshkbarchi M.K.	Biophysical Chemistry	35
671	1998	Role of organic acids in the manganese-independent biobleaching system of <i>bjerkandera</i> sp. Strain BOS55	Moreira M.T., Feijoo G., Mester T., Mayorga P., Sierra-Alvarez R., Field J.A.	Applied and Environmental Microbiology	35
672	1991	Chemical reactor engineering concepts in design and operation of an anaerobic treatment processes	Lema J.M., Mendez R., Iza J., Garcia P., Fernandez-Polanco F.	Water Science and Technology	35
673	1989	Characterization, digestibility and anaerobic treatment of leachates from old and young landfills	Mendez R., Lema J.M., Blazquez R., Pan M., Forjan C.	Water Science and Technology	35
674	2019	Effects of short- and long-term exposures of humic acid on the Anammox activity and microbial community	Kraiem K., Wahab M.A., Kallali H., Fra-vazquez A., Pedrouso A., Mosquera-Corral A., Jedidi N.	Environmental Science and Pollution Research	34
675	2018	Environmental Fate of Petroleum Hydrocarbons in Soil: Review of Multiphase Transport, Mass Transfer, and Natural Attenuation Processes	BALSEIRO-ROMERO M., MONTERROSO C., CASARES J.J.	Pedosphere	34
676	2018	Integrating uncertainties to the combined environmental and economic assessment of algal biorefineries: A Monte Carlo approach	Perez-Lopez P., Montazeri M., Feijoo G., Moreira M.T., Eckelman M.J.	Science of the Total Environment	34
677	2017	Efficiency of hydrophobic phosphonium ionic liquids and DMSO as recyclable cellulose dissolution and regeneration media	Holding A.J., Parviainen A., Kilpelainen I., Soto A., King A.W.T., Rodriguez H.	RSC Advances	34
678	2017	Environmentally friendly wood adhesives based on chestnut (<i>Castanea sativa</i>) shell tannins	Santos J., Antorrena G., Freire M.S., Pizzi A., Gonzalez-Alvarez J.	European Journal of Wood and Wood Products	34
679	2013	Sex effect on meat quality and carcass traits of foals slaughtered at 15 months of age	Lorenzo J.M., Sarries M.V., Franco D.	Animal	34
680	2011	Isobaric vapour-liquid equilibria and physical properties for isopropyl acetate-isopropanol+1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide mixtures	Andreatta A.E., Francisco M., Rodil E., Soto A., Arce A.	Fluid Phase Equilibria	34
681	2011	Scalping of four aroma compounds by one common (LDPE) and one biosourced (PLA) packaging materials during high pressure treatments	Mauricio-Iglesias M., Peyron S., Chalier P., Gontard N.	Journal of Food Engineering	34
682	2010	Rheological properties of aqueous dispersions of tragacanth and guar gums at different concentrations	Chenlo F., Moreira R., Silva C.	Journal of Texture Studies	34
683	2008	Curing kinetics of the epoxy system diglycidyl ether of bisphenol A/isophoronediamine by Fourier transform infrared spectroscopy	Fraga F., Vazquez E.C., Rodriguez-Nunez E., Martinez-Ageitos J.M.	Polymers for Advanced Technologies	34
684	2007	Fuzzy-based control of an anaerobic reactor treating wastewaters containing ethanol and carbohydrates	Garcia C., Molina F., Roca E., Lema J.M.	Industrial and Engineering Chemistry Research	34
685	2006	Experimental results and modeling of the osmotic dehydration kinetics of chestnut with glucose solutions	Chenlo F., Moreira R., Fernandez-Herrero C., Vazquez G.	Journal of Food Engineering	34
686	2003	Physical aging for an epoxy network diglycidyl ether of bisphenol A/m-xylylenediamine	Fraga F., Castro-Diaz C., Rodriguez-Nunez E., Martinez-Ageitos J.M.	Polymer	34
687	2021	Elimination of SARS-CoV-2 along wastewater and sludge treatment processes	Serra-Compte A., Gonzalez S., Arnaldos M., Berlendis S., Courtois S., Loret J.F., Schlosser O., Yanez A.M., Soria-Soria E., Fittipaldi M., Saucedo G., Pinar-Mendez A., Paraira M., Galofre B., Lema J.M., Balboa S., Mauricio-Iglesias M., Bosch A., Pinto R.M., Bertrand I., Gantzer C., Montero C., Litrico X.	Water Research	33
688	2018	Microwave hydrodiffusion and gravity (MHG) processing of <i>Laminaria ochroleuca</i> brown seaweed	Lopez-Hortas L., Gannon L., Moreira R., Chenlo F., Dominguez H., Torres M.D.	Journal of Cleaner Production	33
689	2018	Integrating Urban Metabolism, Material Flow Analysis and Life Cycle Assessment in the environmental evaluation of Santiago de Compostela	Garcia-Guaita F., Gonzalez-Garcia S., Villanueva-Rey P., Moreira M.T., Feijoo G.	Sustainable Cities and Society	33
690	2015	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil	Eibes G., Arca-Ramos A., Feijoo G., Lema J.M., Moreira M.T.	Applied Microbiology and Biotechnology	33
691	2015	Effect of the extraction technique on the recovery of bioactive compounds from eucalyptus (<i>Eucalyptus globulus</i>) wood industrial wastes	Fernandez-Agullo A., Freire M.S., Gonzalez-Alvarez J.	Industrial Crops and Products	33
692	2014	Optimisation of substrate blends in anaerobic co-digestion using adaptive linear programming	Garcia-Gen S., Rodriguez J., Lema J.M.	Bioresource Technology	33
693	2014	Fish discards management in selected Spanish and Portuguese métiers: Identification and potential valorisation	Ordóñez-Del Pazo T., Antelo L.T., Franco-Uria A., Perez-Martin R.I., Sotelo C.G., Alonso A.A.	Trends in Food Science and Technology	33
694	2013	Economic valuation of environmental benefits of removing pharmaceutical and personal care products from WWTP effluents by ozonation	Molinos-Senante M., Reif R., Garrido-Baserba M., Hernandez-Sancho F., Omil F., Poch M., Sala-Garrido R.	Science of the Total Environment	33
695	2013	Integrated environmental permit through Best Available Techniques: Evaluation of the fish and seafood canning industry	Bello Bugallo P.M., Cristobal Andrade L., Magan Iglesias A., Torres Lopez R.	Journal of Cleaner Production	33
696	2013	Influence of the chestnuts drying temperature on the rheological properties of their doughs	Moreira R., Chenlo F., Torres M.D., Rama B.	Food and Bioproducts Processing	33

697	2012	Aerobic granular-type biomass development in a continuous stirred tank reactor	Morales N., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	Separation and Purification Technology	33
698	2011	Viscosimetric behaviour of hyaluronic acid in different aqueous solutions	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Regueiro L., Vidal-Tato I.	Carbohydrate Polymers	33
699	2011	Multi-objective cascade controller for an anaerobic digester	Garcia-Dieguez C., Molina F., Roca E.	Process Biochemistry	33
700	2011	Updating the carbon footprint of the Galician fishing activity (NW Spain)	Iribarren D., Vazquez-Rowe I., Hospido A., Moreira M.T., Feijoo G.	Science of the Total Environment	33
701	2011	Drying kinetics of biofilms obtained from chestnut starch and carrageenan with and without Glycerol	Moreira R., Chenlo F., Torres M.D., Silva C., Prieto D.M., Sousa A.M.M., Hilliou L., Goncalves M.P.	Drying Technology	33
702	2010	Ab initio molecular dynamics study of the static, dynamic, and electronic properties of liquid Bi near melting using real-space pseudopotentials	Souto J., Alemany M.M.G., Gallego L.J., Gonzalez L.E., Gonzalez D.J.	Physical Review B - Condensed Matter and Materials Physics	33
703	2009	Pilot-scale validation of a new sensor for on-line analysis of volatile fatty acids and alkalinity in anaerobic wastewater treatment plants	Molina F., Ruiz-Filippi G., Garcia C., Lema J.M., Roca E.	Environmental Engineering Science	33
704	2003	Covalent immobilisation of manganese peroxidases (MnP) from <i>Phanerochaete chrysosporium</i> and <i>Bjerkandera</i> sp. BOS55	Mielgo I., Palma C., Guisan J.M., Fernandez-Lafuente R., Moreira M.T., Feijoo G., Lema J.M.	Enzyme and Microbial Technology	33
705	1997	Methanogenic degradation of p-cresol in batch and in continuous UASB reactors	Kennes C., Mendez R., Lema J.M.	Water Research	33
706	1997	Molar volumes, molar refractions, and isentropic compressibilities of (ethanol + methanol + 2-methoxy-2-methylpropane) and (ethanol + methanol + 2-methoxy-2-methylbutane) at 298.15 K	Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	33
707	1995	Characterization of biomass from a pilot plant digester treating saline wastewater	Omil F., Mendez R.J., Lema J.M.	Journal of Chemical Technology & Biotechnology	33
708	2020	Addressing challenges and opportunities of the European seafood sector under a circular economy framework	Ruiz-Salmon I., Margallo M., Laso J., Villanueva-Rey P., Marino D., Quinteiro P., Dias A.C., Nunes M.L., Marques A., Feijoo G., Moreira M.T., Loubet P., Sonnemann G., Morse A., Cooney R., Clifford E., Rowan N., Mendez-Paz D., Iglesias-Parga X., Anglada C., Martin J.-C., Irabien A., Aldaco R.	Current Opinion in Environmental Science and Health	32
709	2019	Removal of VOCs from waste gases using various thermal oxidizers: A comparative study based on life cycle assessment and cost analysis in China	Tomatis M., Moreira M.T., Xu H., Deng W., He J., Parvez A.M.	Journal of Cleaner Production	32
710	2018	A systematic methodology for the robust quantification of energy efficiency at wastewater treatment plants featuring Data Envelopment Analysis	Longo S., Hospido A., Lema J.M., Mauricio-Iglesias M.	Water Research	32
711	2018	Trends in organic micropollutants removal in secondary treatment of sewage	Alvarino T., Lema J., Omil F., Suarez S.	Reviews in Environmental Science and Biotechnology	32
712	2018	Measurements of the density, refractive index, electrical conductivity, thermal conductivity and dynamic viscosity for tributylmethylphosphonium and methylsulfate based ionic liquids	Rodil E., Arce A., Arce A., Soto A.	Thermochimica Acta	32
713	2016	CO ₂ absorption into N-methyldiethanolamine aqueous-organic solvents	Tamajon F.J., Alvarez E., Cerdeira F., Gomez-Diaz D.	Chemical Engineering Journal	32
714	2014	Solvent screening methodology for in situ ABE extractive fermentation	Gonzalez-Penas H., Lu-Chau T.A., Moreira M.T., Lema J.M.	Applied Microbiology and Biotechnology	32
715	2014	Life cycle inventory analysis of granite production from cradle to gate	Mendoza J.-M.F., Feced M., Feijoo G., Josa A., Gabarrell X., Rieradevall J.	International Journal of Life Cycle Assessment	32
716	2013	MALDI-TOF, HPLC-ESI-TOF and ¹³ C-NMR characterization of chestnut (<i>Castanea sativa</i>) shell tannins for wood adhesives	Vazquez G., Pizzi A., Freire M.S., Santos J., Antorrena G., Gonzalez-Alvarez J.	Wood Science and Technology	32
717	2012	Effect of shortenings on the rheology of gluten-free doughs: Study of chestnut flour with chia flour, olive and sunflower oils	Moreira R., Chenlo F., Torres M.D.	Journal of Texture Studies	32
718	2012	Technological Assessment of Chestnut Flour Doughs Regarding to Doughs from Other Commercial Flours and Formulations	Moreira R., Chenlo F., Torres M.D., Prieto D.M.	Food and Bioprocess Technology	32
719	2011	Desorption Isotherms and Net Isosteric Heat of Chestnut Flour and Starch	Chenlo F., Moreira R., Prieto D.M., Torres M.D.	Food and Bioprocess Technology	32
720	2011	Rheological properties of commercial chestnut flour doughs with different gums	Moreira R., Chenlo F., Torres M.D.	International Journal of Food Science and Technology	32
721	2010	Modelling aerobic granular SBR at variable COD/N ratios including accurate description of total solids concentration	Vazquez-Padin J.R., Mosquera-Corral A., Campos J.L., Mendez R., Carrera J., Perez J.	Biochemical Engineering Journal	32
722	2009	Application of FTIR and Raman microspectroscopy to the study of food/packaging interactions	Mauricio-Iglesias M., Guillard V., Gontard N., Peyron S.	Food Additives and Contaminants - Part A	32
723	2008	Ionic liquids for liquid-in-glass thermometers	Rodriguez H., Williams M., Wilkes J.S., Rogers R.D.	Green Chemistry	32
724	2008	Preparation of AgX (X = Cl, I) nanoparticles using ionic liquids	Rodil E., Aldous L., Hardacre C., Lagunas M.C.	Nanotechnology	32
725	2007	Density, kinematic viscosity, speed of sound, and surface tension of hexyl, octyl, and decyl trimethyl ammonium bromide aqueous solutions	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Journal of Chemical and Engineering Data	32

726	2007	Integrated pollution prevention and control for heavy ceramic industry in Galicia (NW Spain)	Barros M.C., Bello P., Roca E., Casares J.J.	Journal of Hazardous Materials	32
727	2006	Recycling contaminated soil as alternative raw material in cement facilities: Life cycle assessment	Navia R., Rivela B., Lorber K.E., Mendez R.	Resources, Conservation and Recycling	32
728	2002	Curing kinetics of tannin-phenol-formaldehyde adhesives as determined by DSC	Vazquez G., Gonzalez-Alvarez J., Lopez-Suevos F., Freire S., Antorrena G.	Journal of Thermal Analysis and Calorimetry	32
729	2000	Influence of surfactant concentration and chain length on the absorption of CO ₂ by aqueous surfactant solutions in the presence and absence of induced Marangoni effect	Vazquez G., Antorrena G., Navaza J.M.	Industrial and Engineering Chemistry Research	32
730	1999	Manganese removal from spiked kaolinitic soil and sludge by electromigration	Ricart M.T., Comeselle C., Lucas T., Lema J.M.	Separation Science and Technology	32
731	1999	Measurements and modelling of the solubility of a mixture of two amino acids in aqueous solutions	Soto A., Arce A., Khoshkbarchi M.K., Vera J.H.	Fluid Phase Equilibria	32
732	1994	A comparison of two techniques (adsorption and entrapment) for the immobilization of <i>Aspergillus niger</i> in polyurethane foam	Sanroman A., Pintado J., Lema J.M.	Biotechnology Techniques	32
733	1992	Pilot plant studies on the anaerobic treatment of different wastewaters from a fish-canning factory	Mendez R., Omil F., Soto M., Lema J.M.	Water Science and Technology	32
734	2021	Inclusion of seaweeds as healthy approach to formulate new low-salt meat products	Gullon P., Astray G., Gullon B., Franco D., Campagnol P.C.B., Lorenzo J.M.	Current Opinion in Food Science	31
735	2020	Dietary recommendations in Spain –affordability and environmental sustainability?	Gonzalez-Garcia S., Green R.F., Scheelbeek P.F., Harris F., Dangour A.D.	Journal of Cleaner Production	31
736	2019	Green approaches for the extraction of antioxidants from eucalyptus leaves	Gullon B., Muniz-Mouro A., Lu-Chau T.A., Moreira M.T., Lema J.M., Eibes G.	Industrial Crops and Products	31
737	2018	Effect of brown seaweed powder on physical and textural properties of wheat bread	Arufe S., Della Valle G., Chiron H., Chenlo F., Sineiro J., Moreira R.	European Food Research and Technology	31
738	2017	Physicochemical composition and antioxidant activity of several pomegranate (<i>Punica granatum</i> L.) cultivars grown in Spain	Fernandes L., Pereira J.A., Lopez-Cortes I., Salazar D.M., Gonzalez-Alvarez J., Ramalhosa E.	European Food Research and Technology	31
739	2015	Influence of type of muscle on volatile compounds throughout the manufacture of Celta dry-cured ham	Bermudez R., Franco D., Carballo J., Lorenzo J.M.	Food Science and Technology International	31
740	2014	Implications of full-scale implementation of an anammox-based process as post-treatment of a municipal anaerobic sludge digester operated with co-digestion	Vazquez-Padin J.R., Morales N., Gutierrez R., Fernandez R., Rogalla F., Barrio J.P., Campos J.L., Mosquera-Corral A., Mendez R.	Water Science and Technology	31
741	2014	Effect of supplementing different oils: Linseed, sunflower and soybean, on animal performance, carcass characteristics, meat quality and fatty acid profile of veal from "Rubia Gallega" calves	Gonzalez L., Moreno T., Bispo E., Dugan M.E.R., Franco D.	Meat Science	31
742	2013	Environmental life cycle assessment for rapeseed-derived biodiesel	Gonzalez-Garcia S., Garcia-Rey D., Hospido A.	International Journal of Life Cycle Assessment	31
743	2011	Treatment of high loaded swine slurry in an aerobic granular reactor	Figuroa M., Val Del Rio A., Campos J.L., Mosquera-Corral A., Mendez R.	Water Science and Technology	31
744	2011	A new strain of <i>Bjerkandera</i> sp. production, purification and characterization of versatile peroxidase	Taboada-Puig R., Lu-Chau T., Moreira M.T., Feijoo G., Martinez M.J., Lema J.M.	World Journal of Microbiology and Biotechnology	31
745	2010	Chemical and biochemical study of industrially produced San Simón da Costa smoked semi-hard cow's milk cheeses: Effects of storage under vacuum and different modified atmospheres	Garabal J.I., Rodriguez-Alonso P., Franco D., Centeno J.A.	Journal of Dairy Science	31
746	2007	Operation of a two-phase partitioning bioreactor for the oxidation of anthracene by the enzyme manganese peroxidase	Eibes G., Moreira M.T., Feijoo G., Daugulis A.J., Lema J.M.	Chemosphere	31
747	2006	An anaerobic bioreactor allows the efficient degradation of HCH isomers in soil slurry	Quintero J.C., Moreira M.T., Lema J.M., Feijoo G.	Chemosphere	31
748	2002	Vapor-liquid equilibrium of the ternary system ethyl acetate + hexane + acetone at 101.32 kPa	Acosta J., Arce A., Martinez-Ageitos J., Rodil E., Soto A.	Journal of Chemical and Engineering Data	31
749	2001	Densities, speeds of sound, refractive indices, and the corresponding changes of mixing at 25 °C and atmospheric pressure for systems composed by ethyl acetate, hexane, and acetone	Acosta J., Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	31
750	2000	Determination of interfacial areas in a bubble column by different chemical methods	Vazquez G., Cancela M.A., Riverol C., Alvarez E., Navaza J.M.	Industrial and Engineering Chemistry Research	31
751	1996	Densities, refractive indices, speeds of sound, and isentropic compressibilities of water + methanol + 2-methoxy-2-methylbutane at 298.15 K	Arce A., Martinez-Ageitos J., Mendoza J., Soto A.	Journal of Chemical and Engineering Data	31
752	1996	Liquid-Liquid Equilibria of (MTBE or TAME) + Ethanol + Water Mixtures	Arce A., Blanco M., Riveiro R., Vidal I.	Canadian Journal of Chemical Engineering	31
753	2019	The first evidence of global meat phosphoproteome changes in response to pre-slaughter stress	Mato A., Rodriguez-Vazquez R., Lopez-Pedrouso M., Bravo S., Franco D., Zapata C.	BMC Genomics	30
754	2018	Integrating granular activated carbon in the post-treatment of membrane and settler effluents to improve organic micropollutants removal	Paredes L., Alfonsin C., Allegue T., Omil F., Carballa M.	Chemical Engineering Journal	30
755	2017	Ionic liquids for low-tension oil recovery processes: Phase behavior tests	Rodriguez-Escontrela I., Puerto M.C., Miller C.A., Soto A.	Journal of Colloid and Interface Science	30

756	2017	Bifidobacterial growth stimulation by oligosaccharides generated from olive tree pruning biomass	Ruiz E., Gullon B., Moura P., Carvalheiro F., Eibes G., Cara C., Castro E.	Carbohydrate Polymers	30
757	2017	Rheology of aqueous mixtures of tragacanth and guar gums: Effects of temperature and polymer ratio	Silva C., Torres M.D., Chenlo F., Moreira R.	Food Hydrocolloids	30
758	2016	Effects of selected pharmaceuticals on nitrogen and phosphorus removal bioprocesses	Katsou E., Alvarino T., Malamis S., Suarez S., Frison N., Omil F., Fatone F.	Chemical Engineering Journal	30
759	2016	Risk assessment of persistent pharmaceuticals in biosolids: Dealing with uncertainty	Garcia-Santiago X., Franco-Uria A., Omil F., Lema J.M.	Journal of Hazardous Materials	30
760	2016	Carbon footprint along the Ecuadorian banana supply chain: Methodological improvements and calculation tool	Roibas L., Elbehri A., Hospido A.	Journal of Cleaner Production	30
761	2014	A conceptual framework for the introduction of energy crops	Mola-Yudego B., Dimitriou I., Gonzalez-Garcia S., Gritten D., Aronsson P.	Renewable Energy	30
762	2013	Generalised modelling approach for anaerobic co-digestion of fermentable substrates	Garcia-Gen S., Lema J.M., Rodriguez J.	Bioresource Technology	30
763	2010	The behavior of nitrifying sludge in presence of sulfur compounds using a floating biofilm reactor	Beristain-Cardoso R., Gomez J., Mendez-Pampin R.	Bioresource Technology	30
764	2010	Study of hydrolyzed protein composition, free amino acid, and taurine content in different muscles of galician blonde beef	Franco D., Gonzalez L., Bispo E., Rodriguez P., Garabal J.I., Moreno T.	Journal of Muscle Foods	30
765	2010	Role of electrostatic and hydrophobic forces in the interaction of ionic dyes with charged micelles	Freire S., Bordello J., Granadero D., Al-Soufi W., Novo M.	Photochemical and Photobiological Sciences	30
766	2009	Gas absorption in bubble column using a non-Newtonian liquid phase	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C., Sanjurjo B.	Chemical Engineering Journal	30
767	2007	Treatment of winery wastewaters in a membrane submerged bioreactor	Artiga P., Carballa M., Garrido J.M., Mendez R.	Water Science and Technology	30
768	2004	Rheology of food stabilizers blends	Gomez-Diaz D., Navaza J.M.	Journal of Food Engineering	30
769	2003	Effect of veneer side wettability on bonding quality of Eucalyptus globulus plywoods prepared using a tannin-phenol-formaldehyde adhesive	Vazquez G., Gonzalez-Alvarez J., Lopez-Suevos F., Antorrena G.	Bioresource Technology	30
770	2001	Extraction and functionality of membrane-concentrated protein from defatted Rosa rubiginosa seeds	Moure A., Sineiro J., Dominguez H.	Food Chemistry	30
771	1994	Simultaneous biodegradation of p-cresol and phenol by the basidiomycete Phanerochaete chrysosporium	Kennes C., Lema J.M.	Journal of Industrial Microbiology	30
772	1994	Liquid-Liquid Equilibria of Water + Methanol + 1-Octanol and Water + Ethanol + 1-Octanol at Various Temperatures	Arce A., Blanco A., Souza P., Vidal I.	Journal of Chemical and Engineering Data	30
773	1994	Liquid-liquid equilibria of water + methanol + (MTBE or TAME) mixtures	Arce A., Blanco A., Blanco M., Soto A., Vidal I.	The Canadian Journal of Chemical Engineering	30
774	2020	BECCS based on bioethanol from wood residues: Potential towards a carbon-negative transport and side-effects	Bello S., Galan-Martin A., Feijoo G., Moreira M.T., Guillen-Gosalbez G.	Applied Energy	29
775	2020	Acidogenesis is a key step in the anaerobic biotransformation of organic micropollutants	Carneiro R.B., Gonzalez-Gil L., Londono Y.A., Zaiat M., Carballa M., Lema J.M.	Journal of Hazardous Materials	29
776	2017	Effect of natural antioxidants on physicochemical properties and lipid stability of pork liver pâté manufactured with healthy oils during refrigerated storage	Munekata P.E.S., Dominguez R., Campagnol P.C.B., Franco D., Trindade M.A., Lorenzo J.M.	Journal of Food Science and Technology	29
777	2013	Meat quality of veal: Discriminatory ability of weaning status	Pateiro M., Lorenzo J.M., Diaz S., Gende J.A., Fernandez M., Gonzalez J., Garcia L., Rial F.J., Franco D.	Spanish Journal of Agricultural Research	29
778	2013	Reducing the Anaerobic Digestion Model No. 1 for its application to an industrial wastewater treatment plant treating winery effluent wastewater	Garcia-Dieguez C., Bernard O., Roca E.	Bioresource Technology	29
779	2012	Evaluation of non-linear equations to model different animal growths with mono and bisigmoid profiles	Vazquez J.A., Lorenzo J.M., Fucinos P., Franco D.	Journal of Theoretical Biology	29
780	2012	Life cycle assessment of aquaculture feed and application to the turbot sector	Iribarren D., Moreira M.T., Feijoo G.	International Journal of Environmental Research	29
781	2008	Intrinsic viscosity and flow behaviour of arabic gum aqueous solutions	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C.	International Journal of Food Properties	29
782	2006	A complete discussion of the rationale supporting the experimental determination of individual ionic activities	Wilczek-Vera G., Rodil E., Vera J.H.	Fluid Phase Equilibria	29
783	2006	Application of cattle manure as fertilizer in pastureland: Estimating the incremental risk due to metal accumulation employing a multicompartiment model	Franco A., Schuhmacher M., Roca E., Luis Domingo J.	Environment International	29
784	2005	Anaerobic microbial mobilization and biotransformation of arsenate adsorbed onto activated alumina	Sierra-Alvarez R., Field J.A., Cortinas I., Feijoo G., Teresa Moreira M., Kopplin M., Jay Gandolfi A.	Water Research	29
785	2003	Propanediols for separation of citrus oil: Liquid-liquid equilibria of limonene + linalool + (1,2-propanediol or 1,3-propanediol)	Arce A., Marchiaro A., Soto A.	Fluid Phase Equilibria	29
786	2003	Degradation of polymers in a biofilm airlift suspension reactor	Mosquera-Corral A., Montras A., Heijnen J.J., Van Loosdrecht M.C.M.	Water Research	29

787	2002	Viscosities, densities, surface tensions, and refractive indexes of 2,2,4-trimethylpentane + cyclohexane + decane ternary liquid systems at 298.15 K	Gomez-Diz D., Mejuto J.C., Navaza J.M., Rodriguez-Alvarez A.	Journal of Chemical and Engineering Data	29
788	1999	Use of cheese whey as a substrate to produce manganese peroxidase by <i>Bjerkandera</i> sp. BOS55	Feijoo G., Moreira M.T., Roca E., Lema J.M.	Journal of Industrial Microbiology and Biotechnology	29
789	1996	Tannin-based adhesives for bonding high-moisture Eucalyptus veneers: Influence of tannin extraction and press conditions	Vazquez G., Antorrena G., Gonzalez J., Alvarez J.C.	Holz als Roh - und Werkstoff	29
790	2019	Molecular insight into taste and aroma of sliced dry-cured ham induced by protein degradation undergone high-pressure conditions	Lopez-Pedrouso M., Perez-Santaescolastica C., Franco D., Carballo J., Zapata C., Lorenzo J.M.	Food Research International	28
791	2019	Does the feeding strategy enhance the aerobic granular sludge stability treating saline effluents?	Carrera P., Campo R., Mendez R., Di Bella G., Campos J.L., Mosquera-Corral A., Val del Rio A.	Chemosphere	28
792	2019	Comparative study on pilots between ANAMMOX favored conditions in a partially saturated vertical flow constructed wetland and a hybrid system for rural wastewater treatment	Kraiem K., Kallali H., Wahab M.A., Fra-vazquez A., Mosquera-Corral A., Jedidi N.	Science of the Total Environment	28
793	2018	What happens with organic micropollutants during UV disinfection in WWTPs? A global perspective from laboratory to full-scale	Paredes L., Omil F., Lema J.M., Carballa M.	Journal of Hazardous Materials	28
794	2016	Transient concentrations of NaCl affect the PHA accumulation in mixed microbial culture	Palmeiro-Sanchez T., Fra-Vazquez A., Rey-Martinez N., Campos J.L., Mosquera-Corral A.	Journal of Hazardous Materials	28
795	2015	Continuous removal of endocrine disruptors by versatile peroxidase using a two-stage system	Taboada-Puig R., Lu-Chau T.A., Eibes G., Feijoo G., Moreira M.T., Lema J.M.	Biotechnology Progress	28
796	2014	Influence of transitional states on the microbial ecology of anaerobic digesters treating solid wastes	Regueiro L., Veiga P., Figueroa M., Lema J.M., Carballa M.	Applied Microbiology and Biotechnology	28
797	2014	Comparing environmental impacts of different forest management scenarios for maritime pine biomass production in France	Gonzalez-Garcia S., Bonnesoeur V., Pizzi A., Feijoo G., Moreira M.T.	Journal of Cleaner Production	28
798	2014	Dual functional ionic liquids as antimicrobials and plasticisers for medical grade PVCs	Choi S.Y., Rodriguez H., Gunaratne H.Q.N., Puga A.V., Gilpin D., McGrath S., Vyle J.S., Tunney M.M., Rogers R.D., McNally T.	RSC Advances	28
799	2013	The role of consumer purchase and post-purchase decision-making in sustainable seafood consumption. A Spanish case study using carbon footprinting	Vazquez-Rowe I., Villanueva-Rey P., Moreira M.T., Feijoo G.	Food Policy	28
800	2012	Environmental aspects of eucalyptus based ethanol production and use	Gonzalez-Garcia S., Moreira M.T., Feijoo G.	Science of the Total Environment	28
801	2012	Effects of calf diet, antioxidants, packaging type and storage time on beef steak storage	Franco D., Gonzalez L., Bispo E., Latorre A., Moreno T., Sineiro J., Sanchez M., Nunez M.J.	Meat Science	28
802	2011	Physicochemical and nutritional composition of dry-cured duck breast	Lorenzo J.M., Purrinos L., Temperan S., Bermudez R., Tallon S., Franco D.	Poultry Science	28
803	2003	Fungal bioreactors: Applications to white-rot fungi	Moreira M.T., Feijoo G., Lema J.M.	Reviews in Environmental Science and Biotechnology	28
804	2003	Selective precipitation of lysozyme from egg white using AOT	Shin Y.-O., Rodil E., Vera J.H.	Journal of Food Science	28
805	2001	Oxidation of lignin in eucalyptus kraft pulp by manganese peroxidase from <i>Bjerkandera</i> sp. Strain BOS55	Moreira M.T., Sierra-Alvarez R., Lema J.M., Feijoo G., Field J.A.	Bioresource Technology	28
806	1997	Effect of pH and low temperature shocks on the competition between sulphate reducing bacteria and methane producing bacteria in uasb reactors	Omil F., Bakker C.D., Pol L.W.H., Lettinga G.	Environmental Technology (United Kingdom)	28
807	1997	Interactions of DL-serine and L-serine with NaCl and KCl in aqueous solutions	Khoshkbarchi M.K., Soto-Campos A.M., Vera J.H.	Journal of Solution Chemistry	28
808	2020	Towards improving the sustainability of bioplastics: Process modelling and life cycle assessment of two separation routes for 2,5-furandicarboxylic acid	Bello S., Mendez-Trelles P., Rodil E., Feijoo G., Moreira M.T.	Separation and Purification Technology	27
809	2019	Embedding environmental, economic and social indicators in the evaluation of the sustainability of the municipalities of Galicia (northwest of Spain)	Gonzalez-Garcia S., Rama M., Cortes A., Garcia-Guaita F., Nunez A., Louro L.G., Moreira M.T., Feijoo G.	Journal of Cleaner Production	27
810	2019	Linking environmental sustainability and nutritional quality of the Atlantic diet recommendations and real consumption habits in Galicia (NW Spain)	Esteve-Llorens X., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Science of the Total Environment	27
811	2018	Environmental and water sustainability of milk production in Northeast Spain	Noya I., Gonzalez-Garcia S., Berzosa J., Baucells F., Feijoo G., Moreira M.T.	Science of the Total Environment	27
812	2017	Non-ideal behavior of ionic liquid mixtures to enhance CO ₂ capture	Moya C., Gonzalez-Miquel M., Rodriguez F., Soto A., Rodriguez H., Palomar J.	Fluid Phase Equilibria	27
813	2017	Is SCENA a good approach for side-stream integrated treatment from an environmental and economic point of view?	Longo S., Frison N., Renzi D., Fatone F., Hospido A.	Water Research	27
814	2015	Potentiality of a ceramic membrane reactor for the laccase-catalyzed removal of bisphenol A from secondary effluents	Arca-Ramos A., Eibes G., Feijoo G., Lema J.M., Moreira M.T.	Applied Microbiology and Biotechnology	27
815	2014	Aqueous two-phase systems for the extraction of phenolic compounds from eucalyptus (<i>Eucalyptus globulus</i>) wood industrial wastes	Xavier L., Freire M.S., Vidal-Tato I., Gonzalez-Alvarez J.	Journal of Chemical Technology and Biotechnology	27
816	2014	Inhibition of biomass activity in the via nitrite nitrogen removal processes by veterinary pharmaceuticals	Alvarino T., Katsou E., Malamis S., Suarez S., Omil F., Fatone F.	Bioresource Technology	27

817	2013	Cradle-to-gate life cycle inventory and environmental performance of Douglas-fir roundwood production in Germany	Gonzalez-Garcia S., Krowas I., Becker G., Feijoo G., Moreira M.T.	Journal of Cleaner Production	27
818	2012	Bubble column gas-liquid interfacial area in a polymer+surfactant+water system	Garcia-Abuin A., Gomez-Diaz D., Losada M., Navaza J.M.	Chemical Engineering Science	27
819	2012	Fatty acid composition of Celta pig breed as influenced by sex and location of fat in the carcass	Lorenzo J.M., Montes R., Purrinos L., Cobas N., Franco D.	Journal of the Science of Food and Agriculture	27
820	2010	Influence of the employment of adsorption and coprecipitation agents for the removal of PPCPs in conventional activated sludge (CAS) systems	Serrano D., Lema J.M., Omil F.	Water Science and Technology	27
821	2010	Effect of surfactant nature upon absorption in a bubble column	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Chemical Engineering Science	27
822	2008	Viscosities and volumetric properties of binary and ternary mixtures of tris(2-hydroxyethyl) methylammonium methylsulfate + water + ethanol at 298.15 K	Arce A., Soto A., Ortega J., Sabater G.	Journal of Chemical and Engineering Data	27
823	2008	Screening of white rot fungal species for their capacity to degrade lindane and other isomers of hexachlorocyclohexane (HCH)	Quintero J.C., Moreira M.T., Feijoo G., Lema J.M.	Ciencia e Investigacion Agraria	27
824	2007	Osmotic dehydration kinetics of pumpkin fruits using ternary solutions of sodium chloride and sucrose	Mayor L., Moreira R., Chenlo F., Sereno A.M.	Drying Technology	27
825	2007	Density and speed of sound of binary mixtures of N-methyldiethanolamine and triethanolamine with ethanol	Alvarez E., Gomez-Diaz D., La Rubia M.D., Navaza J.M., Pacheco R., Sanchez S.	Journal of Chemical and Engineering Data	27
826	2007	Winery effluent treatment at an anaerobic hybrid USBF pilot plant under normal and abnormal operation	Molina F., Ruiz-Filippi G., Garcia C., Roca E., Lema J.M.	Water Science and Technology	27
827	2005	An integrated system to remote monitor and control anaerobic wastewater treatment plants through the internet	Bernard O., Chachuat B., Helias A., Le Dantec B., Sialve B., Steyer J.-P., Lardon L., Neveu P., Lambert S., Gallop J., Dixon M., Ratini P., Quintaba A., Frattesi S., Lema J.M., Roca E., Ruiz G., Rodriguez J., Franco A., Vanrolleghem P., Zaher U., De Pauw D.J.W., De Neve K., Lievens K., Dochain D., Schoefs O., Fibrianto H., Farina R., Alcaraz Gonzalez V., Gonzalez Alvarez V., Lemaire P., Martinez J.A., Esandi F., Duclaud O., Lavigne J.F.	Water Science and Technology	27
828	2002	Liquid-liquid equilibrium of diisopropyl ether + ethanol + water system at different temperatures	Arce A., Marchiaro A., Rodriguez O., Soto A.	Journal of Chemical and Engineering Data	27
829	1999	Design of a combined mixing rule for the prediction of vapor-liquid equilibria using neural networks	Alvarez E., Riverol C., Correa J.M., Navaza J.M.	Industrial and Engineering Chemistry Research	27
830	1999	Xylitol production from wood hydrolyzates by entrapped <i>Debaryomyces hansenii</i> and <i>Candida guilliermondii</i> cells	Dominguez J.M., Cruz J.M., Roca E., Dominguez H., Parajo J.C.	Applied Biochemistry and Biotechnology - Part A Enzyme Engineering and Biotechnology	27
831	1998	Effect of the anion and the cation of an electrolyte on the activity coefficient of DL-alanine in aqueous solutions	Soto-Campos A.M., Khoshkbarchi M.K., Vera J.H.	Fluid Phase Equilibria	27
832	1997	Inhibition of cellulase activity by sunflower polyphenols	Sineiro J., Dominguez H., Nunez M.J., Lema J.M.	Biotechnology Letters	27
833	1996	Ethanol fermentation by immobilized <i>Saccharomyces cerevisiae</i> in a semipilot pulsing packed-bed bioreactor	Roca E., Flores J., Nunez M.J., Lema J.M. Juan M.	Enzyme and Microbial Technology	27
834	1995	LLE data for the systems water + (methanol or ethanol) + n-amyl acetate	Arce A., Blanco A., Martinez-Ageitos J., Vidal I.	Fluid Phase Equilibria	27
835	2020	Inclusion of healthy oils for improving the nutritional characteristics of dry-fermented deer sausage	Vargas-Ramella M., Munekata P.E.S., Gagaoua M., Franco D., Campagnol P.C.B., Pateiro M., Barretto A.C.D.S., Dominguez R., Lorenzo J.M.	Foods	26
836	2020	Production of flavonol quercetin and fructooligosaccharides from onion (<i>Allium cepa</i> L.) waste: An environmental life cycle approach	Santiago B., Arias Calvo A., Gullon B., Feijoo G., Moreira M.T., Gonzalez-Garcia S.	Chemical Engineering Journal	26
837	2019	Thermal hydrolysis of sewage sludge partially removes organic micropollutants but does not enhance their anaerobic biotransformation	Taboada-Santos A., Braz G.H.R., Fernandez-Gonzalez N., Carballa M., Lema J.M.	Science of the Total Environment	26
838	2018	Life cycle assessment of management alternatives for sludge from sewage treatment plants in Chile: does advanced anaerobic digestion improve environmental performance compared to current practices?	Cartes J., Neumann P., Hospido A., Vidal G.	Journal of Material Cycles and Waste Management	26
839	2018	Environmental aspects of oriented strand boards production. A Brazilian case study	Ferro F.S., Silva D.A.L., Rocco Lahr F.A., Argenton M., Gonzalez-Garcia S.	Journal of Cleaner Production	26
840	2016	Microbiome response to controlled shifts in ammonium and LCFA levels in co-digestion systems	Regueiro L., Carballa M., Lema J.M.	Journal of Biotechnology	26
841	2016	Water sorption isotherms and air drying kinetics modelling of the brown seaweed <i>Bifurcaria bifurcata</i>	Moreira R., Chenlo F., Sineiro J., Sanchez M., Arufe S.	Journal of Applied Phycology	26
842	2013	Influence of the cycle length on the production of PHA and polyglucose from glycerol by bacterial enrichments in sequencing batch reactors	Moralejo-Garate H., Palmeiro-Sanchez T., Kleerebezem R., Mosquera-Corral A., Campos J.L., van Loosdrecht M.C.M.	Biotechnology and Bioengineering	26

843	2013	Stability of aerobic granular biomass treating the effluent from a seafood industry	Val Del Rio A., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	International Journal of Environmental Research	26
844	2011	Estimating global discards and their potential reduction for the Galician fishing fleet (NW Spain)	Vazquez-Rowe I., Moreira M.T., Feijoo G.	Marine Policy	26
845	2010	Development of a methodology to assess the footprint of wastes	Herva M., Hernando R., Carrasco E.F., Roca E.	Journal of Hazardous Materials	26
846	2008	Energy and material flow analysis: Application to the storage stage of clay in the roof-tile manufacture	Teresa Torres M., Carmen Barros M., Bello P.M., Casares J.J., Miguel Rodriguez-Blas J.	Energy	26
847	2006	A hydrogen-based variable-gain controller for anaerobic digestion processes	Rodriguez J., Ruiz G., Molina F., Roca E., Lema J.M.	Water Science and Technology	26
848	2006	Alumina as heterogeneous catalyst for the regioselective epoxidation of terpenic diolefins with hydrogen peroxide	Uguina M.A., Delgado J.A., Rodriguez A., Carretero J., Gomez-Diaz D.	Journal of Molecular Catalysis A: Chemical	26
849	2004	Effect of pH on the stability of <i>Pleurotus eryngii</i> versatile peroxidase during heterologous production in <i>Emericella nidulans</i>	Lu-Chau T.A., Ruiz-Duenas F.J., Camarero S., Feijoo G., Martinez M.J., Lema J.M., Martinez A.T.	Bioprocess and Biosystems Engineering	26
850	2003	Surface tensions, densities and refractive indexes of mixtures of dibutyl ether and 1-alkanol at T = 298.15 K	Rilo E., Freire S., Segade L., Cabeza O., Franjo C., Jimenez E.	Journal of Chemical Thermodynamics	26
851	2003	(Vapour + liquid) equilibrium of (DIPE + IPA + water) at 101.32 kPa	Arce A., Arce Jr. A., Martinez-Ageitos J., Rodil E., Soto A.	Journal of Chemical Thermodynamics	26
852	2002	Liquid-liquid equilibria of limonene + linalool + diethylene glycol system at different temperatures	Arce A., Marchiaro A., Rodriguez O., Soto A.	Chemical Engineering Journal	26
853	2000	Development and application of a denitrification test based on gas production	Buys B.R., Mosquera-Corral A., Sanchez M., Mendez R.	Water Science and Technology	26
854	1998	Effect of the temperature on the conductivity of sodium bis(2-ethylhexyl)sulfosuccinate + 2,2,4-trimethylpentane + water microemulsions in the presence of ureas and thioureas	Alvarez E., Garcia-Rio L., Leis J.R., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	26
855	1996	Ethanol extraction of polyphenols in an immersion extractor. Effect of pulsing flow	Sineiro J., Dominguez H., Nunez M.J., Lema J.M.	JAOCS, Journal of the American Oil Chemists' Society	26
856	1996	Viscosity of binary and ternary aqueous systems of NaH ₂ PO ₄ , Na ₂ HPO ₄ , Na ₃ PO ₄ , KH ₂ PO ₄ , K ₂ HPO ₄ , and K ₃ PO ₄	Chenlo F., Moreira R., Pereira G., Vazquez M.J.	Journal of Chemical and Engineering Data	26
857	1996	The influence of substrate structure on the kinetics of the hydrolysis of starch by glucoamylase	Sanroman A., Murado M.A., Lema J.M.	Applied Biochemistry and Biotechnology - Part A Enzyme Engineering and Biotechnology	26
858	1989	Anaerobic treatment of cheese whey: Start-up and operation	Mendez R., Blazquez R., Lorenzo F., Lema J.M.	Water Science and Technology	26
859	2020	Current trends in proteomic advances for food allergen analysis	Lopez-Pedrouso M., Lorenzo J.M., Gagaoua M., Franco D.	Biology	25
860	2020	Evaluation of the antioxidant and antimicrobial activities of porcine liver protein hydrolysates obtained using Alcalase, Bromelain, and Papain	Borrajó P., Pateiro M., Gagaoua M., Franco D., Zhang W., Lorenzo J.M.	Applied Sciences (Switzerland)	25
861	2016	Environmental performance of sorghum, barley and oat silage production for livestock feed using life cycle assessment	Gonzalez-Garcia S., Baucells F., Feijoo G., Moreira M.T.	Resources, Conservation and Recycling	25
862	2016	The potential of the innovative SeMPAC process for enhancing the removal of recalcitrant organic micropollutants	Alvarino T., Komesli O., Suarez S., Lema J.M., Omil F.	Journal of Hazardous Materials	25
863	2016	Review of solid state fermentation for lignocellulolytic enzyme production: challenges for environmental applications	Mansour A.A., Arnaud T., Lu-Chau T.A., Fdz-Polanco M., Moreira M.T., Rivero J.A.C.	Reviews in Environmental Science and Biotechnology	25
864	2016	Fostering the action of versatile peroxidase as a highly efficient biocatalyst for the removal of endocrine disrupting compounds	Taboada-Puig R., Eibes G., Lloret L., Lu-Chau T.A., Feijoo G., Moreira M.T., Lema J.M.	New Biotechnology	25
865	2015	Physicochemical characterization of white, yellow and purple maize flours and rheological characterization of their doughs	Moreira R., Chenlo F., Arufe S., Rubinos S.N.	Journal of Food Science and Technology	25
866	2015	Measurement and PC-SAFT modelling of three-phase behaviour	Rodriguez-Palmeiro I., Rodriguez O., Soto A., Held C.	Physical Chemistry Chemical Physics	25
867	2014	The effect of livestock production system and concentrate level on carcass traits and meat quality of foals slaughtered at 18 months of age	Lorenzo J.M., Crecente S., Franco D., Sarries M.V., Gomez M.	Animal	25
868	2012	Eco-innovation of a wooden based modular social playground: Application of LCA and DfE methodologies	Gonzalez-Garcia S., Garcia Lozano R., Buyo P., Pascual R.C., Gabarrell X., Rieradevall I Pons J., Moreira M.T., Feijoo G.	Journal of Cleaner Production	25
869	2010	Quality improvement in determination of chemical oxygen demand in samples considered difficult to analyze, through participation in proficiency-testing schemes	Raposo F., Fernandez-Cegri V., De la Rubia M.A., Borja R., Beltran J., Cavinato C., Clinckspoor M., Demirer G., Diamadopoulos E., Frigon J.C., Koubova J., Launay M., Mendez R., Menin G., Noguero J., Uellehdahl H., West S.	TrAC - Trends in Analytical Chemistry	25
870	2010	Effect of high-pressure/temperature (HP/T) treatments of in-package food on additive migration from conventional and bio-sourced materials	Mauricio-Iglesias M., Jansana S., Peyron S., Gontard N., Guillard V.	Food Additives and Contaminants - Part A	25
871	2009	Identification of polymeric procyanidins from pine bark by mass spectrometry	Jerez M., Sineiro J., Guitian E., Nune M.J.	Rapid Communications in Mass Spectrometry	25

872	2009	Comparative environmental assessment of wood transport models. A case study of a Swedish pulp mill	Gonzalez-Garcia S., Berg S., Feijoo G., Moreira M.T.	Science of the Total Environment	25
873	2005	Curing process of phenol-urea-formaldehyde-tannin (PUFT) adhesives: Kinetic studies by DSC and DMA	Vazquez G., Lopez-Suevos F., Gonzalez-Alvarez J., Antorrena G.	Journal of Thermal Analysis and Calorimetry	25
874	2004	Facile reduction of arsenate in methanogenic sludge	Field J.A., Sierra-Alvarez R., Cortinas I., Feijoo G., Moreira M.T., Kopplin M., Gandolfi A.J.	Biodegradation	25
875	2003	The activity of ions: Analysis of the theory and data for aqueous solutions of MgBr ₂ , CaBr ₂ and BaBr ₂ at 298.2 K	Rodil E., Vera J.H.	Fluid Phase Equilibria	25
876	2001	A comparison of operational Lagrangian particle and adaptive puff models for plume dispersion forecasting	Souto M.J., Souto J.A., Perez-Munuzuri V., Casares J.J., Bermudez J.L.	Atmospheric Environment	25
877	1997	Activity coefficients of the electrolyte and the amino acid in water + NaNO ₃ + glycine and water + NaCl + DL-methionine systems at 298.15 K	Soto-Campos A.M., Khoshkbarchi M.K., Vera J.H.	Biophysical Chemistry	25
878	1997	Interaction of DL-threonine with NaCl and NaNO ₃ in aqueous solutions: e.m.f. measurements with ion-selective electrodes	Soto-Campos A.M., Khoshkbarchi M.K., Vera J.H.	Journal of Chemical Thermodynamics	25
879	2020	Towards a digital twin: a hybrid data-driven and mechanistic digital shadow to forecast the evolution of lignocellulosic fermentation	Lopez P.C., Udugama I.A., Thomsen S.T., Roslander C., Junicke H., Mauricio-Iglesias M., Gernaey K.V.	Biofuels, Bioproducts and Biorefining	24
880	2020	Optimization of an enriched mixed culture to increase PHA accumulation using industrial saline complex wastewater as a substrate	Argiz L., Fra-Vazquez A., del Rio A.V., Mosquera-Corral A.	Chemosphere	24
881	2020	Sludge volume index and suspended solids estimation of mature aerobic granular sludge by quantitative image analysis and chemometric tools	Leal C., Val del Rio A., Mesquita D.P., Amaral A.L., Castro P.M.L., Ferreira E.C.	Separation and Purification Technology	24
882	2020	Metabolic modeling for predicting VFA production from protein-rich substrates by mixed-culture fermentation	Regueira A., Lema J.M., Carballa M., Mauricio-Iglesias M.	Biotechnology and Bioengineering	24
883	2019	Performance of partial nitrification-anammox processes at mainstream conditions in an IFAS system	Pedrouso A., Trela J., Val del Rio A., Mosquera-Corral A., Plaza E.	Journal of Environmental Management	24
884	2019	Search for proteomic biomarkers related to bovine pre-slaughter stress using liquid isoelectric focusing (OFFGEL) and mass spectrometry	Fuente-Garcia C., Aldai N., Sentandreu E., Olivan M., Garcia-Torres S., Franco D., Zapata C., Sentandreu M.A.	Journal of Proteomics	24
885	2018	Comparative evaluation of lignocellulosic biorefinery scenarios under a life-cycle assessment approach	Bello S., Rios C., Feijoo G., Moreira M.T.	Biofuels, Bioproducts and Biorefining	24
886	2018	Advances in the biology of seed and vegetative storage proteins based on two-dimensional electrophoresis coupled to mass spectrometry	Mouzo D., Bernal J., Lopez-Pedrouso M., Franco D., Zapata C.	Molecules	24
887	2016	Liquid-liquid equilibria of mutually immiscible ionic liquids with a common anion of basic character	Castro M.C., Arce A., Soto A., Rodriguez H.	Journal of Chemical Thermodynamics	24
888	2016	Effects of caponization on growth performance, carcass and meat quality of Mos breed capons reared in free-range production system	Franco D., Pateiro M., Rois D., Vazquez J.A., Lorenzo J.M.	Annals of Animal Science	24
889	2016	Eutectic mixtures of pyrrolidinium-based ionic liquids	Stolarska O., Rodriguez H., Smiglak M.	Fluid Phase Equilibria	24
890	2015	Antioxidant activity of phenolic extracts from chestnut fruit and forest industries residues	Galinanes C., Freire M.S., Gonzalez-Alvarez J.	European Journal of Wood and Wood Products	24
891	2015	Evaluating the sustainability of Ecuadorian bananas: Carbon footprint, water usage and wealth distribution along the supply chain	Roibas L., Elbehri A., Hospido A.	Sustainable Production and Consumption	24
892	2013	Density, speed of sound, viscosity, surface tension, and excess volume of N-ethyl-2-pyrrolidone + ethanolamine (or diethanolamine or triethanolamine) from T = (293.15 to 323.15) K	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Villaverde O.L.	Journal of Chemical and Engineering Data	24
893	2012	Potential environmental effects of probiotics used in aquaculture	Iribarren D., Daga P., Moreira M.T., Feijoo G.	Aquaculture International	24
894	2012	Surfactant-assisted two phase partitioning bioreactors for laccase-catalyzed degradation of anthracene	Arca-Ramos A., Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Process Biochemistry	24
895	2012	New insights on ecological footprinting as environmental indicator for production processes	Herva M., Garcia-Dieguez C., Franco-Uria A., Roca E.	Ecological Indicators	24
896	2011	Environmental assessment of dehydrated alfalfa production in Spain	Gallego A., Hospido A., Moreira M.T., Feijoo G.	Resources, Conservation and Recycling	24
897	2010	Study of mass transfer and biocatalyst stability for the enzymatic degradation of anthracene in a two-phase partitioning bioreactor	Eibes G., McCann C., Pedezert A., Moreira M.T., Feijoo G., Lema J.M.	Biochemical Engineering Journal	24
898	2010	Assessing relationships among life-cycle environmental impacts with dimension reduction techniques	Gutierrez E., Lozano S., Moreira M.T., Feijoo G.	Journal of Environmental Management	24
899	2009	Effect of culture temperature on the heterologous expression of <i>Pleurotus eryngii</i> versatile peroxidase in <i>Aspergillus</i> hosts	Eibes G.M., Lu-Chau T.A., Ruiz-Duenas F.J., Feijoo G., Martinez M.J., Martinez A.T., Lema J.M.	Bioprocess and Biosystems Engineering	24
900	2007	Selection of variables using factorial discriminant analysis for the state identification of an anaerobic UASB-UAF hybrid pilot plant, fed with winery effluents	Castellano M., Ruiz-Filippi G., Gonzalez W., Roca E., Lema J.M.	Water Science and Technology	24
901	2005	Multiple analysis reprogrammable titration analyser for the kinetic characterization of nitrifying and autotrophic denitrifying biomass	Artiga P., Gonzalez F., Mosquera-Corral A., Campos J.L., Garrido J.M., Ficara E., Mendez R.	Biochemical Engineering Journal	24

902	2005	A membrane coupled to a sequencing batch reactor for water reuse and removal of coliform bacteria	Arrojo B., Mosquera-Corra A., Garrido J.M., Mendez R., Ficara E., Malpei F.	Desalination	24
903	2004	¹³ C-NMR analysis of phenol-urea-formaldehyde prepolymers and phenol-urea-formaldehyde-tannin adhesives	Vazquez G., Lopez-Suevos F., Villar-Garea A., Gonzalez-Alvarez J., Antorrena G.	Journal of Adhesion Science and Technology	24
904	2004	Liquid-liquid equilibria for butyl tert-butyl ether + (methanol or ethanol) + water at several temperatures	Arce A., Rodriguez O., Soto A.	Fluid Phase Equilibria	24
905	2003	Viscosities of ternary aqueous solutions with glucose and sodium chloride employed in osmotic dehydration operation	Moreira R., Chenlo F., Pereira G.	Journal of Food Engineering	24
906	1995	Production of lignin peroxidase by <i>Phanerochaete chrysosporium</i> in a packed bed bioreactor operated in semi-continuous mode	Feijoo G., Dosoretz C., Lema J.M.	Journal of Biotechnology	24
907	1994	Degradation of major compounds of creosotes (PAH and phenols) by <i>Phanerochaete chrysosporium</i>	Kennes C., Lema J.M.	Biotechnology Letters	24
908	1992	Characterization and comparison of biomass from mesophilic and thermophilic fixed bed anaerobic digesters	Soto M., Mendez R., Lema J.M.	Water Science and Technology	24
909	1991	Mass transfer control of enzymatic hydrolysis of polysaccharides by glucoamylase	Miranda M., Murado M.A., Sanroman A., Lema J.M.	Enzyme and Microbial Technology	24
910	2021	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies	Franca W.T., Barros M.V., Salvador R., de Francisco A.C., Moreira M.T., Piekarski C.M.	International Journal of Life Cycle Assessment	23
911	2019	Improved Reactivity of Cellulose via Its Crystallinity Reduction by Nondissolving Pretreatment with an Ionic Liquid	Pena C.A., Soto A., King A.W.T., Rodriguez H.	ACS Sustainable Chemistry and Engineering	23
912	2019	Polyphenols: Bioaccessibility and bioavailability of bioactive components	Lorenzo J.M., Estevez M., Barba F.J., Thirumdas R., Franco D., Munekata P.E.S.	Innovative Thermal and Non-Thermal Processing, Bioaccessibility and Bioavailability of Nutrients and Bioactive Compounds	23
913	2019	Environmental sustainability assessment of HMF and FDCA production from lignocellulosic biomass through life cycle assessment (LCA)	Bello S., Salim I., Mendez-Trelles P., Rodil E., Feijoo G., Moreira M.T.	Holzforschung	23
914	2017	Granular biomass floatation: A simple kinetic/stoichiometric explanation	Campos J.L., Val del Rio A., Pedrouso A., Raux P., Giustinianovich E.A., Mosquera-Corral A.	Chemical Engineering Journal	23
915	2016	Bacterial community dynamics in long-term operation of a pilot plant using aerobic granular sludge to treat pig slurry	Fra-Vazquez A., Morales N., Figueroa M., Val del Rio A., Regueiro L., Campos J.L., Mosquera-Corral A.	Biotechnology Progress	23
916	2016	Development, identification and validation of a mathematical model of anaerobic digestion of sewage sludge focusing on H ₂ S formation and transfer	Carrera-Chapela F., Donoso-Bravo A., Jeison D., Diaz I., Gonzalez J.A., Ruiz-Filippi G.	Biochemical Engineering Journal	23
917	2016	Drying temperature effect on powder physical properties and aqueous extract characteristics of <i>Fucus vesiculosus</i>	Moreira R., Chenlo F., Sineiro J., Arufe S., Sexto S.	Journal of Applied Phycology	23
918	2015	Influence of Methanol on the Dissolution of Lignocellulose Biopolymers with the Ionic Liquid 1-Ethyl-3-methylimidazolium Acetate	Castro M.C., Arce A., Soto A., Rodriguez H.	Industrial and Engineering Chemistry Research	23
919	2015	Phase behavior of the surfactant ionic liquid trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate with water and dodecane	Rodriguez-Escontrela I., Rodriguez-Palmeiro I., Rodriguez O., Arce A., Soto A.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	23
920	2015	Oxidation stability of pig liver Pâté with increasing levels of natural antioxidants (grape and tea)	Pateiro M., Lorenzo J.M., Vazquez J.A., Franco D.	Antioxidants	23
921	2015	Towards ratiometric sensing of amyloid fibrils in vitro	Freire S., Rodriguez-prieto F., Rodriguez M.C.R., Penedo J.C., Al-Soufi W., Novo M.	Chemistry - A European Journal	23
922	2014	2-(Methylamino)ethanol for CO ₂ absorption in a bubble reactor	Folgueira I., Teijido I., Garcia-Abuin A., Gomez-Diaz D., Rumbo A.	Energy and Fuels	23
923	2013	Meat quality and nutritional composition of pheasants (<i>Phasianus colchicus</i>) reared in an extensive system	Franco D., Lorenzo J.M.	British Poultry Science	23
924	2013	Irrigation mix: How to include water sources when assessing freshwater consumption impacts associated to crops	Hospido A., Nunez M., Anton A.	International Journal of Life Cycle Assessment	23
925	2013	Life-cycle assessment of typical Portuguese cork oak woodlands	Gonzalez-Garcia S., Dias A.C., Arroja L.	Science of the Total Environment	23
926	2012	Combined application of energy and material flow analysis and ecological footprint for the environmental evaluation of a tailoring factory	Herva M., Alvarez A., Roca E.	Journal of Hazardous Materials	23
927	2012	Effect of Mg, Si, and Sr on growth and antioxidant activity of the marine microalga <i>Tetraselmis suecica</i>	Ulloa G., Otero A., Sanchez M., Sineiro J., Nunez M.J., Fabregas J.	Journal of Applied Phycology	23
928	2012	Management strategy for hazardous waste from atomised SME: Application to the printing industry	Andrade L.C., Miguez C.G., Gomez M.C.T., Bugallo P.M.B.	Journal of Cleaner Production	23
929	2011	Influence of salt content and processing time on sensory characteristics of cooked "lacón"	Purrinos L., Bermudez R., Temperan S., Franco D., Carballo J., Lorenzo J.M.	Meat Science	23
930	2010	Biodegradability of kraft mill TCF biobleaching effluents: Application of enzymatic laccase-mediator system	Monje P.G., Gonzalez-Garcia S., Moldes D., Vidal T., Romero J., Moreira M.T., Feijoo G.	Water Research	23

931	2009	Granular biomass capable of partial nitrification and anammox (Water Science and Technology 58(5) 1113-1120)	Vlaeminck S.E., Cloetens L.F.F., De Clippeleir H., Carballa M., Verstraete W.	Water Science and Technology	23
932	2009	Activated sludge versus aerated lagoon treatment of kraft mill effluents containing β -sitosterol and stigmaterol	Xavier C.R., Mosquera-Corral A., Becerra J., Hernandez V., Vidal G.	Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering	23
933	2008	Interfacial area evaluation in a bubble column in the presence of a surface-active substance. Comparison of methods	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Chemical Engineering Journal	23
934	2005	Environmental analysis of beer production	Hospido A., Moreira M.T., Feijoo G.	International Journal of Agricultural Resources, Governance and Ecology	23
935	2000	Characterization of Pinus pinaster bark and its alkaline extracts by diffuse reflectance Fourier transform infrared (DRIFT) spectroscopy	Vazquez G., Freire S., Gonzalez J., Antorrena G.	Holz als Roh - und Werkstoff	23
936	2021	Evaluation and optimization of the environmental performance of PHA downstream processing	Saavedra del Oso M., Mauricio-Iglesias M., Hospido A.	Chemical Engineering Journal	22
937	2021	The organic loading rate affects organic micropollutants' cometabolic biotransformation kinetics under heterotrophic conditions in activated sludge	Kennes-Veiga D.M., Gonzalez-Gil L., Carballa M., Lema J.M.	Water Research	22
938	2020	Environmental assessment of viticulture waste valorisation through composting as a biofertilisation strategy for cereal and fruit crops	Cortes A., Oliveira L.F.S., Ferrari V., Taffarel S.R., Feijoo G., Moreira M.T.	Environmental Pollution	22
939	2020	Sensory and physicochemical analysis of meat from bovine breeds in different livestock production systems, pre-slaughter handling conditions, and ageing time	Lopez-Pedrouso M., Rodriguez-Vazquez R., Purrinos L., Olivan M., Garcia-Torres S., Sentandreu M.A., Lorenzo J.M., Zapata C., Franco D.	Foods	22
940	2018	Environmental assessment of alternative treatment schemes for energy and nutrient recovery from livestock manure	Pedizzi C., Noya I., Sarli J., Gonzalez-Garcia S., Lema J.M., Moreira M.T., Carballa M.	Waste Management	22
941	2018	Assessing water footprint in a wine appellation: A case study for Ribeiro in Galicia, Spain	Villanueva-Rey P., Quinteiro P., Vazquez-Rowe I., Rafael S., Arroja L., Moreira M.T., Feijoo G., Dias A.C.	Journal of Cleaner Production	22
942	2017	Rice fertilised with urban sewage sludge and possible mitigation strategies: an environmental assessment	Fusi A., Gonzalez-Garcia S., Moreira M.T., Fiala M., Bacenetti J.	Journal of Cleaner Production	22
943	2014	Substrate versatility of polyhydroxyalkanoate producing glycerol grown bacterial enrichment culture	Moralejo-Garate H., Kleerebezem R., Mosquera-Corral A., Campos J.L., Palmeiro-Sanchez T., van Loosdrecht M.C.M.	Water Research	22
944	2014	Edible protein energy return on investment ratio (ep-EROI) for Spanish seafood products	Vazquez-Rowe I., Villanueva-Rey P., Moreira M.T., Feijoo G.	Ambio	22
945	2014	Surface tension of binary mixtures of 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquids with alcohols	Andreatta A.E., Rodil E., Arce A., Soto A.	Journal of Solution Chemistry	22
946	2013	Dye exchange in micellar solutions. Quantitative analysis of bulk and single molecule fluorescence titrations	Pineiro L., Freire S., Bordello J., Novo M., Al-Soufi W.	Soft Matter	22
947	2013	Effect of gender (barrows vs. females) on carcass traits and meat quality of Celta pig reared outdoors	Franco D., Lorenzo J.M.	Journal of the Science of Food and Agriculture	22
948	2013	Density, speed of sound, viscosity, refractive index and surface tension of N-methyl-2-pyrrolidone + diethanolamine (or triethanolamine) from T = (293.15 to 323.15) K	Lopez A.B., Garcia-Abuin A., Gomez-Diaz D., La Rubia M.D., Navaza J.M.	Journal of Chemical Thermodynamics	22
949	2012	Material flow analysis in a cooked mussel processing industry	Bello Bugallo P.Ma., Stupak A., Cristobal Andrade L., Torres Lopez R.	Journal of Food Engineering	22
950	2012	Extraction of antioxidants from forestry biomass: Kinetics and optimization of extraction conditions	Piwowska N., Gonzalez-Alvarez J.	Biomass and Bioenergy	22
951	2012	DSC and DMA study of chestnut shell tannins for their application as wood adhesives without formaldehyde emission	Vazquez G., Santos J., Freire M.S., Antorrena G., Gonzalez-Alvarez J.	Journal of Thermal Analysis and Calorimetry	22
952	2010	A comparative study of tertiary membrane filtration of industrial wastewater treated in a granular and a flocculent sludge SBR	Sanchez Sanchez A., Garrido J.M., Mendez R.	Desalination	22
953	2010	Isomer effect in the separation of octane and xylenes using the ionic liquid 1-ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	Arce A., Earle M.J., Rodriguez H., Seddon K.R., Soto A.	Fluid Phase Equilibria	22
954	2008	Continuous removal of carbon dioxide by absorption employing a bubble column	Alvarez E., Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Chemical Engineering Journal	22
955	2008	Integrated pollution prevention and control in the surface treatment industries in Galicia (NW Spain)	Barros M.C., Torres M.T., Bello P.M., Roca E., Casares J.J.	Clean Technologies and Environmental Policy	22
956	1999	Effects of temperature on the conductivity of AOT/isooctane/water microemulsions. Influence of salts	Alvarez E., Garcia-Rio L., Mejuto J.C., Navaza J.M., Perez-Juste J.	Journal of Chemical and Engineering Data	22

957	1996	Density and viscosity of aqueous solutions of sodium dithionite, sodium hydroxide, sodium dithionite + sucrose, and sodium dithionite + sodium hydroxide + sucrose from 25 °C to 40 °C	Vazquez G., Alvarez E., Varela R., Cancela A., Navaza J.M.	Journal of Chemical and Engineering Data	22
958	1987	Liquid-liquid equilibria of the system water + acetic acid + methyl ethyl ketone at several temperatures	Correa J.M., Arce A., Blanco A., Correa A.	Fluid Phase Equilibria	22
959	2021	Recent developments in bio-based adhesives from renewable natural resources	Arias A., Gonzalez-Rodriguez S., Vetroni Barros M., Salvador R., de Francisco A.C., Moro Piekarski C., Moreira M.T.	Journal of Cleaner Production	21
960	2020	A metabolic model for targeted volatile fatty acids production by cofermentation of carbohydrates and proteins	Regueira A., Bevilacqua R., Lema J.M., Carballa M., Mauricio-Iglesias M.	Bioresource Technology	21
961	2019	Reversibility of enzymatic reactions might limit biotransformation of organic micropollutants	Gonzalez-Gil L., Carballa M., Corvini P.F.-X., Lema J.M.	Science of the Total Environment	21
962	2019	Opportunities to improve energy use in urban wastewater treatment: A European-scale analysis	Ganora D., Hospido A., Husemann J., Krampe J., Loderer C., Longo S., Moragas Bouyat L., Obermaier N., Piraccini E., Stanev S., Vaci L., Pistocchi A.	Environmental Research Letters	21
963	2017	Determination of the carbon footprint of all Galician production and consumption activities: Lessons learnt and guidelines for policymakers	Roibas L., Loiseau E., Hospido A.	Journal of Environmental Management	21
964	2017	Photocatalytic degradation of methyl orange, methylene blue and rhodamine B with AgCl nanocatalyst synthesised from its bulk material in the ionic liquid [P6 6 6 14]Cl	Rodriguez-Cabo B., Rodriguez-Palmeiro I., Corchero R., Rodil R., Rodil E., Arce A., Soto A.	Water Science and Technology	21
965	2016	Ranking wastewater treatment trains based on their impacts and benefits on human health: A "biological Assay and Disease" approach	Papa M., Alfonsin C., Moreira M.T., Bertanza G.	Journal of Cleaner Production	21
966	2015	Optimisation of processing routes for a marine biorefinery	Antelo L.T., De Hijas-Liste G.M., Franco-Uria A., Alonso A.A., Perez-Martin R.I.	Journal of Cleaner Production	21
967	2015	Cross-vessel eco-efficiency analysis. A case study for purse seining fishing from North Portugal targeting European pilchard	Gonzalez-Garcia S., Villanueva-Rey P., Belo S., Vazquez-Rowe I., Moreira M.T., Feijoo G., Arroja L.	International Journal of Life Cycle Assessment	21
968	2014	Carbon dioxide absorption in triethanolamine aqueous solutions: Hydrodynamics and mass transfer	Lopez A.B., La Rubia M.D., Navaza J.M., Pacheco R., Gomez-Diaz D.	Chemical Engineering and Technology	21
969	2014	Environmental evaluation of eicosapentaenoic acid production by Phaeodactylum tricornutum	Perez-Lopez P., Gonzalez-Garcia S., Allewaert C., Verween A., Murray P., Feijoo G., Moreira M.T.	Science of the Total Environment	21
970	2012	Surface tension and refractive index of guar and tragacanth gums aqueous dispersions at different polymer concentrations, polymer ratios and temperatures	Moreira R., Chenlo F., Silva C., Torres M.D., Diaz-Varela D., Hilliou L., Argence H.	Food Hydrocolloids	21
971	2011	Addition of ammonia and/or oxygen to an ionic liquid for delignification of miscanthus	Rodriguez H., Padmanabhan S., Poon G., Prausnitz J.M.	Bioresource Technology	21
972	2010	Effect of weaning status on animal performance and meat quality of Rubia Gallega calves	Bispo E., Monserrat L., Gonzalez L., Franco D., Moreno T.	Meat Science	21
973	2009	Phase behaviour of trihexyl(tetradecyl)phosphonium chloride, nonane and water	Anderson K., Rodriguez H., Seddon K.R.	Green Chemistry	21
974	2009	Identification of NOx and ozone episodes and estimation of ozone by statistical analysis	Castellano M., Franco A., Cartelle D., Febrero M., Roca E.	Water, Air, and Soil Pollution	21
975	2009	Granular biomass capable of partial nitrification and anammox.	Vlaeminck S.E., Cloetens L.F., Carballa M., Boon N., Verstraete W.	Water science and technology : a journal of the International Association on Water Pollution Research	21
976	2009	Rheological modelling of binary and ternary systems of tragacanth, guar gum and methylcellulose in dilute range of concentration at different temperatures	Chenlo F., Moreira R., Pereira G., Silva C.	LWT	21
977	2005	Water sorption isotherms of fresh and partially osmotic dehydrated pumpkin parenchyma and seeds at several temperatures	Mayor L., Moreira R., Chenlo F., Sereno A.M.	European Food Research and Technology	21
978	2003	Carbon and nitrogen removal from tannery wastewater with a membrane bioreactor	Goltara A., Martinez J., Mendez R.	Water Science and Technology	21
979	2003	[Agroindustrial residues as a source of antioxidants, Residuos agroindustriales como fuente de antioxidantes]	Rubilar M., Pinelo M., Franco D., Sineiro J., Nunez M.J.	Afinidad	21
980	2002	Rheology of tannin-added phenol formaldehyde adhesives for plywood	Vazquez G., Gonzalez-Alvarez J., Lopez-Suevos F., Antorrena G.	Holz als Roh - und Werkstoff	21
981	2000	Manganese peroxidase production by Bjerkandera sp. BOS55: 1. Regulation of enzymatic production	Moreira M.T., Feijoo G., Lema J.M.	Bioprocess Engineering	21
982	2000	Density, refractive index, and speed of sound for 2-ethoxy-2-methylbutane + ethanol + water at 298.15 K	Arce A., Arce Jr. A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	21
983	2000	Kinetic study of addition of volatile organic compounds to a nitrifying sludge	Gomez J., Mendez R., Lema J.M.	Applied Biochemistry and Biotechnology - Part A Enzyme Engineering and Biotechnology	21
984	1998	Nitrification of waste waters from fish-meal factories	Garrido J.M., Guerrero L., Mendez R., Lema J.M.	Water SA	21

985	1993	Determination of kinetic parameters of fermentation processes by a continuous unsteady-state method: Application to the alcoholic fermentation of D-xylose by <i>Pichia stipitis</i>	Dominguez H., Nunez M.N., Chamy R., Lema J.M.	Biotechnology and Bioengineering	21
986	2020	Protein composition determines the preferential consumption of amino acids during anaerobic mixed-culture fermentation	Bevilacqua R., Regueira A., Mauricio-Iglesias M., Lema J.M., Carballa M.	Water Research	20
987	2020	Model-based design of smart active packaging systems with antimicrobial activity	Vilas C., Mauricio-Iglesias M., Garcia M.R.	Food Packaging and Shelf Life	20
988	2020	Proximate composition, amino acid profile, and oxidative stability of slow-growing indigenous chickens compared with commercial broiler chickens	Zotte A.D., Gleeson E., Franco D., Cullere M., Lorenzo J.M.	Foods	20
989	2019	PHA accumulation of a mixed microbial culture co-exists with ammonia partial nitrification	Fra-Vazquez A., Santorio S., Palmeiro-Sanchez T., Val del Rio A., Mosquera-Corral A.	Chemical Engineering Journal	20
990	2018	Comparative environmental assessment of alternative waste management strategies in developing regions: A case study in Kazakhstan	Noya I., Inglezakis V., Gonzalez-Garcia S., Katsou E., Feijoo G., Moreira M.T.	Waste Management and Research	20
991	2018	Rheological Effect of Gelatinisation Using Different Temperature-Time Conditions on Potato Starch Dispersions: Mechanical Characterisation of the Obtained Gels	Torres M.D., Chenlo F., Moreira R.	Food and Bioprocess Technology	20
992	2016	Identifying the limitations of conventional biofiltration of diffuse methane emissions at long-term operation	Gomez-Cuervo S., Hernandez J., Omil F.	Environmental Technology (United Kingdom)	20
993	2015	Life cycle assessment of gasoline production and use in Chile	Morales M., Gonzalez-Garcia S., Aroca G., Moreira M.T.	Science of the Total Environment	20
994	2015	Properties modification by eutectic formation in mixtures of ionic liquids	Stolarska O., Soto A., Rodriguez H., Smiglak M.	RSC Advances	20
995	2014	New processes for amine regeneration	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Fuel	20
996	2014	Divergences on the environmental impact associated to the production of maritime pine wood in Europe: French and Portuguese case studies	Gonzalez-Garcia S., Dias A.C., Feijoo G., Moreira M.T., Arroja L.	Science of the Total Environment	20
997	2013	A novel control strategy for enhancing biological N-removal in a granular sequencing batch reactor: A model-based study	Isanta E., Figueroa M., Mosquera-Corral A., Campos L., Carrera J., Perez J.	Chemical Engineering Journal	20
998	2013	The influence of forest management systems on the environmental impacts for Douglas-fir production in France	Gonzalez-Garcia S., Bonnesoeur V., Pizzi A., Feijoo G., Moreira M.T.	Science of the Total Environment	20
999	2013	Bioencapsulated probiotics increased survival, growth and improved gut flora of turbot (<i>Psetta maxima</i>) larvae	Daga P., Feijoo G., Moreira M.T., Costas D., Villanueva A.G., Lema J.M.	Aquaculture International	20
1000	2012	Environmental assessment and improvement alternatives of a ventilated wooden wall from LCA and DfE perspective	Gonzalez-Garcia S., Lozano R.G., Estevez J.C., Pascual R.C., Moreira M.T., Gabarrell X., Pons J.R., Feijoo G.	International Journal of Life Cycle Assessment	20
1001	2012	Evaluation of natural zeolite as microorganism support medium in nitrifying batch reactors: Influence of zeolite particle size	Mery C., Guerrero L., Alonso-Gutierrez J., Figueroa M., Lema J.M., Montalvo S., Borja R.	Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering	20
1002	2010	Greenhouse gases emissions and energy use of wheat grain-based bioethanol fuel blends	Scacchi C.C.O., Gonzalez-Garcia S., Caserini S., Rigamonti L.	Science of the Total Environment	20
1003	2008	Characterization of anaerobic granular sludge developed in UASB reactors that treat ethanol, carbohydrates and hydrolyzed protein based wastewaters	Molina F., Garcia C., Roca E., Lema J.M.	Water Science and Technology	20
1004	2004	Phase stability of the system limonene + linalool + 2-aminoethanol	Arce A., Marchiaro A., Soto A.	Fluid Phase Equilibria	20
1005	2003	Semipilot-scale bleaching of kraft pulp with manganese peroxide	Moreira M.T., Feijoo G., Canaval J., Lema J.M.	Wood Science and Technology	20
1006	1999	Determination and correlation of liquid-liquid equilibrium data for the quaternary system 1-octanol + 2-methoxy-2-methylbutane 4- Water + methanol at 25°C	Arce A., Blanco M., Soto A.	Fluid Phase Equilibria	20
1007	1998	Ethanol extraction of sunflower oil in a pulsing extractor	Sineiro J., Dominguez H., Nunez M.J., Lema J.M.	JAOCs, Journal of the American Oil Chemists' Society	20
1008	1998	Oxalic acid production by <i>Aspergillus niger</i> . Part II: Optimisation of fermentation with milk whey as carbon source	Bohlmann J.T., Cameselle C., Nunez M.J., Lema J.M.	Bioprocess Engineering	20
1009	1997	Leaching of kaolin iron-oxides with organic acids	Cameselle C., Nunez Ma.J., Lema J.M.	Journal of Chemical Technology and Biotechnology	20
1010	1997	Nitrous oxide production by nitrifying biofilms in a biofilm airlift suspension reactor	Garrido J.M., Campos J.L., Mendez R., Lema J.M.	Water Science and Technology	20
1011	1997	Manganese is not required for biobleaching of oxygen-delignified kraft pulp by the white rot fungus <i>Bjerkandera</i> sp. Strain BOS55	Moreira M.T., Feijoo G., Sierra-Alvarez R., Lema J., Field J.A.	Applied and Environmental Microbiology	20
1012	2021	Dark-cutting beef: A brief review and an integromics meta-analysis at the proteome level to decipher the underlying pathways	Gagaoua M., Warner R.D., Purslow P., Ramanathan R., Mullen A.M., Lopez-Pedrouso M., Franco D., Lorenzo J.M., Tomasevic I., Picard B., Troy D., Terlouw E.M.C.	Meat Science	19

1013	2021	Good reporting practice for thermophysical and thermochemical property measurements (IUPAC Technical Report)	Bazyleva A., Abildskov J., Anderko A., Baudouin O., Chernyak Y., de Hemptinne J.-C., Diky V., Dohrn R., Elliott J.R., Jacquemin J., Jaubert J.-N., Joback K.G., Kattner U.R., Kontogeorgis G.M., Loria H., Mathias P.M., O'Connell J.P., Schroer W., Smith G.J., Soto A., Wang S., Weir R.D.	Pure and Applied Chemistry	19
1014	2020	Aquaculture and by-products: Challenges and opportunities in the use of alternative protein sources and bioactive compounds	Lopez-Pedrouso M., Lorenzo J.M., Cantalapiedra J., Zapata C., Franco J.M., Franco D.	Advances in Food and Nutrition Research	19
1015	2019	A proteomic-based approach for the search of biomarkers in Iberian wild deer (<i>Cervus elaphus</i>) as indicators of meat quality	Lopez-Pedrouso M., Franco D., Serrano M.P., Maggiolino A., Landete-Castillejos T., De Palo P., Lorenzo J.M.	Journal of Proteomics	19
1016	2019	Integrated evaluation of wine lees valorization to produce value-added products	Cortes A., Moreira M.T., Feijoo G.	Waste Management	19
1017	2019	Energetic and economic assessment of sludge thermal hydrolysis in novel wastewater treatment plant configurations	Taboada-Santos A., Lema J.M., Carballa M.	Waste Management	19
1018	2018	Environmental and sustainability evaluation of livestock waste management practices in Cyprus	Lijo L., Frison N., Fatone F., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Science of the Total Environment	19
1019	2018	Fresh milk supply through vending machines: Consumption patterns and associated environmental impacts	Pereira A., Villanueva-Rey P., Vence X., Moreira M.T., Feijoo G.	Sustainable Production and Consumption	19
1020	2018	Structural features and water sorption isotherms of carrageenans: A prediction model for hybrid carrageenans	Torres M.D., Chenlo F., Moreira R.	Carbohydrate Polymers	19
1021	2017	The ManureEcoMine pilot installation: Advanced integration of technologies for the management of organics and nutrients in livestock waste	Pintucci C., Carballa M., Varga S., Sarli J., Peng L., Bousek J., Pedizzi C., Ruscalleda M., Tarrago E., Prat D., Colica G., Picavet M., Colsen J., Benito O., Balaguer M., Puig S., Lema J.M., Colprim J., Fuchs W., Vlaeminck S.E.	Water Science and Technology	19
1022	2017	Cradle-to-gate life cycle assessment of forest supply chains: Comparison of Canadian and Swedish case studies	de la Fuente T., Athanassiadis D., Gonzalez-Garcia S., Nordfjell T.	Journal of Cleaner Production	19
1023	2016	Forest operations in coppice: Environmental assessment of two different logging methods	Laschi A., Marchi E., Gonzalez-Garcia S.	Science of the Total Environment	19
1024	2016	Environmental sustainability of bark valorisation into biofoam and syngas	Gonzalez-Garcia S., Lacoste C., Aicher T., Feijoo G., Lijo L., Moreira M.T.	Journal of Cleaner Production	19
1025	2016	Systematic design of an optimal control system for the SHARON-Anammox process	Valverde-Perez B., Mauricio-Iglesias M., Sin G.	Journal of Process Control	19
1026	2015	Control strategy for maximum anaerobic co-digestion performance	Garcia-Gen S., Rodriguez J., Lema J.M.	Water Research	19
1027	2015	Physicochemical properties of aqueous sodium chloride solutions	Carvalho G.R., Chenlo F., Moreira R., Telis-Romero J.	Journal of Food Process Engineering	19
1028	2015	Application of aqueous two phase systems based on polyethylene glycol and sodium citrate for the recovery of phenolic compounds from eucalyptus wood	Xavier L., Freire M.S., Vidal-Tato I., Gonzalez-Alvarez J.	Maderas: Ciencia y Tecnologia	19
1029	2014	Modeling the leachate flow and aggregated emissions from municipal waste landfills under life cycle thinking in the Oceanic region of the Iberian Peninsula	Camba A., Gonzalez-Garcia S., Bala A., Fullana-I-Palmer P., Moreira M.T., Feijoo G.	Journal of Cleaner Production	19
1030	2014	Fine particle size chestnut flour doughs rheology: Influence of additives	Moreira R., Chenlo F., Torres M.D., Rama B.	Journal of Food Engineering	19
1031	2013	Comparison of the anaerobic digestion of activated and aerobic granular sludges under brackish conditions	Palmeiro-Sanchez T., Val del Rio A., Mosquera-Corral A., Campos J.L., Mendez R.	Chemical Engineering Journal	19
1032	2012	Successful hydraulic strategies to start up OLAND sequencing batch reactors at lab scale	Schaubroeck T., Bagchi S., De Clippeleir H., Carballa M., Verstraete W., Vlaeminck S.E.	Microbial Biotechnology	19
1033	2011	Steady-shear flow of semidilute guar gum solutions with sucrose, glucose and sodium chloride at different temperatures	Chenlo F., Moreira R., Silva C.	Journal of Food Engineering	19
1034	2011	Effect of tween 80 on bubble size and mass transfer in a bubble contactor	Belo I., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Jose M., Vidal-Tato I.	Chemical Engineering and Technology	19
1035	2010	Reductive dechlorination of α -, β -, γ -, and δ -hexachlorocyclohexane isomers with hydroxocobalamin, in soil slurry systems	Rodriguez-Garrido B., Lu-Chau T.A., Feijoo G., Maclas F., Monterroso M.C.	Environmental Science and Technology	19
1036	2010	CO ₂ capture by aqueous solutions of glucosamine in a bubble column reactor	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Vidal-Tato I.	Chemical Engineering Journal	19
1037	2010	Dynamic multi-compartmental modelling of metal bioaccumulation in fish: Identifiability implications	Otero-Muras I., Franco-Uria A., Alonso A.A., Balsa-Canto E.	Environmental Modelling and Software	19
1038	2010	Isobaric vapor-liquid equilibria at 101.32 kPa and densities, speeds of sound, and refractive indices at 298.15 K for MTBE or DIPE or TAME + 1-propanol binary systems	Gomez-Marigliano A.C., Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	19
1039	2010	Influence of temperature and composition upon density, viscosity, speed of sound, and refractive index of aqueous solutions of 1-ethyl-2-pyrrolidinone	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Vidal-Tato I.	Journal of Chemical and Engineering Data	19
1040	2009	An interlaboratory study as useful tool for proficiency testing of chemical oxygen demand measurements using solid substrates and liquid samples with high suspended solid content	Raposo F., de la Rubia M.A., Borja R., Alaiz M., Beltran J., Cavinato C., Clinckspoor M., Demirer G., Diamadopoulos E., Helmreich B., Jenicek P., Marti N., Mendez R., Noguero J., Pereira F., Picard S., Torrijos M.	Talanta	19

1041	2009	Antioxidant power, bacteriostatic activity, and characterization of white grape pomace extracts by HPLC-ESI-MS	Sanchez M., Franco D., Sineiro J., Magarinos B., Nunez M.J.	European Food Research and Technology	19
1042	2009	Biotransformation of aromatic compounds from wastewaters containing N and/or S, by nitrification/denitrification: A review	Beristain-Cardoso R., Texier A.-C., Razo-Flores E., Mendez-Pampin R., Gomez J.	Reviews in Environmental Science and Biotechnology	19
1043	2008	Modeling the potential influence of particle deposition on the accumulation of organic contaminants by submerged aquatic vegetation	Armitage J.M., Franco A., Gomez S., Cousins I.T.	Environmental Science and Technology	19
1044	2007	Dynamic modeling of an enzymatic membrane reactor for the treatment of xenobiotic compounds	Lopez C., Moreira M.T., Feijoo G., Lema J.M.	Biotechnology and Bioengineering	19
1045	2007	Strategies for the design and operation of enzymatic reactors for the degradation of highly and poorly soluble recalcitrant compounds	Eibes G., Lopez C., Moreira M.T., Feijoo G., Lema J.M.	Biocatalysis and Biotransformation	19
1046	2006	Speed of sound and isentropic compressibility of aqueous solutions of pyrrolidine and piperidine	Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	19
1047	2004	Electrochemical treatment of a polluted sludge: Different methods and conditions for manganese removal	Ricart M.T., Hansen H.K., Cameselle C., Lema J.M.	Separation Science and Technology	19
1048	2004	Surface behavior of aqueous solutions of pyrrolidine and piperidine	Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	19
1049	2004	Fed-batch decolorization of poly R-478 by <i>Trametes versicolor</i>	Moreira M.T., Viacava C., Vidal G.	Brazilian Archives of Biology and Technology	19
1050	2003	Combined system for biological removal of nitrogen and carbon from a fish cannery wastewater	Mosquera-Corral A., Campos J.L., Sanchez M., Mendez R., Lema J.M.	Journal of Environmental Engineering	19
1051	2000	Simple methods for the determination of the denitrifying activity of sludges	Sanchez M., Mosquera-Corral A., Mendez R., Lema J.M.	Bioresource Technology	19
1052	2000	Model based in neural networks for the prediction of the mass transfer coefficients in bubble columns. Study in Newtonian and Non-Newtonian fluids	Alvarez E., Correa J.M., Riverol C., Navaza J.M.	International Communications in Heat and Mass Transfer	19
1053	1999	Liquid-liquid equilibria of the systems ethyl acetate + ethanol + water, butyl acetate + ethanol + water, and ethyl acetate + butyl acetate + water	Arce A., Alonso L., Vidal I.	Journal of Chemical Engineering of Japan	19
1054	1998	Forecasting and diagnostic analysis of plume transport around a power plant	Souto J.A., Perez-Munuzuri V., Decastro M., Souto M.J., Casares J.J., Lucas T.	Journal of Applied Meteorology	19
1055	1998	Effect of temperature on the conductivity of sodium bis(2-ethylhexyl) sulfosuccinate + 2,2,4-trimethylpentane + water microemulsions. Influence of amines	Alvarez E., Garcia-Rio L., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	19
1056	1995	Isobaric Vapor-Liquid Equilibria of Methanol + Hexyl Acetate and Ethanol + Hexyl Acetate	Arce A., Blanco A., Martinez-Ageitos J., Soto A.	Journal of Chemical and Engineering Data	19
1057	1993	Excess volumes and refractions and liquid-liquid equilibria of the ternary system water + ethanol + hexyl acetate	Arce A., Blanco A., Soto A., Souza P., Vidal I.	Fluid Phase Equilibria	19
1058	2020	Assessing the sustainability dimension at local scale: Case study of Spanish cities	Rama M., Gonzalez-Garcia S., Andrade E., Moreira M.T., Feijoo G.	Ecological Indicators	18
1059	2020	Environmental analysis of servicing centralised and decentralised wastewater treatment for population living in neighbourhoods	Arias A., Rama M., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Journal of Water Process Engineering	18
1060	2020	Improving the quality characteristics and shelf life of meat and growth performance in goose fed diets supplemented with vitamin e	Nemati Z., Alirezalu K., Besharati M., Amirdahri S., Franco D., Lorenzo J.M.	Foods	18
1061	2019	Potential of endogenous PHA as electron donor for denitrification	Santorio S., Fra-Vazquez A., Val del Rio A., Mosquera-Corral A.	Science of the Total Environment	18
1062	2019	Benchmarking real-time monitoring strategies for ethanol production from lignocellulosic biomass	Cabaneros Lopez P., Feldman H., Mauricio-Iglesias M., Junicke H., Huusom J.K., Gernaey K.V.	Biomass and Bioenergy	18
1063	2017	Aqueous extracts of <i>Ascophyllum nodosum</i> obtained by ultrasound-assisted extraction: effects of drying temperature of seaweed on the properties of extracts	Moreira R., Sineiro J., Chenlo F., Arufe S., Diaz-Varela D.	Journal of Applied Phycology	18
1064	2017	Thermal reversibility of kappa/iota-hybrid carrageenan gels extracted from <i>Mastocarpus stellatus</i> at different ionic strengths	Torres M.D., Chenlo F., Moreira R.	Journal of the Taiwan Institute of Chemical Engineers	18
1065	2017	Enhancing thermophilic co-digestion of nitrogen-rich substrates by air side-stream stripping	Pedizzi C., Lema J.M., Carballa M.	Bioresource Technology	18
1066	2016	Effect of genotype and slaughter age on carcass traits and meat quality of the Celta pig breed in extensive system	Franco D., Carballo J., Bermudez R., Lorenzo J.M.	Annals of Animal Science	18
1067	2015	EPS and SMP as stability indicators during the biofiltration of diffuse methane emissions	Hernandez J., Gomez-Cuervo S., Omil F.	Water, Air, and Soil Pollution	18
1068	2014	CO ₂ capture by pyrrolidine: Reaction mechanism and mass transfer	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Rumbo A.	AIChE Journal	18
1069	2012	Direct preparation of sulfide semiconductor nanoparticles from the corresponding bulk powders in an ionic liquid	Rodriguez-Cabo B., Rodil E., Rodriguez H., Soto A., Arce A.	Angewandte Chemie - International Edition	18
1070	2011	Kinetics of carbon dioxide chemical absorption into cyclic amines solutions	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Vidal-Tato I.	AIChE Journal	18
1071	2011	Effect of fat level on physicochemical and sensory properties of dry-cured duck sausages	Lorenzo J.M., Temperan S., Bermudez R., Purrinos L., Franco D.	Poultry Science	18

1072	2010	Optimisation of polyphenols extraction from chestnut shell by response surface methodology	Vazquez G., Freire M.S., Santos J., Antorrena G., Gonzalez-Alvarez J.	Waste and Biomass Valorization	18
1073	2009	Density, speed of sound, and isentropic compressibility of triethanolamine (or N-methyldiethanolamine) + water + ethanol solutions from t = (15 to 50) °C	Garcia-Abuin A., Gomez-Diaz D., La Rubia M.D., Navaza J.M., Pacheco R.	Journal of Chemical and Engineering Data	18
1074	2009	N ₂ O production by nitrifying biomass under anoxic and aerobic conditions	Campos J.L., Arrojo B., Vazquez-Padin J.R., Mosquera-Corral A., Mendez R.	Applied Biochemistry and Biotechnology	18
1075	2008	Surface tension of aqueous binary mixtures of 2-(methylamino)ethanol and 2-(ethylamino)ethanol and aqueous ternary mixtures of these amines with triethanolamine or N-methyldiethanolamine from (293.15 to 323.15) K	Alvarez E., Gomez-Diaz D., La Rubia M.D., Navaza J.M.	Journal of Chemical and Engineering Data	18
1076	2006	Carbon dioxide absorption in glucosamine aqueous solutions	Gomez-Diaz D., Navaza J.M., Sanjurjo B., Vazquez-Orgeira L.	Chemical Engineering Journal	18
1077	2006	Rheological behaviour of Galician honeys	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C.	European Food Research and Technology	18
1078	2006	Curing of a phenol-formaldehyde-tannin adhesive in the presence of wood: Analysis by differential scanning calorimetry	Vazquez G., Gonzalez-Alvarez J., Antorrena G.	Journal of Thermal Analysis and Calorimetry	18
1079	2005	Densities and viscosities of aqueous solutions of pyrrolidine and piperidine from (20 to 50)°C	Alvarez E., Gomez-Diaz D., La Rubia D., Navaza J.M.	Journal of Chemical and Engineering Data	18
1080	2005	Physical and excess properties of binary and ternary mixtures of 1,1-dimethylethoxy-butane, methanol, ethanol and water at 298.15 K	Arce A., Arce Jr. A., Soto A.	Thermochimica Acta	18
1081	2003	Modeling of the Acid Orange 7 anaerobic biodegradation	Mendez-Paz D., Omil F., Lema J.M.	Water Science and Technology	18
1082	2001	Determination of the activity of H ⁺ ions within and beyond the pH meter range	Rodil E., Persson K., Vera J.H., Wilczek-Vera G.	AIChE Journal	18
1083	2001	Population dynamics of a continuous fermentation of recombinant <i>Saccharomyces cerevisiae</i> using flow cytometry	Lu Chau T., Guillan A., Roca E., Nunez M.J., Lema J.M.	Biotechnology Progress	18
1084	1999	Characterization and comparison of biomasses from single- and multi-fed upflow anaerobic filters	Punal A., Mendez-Pampin R.J., Lema J.M.	Bioresource Technology	18
1085	1998	Microstructural features of enzymatically treated oilseeds	Sineiro J., Dominguez H., Nunez Ma.J., Lema J.M.	Journal of the Science of Food and Agriculture	18
1086	1998	Hybrid method for the optimal control of chemical processes	Carrasco E.F., Banga J.R.	IEE Conference Publication	18
1087	1998	Nitrous oxide production under toxic conditions in a denitrifying anoxic filter	Garrido J.M., Moreno J., Mendez-Pampin R., Lema J.M.	Water Research	18
1088	1998	Effects of temperature on the conductivity of sodium bis(2-ethylhexyl) sulfosuccinate + 2,2,4-trimethylpentane + water microemulsions. Influence of sodium salts	Alvarez E., Garcia-Rio L., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	18
1089	1998	Molar volume, molar refraction, and isentropic compressibility changes of mixing at 25°C for the system ethanol + methanol + dibutyl ether	Arce A., Rodil E., Soto A.	Journal of Solution Chemistry	18
1090	1995	Leaching of iron from kaolins by a spent fermentation liquor: Influence of temperature, pH, agitation and citric acid concentration	Cameselle C., Jose Nunez M., Lema J.M., Pais J.	Journal of Industrial Microbiology	18
1091	1994	Production of lignin peroxidase from <i>Phanerochaete chrysosporium</i> in a packed bed bioreactor with recycling	Feijoo G., Dosoretz C., Lema J.M.	Biotechnology Techniques	18
1092	1994	Anaerobic filter and DSFF reactors in anaerobic treatment of tuna processing wastewater	Veiga M.C., Mendez R., Lema J.M.	Water Science and Technology	18
1093	1994	Alcoholic fermentation of xylose by immobilized <i>Pichia stipitis</i> in a fixed-bed pulsed bioreactor	Sanroman A., Chamy R., Nunez M.J., Lema J.M.	Enzyme and Microbial Technology	18
1094	1992	Properties of phenolic-tannin adhesives from pinus pinaster bark extracts as related to bond quality in eucalyptus plywoods	Vazquez G., Antorrena G., Francisco J.L., Gonzalez J.	Holz als Roh- und Werkstoff	18
1095	2022	Exploring the potential of antioxidants from fruits and vegetables and strategies for their recovery	Arias A., Feijoo G., Moreira M.T.	Innovative Food Science and Emerging Technologies	17
1096	2021	Pursuing the route to eco-efficiency in dairy production: The case of Galician area	Cortes A., Feijoo G., Fernandez M., Moreira M.T.	Journal of Cleaner Production	17
1097	2020	Insights on the laccase extraction and activity in ionic-liquid-based aqueous biphasic systems	Capela E.V., Valente A.I., Nunes J.C.F., Magalhaes F.F., Rodriguez O., Soto A., Freire M.G., Tavares A.P.M.	Separation and Purification Technology	17
1098	2020	Fenton and photo-fenton nanocatalysts revisited from the perspective of life cycle assessment	Feijoo S., Gonzalez-Rodriguez J., Fernandez L., Vazquez-Vazquez C., Feijoo G., Moreira M.T.	Catalysts	17
1099	2020	Efficiency assessment of diets in the Spanish regions: A multi-criteria cross-cutting approach	Esteve-Llorens X., Martin-Gamboa M., Iribarren D., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Journal of Cleaner Production	17
1100	2019	Carcass Characteristics and Meat Quality of Deer	Serrano M.P., Maggolino A., Pateiro M., Landete-Castillejos T., Dominguez R., Garcia A., Franco D., Gallego L., De Palo P., Lorenzo J.M.	More than Beef, Pork and Chicken - The Production, Processing, and Quality Traits of Other Sources of Meat for Human Diet	17

1101	2017	Water Sorption Isotherms and Air Drying Kinetics of <i>Fucus vesiculosus</i> Brown Seaweed	Moreira R., Chenlo F., Sineiro J., Arufe S., Sexto S.	Journal of Food Processing and Preservation	17
1102	2017	Tributyl(tetradecyl)phosphonium Chloride Ionic Liquid for Surfactant-Enhanced Oil Recovery	Rodriguez-Palmeiro I., Rodriguez-Escontrela I., Rodriguez O., Soto A., Reichmann S., Amro M.M.	Energy and Fuels	17
1103	2017	Aqueous two-phase systems with thermo-sensitive EOPO copolymer (UCON) and sulfate salts: Effect of temperature and cation	Rico-Castro X., Gonzalez-Amado M., Soto A., Rodriguez O.	Journal of Chemical Thermodynamics	17
1104	2017	Recovery of phenolic compounds from eucalyptus wood wastes using ethanol-salt-based aqueous two-phase systems	Xavier L., Freire M.S., Vidal-Tato I., Gonzalez-Alvarez J.	Maderas: Ciencia y Tecnologia	17
1105	2016	Effect of nitrogen and/or oxygen concentration on poly(3-hydroxybutyrate) accumulation by <i>Halomonas boliviensis</i>	Garcia-Torreiro M., Lu-Chau T.A., Lema J.M.	Bioprocess and Biosystems Engineering	17
1106	2016	Effect of oxygen on the microbial activities of thermophilic anaerobic biomass	Pedizzi C., Regueiro L., Rodriguez-Verde I., Lema J.M., Carballa M.	Bioresource Technology	17
1107	2015	Aeration control by monitoring the microbiological activity using fuzzy logic diagnosis and control. Application to a complete autotrophic nitrogen removal reactor	Boiocchi R., Mauricio-Iglesias M., Vangsgaard A.K., Gernaey K.V., Sin G.	Journal of Process Control	17
1108	2015	Continuous Removal of Nonylphenol by Versatile Peroxidase in a Two-Stage Membrane Bioreactor	Mendez-Hernandez J.E., Eibes G., Arca-Ramos A., Lu-Chau T.A., Feijoo G., Moreira M.T., Lema J.M.	Applied Biochemistry and Biotechnology	17
1109	2015	A decision support system based on fuzzy reasoning and AHP-FPP for the ecodesign of products: Application to footwear as case study	Garcia-Dieguez C., Herva M., Roca E.	Applied Soft Computing Journal	17
1110	2014	Influence of the shear stress and salinity on Anammox biofilms formation: Modelling results	Fernandez I., Bravo J.I., Mosquera-Corral A., Pereira A., Campos J.L., Mendez R., Melo L.F.	Bioprocess and Biosystems Engineering	17
1111	2014	Vegetable oils as NAPLs in two phase partitioning bioreactors for the degradation of anthracene by laccase	Arca-Ramos A., Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Chemical Engineering Journal	17
1112	2013	Environmental assessment of different biofilters for the treatment of gaseous streams	Alfonsin C., Hernandez J., Omil F., Prado T.J., Gabriel D., Feijoo G., Moreira M.T.	Journal of Environmental Management	17
1113	2013	Enhanced saccharification of biologically pretreated wheat straw for ethanol production	Lopez-Abelairas M., Lu-Chau T.A., Lema J.M.	Applied Biochemistry and Biotechnology	17
1114	2012	Product carbon footprinting in Thailand: A step towards sustainable consumption and production?	Mungkung R., Gheewala S.H., Kanyarushoki C., Hospido A., van der Werf H., Poovarodom N., Bonnet S., Aubin J., Teresa Moreira M., Feijoo G.	Environmental Development	17
1115	2012	Water Adsorption Isotherms of Chia (<i>Salvia hispanica</i> L.) Seeds	Moreira R., Chenlo F., Prieto D.M., Torres M.D.	Food and Bioprocess Technology	17
1116	2012	Molecular and physiological approaches to understand the ecology of methanol degradation during the biofiltration of air streams	Barcon T., Alonso-Gutierrez J., Omil F.	Chemosphere	17
1117	2012	Alkylpyridinium Alkylsulfate Ionic Liquids as Solvents for the Deterpenation of Citrus Essential Oil	Lago S., Rodriguez H., Soto A., Arce A.	Separation Science and Technology	17
1118	2011	Air drying and colour characteristics of chestnuts pre-submitted to osmotic dehydration with sodium chloride	Moreira R., Chenlo F., Chaguri L., Vazquez G.	Food and Bioproducts Processing	17
1119	2011	Sulfide and ammonium oxidation, acetate mineralization by denitrification in a multipurpose UASB reactor	Beristain-Cardoso R., Gomez J., Mendez-Pampin R.	Bioresource Technology	17
1120	2011	Occurrence and fate of pharmaceutical and personal care products in a sewage treatment works	Reif R., Santos A., Judd S.J., Lema J.M., Omil F.	Journal of Environmental Monitoring	17
1121	2011	Analysis of chestnut cellular tissue during osmotic dehydration, air drying, and rehydration processes	Moreira R., Chenlo F., Chaguri L., Mayor L.	Drying Technology	17
1122	2010	Generic parameterization for a pharmacokinetic model to predict Cd concentrations in several tissues of different fish species	Franco-Uria A., Otero-Muras I., Balsa-Canto E., Alonso A.A., Roca E.	Chemosphere	17
1123	2007	Characterization, management and treatment of wastewater from white wine production	Fernandez B., Seijo I., Ruiz-Filippi G., Roca E., Tarenzi I., Lema J.M.	Water Science and Technology	17
1124	2007	Cure kinetic of the epoxy network diglycidyl ether of bisphenol A (BADGE n=0)/amantidine	Fraga F., Soto V.H., Rodriguez-Nunez E., Martinez-Ageitos J.M., Rodriguez V.	Journal of Thermal Analysis and Calorimetry	17
1125	2004	Analysis of carbon dioxide gas/liquid mass transfer in aerated stirred vessels using non-Newtonian media	Gomez-Diaz D., Navaza J.M.	Journal of Chemical Technology and Biotechnology	17
1126	2003	Sorption isotherms of lupine at different temperatures	Vazquez G., Chenlo F., Moreira R.	Journal of Food Engineering	17
1127	2002	Aqueous extraction and membrane isolation of protein from defatted <i>Gevuina avellana</i>	Moure A., Rua M., Sineiro J., Dominguez H.	Journal of Food Science	17
1128	2000	Manganese peroxidase production by <i>Bjerkandera</i> sp. BOS55: 2. Operation in stirred tank reactors	Moreira M.T., Torrado A., Feijoo G., Lema J.M.	Bioprocess Engineering	17
1129	1999	Reevaluation of the manganese requirement for the biobleaching of kraft pulp by white rot fungi	Moreira M.T., Feijoo G., Sierra-Alvarez R., Field J.A.	Bioresource Technology	17
1130	1998	Quaternary liquid-liquid equilibria of systems with two partially miscible solvent pairs: 1-octanol + 2-methoxy-2-methylpropane + water 4-Ethanol at 25°C	Arce A., Blanco M., Soto A.	Fluid Phase Equilibria	17

1131	1998	Experimental VLE at 101.32 kPa in binary systems composed of ethyl methanoate and alkan-1-ols or alkan-2-ols and treatment of data using a correlation with temperature-dependent parameters	Soto A., Hernandez P., Ortega J.	Fluid Phase Equilibria	17
1132	1997	Enhanced catalytic properties of MnP by exogenous addition of manganese and hydrogen peroxide	Plama C., Moreira M.T., Feijoo G., Lema J.M.	Biotechnology Letters	17
1133	1995	Kinetics of polysaccharide hydrolysis in the acid-catalysed delignification of eucalyptus globulus wood by acetic acid	Vazquez G., Antorrena G., Gonzalez J.	Wood Science and Technology	17
1134	1995	Density, Viscosity, and Surface Tension of Aqueous Solutions of Sodium Sulfite and Sodium Sulfite + Sucrose from 25 to 40 °C	Vazquez G., Alvarez E., Cancela A., Navaza J.M.	Journal of Chemical and Engineering Data	17
1135	2019	Sustainable production of marine equipment in a circular economy: deepening in material and energy flows, best available techniques and toxicological impacts	Zapelloni G., Garcia Rellan A., Bello Bugallo P.M.	Science of the Total Environment	16
1136	2019	Assessing the environmental sustainability of glucose from wheat as a fermentation feedstock	Salim I., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Journal of Environmental Management	16
1137	2018	The time response of anaerobic digestion microbiome during an organic loading rate shock	Braz G.H.R., Fernandez-Gonzalez N., Lema J.M., Carballa M.	Applied Microbiology and Biotechnology	16
1138	2016	Rheology of κ /I-hybrid carrageenan from <i>Mastocarpus stellatus</i> : Critical parameters for the gel formation	Torres M.D., Chenlo F., Moreira R.	International Journal of Biological Macromolecules	16
1139	2015	Liquid-liquid-liquid equilibria for water+[P66614][DCA]+dodecane ternary system	Rodriguez-Escontrela I., Rodriguez-Palmeiro I., Rodriguez O., Arce A., Soto A.	Fluid Phase Equilibria	16
1140	2015	Starch transitions of different gluten free flour doughs determined by dynamic thermal mechanical analysis and differential scanning calorimetry	Moreira R., Chenlo F., Arufe S.	Carbohydrate Polymers	16
1141	2015	Practical identifiability analysis for the characterization of mass transport properties in migration tests	Martinez-Lopez B., Peyron S., Gontard N., Mauricio-Iglesias M.	Industrial and Engineering Chemistry Research	16
1142	2015	Assessment of morphological changes of <i>Clostridium acetobutylicum</i> by flow cytometry during acetone/butanol/ethanol extractive fermentation	Gonzalez-Penas H., Lu-Chau T.A., Moreira M.T., Lema J.M.	Biotechnology Letters	16
1143	2014	Water/oil/[P6,6,6,14][NTf ₂] phase equilibria	Lago S., Rodriguez-Cabo B., Arce A., Soto A.	Journal of Chemical Thermodynamics	16
1144	2014	Physicochemical and structural properties of starch isolated from fresh and dried chestnuts and chestnut flour	Torres M.D., Moreira R., Chenlo F., Morel M.H., Barron C.	Food Technology and Biotechnology	16
1145	2014	Anaerobic digestion of aerobic granular biomass: Effects of thermal pre-treatment and addition of primary sludge	Val Del Rio A., Palmeiro-Sanchez T., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	Journal of Chemical Technology and Biotechnology	16
1146	2013	Carcass morphology and meat quality from roosters slaughtered at eight months affected by genotype and finishing feeding	Franco D., Rois D., Vazquez J.A., Lorenzo J.M.	Spanish Journal of Agricultural Research	16
1147	2012	Air quality simulations for North America - MM5-CAMx modelling performance for main gaseous pollutants	Ferreira J., Rodriguez A., Monteiro A., Miranda A.I., Dios M., Souto J.A., Yarwood G., Nopmongcol U., Borrego C.	Atmospheric Environment	16
1148	2012	Density, speed of sound, viscosity, refractive index, and excess volume of n-methyl-2-pyrrolidone (NMP) + water + ethanol from T = (293.15 to 323.15) K	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	16
1149	2009	Fractionation of pine bark extracts: Selecting procyanidins	Jerez M., Sineiro J., Nunez M.J.	European Food Research and Technology	16
1150	2006	Osmotic dehydration/impregnation kinetics of padrón pepper (<i>Capsicum annuum</i> L. Longum) with sodium chloride solutions: Process modelling and colour analysis	Chenlo F., Chaguri L., Santos F., Moreira R.	Food Science and Technology International	16
1151	2001	(Liquid + liquid) equilibria of (tert-amyl ethyl ether + ethanol + water) at several temperatures	Arce A., Martinez-Ageitos J., Rodriguez O., Soto A.	Journal of Chemical Thermodynamics	16
1152	2000	Effects of various treatments on the drying kinetics of Muscatel grapes	Vazquez G., Chenlo F., Moreira R., Costoyas A.	Drying Technology	16
1153	1999	Extractive distillation of 2-methoxy-2-methylpropane + ethanol using 1-butanol as entrainer: Equilibria and simulation	Arce A., Rodil E., Soto A.	Canadian Journal of Chemical Engineering	16
1154	1998	Density, viscosity, and surface tension of sodium carbonate + sodium bicarbonate buffer solutions in the presence of glycerine, glucose, and sucrose from 25 to 40°C	Vazquez G., Alvarez E., Navaza J.M.	Journal of Chemical and Engineering Data	16
1155	1997	Water + ethanol + 2-methoxy-2-methylbutane: Properties of mixing at 298.15 K and isobaric vapour-liquid equilibria at 101.32 kPa	Arce A., Martinez-Ageitos J., Mendoza J., Soto A.	Fluid Phase Equilibria	16
1156	1993	Adsorption of CO "SUB 2" in aqueous solutions of various viscosities in the presence of induced turbulence	Vasquez G., Antorrena G., Navaza J.M., Santos V., Rodriguez T.	International Chemical Engineering	16
1157	1991	Anaerobic biodegradability and toxicity of eucalyptus fiber board manufacturing wastewater	Soto M., Field J.A., Lettinga G., Mendez R., Lema J.M.	Journal of Chemical Technology & Biotechnology	16
1158	1990	Kinetic modelling of isomerization and anaerobic degradation of n- and i-butyrate	Aguilar A., Casas C., Lafuente J., Lema J.M.	Journal of Fermentation and Bioengineering	16

1159	2021	Environmental benefits of soy-based bio-adhesives as an alternative to formaldehyde-based options	Arias A., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Environmental Science and Pollution Research	15
1160	2021	Valorization of residual walnut biomass from forest management and wood processing for the production of bioactive compounds	Fernandez-Agullo A., Freire M.S., Ramirez-Lopez C., Fernandez-Moya J., Gonzalez-Alvarez J.	Biomass Conversion and Biorefinery	15
1161	2020	Green sustainable process to revalorize purple corn cobs within a biorefinery frame: Co-production of bioactive extracts	Gullon P., Eibes G., Lorenzo J.M., Perez-Rodriguez N., Lu-Chau T.A., Gullon B.	Science of the Total Environment	15
1162	2020	Effect of breed and diet type on the freshness and quality of the eggs: A comparison between MOS (Indigenous Galician breed) and Isa brown hens	Franco D., Rois D., Arias A., Justo J.R., Marti-Quijal F.J., Khubber S., Barba F.J., Lopez-Pedrouso M., Lorenzo J.M.	Foods	15
1163	2019	Determination of the intrinsic kinetic parameters of ammonia-oxidizing and nitrite-oxidizing bacteria in granular and flocculent sludge	Val del Rio A., Campos J.L., Da Silva C., Pedrouso A., Mosquera-Corral A.	Separation and Purification Technology	15
1164	2019	Life Cycle Assessment of Renewable Energy Production from Biomass	Lijo L., Gonzalez-Garcia S., Lovarelli D., Moreira M.T., Feijoo G., Bacenetti J.	Green Energy and Technology	15
1165	2018	Modeling photosynthetically active radiation from satellite-derived estimations over mainland Spain	Vindel J.M., Valenzuela R.X., Navarro A.A., Zarzalejo L.F., Paz-Gallardo A., Souto J.A., Mendez-Gomez R., Cartelle D., Casares J.J.	Remote Sensing	15
1166	2018	Effect of breed and finishing diet on growth performance, carcass and meat quality characteristics of Mos young hens	Pateiro M., Rois D., Lorenzo J.M., Vazquez J.A., Franco D.	Spanish Journal of Agricultural Research	15
1167	2017	Density, Speed of Sound, Viscosity and Surface Tension of 3-Dimethylamino-1-propylamine + Water, 3-Amino-1-propanol + 3-Dimethylamino-1-propanol, and (3-Amino-1-propanol + 3-Dimethylamino-1-propanol) + Water from T = (293.15 to 323.15) K	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	15
1168	2017	Technical and environmental evaluation of an integrated scheme for the co-treatment of wastewater and domestic organic waste in small communities	Lijo L., Malamis S., Gonzalez-Garcia S., Fatone F., Moreira M.T., Katsou E.	Water Research	15
1169	2015	Accounting for time-dependent changes in GHG emissions in the Ribeiro appellation (NW Spain): Are land use changes an important driver?	Villanueva-Rey P., Vazquez-Rowe I., Otero M., Moreira M.T., Feijoo G.	Environmental Science and Policy	15
1170	2014	Analysis of raw cork production in Portugal and Catalonia using life cycle assessment	Dias A.C., Boschmonart-Rives J., Gonzalez-Garcia S., Demertzi M., Gabarrell X., Arroja L.	International Journal of Life Cycle Assessment	15
1171	2014	Feasibility of spent metalworking fluids as co-substrate for anaerobic co-digestion	Rodriguez-Verde I., Regueiro L., Pena R., Alvarez J.A., Lema J.M., Carballa M.	Bioresource Technology	15
1172	2013	Fermentation of biologically pretreated wheat straw for ethanol production: Comparison of fermentative microorganisms and process configurations	Lopez-Abelairas M., Lu-Chau T.A., Lema J.M.	Applied Biochemistry and Biotechnology	15
1173	2013	Density, speed of sound, refractive index and derivatives properties of the binary mixture n-hexane + n-heptane (or n-octane or n-nonane), T = 288.15 - 313.15 K	Blanco A., Gayol A., Gomez-Diaz D., Navaza J.M.	Physics and Chemistry of Liquids	15
1174	2012	Fish discards management: Pollution levels and best available removal techniques	Antelo L.T., Lopes C., Franco-Uria A., Alonso A.A.	Marine Pollution Bulletin	15
1175	2009	Influence of the filler CaCO ₃ on the cure kinetic of the epoxy network diglycidyl ether of bisphenol a (BADGE n = 0) with isophorone diamine	Fraga F., Vazquez I., Rodriguez-Nunez E., Martinez-Ageitos J.M., Miragaya J.	Journal of Applied Polymer Science	15
1176	2009	Analysis of variables and modeling of gevuina avellana oil extraction with ethanol near azeotrope conditions	Franco D., Sineiro J., NUNEZ M.J.	Journal of Food Process Engineering	15
1177	2008	Surface tension of binary mixtures of N-methyldiethanolamine and triethanolamine with ethanol	Alvarez E., Gomez-Diaz D., Dolores La Rubia M., Navaza J.M.	Journal of Chemical and Engineering Data	15
1178	2007	Density, kinematic viscosity, speed of sound, and surface tension of tetradecyl and octadecyl trimethyl ammonium bromide aqueous solutions	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Journal of Chemical and Engineering Data	15
1179	2007	Evaluation of the rheological behaviour of chestnut (Castanea sativa mill) flour pastes as function of water content and temperature	Chenlo F., Moreira R., Pereira G., Silva C.	Electronic Journal of Environmental, Agricultural and Food Chemistry	15
1180	2003	Effect of ethylene glycol on the CO ₂ /water gas-liquid mass transfer process	Gomez-Diaz D., Navaza J.M.	Chemical Engineering and Technology	15
1181	2001	Enzyme-aided alternative processes for the extraction of oil from Rosa rubiginosa [1]	Moure A., Franco D., Santamaria R.I., Soto C., Sineiro J., Dominguez H., Zunga M.E., Nunez M.J., Chamy R., Lopez-Munguia A., Lema J.M.	JAOCs, Journal of the American Oil Chemists' Society	15
1182	2000	The circulating floating bed reactor: Effect of particle size distribution of the carrier on ammonia conversion	Garrido-Fernandez J.M., Mendez R., Lema J.M., Lazarova V.	Water Science and Technology	15
1183	1999	Anaerobic treatment of wastewater from a fish-canning factory in a full-scale Upflow Anaerobic Sludge Blanket (UASB) reactor	Punal A., Lema J.M.	Water Science and Technology	15
1184	1999	Advanced monitoring of an anaerobic pilot plant treating high strength wastewaters	Punal A., Lorenzo A., Roca E., Hernandez C., Lema J.M.	Water Science and Technology	15
1185	1998	Liquid-liquid equilibria of 1-octanol + 2-methoxy-2-methylpropane + water + methanol at 25°C	Arce A., Blanco M., Soto A.	Journal of Chemical and Engineering Data	15

1186	1994	Optimization of UNIQUAC structural parameters for individual mixtures; application to new experimental liquid-liquid equilibrium data for aqueous solutions of methanol and ethanol with isoamyl acetate	Arce A., Blanco A., Martinez-Ageitos J., Vidal I.	Fluid Phase Equilibria	15
1187	1994	A pulsing device for packed-bed bioreactors: II. Application to alcoholic fermentation	Sanroman A., Roca E., Nunez M.J., Lema J.M.	Bioprocess Engineering	15
1188	1994	A pulsing device for packed-bed bioreactors: I. Hydrodynamic behaviour	Roca E., Sanroman A., Nunez M.J., Lema J.M.	Bioprocess Engineering	15
1189	1990	Optimization of the hardening treatment of <i>S. cerevisiae</i> bioparticles	Chamy R., Nunez M.J., Lema J.M.	Enzyme and Microbial Technology	15
1190	1987	Anaerobic treatment of landfill leachates: Kinetics and stoichiometry	Lema J.M., Ibanez E., Canals J.	Environmental Technology Letters	15
1191	2022	Benchmarking tertiary water treatments for the removal of micropollutants and pathogens based on operational and sustainability criteria	de Boer S., Gonzalez-Rodriguez J., Conde J.J., Moreira M.T.	Journal of Water Process Engineering	14
1192	2021	Impact of pulsed light processing technology on phenolic compounds of fruits and vegetables	Vargas-Ramella M., Pateiro M., Gavahian M., Franco D., Zhang W., Mousavi Khaneghah A., Guerrero-Sanchez Y., Lorenzo J.M.	Trends in Food Science and Technology	14
1193	2021	Benchmarking environmental and economic indicators of sludge management alternatives aimed at enhanced energy efficiency and nutrient recovery	Arias A., Feijoo G., Moreira M.T.	Journal of Environmental Management	14
1194	2021	Transforming data to information: A parallel hybrid model for real-time state estimation in lignocellulosic ethanol fermentation	Cabaneros Lopez P., Udugama I.A., Thomsen S.T., Roslander C., Junicke H., Iglesias M.M., Gernaey K.V.	Biotechnology and Bioengineering	14
1195	2020	Environmental assessment of complex wastewater valorisation by polyhydroxyalkanoates production	Roibas-Rozas A., Mosquera-Corral A., Hospido A.	Science of the Total Environment	14
1196	2020	Application of proteomic technologies to assess the quality of raw pork and pork products: An overview from farm-to-fork	Lopez-Pedrouso M., Lorenzo J.M., Gagaoua M., Franco D.	Biology	14
1197	2020	Turning waste management into a carbon neutral activity: Practical demonstration in a medium-sized European city	Fernandez-Brana A., Feijoo G., Dias-Ferreira C.	Science of the Total Environment	14
1198	2020	Measuring quantitative proteomic distance between Spanish beef breeds	Rodriguez-Vazquez R., Mato A., Lopez-Pedrouso M., Franco D., Sentandreu M.A., Zapata C.	Food Chemistry	14
1199	2019	Air-side ammonia stripping coupled to anaerobic digestion indirectly impacts anaerobic microbiome	Fernandez-Gonzalez N., Pedizzi C., Lema J.M., Carballa M.	Microbial Biotechnology	14
1200	2019	Integrating lifecycle assessment and urban metabolism at city level: Comparison between Spanish cities	Gonzalez-Garcia S., Dias A.C.	Journal of Industrial Ecology	14
1201	2017	Decentralised schemes for integrated management of wastewater and domestic organic waste: the case of a small community	Lijo L., Malamis S., Gonzalez-Garcia S., Moreira M.T., Fatone F., Katsou E.	Journal of Environmental Management	14
1202	2017	Formulation of laccase nanobiocatalysts based on ionic and covalent interactions for the enhanced oxidation of phenolic compounds	Moreira M.T., Moldes-Diz Y., Feijoo S., Eibes G., Lema J.M., Feijoo G.	Applied Sciences (Switzerland)	14
1203	2017	The use of natural antioxidants to replace chemical antioxidants in foods	Lorenzo J.M., Muneke P.E.S., Baldin J.C., Franco D., Dominguez R., Trindade M.A.	Strategies for Obtaining Healthier Foods	14
1204	2016	Opportunities and challenges of implementing life cycle assessment in seafood certification: a case study for Spain	Vazquez-Rowe I., Villanueva-Rey P., Moreira M.T., Feijoo G.	International Journal of Life Cycle Assessment	14
1205	2016	Density, Speed of Sound, Viscosity, and Surface Tension of Dimethylethylenediamine + Water and (Ethanolamine + Dimethylethanolamine) + Water from T = (293.15 to 323.15) K	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	14
1206	2014	Evaluating two-dimensional electrophoresis profiles of the protein phaseolin as markers of genetic differentiation and seed protein quality in common bean (<i>Phaseolus vulgaris</i> L.)	Lopez-Pedrouso M., Bernal J., Franco D., Zapata C.	Journal of Agricultural and Food Chemistry	14
1207	2013	Lipolysis, proteolysis and physico-chemical modifications during ripening of dry-cured duck breast	Lorenzo J.M., Bermudez R., Franco D.	European Food Research and Technology	14
1208	2012	Liquid-liquid interfacial tension of equilibrated mixtures of ionic liquids and hydrocarbons	Rodriguez H., Arce A., Soto A.	Science China Chemistry	14
1209	2012	Effect of coagulant-flocculant reagents on aerobic granular biomass	Val del Rio A., Morales N., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	Journal of Chemical Technology and Biotechnology	14
1210	2012	Density, speed of sound, refractive index, and viscosity of 1-amino-2-propanol {or Bis(2-hydroxypropyl)amine} + triethanolamine + water from T = (288.15 to 333.15) K	Gomez-Diaz D., La Rubia M.D., Lopez A.B., Navaza J.M., Pacheco R., Sanchez S.	Journal of Chemical and Engineering Data	14
1211	2012	Physicochemical characterization of galician honeys	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C.	International Journal of Food Properties	14
1212	2012	Continuous biotransformation of estrogens by laccase in an enzymatic membrane reactor	Lloret L., Eibes G., Feijoo G., Moreira M.T., Lema J.M.	Chemical Engineering Transactions	14
1213	2011	Biodegradation of Micropollutants and Prospects for Water and Wastewater Biotreatment	Forrez I., Boon N., Verstraete W., Carballa M.	Comprehensive Biotechnology, Second Edition	14
1214	2011	Static structure, microscopic dynamics and electronic properties of the liquid Bi-Pb alloy. An ab initio molecular dynamics study	Souto J., Alemany M.M.G., Gallego L.J., Gonzalez L.E., Gonzalez D.J.	Journal of Nuclear Materials	14

1215	2011	A risk-based decision tool for the management of organic waste in agriculture and farming activities (FARMERS)	Rio M., Franco-Uria A., Abad E., Roca E.	Journal of Hazardous Materials	14
1216	2009	Measurement of ion activity coefficients in aqueous solutions of mixed electrolyte with a common ion: NaNO ₃ + KNO ₃ , NaCl + KCl, and NaBr + NaCl	Rodil E., Arce A., Wilczek-Vera G., Vera J.H.	Journal of Chemical and Engineering Data	14
1217	2008	Surface tension of aqueous solutions of short N-alkyl-2-pyrrolidinones	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Vidal-Tato I.	Journal of Chemical and Engineering Data	14
1218	2008	Kinetics of carbon dioxide absorption into aqueous glucosamine solutions	Gomez-Diaz D., Navaza J.M.	AIChE Journal	14
1219	2007	Drying of chestnuts (<i>Castanea sativa</i> mill.) after osmotic dehydration with sucrose and glucose solutions	Moreira R., Chenlo F., Chaguri L., Oliveira H.	Drying Technology	14
1220	2005	Influence of glymes upon percolative phenomena in AOT-based microemulsions	Dasilva-Carbalhal J., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C., Perez-Lorenzo M.	Journal of Colloid and Interface Science	14
1221	2001	Viscosities of single-solute and binary-solute aqueous systems of monoethanolamine, diethanolamine, and 2-amino-2-methyl-1-propanol	Chenlo F., Moreira R., Pereira G., Vazquez M.J., Santiago E.	Journal of Chemical and Engineering Data	14
1222	2001	Measurement and correlation of the activity coefficients of individual ions in aqueous electrolyte solutions of Na ₂ SO ₄ and K ₂ SO ₄	Rodil E., Vera J.H.	Canadian Journal of Chemical Engineering	14
1223	2000	Operation of a nitrifying activated sludge airlift (NASA) reactor without biomass carrier	Campos J.L., Mendez R., Lema J.M.	Water Science and Technology	14
1224	1999	Thermodynamic behaviour of ethanol + methanol + 2-ethoxy-2-methylpropane system. Physical properties and phase equilibria	Arce A., Martinez-Ageitos J., Rodil E., Soto A.	Fluid Phase Equilibria	14
1225	1998	Measurement and prediction of isobaric vapour-liquid equilibrium data of the system ethanol + methanol + 2-methoxy-2-methylpropane	Arce A., Martinez-Ageitos J., Rodil E., Soto A.	Fluid Phase Equilibria	14
1226	1995	Isobaric Vapor-Liquid Equilibria of Methanol + 1-Octanol and Ethanol + 1-Octanol Mixtures	Arce A., Blanco A., Soto A., Tojo J.	Journal of Chemical and Engineering Data	14
1227	1991	Enzymatic hydrolysis of starch in a fixed-bed pulsed-flow reactor	Sanroman A., Chamy R., Nunez M.J., Lema J.M.	Applied Biochemistry and Biotechnology	14
1228	1989	Start up of UASB reactors treating sucrose-containing substrates with a low cod/sulfate ratio	Mendez R., Pol L.W.H., Ten Brummeler E.	Environmental Technology Letters	14
1229	2021	Quantitative proteomic analysis of beef tenderness of Piemontese young bulls by SWATH-MS	Lopez-Pedrouso M., Lorenzo J.M., Di Stasio L., Brugiapaglia A., Franco D.	Food Chemistry	13
1230	2021	Ionic liquids in the pretreatment of lignocellulosic biomass	Rodriguez H.	Acta Innovations	13
1231	2021	Mainstream anammox reactor performance treating municipal wastewater and batch study of temperature, pH and organic matter concentration cross-effects	Pedrouso A., Val del Rio A., Morales N., Vazquez-Padin J.R., Campos J.L., Mosquera-Corral A.	Process Safety and Environmental Protection	13
1232	2020	Absorption and regeneration studies of chemical solvents based on dimethylethanolamine and diethylethanolamine for carbon dioxide capture	Baltar A., Gomez-Diaz D., Navaza J.M., Rumbo A.	AIChE Journal	13
1233	2019	Starch hydrogels from discarded chestnuts produced under different temperature-time gelatinisation conditions	Farina M., Torres M.D., Moreira R.	International Journal of Food Science and Technology	13
1234	2019	Nutritional and meat quality characteristics of seven primal cuts from 9-month-old female veal calves: a preliminary study	Galvez F., Maggiolino A., Dominguez R., Pateiro M., Gil S., De Palo P., Carballo J., Franco D., Lorenzo J.M.	Journal of the Science of Food and Agriculture	13
1235	2018	What to do with unwanted catches: Valorisation options and selection strategies	Inarra B., Bald C., Cebrian M., Antelo L.T., Franco-Uria A., Vazquez J.A., Perez-Martin R.I., Zufia J.	The European Landing Obligation: Reducing Discards in Complex, Multi-Species and Multi-Jurisdictional Fisheries	13
1236	2018	Thermal behaviour of mixtures of 1-alkylpyridinium halides with and without a common ion	Stolarska O., Soto A., Rodriguez H., Smiglak M.	Journal of Molecular Liquids	13
1237	2018	Laccase activity as an essential factor in the oligomerization of rutin	Muniz-Mouro A., Gullon B., Lu-Chau T.A., Moreira M.T., Lema J.M., Eibes G.	Catalysts	13
1238	2018	Sequential reactors for the removal of endocrine disrupting chemicals by laccase immobilized onto fumed silica microparticles	Gamallo M., Moldes-Diz Y., Eibes G., Feijoo G., Lema J.M., Moreira M.T.	Biocatalysis and Biotransformation	13
1239	2018	Air-drying and rehydration characteristics of the brown seaweeds, <i>Ascophyllum nodosum</i> and <i>Undaria pinnatifida</i>	Chenlo F., Arufe S., Diaz D., Torres M.D., Sineiro J., Moreira R.	Journal of Applied Phycology	13
1240	2017	Diffuse methane emissions abatement by organic and inorganic packed biofilters: Assessment of operational and environmental indicators	Gomez-Cuervo S., Alfonsin C., Hernandez J., Feijoo G., Moreira M.T., Omil F.	Journal of Cleaner Production	13
1241	2017	Life cycle assessment of in situ mariculture in the Mediterranean Sea for the production of bioactive compounds from the sponge <i>Sarcotragus spinosulus</i>	Perez-Lopez P., Ledda F.D., Bisio A., Feijoo G., Perino E., Pronzato R., Manconi R., Moreira M.T.	Journal of Cleaner Production	13
1242	2017	Comprehensive investigation of the enzymatic oligomerization of esculin by laccase in ethanol: Water mixtures	Muniz-Mouro A., Oliveira I.M., Gullon B., Lu-Chau T.A., Moreira M.T., Lema J.M., Eibes G.	RSC Advances	13

1243	2017	Fate of pharmaceuticals in soil after application of STPs products: Influence of physicochemical properties and modelling approach	Garcia-Santiago X., Garrido J.M., Lema J.M., Franco-Uria A.	Chemosphere	13
1244	2015	Synthesis of AgCl nanoparticles in ionic liquid and their application in photodegradation of Orange II	Rodriguez-Cabo B., Rodriguez-Palmeiro I., Rodil E., Arce A., Soto A.	Journal of Materials Science	13
1245	2015	Effect of temperature on salt-salt aqueous biphasic systems: Manifestations of upper critical solution temperature	Dilip M., Bridges N.J., Rodriguez H., Pereira J.F.B., Rogers R.D.	Journal of Solution Chemistry	13
1246	2014	Development of novel control strategies for single-stage autotrophic nitrogen removal: A process oriented approach	Vangsgaard A.K., Mauricio-Iglesias M., Gernaey K.V., Sin G.	Computers and Chemical Engineering	13
1247	2014	Environmental solutions for the sustainable production of bioactive natural products from the marine sponge <i>Crambe crambe</i>	Perez-Lopez P., TERNON E., Gonzalez-Garcia S., Genta-Jouve G., Feijoo G., Thomas O.P., Moreira M.T.	Science of the Total Environment	13
1248	2013	Physicochemical characterization of chitosan derivatives	Blanco A., Garca-Abun A., Gomez-Daz D., Navaza J.M.	CYTA - Journal of Food	13
1249	2013	The role of transboundary air pollution over Galicia and North Portugal area	Borrego C., Souto J.A., Monteiro A., Dios M., Rodriguez A., Ferreira J., Saavedra S., Casares J.J., Miranda A.I.	Environmental Science and Pollution Research	13
1250	2012	NMR studies in carbon dioxide - Amine chemical absorption	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Rumbo A.	Procedia Engineering	13
1251	2011	Economic comparison of enzymatic reactors and advanced oxidation processes applied to the degradation of phenol as a model compound	Lopez C., Moreira M.T., Feijoo G., Lema J.M.	Biocatalysis and Biotransformation	13
1252	2011	Density, speed of sound, refractive index, viscosity, surface tension, and excess volume of N -methyl-2-pyrrolidone + 1-amino-2-propanol {or Bis(2-hydroxypropyl)amine} from T = (293.15 to 323.15) K	Garcia-Abuin A., Gomez-Diaz D., La Rubia M.D., Lopez A.B., Navaza J.M.	Journal of Chemical and Engineering Data	13
1253	2010	Enzyme-aided extraction of polyphenols from grape pomace	Costoya N., Sineiro J., Pinelo M., Rubilar M., Nunez M.J.	Electronic Journal of Environmental, Agricultural and Food Chemistry	13
1254	2009	Chestnut burs as a source of natural antioxidants	Vazquez G., Gonzalez-Alvarez J., Freire M.S., Fernandez-Agullo A., Santos J., Antorrena G.	Chemical Engineering Transactions	13
1255	2008	Determination of the adequate minimum model complexity required in anaerobic bioprocesses using experimental data	Rodriguez J., Roca E., Lema J.M., Bernard O.	Journal of Chemical Technology and Biotechnology	13
1256	2008	Evaluation of the enzyme manganese peroxidase in an industrial sequence for the lignin oxidation and bleaching of eucalyptus kraft pulp	Feijoo G., Moreira M.T., Alvarez P., Lu-Chau T.A., Lema J.M.	Journal of Applied Polymer Science	13
1257	2006	Gas mass transfer to AOT-based microemulsions	Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Chemical Engineering Science	13
1258	2006	Density, viscosity, and speed of sound of solutions of AOT reverse micelles in 2,2,4-trimethylpentane	Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	13
1259	2004	Removal of aluminum from aqueous solutions using sodium di-(n-octyl) phosphinate	Rodil E., Dumortier R., Vera J.H.	Chemical Engineering Journal	13
1260	2004	Surfactant precipitation and polar solvent recovery of α -chymotrypsin and ribonuclease-A	Shin Y.-O., Rodil E., Vera J.H.	Biochemical Engineering Journal	13
1261	2000	The influence of acetosolv pulping conditions on the enzymatic hydrolysis of Eucalyptus pulps	Vazquez G., Antorrena G., Gonzalez J., Freire S., Crespo I.	Wood Science and Technology	13
1262	1999	Effects of temperature on the conductivity of microemulsions: influence of sodium hydroxide and hydrochloric acid	Alvarez E., Garca-Rio L., Mejuto J.C., Navaza J.M., Perez-Juste J.	Journal of Chemical and Engineering Data	13
1263	1997	Enhancement of the absorption of CO ₂ in alkaline buffers by organic solutes: Relation with degree of dissociation and molecular OH density	Vazquez G., Chenlo F., Pereira G.	Industrial and Engineering Chemistry Research	13
1264	1995	Production of Manganese Peroxidase by free pellets of <i>Phanerochaete chrysosporium</i> in an Expanded-Bed Bioreactor	Moreira M.T., Feijoo G., Lema J.M.	Biotechnology Techniques	13
1265	1995	Densities, Refractive Indices, and Excess Molar Volumes of Water + Methanol + 2-Methoxy-2-methylpropane at 298.15 K	Arce A., Martinez-Ageitos J., Mendoza J., Soto A.	Journal of Chemical and Engineering Data	13
1266	2021	Sequencing versus continuous granular sludge reactor for the treatment of freshwater aquaculture effluents	Santorio S., Couto A.T., Amorim C.L., Val del Rio A., Arregui L., Mosquera-Corral A., Castro P.M.L.	Water Research	12
1267	2021	A novel strategy for triacylglycerides and polyhydroxyalkanoates production using waste lipids	Argiz L., Gonzalez-Cabaleiro R., Val del Rio A., Gonzalez-Lopez J., Mosquera-Corral A.	Science of the Total Environment	12
1268	2021	Recovery of lactose and proteins from cheese whey with poly(ethylene)glycol/sulfate aqueous two-phase systems	Gonzalez-Amado M., Tavares A.P.M., Freire M.G., Soto A., Rodriguez O.	Separation and Purification Technology	12
1269	2020	Can proteomics contribute to biomonitoring of aquatic pollution? A critical review	Lopez-Pedrouso M., Varela Z., Franco D., Fernandez J.A., Aboal J.R.	Environmental Pollution	12
1270	2020	Proteomic application in predicting food quality relating to animal welfare. A review	Mouzo D., Rodriguez-Vazquez R., Lorenzo J.M., Franco D., Zapata C., Lopez-Pedrouso M.	Trends in Food Science and Technology	12
1271	2020	Enhanced photocatalytic activity of semiconductor nanocomposites doped with Ag nanoclusters under UV and visible light	Gonzalez-Rodriguez J., Fernandez L., Bava Y.B., Buceta D., Vazquez-Vazquez C., Lopez-Quintela M.A., Feijoo G., Moreira M.T.	Catalysts	12
1272	2019	Minimization of dissolved methane, nitrogen and organic micropollutants emissions of effluents from a methanogenic reactor by using a preanoxic MBR post-treatment system	Alvarino T., Allegue T., Fernandez-Gonzalez N., Suarez S., Lema J.M., Garrido J.M., Omil F.	Science of the Total Environment	12

1273	2019	Proteomic footprint of ultrasound intensification on sliced dry-cured ham subjected to mild thermal conditions	Lopez-Pedrouso M., Perez-Santaescolastica C., Franco D., Carballo J., Garcia-Perez J.V., Benedito J., Zapata C., Lorenzo J.M.	Journal of Proteomics	12
1274	2019	Proteins and amino acids	Lopez-Pedrouso M., Lorenzo J.M., Zapata C., Franco D.	Innovative Thermal and Non-Thermal Processing, Bioaccessibility and Bioavailability of Nutrients and Bioactive Compounds	12
1275	2018	Effect of the use of chestnuts (<i>Castanea sativa</i> Miller) in the finishing diet of Celta pig breed on the shelf-life of meat refrigerated and frozen	Echegaray N., Dominguez R., Franco D., Lorenzo J.M., Carballo J.	Food Research International	12
1276	2018	Life cycle assessment of decentralized mobile production systems for pelletizing logging residues under Nordic conditions	de la Fuente T., Bergstrom D., Gonzalez-Garcia S., Larsson S.H.	Journal of Cleaner Production	12
1277	2018	A combination of ammonia stripping and low temperature thermal pre-treatment improves anaerobic post-digestion of the supernatant from organic fraction of municipal solid waste treatment	Pedizzi C., Lema J.M., Carballa M.	Waste Management	12
1278	2018	The importance of using life cycle assessment in policy support to determine the sustainability of fishing fleets: a case study for the small-scale xeito fishery in Galicia, Spain	Villanueva-Rey P., Vazquez-Rowe I., Arias A., Moreira M.T., Feijoo G.	International Journal of Life Cycle Assessment	12
1279	2017	Valorization of Vine Shoots Based on the Autohydrolysis Fractionation Optimized by a Kinetic Approach	Gullon B., Eibes G., Davila I., Vila C., Labidi J., Gullon P.	Industrial and Engineering Chemistry Research	12
1280	2017	Partial Nitrification-Anammox Granules: Short-Term Inhibitory Effects of Seven Metals on Anammox Activity	Val del Rio A., da Silva T., Martins T.H., Foresti E., Campos J.L., Mendez R., Mosquera-Corral A.	Water, Air, and Soil Pollution	12
1281	2017	Life cycle assessment of β -Galactosidase enzyme production	Feijoo S., Gonzalez-Garcia S., Lema J.M., Moreira M.T.	Journal of Cleaner Production	12
1282	2017	Rheological behaviour of aqueous methylcellulose systems: Effect of concentration, temperature and presence of tragacanth	Moreira R., Chenlo F., Silva C., Torres M.D.	LWT	12
1283	2016	Environmental life cycle optimization of essential terpene oils produced by the macroalga <i>Ochtodes secundiramea</i>	Perez-Lopez P., Jeffryes C., Agathos S.N., Feijoo G., Rorrer G., Moreira M.T.	Science of the Total Environment	12
1284	2016	An analysis on how switching to a more balanced and naturally improved milk would affect consumer health and the environment	Roibas L., Martinez I., Goris A., Barreiro R., Hospido A.	Science of the Total Environment	12
1285	2015	Density, speed of sound, viscosity, and excess properties of n-ethyl-2-pyrrolidone + 2-(methylamino)ethanol [or 2-(ethylamino)ethanol] from T = (293.15 to 323.15) K	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Rumbo A., Yasarotlu O.	Journal of Chemical and Engineering Data	12
1286	2015	Carbon dioxide absorption behavior in 2-(ethylamino)ethanol aqueous solutions	Folgueira I., Teijido I., Garcia-Abuin A., Gomez-Diaz D., Rumbo A.	Fuel Processing Technology	12
1287	2013	Synthesis and characterization of highly concentrated AgI-[P 6,6,6,14]Cl ionanofluids	Rodriguez-Palmeiro I., Rodriguez-Cabo B., Rodil E., Arce A., Saiz-Jabardo J.M., Soto A.	Journal of Nanoparticle Research	12
1288	2011	Raman depth-profiling characterization of a migrant diffusion in a polymer	Mauricio-Iglesias M., Guillard V., Gontard N., Peyron S.	Journal of Membrane Science	12
1289	2011	Life cycle assessment of mussel culture	Iribarren D., Moreira M.T., Feijoo G.	Mussels: Anatomy, Habitat and Environmental Impact	12
1290	2010	Effect of weaning status on lipids of Galician Blond veal: Total fatty acids and 18:1 cis and trans isomers	Bispo E., Moreno T., Latorre A., Gonzalez L., Herradon P.G., Franco D., Monserrat L.	Meat Science	12
1291	2010	Evaluation of two fungal strains for the degradation of Pharmaceutical and Personal Care Products (PPCPs)	Rodarte-Morales A.I., Moreira M.T., Feijoo G., Lema J.M.	Chemical Engineering Transactions	12
1292	2004	Towards a cleaner production in developing countries: A case study in a Chilean tannery	Rivela B., Mendez R., Bornhardt C., Vidal G.	Waste Management and Research	12
1293	2003	Mass transfer in a flat gas/liquid interface using non-Newtonian media	Gomez-Diaz D., Navaza J.M.	Chemical Engineering and Technology	12
1294	2003	Behavior of a surface applied radionuclide and a dye tracer in structured and repacked soil monoliths	Albrecht A., Schultze U., Bugallo P.B., Wydler H., Frossard E., Fluhler H.	Journal of Environmental Radioactivity	12
1295	2003	Simulation of multistage extraction of antioxidants from Chilean hazelnut (<i>Gevuina avellana</i>) hulls	Moure A., Franco D., Sineiro J., Dominguez H., Nunez M.J.	Journal of the American Oil Chemists' Society	12
1296	2001	Automatic start-up of UASB reactors	Punal A., Melloni P., Roca E., Rozzi A., Lema J.M.	Journal of Environmental Engineering	12
1297	1999	Molar volume, refractive index, and isentropic compressibility at 298.15 K for 1-butanol + ethanol + 2-methoxy-2-methylpropane	Arce A., Pardillo E., Rodil E., Soto A.	Journal of Chemical and Engineering Data	12
1298	1994	Kinetics and mechanism of acetic acid pulping of detannined <i>Pinus pinaster</i> bark	Vazquez G., Antorrena G., Gonzalez J.	Wood Science and Technology	12
1299	2022	Techno-economic risk assessment, life cycle analysis and life cycle costing for poly(butylene succinate) and poly(lactic acid) production using renewable resources	Ioannidou S.M., Ladakis D., Moutousidi E., Dheskali E., Kookos I.K., Camara-Salim I., Moreira M.T., Koutinas A.	Science of the Total Environment	11

1300	2021	Hydrothermal treatment of avocado peel waste for the simultaneous recovery of oligosaccharides and antioxidant phenolics	Del Castillo-Llamosas A., Rodriguez-Martinez B., del Rio P.G., Eibes G., Garrote G., Gullon B.	Bioresource Technology	11
1301	2021	The antioxidant effect of colombian berry (<i>Vaccinium meridionale sw.</i>) extracts to prevent lipid oxidation during pork patties shelf-life	Vargas-Ramella M., Lorenzo J.M., Zamuz S., Valdes M.E., Moreno D., Guaman Balcazar M.C., Fernandez-Arias J.M., Reyes J.F., Franco D.	Antioxidants	11
1302	2021	Evaluating the environmental profiles of winter wheat rotation systems under different management strategies	Gonzalez-Garcia S., Almeida F., Moreira M.T., Brandao M.	Science of the Total Environment	11
1303	2021	Effect of nacl partial replacement by chloride salts on physicochemical characteristics, volatile compounds and sensorial properties of dry-cured deer cecina	Vargas-Ramella M., Lorenzo J.M., Dominguez R., Pateiro M., MuneKata P.E.S., Campagnol P.C.B., Franco D.	Foods	11
1304	2021	Peptidomic analysis of antioxidant peptides from porcine liver hydrolysates using SWATH-MS	Lopez-Pedrouso M., Borrajo P., Amarowicz R., Lorenzo J.M., Franco D.	Journal of Proteomics	11
1305	2021	Cometabolic removal of organic micropollutants by enriched nitrite-dependent anaerobic methane oxidizing cultures	Martinez-Quintela M., Arias A., Alvarino T., Suarez S., Garrido J.M., Omil F.	Journal of Hazardous Materials	11
1306	2021	Diamine versus amines blend for CO2 chemical absorption	Gomez-Diaz D., Muniz-Mouro A., Navaza J.M., Rumbo A.	AIChE Journal	11
1307	2020	Identification of environmental aspects of citrus waste valorization into D-limonene from a biorefinery approach	Santiago B., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Biomass and Bioenergy	11
1308	2020	Deterpenation of citrus essential oil with 1-ethyl-3-methylimidazolium acetate: A comparison of unit operations	Ganem F., Mattedi S., Rodriguez O., Rodil E., Soto A.	Separation and Purification Technology	11
1309	2020	Models for estimating daily photosynthetically active radiation in oceanic and mediterranean climates and their improvement by site adaptation techniques	Ferrera-Cobos F., Vindel J.M., Valenzuela R.X., Gonzalez J.A.	Advances in Space Research	11
1310	2020	Life cycle assessment of autochthonous varieties of wheat and artisanal bread production in Galicia, Spain	Camara-Salim I., Almeida-Garcia F., Gonzalez-Garcia S., Romero-Rodriguez A., Ruiz-Nogueiras B., Pereira-Lorenzo S., Feijoo G., Moreira M.T.	Science of the Total Environment	11
1311	2020	Designing a robust index for WWTP energy efficiency: The ENERWATER water treatment energy index	Mauricio-Iglesias M., Longo S., Hospido A.	Science of the Total Environment	11
1312	2020	Chemical and physico-chemical changes during the dry-cured processing of deer loin	Vargas-Ramella M., Dominguez R., Pateiro M., Franco D., Barba F.J., Lorenzo J.M.	International Journal of Food Science and Technology	11
1313	2019	Environmental implications of biohydrogen based energy production from steam reforming of alcoholic waste	Cortes A., Feijoo G., Chica A., Da Costa-Serra J.F., Moreira M.T.	Industrial Crops and Products	11
1314	2019	Extraction and characterization of phlorotannin-enriched fractions from the Atlantic seaweed <i>Bifurcaria bifurcata</i> and evaluation of their cytotoxic activity in murine cell line	Goncalves-Fernandez C., Sineiro J., Moreira R., Gualillo O.	Journal of Applied Phycology	11
1315	2019	How to cope with NOB activity and pig manure inhibition in a partial nitrification-anammox process?	Pichel A., Moreno R., Figueroa M., Campos J.L., Mendez R., Mosquera-Corral A., Val del Rio A.	Separation and Purification Technology	11
1316	2017	Integrated environmental permit through Best Available Techniques: Evaluation of the dairy industry	Torres Lopez E.R., Doval Leira R., Galera Martinez M., Bello Bugallo P.M.	Journal of Cleaner Production	11
1317	2015	A novel control strategy for single-stage autotrophic nitrogen removal in SBR	Mauricio-Iglesias M., Vangsgaard A.K., Gernaey K.V., Smets B.F., Sin G.	Chemical Engineering Journal	11
1318	2014	Analysis of the slaughterhouses in Galicia (NW Spain)	Bugallo P.M.B., Andrade L.C., De la Torre M.A., Lopez R.T.	Science of the Total Environment	11
1319	2014	Operational efficiency and environmental impact fluctuations of the basque trawling fleet using LCA+DEA methodology	Ramos S., Vazquez-Rowe I., Artetxe I., Moreira M.T., Feijoo G., Zufia J.	Turkish Journal of Fisheries and Aquatic Sciences	11
1320	2013	Application of response surface methodology to study the removal of estrogens in a laccase-mediated continuous membrane reactor	Lloret L., Eibes G., Feijoo G., Moreira M.T., Lema J.M.	Biocatalysis and Biotransformation	11
1321	2011	Surface tensions of three amyl alcohol + ethanol binary mixtures from (293.15 to 323.15) K	Alvarez E., Correa A., Correa J.M., Garcia-Rosello E., Navaza J.M.	Journal of Chemical and Engineering Data	11
1322	2011	Impact of high pressure treatment on the structure of montmorillonite	Mauricio-Iglesias M., Gontard N., Gastaldi E.	Applied Clay Science	11
1323	2010	Study on the mechanical strength of primary carbonate tablets	Garcia-Trinanes P., Bao M., Casares J.J., Ittershagen T., Morgeneyer M.	Powder Technology	11
1324	2010	Viscosimetric behaviour of carboxymethyl cellulose - Arabic gum mixtures: A new step to modelling	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C.	Carbohydrate Polymers	11
1325	2009	Determination of the optimal conditions for the adsorption of cadmium ions and phenol on chestnut (<i>Castanea sativa</i>) shell	Vazquez G., Gonzalez-Alvarez J., Freire M.S., Calvo M., Antorrena G.	Global Nest Journal	11
1326	2009	Gas-liquid interfacial area in the presence of different chain length surfactants	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Industrial and Engineering Chemistry Research	11
1327	2009	Kinematic viscosity and refractive index of aqueous solutions of ethanol and glycerol	Moreira R., Chenlo F., Legall D.	Industrial and Engineering Chemistry Research	11
1328	2008	Study cases of enzymatic processes	Barberis S., Guzman F., Illanes A., Lopez-Santin J., Wilson L., Alvaro G., Guisan J.M., Fernandez-Lafuente R., Mateo C., Clapes P., Lema J.M., Eibes G., Lopez C., Moreira M.T., Feijoo G.	Enzyme Biocatalysis: Principles and Applications	11

1329	2007	Cure kinetics of a diglycidyl ether of bisphenol A epoxy network (n = 0) with isophorone diamine	Fraga F., Penas M., Castro C., Rodriguez-Nunez E., Martinez-Ageitos J.M.	Journal of Applied Polymer Science	11
1330	2007	Estimating risk during showering exposure to VOCs of workers in a metal-degreasing facility	Franco A., Costoya M.A., Roca E.	Journal of Toxicology and Environmental Health - Part A: Current Issues	11
1331	2007	Kinetic study of chitosane/genipin system using DSC	Fraga F., Soto V.H., Blanco-Mendez J., Luzardo-Alvarez A., Rodriguez-Nunez E., Martinez-Ageitos J.M., Perez M.	Journal of Thermal Analysis and Calorimetry	11
1332	2005	Development of a membrane-assisted hybrid bioreactor for ammonia and COD removal in wastewaters	Oyanedel V., Campos J.L., Garrido J.M., Lazarova V., Mendez R.	Journal of Chemical Technology and Biotechnology	11
1333	2005	Precipitation and Recovery of Cytochrome c and Hemoglobin Using AOT and Acetone	Shin Y.-O., Rodil E., Vera J.H.	Separation Science and Technology	11
1334	2004	Simple and easy method for the determination of fungal growth and decolourative capacity in solid media	Yonni F., Moreira M.T., Fasoli H., Grandi L., Cabral D.	International Biodeterioration and Biodegradation	11
1335	2003	Densities, surface tensions and refractive indexes for propyl propanoate + hexane + ethylbenzene at 298.15 K	Dominguez-Perez M., Freire S., De Llano J.J., Rilo E., Segade L., Cabeza O., Jimenez E.	Fluid Phase Equilibria	11
1336	2003	Erratum: The activity of ions: Analysis of the theory and data for aqueous solutions of MgBr ₂ , CaBr ₂ and BaBr ₂ at 298.2 K (Fluid Phase Equilibria (2003) 205 (115-132) PII: S0378381202002789)	Rodil E., Vera J.H.	Fluid Phase Equilibria	11
1337	2003	Anaerobic treatment of natural tannin extracts in UASB reactors	Lopez-Fiuza J., Omil F., Mendez R.	Water Science and Technology	11
1338	2002	Expert system for the on-line diagnosis of anaerobic wastewater treatment plants.	Punal A., Rodriguez J., Carrasco E.F., Roca E., Lema J.M.	Water science and technology : a journal of the International Association on Water Pollution Research	11
1339	2001	Liquid-liquid equilibrium for tert-amyl ethyl ether + methanol + water	Arce A., Martinez-Ageitos J., Rodriguez O., Soto A.	Journal of Chemical and Engineering Data	11
1340	2001	Kinematic viscosity prediction for aqueous solutions with various solutes	Pereira G., Moreira R., Vazquez M.J., Chenlo F.	Chemical Engineering Journal	11
1341	1997	Decolorization of ion-exchange effluents derived from sugar-mill operations by Bjerkandera sp.BOS55	Moreira M.T., Palma C., Feijoo G., Lema J.M.	International Biodeterioration and Biodegradation	11
1342	1996	Extraction equilibria of the type 2: Ternary liquid mixture {x ₁ tert-butyl methyl ether + x ₂ water + (1-x ₁ -x ₂)1-octanol} at 298.15 K and 308.15 K	Arce A., Blanco M., Soto A., Vidal I.	Journal of Chemical Thermodynamics	11
1343	1993	[Exterior plywood resins formulated from Pinus pinaster bark extracts, Phenolharze für die Sperrholzverleimung, hergestellt aus Rindenextrakten von Pinus pinaster]	Vazquez G., Antorrena G., Francisco J.L., Arias M.C., Gonzalez J.	Holz als Roh- und Werkstoff: European Journal of Wood and Wood Industries	11
1344	1982	Substrate and product inhibition significance in the kinetics of sucrose hydrolysis by invertase	Santin J.L., Sola C., Lema J.M.	Biotechnology and Bioengineering	11
1345	2021	Proteomic advances in milk and dairy products	Agregan R., Echeagaray N., Lopez-Pedrouso M., Kharabsheh R., Franco D., Lorenzo J.M.	Molecules	10
1346	2021	Environmental and nutritional profile of food consumption patterns in the different climatic zones of Spain	Esteve-Llorens X., Van Dooren C., Alvarez M., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Journal of Cleaner Production	10
1347	2021	Steering the conversion of protein residues to volatile fatty acids by adjusting pH	Bevilacqua R., Regueira A., Mauricio-Iglesias M., Lema J.M., Carballa M.	Bioresource Technology	10
1348	2021	Environmental profile of the municipality of Madrid through the methodologies of Urban Metabolism and Life Cycle Analysis	Gonzalez-Garcia S., Caamano M.R., Moreira M.T., Feijoo G.	Sustainable Cities and Society	10
1349	2020	Fostering environmental awareness towards responsible food consumption and reduced food waste in chemical engineering students	Feijoo G., Moreira M.T.	Education for Chemical Engineers	10
1350	2020	Glycosyl squaramides, a new class of supramolecular gelators	Ramos J., Arufe S., Martin H., Rooney D., Elmes R.B.P., Erleben A., Moreira R., Velasco-Torrijos T.	Soft Matter	10
1351	2020	Volatile fatty acid production from saline cooked mussel processing wastewater at low pH	Fra-Vazquez A., Pedrouso A., Val del Rio A., Mosquera-Corral A.	Science of the Total Environment	10
1352	2020	Tracking the environmental footprints of institutional restaurant service in nursery schools	Gonzalez-Garcia S., Gonzalez-Garcia R., Gonzalez Vazquez L., Moreira M.T., Leis R.	Science of the Total Environment	10
1353	2019	Modeling and optimizing the solid-liquid extraction of phenolic compounds from lignocellulosic subproducts	Xavier L., Freire M.S., Gonzalez-Alvarez J.	Biomass Conversion and Biorefinery	10
1354	2019	The major storage protein in potato tuber is mobilized by a mechanism dependent on its phosphorylation status	Bernal J., Mouzo D., Lopez-Pedrouso M., Franco D., Garcia L., Zapata C.	International Journal of Molecular Sciences	10
1355	2019	Evaluation of the behavior of phenolic compounds and steviol glycosides of sonicated strawberry juice sweetened with stevia (Stevia rebaudiana Bertoni)	Zlabur J.S., Dobricevic N., Brncic M., Barba F.J., Lorenzo J.M., Franco D., Atanasov A.G., Voca S., Brncic S.R.	Molecules	10
1356	2019	Inactivation efficiency of Bacillus endospores via modified flow-through PUV treatment with comparison to conventional LPUV treatment	Fitzhenry K., Rowan N., Val del Rio A., Cremillieux A., Clifford E.	Journal of Water Process Engineering	10

1357	2019	Green technologies for food processing: Principal considerations	Lopez-Pedrouso M., Diaz-Reinoso B., Lorenzo J.M., Cravotto G., Barba F.J., Moure A., Dominguez H., Franco D.	Innovative Thermal and Non-Thermal Processing, Bioaccessibility and Bioavailability of Nutrients and Bioactive Compounds	10
1358	2018	Ionic Liquids Derived from Proline: Application as Surfactants	Fernandez-Stefanuto V., Corchero R., Rodriguez-Escontrela I., Soto A., Tojo E.	ChemPhysChem	10
1359	2018	Bottom-up approach in the assessment of environmental impacts and costs of an innovative anammox-based process for nitrogen removal	Arias A., Salim I., Pedrouso A., Morales N., Mosquera-Corral A., Vazquez-Padin J.R., Rogalla F., Feijoo G., Moreira M.T.	Journal of Environmental Management	10
1360	2018	Enzymatic reactors for the removal of recalcitrant compounds in wastewater	Arca-Ramos A., Eibes G., Feijoo G., Lema J.M., Moreira M.T.	Biocatalysis and Biotransformation	10
1361	2018	Switchable hydrophilicity solvents for carbon dioxide chemical absorption	Carrera M., Gomez-Diaz D., Navaza J.M.	Journal of Industrial and Engineering Chemistry	10
1362	2018	Gamestorming for the Conceptual Design of Products and Processes in the context of engineering education	Feijoo G., Crujeiras R.M., Moreira M.T.	Education for Chemical Engineers	10
1363	2017	Carbon dioxide capture with tertiary amines. Absorption rate and reaction mechanism	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Rumbo A.	Journal of the Taiwan Institute of Chemical Engineers	10
1364	2016	NaCl presence and purification affect the properties of mixed culture PHAs	Palmeiro-Sanchez T., Oliveira C.S.S., Gouveia A.R., Noronha J.P., Ramos A.M., Mosquera-Corral A., Reis M.A.M.	European Polymer Journal	10
1365	2016	Technologies for the treatment and recovery of nutrients from industrial wastewater	Val del Rio A., Campos Gomez J.L., Mosquera Corral A.	Technologies for the Treatment and Recovery of Nutrients from Industrial Wastewater	10
1366	2016	Production of poly(3-hydroxybutyrate) by simultaneous saccharification and fermentation of cereal mash using <i>Halomonas boliviensis</i>	Garcia-Torreiro M., Lopez-Abelairas M., Lu-Chau T.A., Lema J.M.	Biochemical Engineering Journal	10
1367	2015	Development of urban solar infrastructure to support low-carbon mobility	Mendoza J.M.F., Sanye-Mengual E., Angrill S., Garcia-Lozano R., Feijoo G., Josa A., Gabarrell X., Rieradevall J.	Energy Policy	10
1368	2015	A generic methodology for the optimisation of sewer systems using stochastic programming and self-optimizing control	Mauricio-Iglesias M., Montero-Castro I., Mollerup A.L., Sin G.	Journal of Environmental Management	10
1369	2015	Coupling extraction and enzyme catalysis for the removal of anthracene present in polluted soils	Arca-Ramos A., Eibes G., Feijoo G., Lema J.M., Moreira M.T.	Biochemical Engineering Journal	10
1370	2014	Characterization of carbon dioxide capture by glucosamine: Liquid phase speciation and degradation	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Industrial and Engineering Chemistry	10
1371	2013	Carbon footprint analysis of goose barnacle (<i>Pollicipes pollicipes</i>) collection on the Galician coast (NW Spain)	Vazquez-Rowe I., Moreira M.T., Feijoo G.	Fisheries Research	10
1372	2012	Surface tension and refractive index of benzylamine and 1,2-diaminopropane aqueous solutions from T = (283.15 to 323.15) K	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	10
1373	2012	Preparation of metal oxide nanoparticles in ionic liquid medium	Rodriguez-Cabo B., Rodil E., Soto A., Arce A.	Journal of Nanoparticle Research	10
1374	2012	Denitrifying activity via nitrite and N ₂ O production using acetate and swine wastewater	Belmonte M., Vazquez-Padin J.R., Figueroa M., Campos J.L., Mendez R., Vidal G., Mosquera-Corral A.	Process Biochemistry	10
1375	2011	Autopilot abstraction and standardization for seamless integration of unmanned aircraft system applications	Royo P., Pastor E., Barrado C., Santamaria E., Lopez J., Prats X., Lema J.M.	Journal of Aerospace Computing, Information and Communication	10
1376	2011	Biocatalytic generation of Mn(III)-chelate as a chemical oxidant of different environmental contaminants	Taboada-Puig R., Lu-Chau T., Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Biotechnology Progress	10
1377	2009	Ureolytic phosphate precipitation from anaerobic effluents	Desmidt E., Verstraete W., Dick J., Meesschaert B.D., Carballa M.	Water Science and Technology	10
1378	2009	Technical and economic feasibility of gradual concentric chambers reactor for sewage treatment in developing countries	Mendoza L., Carballa M., Sitorus B., Pieters J., Verstraete W.	Electronic Journal of Biotechnology	10
1379	2008	Enzymatic degradation of low soluble compounds in monophasic water: Solvent reactors. Kinetics and modeling of anthracene degradation by MnP	Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Biotechnology and Bioengineering	10
1380	2007	Isobaric vapor-liquid equilibria of 1,1-dimethylethoxy-butane + methanol or ethanol + water at 101.32 kPa	Arce A., Arce Jr. A., Martinez-Ageitos J.M., Soto A.	Fluid Phase Equilibria	10
1381	2002	Systematic analysis of material fluxes at tanneries	Konrad C., Lorber K.E., Mendez R., Lopez J., Munoz M., Hidalgo D., Bornhardt C., Torres M., Rivelca B.	Journal of the Society of Leather Technologists and Chemists	10
1382	2000	Enhancement of plasmid stability and enzymatic expression by immobilising recombinant <i>Saccharomyces cerevisiae</i>	Lu Chau T., Guillan A., Roca E., Nunez M.J., Lema J.M.	Biotechnology Letters	10

1383	2000	Phase equilibria involved in extractive distillation of 2-methoxy-2-methylpropane+methanol using 1-butanol as entrainer	Arce A., Martinez-Ageitos J., Rodil E., Soto A.	Fluid Phase Equilibria	10
1384	1996	Immobilization of <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> on polyurethane foam	Sanroman A., Feijoo G., M.Lema J.	Progress in Biotechnology	10
1385	1996	Oxalic acid extraction as a posttreatment to increase the brightness of kraft pulps bleached by white-rot fungi	Moreira M.T., Feijoo G., Lema J., Field J.A., Sierra-Alvarez R.	Biotechnology Techniques	10
1386	1995	Densities, Refractive Indices, and Excess Molar Volumes of Water + Ethanol + 2-Methoxy-2-methylpropane at 298.15 K	Arce A., Blanco A., Mendoza J., Soto A.	Journal of Chemical and Engineering Data	10
1387	1995	Hydraulic model of a gas-lift bioreactor with flocculating yeast	Roca E., Ghommidh C., Navarro J.M., Lema J.M.	Bioprocess Engineering	10
1388	1995	Studies on the composition of <i>Pinus pinaster</i> foliage	Vazquez G., Antorrena G., Gonzalez J., Freire S.	Bioresource Technology	10
1389	1994	Product inhibition of fermentation of xylose to ethanol by free and immobilized <i>Pichia stipitis</i>	Chamy R., Nunez M.J., Lema J.M.	Enzyme and Microbial Technology	10
1390	1991	Continuous fermentation of d-xylose by immobilized <i>Pichia stipitis</i> comparison between cstr and cptr	Nunez M.J., Chamy R., Dominguez H., Sanroman A., Lema J.M.	Applied Biochemistry and Biotechnology	10
1391	1990	Estimation of the turbulence induced by the Marangoni effect at a gas-liquid interface	Vazquez G., Antorrena G., Navaza J.M.	International chemical engineering	10
1392	2022	Enzymatic cometabolic biotransformation of organic micropollutants in wastewater treatment plants: A review	Kennes-Veiga D.M., Gonzalez-Gil L., Carballa M., Lema J.M.	Bioresource Technology	9
1393	2021	Impact of drying on the sodium alginate obtained after polyphenols ultrasound-assisted extraction from <i>Ascophyllum nodosum</i> seaweeds	Montes L., Gisbert M., Hinojosa I., Sineiro J., Moreira R.	Carbohydrate Polymers	9
1394	2021	In vitro digestibility of gels from different starches: Relationship between kinetic parameters and microstructure	Aleixandre A., Benavent-Gil Y., Moreira R., Rosell C.M.	Food Hydrocolloids	9
1395	2021	Inventory review and environmental evaluation of first- and second-generation sugars through life cycle assessment	Bello S., Salim I., Feijoo G., Moreira M.T.	Environmental Science and Pollution Research	9
1396	2021	Evaluating the carbon footprint of a Spanish city through environmentally extended input output analysis and comparison with life cycle assessment	Rama M., Entrena-Barbero E., Dias A.C., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Science of the Total Environment	9
1397	2021	Could the economic crisis explain the reduction in the carbon footprint of food? Evidence from Spain in the last decade	Esteve-Llorens X., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Science of the Total Environment	9
1398	2020	Iron oxide-mediated photo-Fenton catalysis in the inactivation of enteric bacteria present in wastewater effluents at neutral pH	Fernandez L., Gonzalez-Rodriguez J., Gamallo M., Vargas-Osorio Z., Vazquez-Vazquez C., Pineiro Y., Rivas J., Feijoo G., Moreira M.T.	Environmental Pollution	9
1399	2020	Unraveling the environmental impacts of bioactive compounds and organic amendment from grape marc	Cortes A., Moreira M.T., Dominguez J., Lores M., Feijoo G.	Journal of Environmental Management	9
1400	2020	Recovery of the ionic liquids [C2mim][OAc] or [C2mim][SCN] by distillation from their binary mixtures with methanol or ethanol	Wojtczuk M.K., Caeiro N., Rodriguez H., Rodil E., Soto A.	Separation and Purification Technology	9
1401	2019	Effect of copper and different carbon and nitrogen sources on the decolorization of an industrial dye mixture under solid-state fermentation	Merino A., Eibes G., Hormaza A.	Journal of Cleaner Production	9
1402	2019	Modelling the ex situ bioremediation of diesel-contaminated soil in a slurry bioreactor using a hydrocarbon-degrading inoculant	Balseiro-Romero M., Monterroso C., Kidd P.S., Lu-Chau T.A., Gkorezis P., Vangronsveld J., Casares J.J.	Journal of Environmental Management	9
1403	2019	Potential impact on the recruitment of chemical engineering graduates due to the industrial internship	Feijoo G., Arce A., Bello P., Carballa M., Freire M.S., Garrido J.M., Gomez-Diaz D., Gonzalez-Alvarez J., Gonzalez-Garcia S., Mauricio M., Mendez R., Moreira M.T., Mosquera-Corral A., Navaza J.M., Palacios M.C., Roca E., Rodil E., Rodriguez H., Rodriguez O., Sineiro J., Soto A., Torres M.D., Moreira R.	Education for Chemical Engineers	9
1404	2018	The relevance of supply chain characteristics in GHG emissions: The carbon footprint of Maltese juices	Roibas L., Rodriguez-Garcia S., Valdramidis V.P., Hospido A.	Food Research International	9
1405	2017	Fuel consumption and GHG emissions of forest biomass supply chains in Northern Sweden: a comparison analysis between integrated and conventional supply chains	de la Fuente T., Gonzalez-Garcia S., Athanassiadis D., Nordfjell T.	Scandinavian Journal of Forest Research	9
1406	2017	The use of microencapsulation by spray-drying and its application in meat products	Franco D., Antequera T., de Pinho S.C., Jimenez E., Perez-Palacios T., Fevaro-Trindade C.S., Lorenzo J.M.	Strategies for Obtaining Healthier Foods	9
1407	2016	Ammonia agriculture emissions: From EMEP to a high resolution inventory	Moran M., Ferreira J., Martins H., Monteiro A., Borrego C., Gonzalez J.A.	Atmospheric Pollution Research	9
1408	2016	Review of lignocellulolytic enzyme activity analyses and scale-down to microplate-based assays	Mansour A.A., Da Costa A., Arnaud T., Lu-Chau T.A., Fdz-Polanco M., Moreira M.T., Cacho Rivero J.A.	Talanta	9
1409	2015	CO ₂ chemical absorption in 3-amino-1-propanol aqueous solutions in BC reactor	Bentes J., Garcia-Abuin A., Gomes A.G., Gomez-Diaz D., Navaza J.M., Rumbo A.	Fuel Processing Technology	9
1410	2013	Effect of carbon dioxide chemical absorption on bubble diameter and interfacial area	Lopez A.B., Gomez-Diaz D., La Rubia M.D., Navaza J.M.	Chemical Engineering and Technology	9
1411	2013	Application of System Dynamics technique to simulate the fate of persistent organic pollutants in soils	Chaves R., Lopez D., Macias F., Casares J., Monterroso C.	Chemosphere	9

1412	2012	Evaluation of two operational regimes: Fed-batch and continuous for the removal of pharmaceuticals in a fungal stirred tank reactor	Rodarte-Morales A.I., Feijoo G., Moreira M.T., Lema J.M.	Chemical Engineering Transactions	9
1413	2011	[Wettability study and surface characterization by confocal laser scanning microscopy of rotary-peeled wood veneers, Estudio del mojado y caracterización superficial por microscopía de barrido laser confocal de chapas de madera obtenidas por desenrollo]	Vazquez G., Galinanes C., Freire M.S., Antorrena G., Gonzalez-Alvarez J.	Maderas: Ciencia y Tecnologia	9
1414	2011	Aerobic granulation in a mechanical stirred SBR: Treatment of low organic loads	Mosquera-Corral A., Arrojo B., Figueroa M., Campos J.L., Mendez R.	Water Science and Technology	9
1415	2011	Hydrodynamics of a carbon dioxide/water/silicone oil bubble column	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Vidal-Tato I.	Chemical Engineering Journal	9
1416	2010	Density, speed of sound, surface tension, and electrical conductivity of sodium dodecanoate aqueous solutions from T = (293.15 to 323.15) K	Alvarez-Silva E., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Vidal-Tato I.	Journal of Chemical and Engineering Data	9
1417	2010	Comparison of temperature effects on the salting out of poly(ethylene glycol) versus poly(ethylene oxide)-poly(propylene oxide) random copolymer	Meghna D., Griffin S.T., Spear S.K., Rodriguez H., Rijkssen C., Rogers R.D.	Industrial and Engineering Chemistry Research	9
1418	2010	Fate and removal of pharmaceuticals and personal care products (PPCPs) in a conventional activated sludge treatment process	Suarez S., Omil F., Lema J.M.	WIT Transactions on Ecology and the Environment	9
1419	2009	Regioselective synthesis of monoepoxides from terpenic diolefins over alumina at high temperature and pressure	Uguina M.A., Delgado J.A., Carretero J., Gomez-Diaz D., Rodriguez G.	Industrial and Engineering Chemistry Research	9
1420	2009	Note. Sugar, Moisture Contents, and Color of Chestnuts during Different Storage Regimes	Chenlo F., Moreira R., Chaguri L., Torres M.D.	Food Science and Technology International	9
1421	2007	Is the presence of dicarboxylic acids required in the MnP cycle?. Study of Mn3+ stability by cyclic voltammetry	Lopez C., Garcia-Monteagudo J.C., Moreira M.T., Feijoo G., Lema J.M.	Enzyme and Microbial Technology	9
1422	2007	Rheological behaviour of chestnuts under compression tests	Moreira R., Chenlo F., Abelenda N., Vazquez M.J.	International Journal of Food Science and Technology	9
1423	2005	(Liquid + liquid) equilibrium of (dibutyl ether + methanol + water) at different temperatures	Arce A., Rodriguez H., Rodriguez O., Soto A.	Journal of Chemical Thermodynamics	9
1424	2004	Advanced monitoring and supervision of biological treatment of complex dairy effluents in a full-scale plant	Carrasco E.F., Omil F., Garrido J.M., Arrojo B., Mendez R.	Biotechnology Progress	9
1425	2002	The effect of kaolin particles on the behavior of nitrifying activated sludge units	Campos J.L., Garrido J.M., Mendez R., Lema J.M.	Bioresource Technology	9
1426	1998	Vapor-liquid equilibria at 101.32 kPa of the ternary systems 2-methoxy-2-methylpropane + methanol + water and 2-methoxy-2-methylpropane + ethanol + water	Arce A., Martinez-Ageitos J., Soto A.	Journal of Chemical and Engineering Data	9
1427	1997	Phase equilibria of water + methanol + hexy acetate mixtures	Arce A., Blanco A., Soto A., Vidal I.	Fluid Phase Equilibria	9
1428	1997	Viscosities of solutions of K ₂ SO ₄ , Na ₂ SO ₄ , KCl, NaCl, KNO ₃ , and NaNO ₃ in (K ₂ CO ₃ + KHCO ₃) and (Na ₂ CO ₃ + NaHCO ₃) buffers	Chenlo F., Moreira R., Pereira G., Vazquez M.J.	Journal of Chemical and Engineering Data	9
1429	1995	Continuous ethanolic fermentation by <i>Saccharomyces cerevisiae</i> immobilised in Ca-alginate beads hardened with Al ³⁺	Roca E., Cameselle C., Nunez M.J., Lema J.M.	Biotechnology Techniques	9
1430	1995	Effect of addition of extracellular culture fluid on ligninolytic enzyme formation in <i>Phanerochaete chrysosporium</i>	Feijoo G., Rothschild N., Dosoretz C., Lema J.M.	Journal of Biotechnology	9
1431	1994	Solubility of CO ₂ in Aqueous Solutions of Saccharose, Glucose, Fructose, and Glycerin	Una G.V., Romero F.C., Goncalves G.P., Lorenzo J.P.	Journal of Chemical and Engineering Data	9
1432	1994	Densities, Refractive Indices, and Excess Molar Volumes of Water + Methanol + Hexyl Acetate and Its Binary Submixtures at 298.15 K	Arce A., Blanco A., Perez J.C., Soto A.	Journal of Chemical and Engineering Data	9
1433	1993	[Chlorogenic acid removal during aqueous processing of sunflower kernels, Eliminación de ácido clorogénico durante el procesado acuoso de las almendras de girasol]	Dominguez H., Nunez M.J., Lema J.M.	Grasas y Aceites	9
1434	1989	Analysis and evaluation of a wastewater treatment plant model by stochastic optimization	Casares J.J., Rodriguez J.	Applied Mathematical Modelling	9
1435	2022	Analysing the interaction between the dairy sector and climate change from a life cycle perspective: A review	Guzman-Luna P., Mauricio-Iglesias M., Flysjo A., Hospido A.	Trends in Food Science and Technology	8
1436	2022	Driving commitment to sustainable food policies within the framework of American and European dietary guidelines	Cambeses-Franco C., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Science of the Total Environment	8
1437	2021	Estimation of viscosity and hydrolysis kinetics of corn starch gels based on microstructural features using a simplified model	Santamaria M., Garzon R., Moreira R., Rosell C.M.	Carbohydrate Polymers	8
1438	2021	Eco-efficiency assessment of shrimp aquaculture production in Mexico	Cortes A., Casillas-Hernandez R., Cambeses-Franco C., Borquez-Lopez R., Magallon-Barajas F., Quadros-Seiffert W., Feijoo G., Moreira M.T.	Aquaculture	8
1439	2021	Multi-product strategy to enhance the environmental profile of the canning industry towards circular economy	Cortes A., Esteve-Llorens X., Gonzalez-Garcia S., Moreira M.T., Feijoo G.	Science of the Total Environment	8

1440	2021	Evaluation of starch as an environmental-friendly bioresource for the development of wood bioadhesives	Arias A., Feijoo G., Moreira M.T.	Molecules	8
1441	2021	Heterotrophic enzymatic biotransformations of organic micropollutants in activated sludge	Kennes-Veiga D.M., Vogler B., Fenner K., Carballa M., Lema J.M.	Science of the Total Environment	8
1442	2021	Feeding composition and sludge retention time both affect (co-)metabolic biotransformation of pharmaceutical compounds in activated sludge systems	Gonzalez-Gil L., Fernandez-Fontaina E., Singh R.R., Lema J.M., Carballa M., Aga D.S.	Journal of Environmental Chemical Engineering	8
1443	2021	Screening the environmental sustainability of microbial production of butyric acid produced from lignocellulosic waste streams	Camara-Salim I., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Industrial Crops and Products	8
1444	2021	Resource allocation explains lactic acid production in mixed-culture anaerobic fermentations	Regueira A., Rombouts J.L., Wahl S.A., Mauricio-Iglesias M., Lema J.M., Kleerebezem R.	Biotechnology and Bioengineering	8
1445	2020	Linking organic matter removal and biogas yield in the environmental profile of innovative wastewater treatment technologies	Arias A., Feijoo G., Moreira M.T.	Journal of Cleaner Production	8
1446	2020	Unravelling the environmental and economic impacts of innovative technologies for the enhancement of biogas production and sludge management in wastewater systems	Arias A., Behera C.R., Feijoo G., Sin G., Moreira M.T.	Journal of Environmental Management	8
1447	2020	What is the best scale for implementing anaerobic digestion according to environmental and economic indicators?	Arias A., Feijoo G., Moreira M.T.	Journal of Water Process Engineering	8
1448	2020	Analysis of spatial and temporal variability of the PAR/GHI ratio and PAR modeling based on two satellite estimates	Ferrera-Cobos F., Vindel J.M., Valenzuela R.X., Gonzalez J.A.	Remote Sensing	8
1449	2020	Environmental profile of decentralized wastewater treatment strategies based on membrane technologies	Arias A., Feijoo G., Moreira M.T.	Current Developments in Biotechnology and Bioengineering: Advanced Membrane Separation Processes for Sustainable Water and Wastewater Management - Case Studies and Sustainability Analysis	8
1450	2020	Optimization of the extraction of bioactive compounds from walnut (<i>Juglans major</i> 209 x <i>juglans regia</i>) leaves: Antioxidant capacity and phenolic profile	Fernandez-Agullo A., Castro-Iglesias A., Freire M.S., Gonzalez-Alvarez J.	Antioxidants	8
1451	2019	Looking beyond the banning of lightweight bags: analysing the role of plastic (and fuel) impacts in waste collection at a Portuguese city	Fernandez-Brana A., Feijoo-Costa G., Dias-Ferreira C.	Environmental Science and Pollution Research	8
1452	2019	Cross-country comparison on environmental impacts of particleboard production in Brazil and Spain	Gonzalez-Garcia S., Ferro F.S., Lopes Silva D.A., Feijoo G., Lahr F.A.R., Moreira M.T.	Resources, Conservation and Recycling	8
1453	2019	Phenolic content and antioxidant activity of extracts from <i>bifurcaria bifurcata</i> alga, obtained by diverse extraction conditions using three different techniques (Hydrothermal, ultrasounds and supercritical CO ₂)	Agregan R., Munekata P.E.S., Franco D., Dominguez R., Carballo J., Muchenje V., Barba F.J., Lorenzo J.M.	Environmental Engineering and Management Journal	8
1454	2019	Determination of thermal transitions of gluten-free chestnut flour doughs enriched with brown seaweed powders and antioxidant properties of baked cookies	Arufe S., Sineiro J., Moreira R.	Heliyon	8
1455	2018	Environmental Life Cycle Assessment of industrial pine roundwood production in Brazilian forests	Ferro F.S., Silva D.A.L., Icimoto F.H., Lahr F.A.R., Gonzalez-Garcia S.	Science of the Total Environment	8
1456	2018	Scale-up and economic analysis of the production of ligninolytic enzymes from a side-stream of the organosolv process	Lu-Chau T.A., Martinez-Patino J.C., Gullon B., Garcia-Torreiro M., Moreira M.T., Lema J.M., Eibes G.	Journal of Chemical Technology and Biotechnology	8
1457	2018	A novel enzyme catalysis reactor based on superparamagnetic nanoparticles for biotechnological applications	Moldes-Diz Y., Eibes G., Vazquez-Vazquez C., Fondado A., Mira J., Feijoo G., Lema J.M., Moreira M.T.	Journal of Environmental Chemical Engineering	8
1458	2018	A simplified approach to determine the carbon footprint of a region: Key learning points from a Galician study	Roibas L., Loiseau E., Hospido A.	Journal of Environmental Management	8
1459	2018	Development of a Superparamagnetic Laccase Nanobiocatalyst for the Enzymatic Biotransformation of Xenobiotics	Moldes-Diz Y., Gamallo M., Eibes G., Vargas-Osorio Z., Vazquez-Vazquez C., Feijoo G., Lema J.M., Moreira M.T.	Journal of Environmental Engineering (United States)	8
1460	2018	Air drying modelling of <i>Mastocarpus stellatus</i> seaweed a source of hybrid carrageenan	Arufe S., Torres M.D., Chenlo F., Moreira R.	Heat and Mass Transfer/Waerme- und Stoffuebertragung	8
1461	2016	Comparative life cycle assessment study of three winter wheat production systems in the European union	Cambria D., Vazquez-Rowe I., Gonzalez-Garcia S., Moreira M.T., Feijoo G., Pierangeli D.	Environmental Engineering and Management Journal	8

1462	2016	Sustainable Design of Packaging Materials	Gonzalez-Garcia S., Sanye-Mengual E., Llorach-Masana P., Feijoo G., Gabarrell X., Rieradevall J., Moreira M.T.	Environmental Footprints and Eco-Design of Products and Processes	8
1463	2016	Correlation of three-liquid-phase equilibria involving ionic liquids	Rodriguez-Escontrela I., Arce A., Soto A., Marcilla A., Olaya M.M., Reyes-Labarta J.A.	Physical Chemistry Chemical Physics	8
1464	2015	Surface and upper-Air WRF-CALMET simulations assessment over a coastal and complex terrain area	Gonzalez J.A., Hernandez-Garces A., Rodriguez A., Saavedra S., Casares J.J.	International Journal of Environment and Pollution	8
1465	2013	Greenhouse gas emissions from Spanish motorway transport: Key aspects and mitigation solutions	Perez-Lopez P., Gasol C.M., Oliver-Sola J., Huelin S., Moreira M.T., Feijoo G.	Energy Policy	8
1466	2013	pH variation and influence in an autotrophic nitrogen removing biofilm system using an efficient numerical solution strategy	Vangsgaard A.K., Mauricio-Iglesias M., Valverde-Perez B., Gernaey K.V., Sin G.	Water Science and Technology	8
1467	2013	Activation of kraft lignin by an enzymatic treatment with a versatile peroxidase from Bjerkandera sp. R1	Taboada-Puig R., Lu-Chau T.A., Moreira M.T., Feijoo G., Lema J.M.	Applied Biochemistry and Biotechnology	8
1468	2013	Removal of pharmaceuticals by membrane bioreactor (MBR) technology	Reif R., Omil F., Lema J.M.	Comprehensive Analytical Chemistry	8
1469	2012	Thermophysical properties of the ternary mixture ethanol + n-hexane + n-octane in function of the temperature	Blanco A., Gayol A., Gomez-Diaz D., Navaza J.M.	Physics and Chemistry of Liquids	8
1470	2012	Use of organic byproducts as binders in the roll compaction of caustic magnesite	Garcia-Trinanes P., Morgeneuer M., Casares J.J., Bao M.	Powder Technology	8
1471	2012	Trends of rural tropospheric ozone at the Northwest of the Iberian Peninsula	Saavedra S., Rodriguez A., Souto J.A., Casares J.J., Bermudez J.L., Soto B.	The Scientific World Journal	8
1472	2012	Use of biopolymers as solid substrates for denitrification	Rodriguez A.L., Mosquera-Corral A., Machado A.V., Moura I., Matos M.I., Brito A.G., Nogueira R.	Water Science and Technology	8
1473	2011	Kinetic modelling of the sequential production of lactic acid and xylitol from vine trimming wastes	Garcia-Dieguez C., Salgado J.M., Roca E., Dominguez J.M.	Bioprocess and Biosystems Engineering	8
1474	2011	[Carcass quality of galician mountain foals, Calidad de la canal del potro gallego de monte]	Franco D., Fernandez M., Temperan S., Garcia L., Lorenzo J.M.	Archivos de Zootecnia	8
1475	2008	Integration of equalisation tanks within control strategies for anaerobic reactors. Validation based on ADM1 simulations	Alferes J., Garcia-Heras J.L., Roca E., Garcia C., Irizar I.	Water Science and Technology	8
1476	2007	Enhanced start-up of upflow anaerobic filters by pulsation	Franco A., Roca E., Lema J.M.	Journal of Environmental Engineering	8
1477	2005	Isobaric vapor-liquid equilibria for systems composed by 2-ethoxy-2-methylbutane, methanol or ethanol and water at 101.32 kPa	Arce A., Arce Jr. A., Rodil E., Soto A.	Fluid Phase Equilibria	8
1478	2003	[Combination of an anaerobe filter with a system for the treatment of waters generated in a laboratory for the analysis of dairy products, Combinación de un filtro anaerobio y un sistema SBR para el tratamiento de las aguas generadas en un laboratorio de análisis de productos lácteos]	Arrojo B., Omil F., Garrido J.M., Mendez R.	Afinidad	8
1479	2003	A membrane assisted hybrid bioreactor for the post treatment of an anaerobic effluent from a fish canning factory	Oyanedel V., Garrido J.M., Lema J.M., Mendez R.	Water Science and Technology	8
1480	2002	Evaluation of the environmental conditions for the continuous production of lignin peroxidase by Phanerochaete Chrysosporium in fixed-bed bioreactors	Couto S.R., Feijoo G., Moreira M.T., Lema J.M.	Biotechnology Letters	8
1481	1999	Physical properties of the ternary system 1-butanol+methanol+2-methoxy-2-methylpropane at 298.15 K: Measurement and prediction	Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	8
1482	1999	Fuzzy logic control for the isomerized hop pellets production	Alvarez E., Cancela M.A., Correa J.M., Navaza J.M., Riverol C.	Journal of Food Engineering	8
1483	1998	Multi-fed upflow anaerobic filter: Development and features	Punal A., Mendez R., Lema J.M.	Journal of Environmental Engineering	8
1484	1997	Acute toxicity of hardboard mill effluents to different bioindicators	Leal H.E., Rocha H.A., Lema J.M.	Environmental Toxicology and Water Quality	8
1485	1995	Hydrolysis of microcrystalline cellulose by cellulolytic complex of Trichoderma reesei in low-moisture media	Sineiro J., Dominguez H., Nunez M.J., Lema J.M.	Enzyme and Microbial Technology	8
1486	1994	Effective interfacial area in the presence of induced turbulence	Vazquez G., Antorrena G., Navaza J.M., Santos V.	International chemical engineering	8
1487	1989	Determination of thermal conductivity, specific heat and thermal diffusivity of albacore (Thunnus alalunga)	Perez-Martin R.I., Gallardo J.M., Banga J.R., Casares J.	Zeitschrift für Lebensmittel-Untersuchung und -Forschung	8
1488	1987	Vapor-Liquid Equilibrium of the System Ethanol + Benzene + Cyclohexane at 760 mmHg	Arce A., Blanco A., Tojo J.	Journal of Chemical and Engineering Data	8
1489	2022	Evaluation of the environmental sustainability of the inshore great scallop (Pecten maximus) fishery in Galicia	Cortes A., Gonzalez-Garcia S., Franco-Uria A., Moreira M.T., Feijoo G.	Journal of Industrial Ecology	7
1490	2022	Environmental comparison of banana waste valorisation strategies under a biorefinery approach	Santiago B., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Waste Management	7

1491	2022	Tannin-based bio-adhesives for the wood panel industry as sustainable alternatives to petrochemical resins	Arias A., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Journal of Industrial Ecology	7
1492	2022	Achieving Sustainability of the Seafood Sector in the European Atlantic Area by Addressing Eco-Social Challenges: The NEPTUNUS Project	Laso J., Ruiz-Salmon I., Margallo M., Villanueva-Rey P., Poceiro L., Quinteiro P., Dias A.C., Almeida C., Marques A., Entrena-Barbero E., Moreira M.T., Feijoo G., Loubet P., Sonnemann G., Cooney R., Clifford E., Regueiro L., de Sousa D.A.B., Jacob C., Noirot C., Martin J.-C., Raffray M., Rowan N., Mellett S., Aldaco R.	Sustainability (Switzerland)	7
1493	2021	Exploiting the potential of supported magnetic nanomaterials as fenton-like catalysts for environmental applications	Gonzalez-Rodriguez J., Gamallo M., Conde J.J., Vargas-Osorio Z., Vazquez-Vazquez C., Pineiro Y., Rivas J., Feijoo G., Moreira M.T.	Nanomaterials	7
1494	2021	Is the Paleo diet safe for health and the environment?	Cambeses-Franco C., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Science of the Total Environment	7
1495	2021	Proteomic advances in cereal and vegetable crops	Agregan R., Echegaray N., Lopez-Pedrouso M., Aadil R.M., Hano C., Franco D., Lorenzo J.M.	Molecules	7
1496	2021	Integrated Biocatalytic Platform Based on Aqueous Biphasic Systems for the Sustainable Oligomerization of Rutin	Muniz-Mouro A., Ferreira A.M., Coutinho J.A.P., Freire M.G., Tavares A.P.M., Gullon P., Gonzalez-Garcia S., Eibes G.	ACS Sustainable Chemistry and Engineering	7
1497	2021	Bacterial inactivation, photoreactivation and dark repair post flow-through pulsed UV disinfection	Fitzhenry K., Clifford E., Rowan N., Val del Rio A.	Journal of Water Process Engineering	7
1498	2021	Environmental consequences of wheat-based crop rotation in potato farming systems in galicia, Spain	Camara-Salim I., Almeida-Garcia F., Feijoo G., Moreira M.T., Gonzalez-Garcia S.	Journal of Environmental Management	7
1499	2021	Designing a functional rice muffin formulated with prebiotic oligosaccharides and sugar reduction	Amorim C., Cardoso B.B., Silverio S.C., Silva J.C., Alves J.I., Pereira M.A., Moreira R., Rodrigues L.R.	Food Bioscience	7
1500	2021	Early-stage sustainability assessment of enzyme production in the framework of lignocellulosic biorefinery	Bello S., Perez N., Kiebish J., Scheibner K., Sanchez Ruiz M.I., Serrano A., Martinez A.T., Feijoo G., Moreira M.T.	Journal of Cleaner Production	7
1501	2021	Kinetic and stoichiometric model for the computer-aided design of protein fermentation into volatile fatty acids	Regueira A., Bevilacqua R., Mauricio-Iglesias M., Carballa M., Lema J.M.	Chemical Engineering Journal	7
1502	2021	Reusable Fe ₃ O ₄ /SBA15 nanocomposite as an efficient photo-fenton catalyst for the removal of sulfamethoxazole and orange II	Gonzalez-Rodriguez J., Fernandez L., Vargas-Osorio Z., Vazquez-Vazquez C., Pineiro Y., Rivas J., Feijoo G., Moreira M.T.	Nanomaterials	7
1503	2020	Energy requirements and economics of acetone-butanol-ethanol (ABE) extractive fermentation: a solvent-based comparative assessment	Gonzalez-Penas H., Lu-Chau T.A., Eibes G., Lema J.M.	Bioprocess and Biosystems Engineering	7
1504	2020	Separation of Linalool from Limonene via Extractive Distillation with 1-Butyl-3-methylimidazolium Acetate as Entrainer	Ganem F., Mattedi S., Rodil E., Soto A.	Industrial and Engineering Chemistry Research	7
1505	2020	Evaluating the Portuguese diet in the pursuit of a lower carbon and healthier consumption pattern	Esteve-Llorens X., Dias A.C., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Climatic Change	7
1506	2020	Digested blackwater treatment in a partial nitrification-anammox reactor under repeated starvation and reactivation periods	Pedrouso A., Tocco G., Val del Rio A., Carucci A., Morales N., Campos J.L., Milia S., Mosquera-Corral A.	Journal of Cleaner Production	7
1507	2020	Nano-based technologies for environmental soil remediation	Gamallo M., Fernandez L., Feijoo G., Moreira M.T.	Nanomaterials for Sustainable Energy and Environmental Remediation	7
1508	2019	High-Yield Synthesis of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Copolymers in a Mixed Microbial Culture: Effect of Substrate Switching and F/M Ratio	Palmeiro-Sanchez T., Val Del Rio A., Fra-Vazquez A., Luis Campos J., Mosquera-Corral A.	Industrial and Engineering Chemistry Research	7
1509	2019	Oxidation of flame retardant tetrabromobisphenol A by a biocatalytic nanofiber of chloroperoxidase	Garcia-Zamora J.L., Santacruz-Vazquez V., Valera-Perez M.A., Moreira M.T., Cardenas-Chavez D.L., Tapia-Salazar M., Torres E.	International Journal of Environmental Research and Public Health	7
1510	2019	Horsemeat: Increasing Quality and Nutritional Value	Lorenzo J.M., Maggolino A., Sarries M.V., Polidori P., Franco D., Lanza M., De Palo P.	More than Beef, Pork and Chicken - The Production, Processing, and Quality Traits of Other Sources of Meat for Human Diet	7
1511	2019	Development of a novel magnetic reactor based on nanostructured Fe ₃ O ₄ @PAA as heterogenous fenton catalyst	Gamallo M., Fernandez L., Vazquez-Vazquez C., Fondado A., Mira J., Feijoo G., Moreira M.T.	Catalysts	7
1512	2018	Influence of organic co-solvents upon carbon dioxide chemical absorption	Gomez-Diaz D., Lopez M., Navaza J.M., Villarquide L.	Journal of the Taiwan Institute of Chemical Engineers	7
1513	2018	Carbon dioxide chemical absorption by solvents based on diamine and amines blend	Cachaza A., Gomez-Diaz D., Montans A., Navaza J.M., Rumbo A.	AIChE Journal	7
1514	2017	Increasing the Greenness of Lignocellulosic Biomass Biorefining Processes by Means of Biocompatible Separation Strategies	Xavier L., Deive F.J., Sanroman M.A., Rodriguez A., Freire M.S., Gonzalez-Alvarez J., Gortares-Moroyoqui P., Ruiz-Cruz S., Ulloa R.G.	ACS Sustainable Chemistry and Engineering	7
1515	2017	Recovery of Phenolic Compounds from Eucalyptus globulus Wood Wastes using PEG/phosphate Aqueous Two-Phase Systems	Xavier L., Freire M.S., Vidal-Tato I., Gonzalez-Alvarez J.	Waste and Biomass Valorization	7
1516	2017	Biogenic amines in fermented meat products	Lorenzo J.M., Franco D., Carballo J.	Fermented Meat Products: Health Aspects	7
1517	2015	Optimizing upflow velocity and calcium precipitation in denitrifying granular systems	Val Del Rio A., Buys B., Campos J.L., Mendez R., Mosquera-Corral A.	Process Biochemistry	7

1518	2015	State Estimation in Fermentation of Lignocellulosic Ethanol. Focus on the Use of pH Measurements	Mauricio-Iglesias M., Gernaey K.V., Huusom J.K.	Computer Aided Chemical Engineering	7
1519	2015	Characterization of MIPA and DIPA aqueous solutions in relation to absorption, speciation and degradation	Lopez A.B., La Rubia M.D., Navaza J.M., Pacheco R., Gomez-Diaz D.	Journal of Industrial and Engineering Chemistry	7
1520	2014	Pressure control in distillation columns: A model-based analysis	Mauricio-Iglesias M., Bisgaard T., Kristensen H., Gernaey K.V., Abildskov J., Huusom J.K.	Industrial and Engineering Chemistry Research	7
1521	2013	Curing kinetics of diglycidyl ether of bisphenol-A (n = 0) using an iron-containing porphyrin as cross-linking agent	Vazquez E.C., Fraga F., Martinez-Ageitos J.M., Tato J.V.	Journal of Applied Polymer Science	7
1522	2013	Coupling WRF and CALMET Models: Validation During Primary Pollutants glc Episodes in an Atlantic Coastal Region	Hernandez A., Saavedra S., Rodriguez A., Souto J.A., Casares J.J.	NATO Science for Peace and Security Series C: Environmental Security	7
1523	2013	Static structure, microscopic dynamics and electronic properties of the liquid Bi-Li alloy. An ab initio molecular dynamics study	Souto J., Alemany M.M.G., Gallego L.J., Gonzalez L.E., Gonzalez D.J.	Modelling and Simulation in Materials Science and Engineering	7
1524	2013	Effects of the cycle distribution on the performance of SBRs with aerobic granular biomass	Val Del Rio A., Morales N., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	Environmental Technology (United Kingdom)	7
1525	2013	Refractive indices, excess molar volumes and isentropic compressibilities of the mixture of ethanol + n-hexane + n-nonane in function of the temperature	Blanco A., Gayol A., Gomez D., Navaza J.M.	Physics and Chemistry of Liquids	7
1526	2012	A mixed top-down and bottom-up methodology in spatial segregation of emissions based on GIS tools	Dios M., Souto J.A., Casares J.J., Gallego N., Saez A., Macho M.L., Cartelle D., Vellon J.M.	WIT Transactions on Ecology and the Environment	7
1527	2011	Application of biofilm reactors to improve ammonia oxidation in low nitrogen loaded wastewater	Seca I., Torres R., Val Del Rio A., Mosquera-Corral A., Campos J.L., Mendez R.	Water Science and Technology	7
1528	2009	Mixing properties of tris(2-hydroxyethyl)methylammonium methylsulfate, water, and methanol at 298.15 K. Data treatment using several correlation equations	Arce A., Soto A., Ortega J., Sabater G.	Journal of Chemical Thermodynamics	7
1529	2008	Influence of mixing and temperature on the rheological properties of carboxymethyl cellulose/ κ -carrageenan mixtures	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.C.	European Food Research and Technology	7
1530	2008	Treatment of low and medium strength sewage in a lab-scale gradual concentric chambers (GCC) reactor	Mendoza L., Carballa M., Zhang L., Verstraete W.	Water Science and Technology	7
1531	2007	Effects on quality attributes of commercial veal pieces under different ageing treatments	Moreno T., Perez N., Oliete B., Carballo J.A., Franco D., Monserrat L.	International Journal of Food Science and Technology	7
1532	2006	Applicability of NIR spectroscopy to determine oil and other physicochemical parameters in Rosa mosqueta and Chilean hazelnut	Franco D., Nunez M.J., Pinelo M., Sineiro J.	European Food Research and Technology	7
1533	2005	Conductivity of sodium bis(2-ethylhexyl)sulfosuccinate + isooctane + water microemulsions containing phase-transfer catalysts. 3	Dasilva-Carvalho J., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	7
1534	2003	Effect of composition and temperature upon density, viscosity, surface tension, and refractive index of 2,2,4-trimethylpentane + cyclohexane + decane ternary liquid systems	Gomez-Diaz D., Mejuto J.C., Navaza J.M., Rodriguez-Alvarez A.	Journal of Chemical and Engineering Data	7
1535	2003	Tannery wastewater treatment: Comparison between SBR and MSBR	Martinez J.M., Goitara A., Mendez R.	Water Science and Technology: Water Supply	7
1536	2003	A novel titrimetric method for monitoring toxicity on nitrifying biofilms	Artiga P., Oyanedel V., Garrido J.M., Mendez R.	Water Science and Technology	7
1537	2002	The ternary system propyl propanoate+hexane+chlorobenzene at 298.15 K excess molar enthalpies	Freire S., Segade L., Garcia-Garabal S., Jimenez de Llano J., Dominguez M., Jimenez E.	Journal of Thermal Analysis and Calorimetry	7
1538	2000	Conductivity of sodium bis(2-ethylhexyl)sulfosuccinate/isooctane/water microemulsions containing phase-transfer catalysts	Alvarez E., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C., Navaza J.M., Perez-Juste J.	Journal of Chemical and Engineering Data	7
1539	1998	Use of physical properties for compositional analysis of ternary mixtures. Application to mixtures of 2-methoxy-2-methylbutane, methanol, and 2,2,4-trimethylpentane or methylcyclohexane	Arce A., Blanco M., Rodil E., Soto A., Vieitez J.A.	Journal of Solution Chemistry	7
1540	1997	Prediction of the acidity of effluent from fluegas scrubbers using seawater	Baalina A., Rodriguez E., Santaballa J.A., Arce A.	Environmental Technology (United Kingdom)	7
1541	1995	[Aqueous processing of soya beans with enzymatic technology: Oil extraction and production of isolates, Procesado acuoso de soja con tecnología enzimática: Extracción de aceite y producción de aislados]	Dominguez H., Nunez M.J., Lema J.M.	Grasas y Aceites	7
1542	1988	Liquid-liquid equilibria of the system water + acetic acid + methyl propyl ketone	Bianco A., Correa J.M., Arce A., Correa A.	The Canadian Journal of Chemical Engineering	7

1543	2022	Environmental synergies in decentralized wastewater treatment at a hotel resort	Estevez S., Feijoo G., Moreira M.T.	Journal of Environmental Management	6
1544	2022	Oil recovery tests with ionic liquids: A review and evaluation of 1-decyl-3-methylimidazolium triflate	Somoza A., Arce A., Soto A.	Petroleum Science	6
1545	2022	Environmental footprint of critical agro-export products in the Peruvian hyper-arid coast: A case study for green asparagus and avocado	Esteve-Llorens X., Ita-Nagy D., Parodi E., Gonzalez-Garcia S., Moreira M.T., Feijoo G., Vazquez-Rowe I.	Science of the Total Environment	6
1546	2022	How decentralized treatment can contribute to the symbiosis between environmental protection and resource recovery	Estevez S., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Science of the Total Environment	6
1547	2021	Revealing the dissimilar structure of microbial communities in different WWTPs that treat fish-canning wastewater with different NaCl content	Correa-Galeote D., Roibas-Rozas A., Mosquera-Corral A., Juarez-Jimenez B., Gonzalez-Lopez J., Rodelas B.	Journal of Water Process Engineering	6
1548	2021	Process and environmental simulation in the validation of the biotechnological production of nisin from waste	Arias A., Feijoo G., Moreira M.T.	Biochemical Engineering Journal	6
1549	2021	Validation of a quantitative image analysis methodology for the assessment of the morphology and structure of aerobic granular sludge in the presence of pharmaceutically active compounds	Leal C., Val del Rio A., Ferreira E.C., Mesquita D., Amaral A.L.	Environmental Technology and Innovation	6
1550	2021	Salinity is the major driver of the global eukaryotic community structure in fish-canning wastewater treatment plants	Correa-Galeote D., Roibas A., Mosquera-Corral A., Juarez-Jimenez B., Gonzalez-Lopez J., Rodelas B.	Journal of Environmental Management	6
1551	2021	Defining a procedure to identify key sustainability indicators in Spanish urban systems: Development and application	Rama M., Andrade E., Moreira M.T., Feijoo G., Gonzalez-Garcia S.	Sustainable Cities and Society	6
1552	2021	The use of maize stover and sugar beet pulp as feedstocks in industrial fermentation plants – An economic and environmental perspective	Camara-Salim I., Conde P., Feijoo G., Moreira M.T.	Cleaner Environmental Systems	6
1553	2021	Eco-efficiency of a marine biorefinery for valorization of cartilaginous fish biomass	Garcia-Santiago X., Franco-Uria A., Antelo L.T., Vazquez J.A., Perez-Martin R., Moreira M.T., Feijoo G.	Journal of Industrial Ecology	6
1554	2021	Is the ammonia stripping pre-treatment suitable for the nitrogen removal via partial nitrification-anammox of OFMSW digestate?	Pichel A., Fra A., Morales N., Campos J.L., Mendez R., Mosquera-Corral A., Val del Rio A.	Journal of Hazardous Materials	6
1555	2020	“Who Cares?”: The Acceptance of Decentralized Wastewater Systems in Regions without Water Problems	Gomez-Roman C., Lima L., Vila-Tojo S., Correa-Chica A., Lema J., Sabucedo J.-M.	International Journal of Environmental Research and Public Health	6
1556	2020	Valorization of horse chestnut burs to produce simultaneously valuable compounds under a green integrated biorefinery approach	Gullon P., Gullon B., Muniz-Mouro A., Lu-Chau T.A., Eibes G.	Science of the Total Environment	6
1557	2020	Altered Clostridia response in extractive ABE fermentation with solvents of different nature	Gonzalez-Penas H., Eibes G., Lu-Chau T.A., Moreira M.T., Lema J.M.	Biochemical Engineering Journal	6
1558	2020	Phase equilibrium for polymer/ionic liquid aqueous two-phase systems	Jimenez Y.P., Freijeiro C.R., Soto A., Rodriguez O.	Fluid Phase Equilibria	6
1559	2020	Influence of production system and finishing feeding on meat quality of rubia gallega calves	Rodriguez-Vazquez R., Pateiro M., Lopez-Pedrouso M., Gende A., Crecente S., Serrano M.P., Gonzalez J., Lorenzo J.M., Zapata C., Franco D.	Spanish Journal of Agricultural Research	6
1560	2020	A new decentralized biological treatment process based on activated carbon targeting organic micropollutant removal from hospital wastewaters	Alvarino T., Garcia-Sanda E., Gutierrez-Prada I., Lema J., Omil F., Suarez S.	Environmental Science and Pollution Research	6
1561	2019	Carbon dioxide chemical absorption in non-aqueous solvents by the presence of water	Brea U., Gomez-Diaz D., Navaza J.M., Rumbo A.	Journal of the Taiwan Institute of Chemical Engineers	6
1562	2019	An optimised control system to steer the transition from anaerobic mono- to co-digestion in full-scale plants	Taboada-Santos A., Carballa M., Morales N., Vazquez-Padin J.R., Gutierrez R., Lema J.M.	Environmental Science: Water Research and Technology	6
1563	2019	Chemometric characterization of the trace element profile of raw meat from Rubia Gallega x Holstein Friesian calves from an intensive system	Galvez F., Lopez-Alonso M., Herrero-Latorre C., Miranda M., Franco D., Lorenzo J.M.	Meat Science	6
1564	2019	Carcass Characteristics, Meat Quality and Nutritional Profile of Pheasant, Quail and Guinea Fowl	Lopez-Pedrouso M., Cantalapiedra J., Muneakata P.E.S., Barba F.J., Lorenzo J.M., Franco D.	More than Beef, Pork and Chicken - The Production, Processing, and Quality Traits of Other Sources of Meat for Human Diet	6
1565	2019	Bio-compounds production from agri-food wastes under a biorefinery approach: Exploring environmental and social sustainability	Gonzalez-Garcia S., Gullon P., Gullon B.	Environmental Footprints and Eco-Design of Products and Processes	6
1566	2018	Density, Speed of Sound, Viscosity, and Surface Tension of Hexamethylenetetramine Aqueous Solutions from T = (293.15 to 323.15) K	Gomez-Diaz D., Navaza J.M., Rumbo A.	Journal of Chemical and Engineering Data	6
1567	2018	Polyethylene glycol (1500 or 600) – potassium tartrate aqueous two-phase systems	Gonzalez-Amado M., Rodil E., Arce A., Soto A., Rodriguez O.	Fluid Phase Equilibria	6
1568	2018	On the feasibility and interest of applying territorial Life Cycle Assessment to determine subnational normalisation factors	Roibas L., Loiseau E., Hospido A.	Science of the Total Environment	6
1569	2018	Viscoelastic and textural characteristics of gels obtained from potato starch roasted under several temperature-time conditions	Torres M.D., Chenlo F., Moreira R.	International Journal of Polymer Science	6

1570	2018	Prediction of foal carcass composition and wholesale cut yields by using video image analysis	Lorenzo J.M., Guedes C.M., Agregan R., Sarries M.V., Franco D., Silva S.R.	Animal	6
1571	2017	Effects of inoculum type and aeration flowrate on the performance of aerobic granular sbrs	Jungles M.K., del Rio A.V., Mosquera-Corral A., Campos J.L., Mendez R., Costa R.H.R.	Processes	6
1572	2017	Application of flow cytometry for monitoring the production of poly(3-hydroxybutyrate) by Halomonas boliviensis	Garcia-Torreiro M., Lopez-Abelairas M., Lu-Chau T.A., Lema J.M.	Biotechnology Progress	6
1573	2016	Towards sustainable systems configurations: Application to an existing fish and seafood canning industry	Taboada Gomez M.C., Magan Iglesias A., Torres Lopez R., Bello Bugallo P.M.	Journal of Cleaner Production	6
1574	2015	UV protection effects of phenolic extracts from chestnut fruit and forest industries residues	Galinanes C., Freire M.S., Gonzalez-Alvarez J.	European Journal of Wood and Wood Products	6
1575	2015	Strategies to minimize the release of endotoxins in effluents from sewage treatment plants	Barcon T., Alvarino T., Gomez M., Omil F.	Environmental Progress and Sustainable Energy	6
1576	2015	Membrane reactors for bioethanol production and processing	Hai F.I., Fattah K.P., Saroj D.P., Moreira M.T.	Membrane Reactors for Energy Applications and Basic Chemical Production	6
1577	2014	Optimization of Improvable Flows by combining BAT Analysis and process simulation	Cristobal Andrade L., Bernal Pampin M.A., Taboada Gomez M.C., Bello Bugallo P.M.	Chemical Engineering Research and Design	6
1578	2014	Application of ecodesign methodology in SMEs run according to lean management: The case of a furniture publishing company	Gonzalez-Garcia S., Salinas-Mafias L., Garria-Lozano R., Gabarrell X., Rieradevall J., Feijoo G., Moreira M.T.	Environmental Engineering and Management Journal	6
1579	2014	Simulation of plume dispersion using different stack configurations and meteorological inputs	Souto J.A., Moral C., Rodriguez A., Saavedra S., Casares J.J., Hernandez-Garces A.	International Journal of Environment and Pollution	6
1580	2013	Hydrodynamic and absorption studies of carbon dioxide absorption in aqueous amide solutions using a bubble column contactor	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Brazilian Journal of Chemical Engineering	6
1581	2013	Oxygen absorption in polymer+surfactant aqueous solutions	Garcia-Abuin A., Gomez-Diaz D., Losada M., Navaza J.M.	Chemical Engineering Journal	6
1582	2013	Temperature dependence of thermophysical properties of ethanol + n-hexane + n-heptane	Blanco A., Gayol A., Gomez D., Navaza J.M.	Physics and Chemistry of Liquids	6
1583	2013	Sustainability of port activities within the framework of the fisheries sector: Port of Vigo (NW Spain)	Lopes C., Antelo L.T., Franco-Uria A., Botana C., Alonso A.A.	Ecological Indicators	6
1584	2013	H15-313: Evaluation of the PRESAXIO air quality forecasting system: PBL schemes WRF comparison and air quality modeling validation	Souto J.A., Saavedra S., Rodriguez A., Dios M., Cartelle D., Vellon J.M.	Proceedings of the 15th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, HARMO 2013	6
1585	2012	Density, speed of sound, and viscosity of n -methyl-2-pyrrolidone + ethanolamine + water from T = (293.15 to 323.15) K	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	6
1586	2011	Evaluation of deammonification process by response surface models	Fernandez I., Plaza E., Trela J., Hultman B., Mendez R.	Water, Air, and Soil Pollution	6
1587	2009	Carbon dioxide absorption to rheologically complex liquid phases	Gomez-Diaz D., Navaza J.M.	Chemical Engineering Journal	6
1588	2009	Quantification of eutrophic aerial compounds in Galicia (NW Spain): Part 1 - NH3 inventory	Gallego A., Hospido A., Moreira M.T., Feijoo G.	Atmosfera	6
1589	2009	Comparative study between a hybrid system and a biofilm system for the treatment of ammonia and organic matter in wastewaters	Oyanedel-Craver V., Lazarova V., Garrido J.M., Mendez R.	Journal of Environmental Engineering	6
1590	2009	Population dynamics of nitrite oxidizers in nitrifying granules	Vazquez-Padin J.R., Figueroa M., Mosquera-Corral A., Campos J.L., Mendez R.	Water Science and Technology	6
1591	2007	Physical properties of (propyl propanoate + hexane + toluene) at 298.15 K	Freire S., Segade L., Cabeza O., Jimenez E.	Journal of Chemical Thermodynamics	6
1592	2006	[Membrane bioreactor: An advanced technology for the treatment and reuse of waste waters, Biorreactores de membrana: Una tecnología avanzada para la depuración y reutilización de aguas residuales]	Artiga Acuna P., Garcia-Toriello Romero G., Garrido Fernandez J.M., Mendez Pampin R.	Tecnologia del Agua	6
1593	2005	Anaerobic digestion process parameter identification and marginal confidence intervals by multivariate steady state analysis and bootstrap	Ruiz G., Castellano M., Gonzalez W., Roca E., Lema J.M.	Computer Aided Chemical Engineering	6
1594	2005	Viscosimetric study of aqueous solutions of glucosamine and its mixtures with glucose	Gomez-Diaz D., Navaza J.M.	Journal of Food Engineering	6
1595	2002	Influence of pulsation on start-up of UASB reactors.	Franco A., Gresia G., Roca E., Rozzi A., Lema J.M.	Water science and technology : a journal of the International Association on Water Pollution Research	6
1596	2002	Preliminary studies on TCF bleaching of Pinus pinaster acetosolv pulps	Vazquez G., Gonzalez-Alvarez J., Rodriguez E.M., Freire S., Antorrena G.	Bioresource Technology	6

1597	2001	Thermophysical properties for 1-butanol+ethanol+2-methoxy-2-methylbutane ternary system	Arce A., Martinez-Ageitos J., Rodil E., Soto A.	Fluid Phase Equilibria	6
1598	2000	Experimental analysis of a mechanically stirred spouted bed dryer	Reyes A., Vidal I.	Drying Technology	6
1599	1998	[Influence of the enzymatic treatment on the quality of vegetable oils, Influencia del tratamiento enzimático en la calidad de aceites vegetales]	Sineiro J., Dominguez H., Nunez M.J.	Grasas y Aceites	6
1600	1997	[Development of sulphidogenic biomass during the anaerobic treatment of water with high content in sulphate in granular sludge anaerobe reactors, Desarrollo de biomasa sulfurogénica durante el tratamiento anaerobio de aguas con alto contenido en sulfato en reactores anaerobios de lodos granulares]	Omil F., Visser A., Hulshoff Pol L.W., Lettinga G.	Afinidad	6
1601	1997	[Viscosity of Fe ₂ (SO ₄) ₃ , Fe ₂ (SO ₄) ₃ -Na ₂ SO ₄ and Fe ₂ (SO ₄) ₃ -NaCl solutions at different concentrations and temperatures, Viscosidad de disoluciones acuosas de Fe ₂ (SO ₄) ₃ , Fe ₂ (SO ₄) ₃ -Na ₂ SO ₄ y Fe ₂ (SO ₄) ₃ -NaCl a diferentes concentraciones y temperaturas]	Chenlo F., Moreira R., Pereira G., Vazquez Ma.J.	Afinidad	6
1602	1994	A double-feed anaerobic filter for the treatment of high strength wastewaters	Veiga M.C., Pan M., Blazquez R., Mendez R., Lema J.M.	Biotechnology Techniques	6
1603	1994	Meteorological and atmospheric diffusion modelling for air pollution forecasting	Souto J.A., Perez-Munuzuri V., Ludwig F.L., Casares J.J.	Computer techniques in environmental studies V. Vol. I: pollution modeling	6
1604	1990	Design and operation of anaerobic digesters using multi-objective optimization criteria	Videla S., Chamy R., Navarrete E., Lema J.M.	Journal of Chemical Technology & Biotechnology	6
1605	2022	Sustainable non-isocyanate polyurethanes bio-adhesives for engineered wood panels are revealed as promising candidates to move from formaldehyde-based alternatives	Arias A., Entrena-Barbero E., Feijoo G., Moreira M.T.	Journal of Environmental Chemical Engineering	5
1606	2022	Environmental assessment of the production of itaconic acid from wheat straw under a biorefinery approach	Rebolledo-Leiva R., Moreira M.T., Gonzalez-Garcia S.	Bioresource Technology	5
1607	2022	A customizable 3D printed device for enzymatic removal of drugs in water	Xu X., Pose-Boirazian T., Eibes G., McCoubrey L.E., Martinez-Costas J., Gaisford S., Goyanes A., Basit A.W.	Water Research	5
1608	2021	Chemical and thermal stabilization of CotA laccase via a novel one-step expression and immobilization in muNS-Mi nanospheres	Pose-Boirazian T., Eibes G., Barreiro-Pineiro N., Diaz-Jullien C., Lema J.M., Martinez-Costas J.	Scientific Reports	5
1609	2021	Buffalo milk as a source of probiotic functional products	Vargas-Ramella M., Pateiro M., Maggolino A., Faccia M., Franco D., De Palo P., Lorenzo J.M.	Microorganisms	5
1610	2021	Aqueous extracts characteristics obtained by ultrasound-assisted extraction from Ascophyllum nodosum seaweeds: effect of operation conditions	Gisbert M., Barcala M., Rosell C.M., Sineiro J., Moreira R.	Journal of Applied Phycology	5
1611	2021	Wastewater valorization: Practice around the world at pilot- and full-scale	Duque A.F., Campo R., Rio A.V., Amorim C.L.	International Journal of Environmental Research and Public Health	5
1612	2021	Strategies for the valorisation of a protein-rich saline waste stream into polyhydroxyalkanoates (PHA)	Roibas-Rozas A., Val del Rio A., Hospido A., Mosquera-Corral A.	Bioresource Technology	5
1613	2021	Assessment of an aerobic granular sludge system in the presence of pharmaceutically active compounds by quantitative image analysis and chemometric techniques	Leal C.S., Lopes M., Val del Rio A., Quintelas C., Castro P.M.L., Ferreira E.C., Amaral A.L., Mesquita D.P.	Journal of Environmental Management	5
1614	2021	Environmental assessment of menus for toddlers serviced at nursery canteen following the Atlantic diet recommendations	Gonzalez-Garcia S., Esteve-Llorens X., Gonzalez-Garcia R., Gonzalez L., Feijoo G., Moreira M.T., Leis R.	Science of the Total Environment	5
1615	2021	Tetrabutylphosphonium acetate and its eutectic mixtures with common-cation halides as solvents for carbon dioxide capture	Pena C.A., Soto A., Rodriguez H.	Chemical Engineering Journal	5
1616	2021	Microbial inefficient substrate use through the perspective of resource allocation models	Regueira A., Lema J.M., Mauricio-Iglesias M.	Current Opinion in Biotechnology	5
1617	2020	Antioxidant and antimicrobial activity of porcine liver hydrolysates using flavourzyme	Borrajó P., Lopez-Pedrouso M., Franco D., Pateiro M., Lorenzo J.M.	Applied Sciences (Switzerland)	5
1618	2019	Thermo-Rheology of a Proline-Based Surface-Active Ionic Liquid: Mixtures with Water and n-Octane	Torres M.D., Corchero R., Rodriguez-Escontrela I., Soto A., Moreira R.	Chemical Engineering and Technology	5
1619	2019	Opportunities for rotating belt filters in novel wastewater treatment plant configurations	Taboada-Santos A., Lema J.M., Carballa M.	Environmental Science: Water Research and Technology	5
1620	2019	Water Footprint of a Decentralised Wastewater Treatment Strategy Based on Membrane Technology	Arias A., Vallina I., Lorenzo Y., Komesli O.T., Katsou E., Feijoo G., Moreira M.T.	Environmental Footprints and Eco-Design of Products and Processes	5
1621	2018	Novel system configuration with activated sludge like-geometry to develop aerobic granular biomass under continuous flow	Cofre C., Campos J.L., Valenzuela-Heredia D., Pavissich J.P., Camus N., Belmonte M., Pedrouso A., Carrera P., Mosquera-Corral A., Val del Rio A.	Bioresource Technology	5

1622	2018	Using water scarcity footprint to choose the most suitable location for forest carbon sinks: A case study	Roibas L., Cuevas A., Vazquez M.E., Vilas M., Hospido A.	Sustainable Production and Consumption	5
1623	2018	Feasible microbial accumulation of triacylglycerides from crude glycerol	Fra-Vazquez A., Pedrouso A., Palmeiro-Sanchez T., Moralejo-Garate H., Mosquera-Corral A.	Journal of Chemical Technology and Biotechnology	5
1624	2018	Education of chemical engineering in Spain: A global picture	Feijoo G., Ibanez R., Herguido J., Partal P., Tobajas M., Sempere J., Lopez-Perez M.F., Rivero M.J.	Education for Chemical Engineers	5
1625	2018	Simultaneous valorization and detoxification of the hemicellulose rich liquor from the organosolv fractionation	Garcia-Torreiro M., Martinez-Patino J.C., Gullon B., Lu-Chau T.A., Moreira M.T., Lema J.M., Eibes G.	International Biodeterioration and Biodegradation	5
1626	2017	Crown ethers as new curing agents for epoxy resins	Fraga Lopez F., Vazquez Barreiro E.C., Jover A., Martinez Ageitos J.M., Rodriguez E., Vazquez Tato J.	Polymer International	5
1627	2017	Effect of Free Ammonia, Free Nitrous Acid, and Alkalinity on the Partial Nitrification of Pretreated Pig Slurry, Using an Alternating Oxic/Anoxic SBR	Belmonte M., Hsieh C.-F., Campos J.L., Guerrero L., Mendez R., Mosquera-Corral A., Vidal G.	BioMed Research International	5
1628	2017	Carbon dioxide chemical absorption using methylpiperidines aqueous solutions	Castro M., Gomez-Diaz D., Navaza J.M.	Fuel	5
1629	2016	Gelling characteristics and rheology of kappa/iota-hybrid carrageenans extracted from <i>Mastocarpus stellatus</i> dried at different temperatures	Moreira R., Chenlo F., Torres M.D.	Journal of Applied Phycology	5
1630	2016	Selective aliphatic/aromatic organogelation controlled by the side chain of serine amphiphiles	Ramos J., Arufe S., O'Flaherty R., Rooney D., Moreira R., Velasco-Torrijos T.	RSC Advances	5
1631	2016	Operation of an innovative WWTP with environmental objectives. A model-based analysis	Mauricio-Iglesias M., Garrido J.M., Lema J.M.	IFAC-PapersOnLine	5
1632	2016	Air emissions from a sludge thickener: Dynamic data for air quality models	Carrera-Chapela F., Donoso-Bravo A., Gonzalez J.A., Ruiz-Filippi G.	Chemical Engineering Transactions	5
1633	2015	Rheology and modelling of aqueous gum solutions commonly used in the food industry	Torres M.D., Vazquez-Vila M.J., Pereira-Goncalvez G.	International Journal of Food Science and Technology	5
1634	2015	1-Amine-2-propanol + Triethanolamine Aqueous Blends for Carbon Dioxide Absorption in a Bubble Reactor	Lopez A.B., La Rubia M.D., Navaza J.M., Pacheco R., Gomez-Diaz D.	Energy and Fuels	5
1635	2015	Air drying of chopped chestnuts at several conditions: Effect on colour and chemical characteristics of chestnut flour	Moreira R., Chenlo F., Torres M.D., Rama B., Arufe S.	International Food Research Journal	5
1636	2013	Operational strategies for producing bioethanol in a continuous single-stage reactor	Lopez-Abelairas M., Pena R., Fleischhacker L., Lu-Chau T.A., Lema J.M.	Bioprocess and Biosystems Engineering	5
1637	2011	Tertiary membrane filtration of an industrial wastewater using granular or flocculent biomass sequencing batch reactors	Sanchez A., Garrido J.M., Mendez R.	Journal of Membrane Science	5
1638	2010	Towards sustainable industrial food production using Life Cycle Assessment approaches	Sonesson U., Berlin J., Hospido A.	Environmental Assessment and Management in the Food Industry: Life Cycle Assessment and Related Approaches	5
1639	2009	Treatment of low strength sewage with high suspended organic matter content in an anaerobic sequencing batch reactor and modeling application	Donoso-Bravo A., Carballa M., Ruiz-Filippi G., Chamy R.	Electronic Journal of Biotechnology	5
1640	2009	Quantification of eutrophic aerial compounds in Galicia (NW Spain): Part 2 - NOx inventory	Gallego A., Hospido A., Moreira M.T., Feijoo G.	Atmosfera	5
1641	2009	Evaluation of in-situ sludge reduction technologies for wastewater treatment plants	Campos J.L., Figueroa M., Vazquez-Padin J.R., Mosquera-Corral A., Roca E., Mendez R.	Sludge: Types, Treatment Processes and Disposal	5
1642	2009	[Dehydration kinetics of carrots (<i>Daucus carota</i> L.) in osmotic and air convective drying processes, Cinéticas de la deshidratación de zanahorias (<i>Daucus carota</i> L.) en procesos osmóticos y de secado convectivo con aire]	Vazquez-Vila M.J., Chenlo-Romero F., Moreira-Martinez R., Pacios-Penelas B.	Spanish Journal of Agricultural Research	5
1643	2009	Saga: A decision support system for air pollution management around a coal-fired power plant	Souto J.A., Hermida M., Casares J.J., Bermudez J.L.	International Journal of Environment and Pollution	5
1644	2007	Comparative study of the physical aging of the epoxy systems BADGE n = 0/m-XDA and BADGE n = 0/m-XDA/PEI	Fraga F., Payo P., Rodriguez-Nunez E., Martinez-Ageitos J.M., Castro-Diaz C.	Journal of Applied Polymer Science	5
1645	2006	Effect of formulation variables on the prediction of release from microparticles with experimental design	Luzardo-Alvarez A., Almeida-Prieto S., Fraga-Lopez F., Otero-Espinar F., Rodriguez-Nunez E., Martinez-Ageitos J., Blanco-Mendez J.	Journal of Applied Polymer Science	5
1646	2005	Gas/liquid mass transfer in carbon dioxide-alkanes mixtures	Gomez-Diaz D., Navaza J.M.	Chemical Engineering Journal	5
1647	2005	Gas/liquid mass transfer processes in a carbon dioxide/alkane system	Gomez-Diaz D., Navaza J.M.	Journal of Chemical Technology and Biotechnology	5
1648	2005	Kinetic analysis of relaxation process for the epoxy network diglycidyl ether of bisphenol A/m-xylylenediamine	Fraga F., Castro-Diaz C., Rodriguez-Nunez E., Martinez-Ageitos J.M.	Journal of Applied Polymer Science	5
1649	2004	Physicochemical, functional and structural characterization of fibre from defatted <i>Rosa rubiginosa</i> and <i>Gevuina avellana</i> seeds	Moure A., Dourado F., Sineiro J., Gama F.M., Dominguez H.	Journal of the Science of Food and Agriculture	5

1650	2004	Control of solids uptake by convective drying prior to osmotic processing of foods	Moreira R., Sereno A.M.	Drying Technology	5
1651	2004	Anaerobic and aerobic continuous cultures of <i>Saccharomyces cerevisiae</i> : Comparison of plasmid stability and EXG1 gene expression	Lu-Chau T.A., Guillan A., Nunez M.J., Roca E., Lema J.M.	Bioprocess and Biosystems Engineering	5
1652	2004	Selective removal of gallium (III) from aqueous solutions containing zinc or aluminum using sodium di-(n-octyl) phosphinate	Dumortier R., Rodil E., Weber M.E., Vera J.H.	Water Research	5
1653	2003	The effect of the limited availability of H ₂ O ₂ in the competitive deposition of sulfur and oxidized nitrogen	Mendez M.R., Souto J.A., Casares J.J., Lucas T., Carmichael G.R.	Chemosphere	5
1654	2003	Improvement of the properties of granular sludge in UASB reactors by flow pulsation	Franco A., Roca E., Lema J.M.	Water Science and Technology	5
1655	2002	[Effect of Co ²⁺ in the delignification of Kraft paste by <i>Phanerochaete chrysosporium</i> , Efecto del Co ²⁺ en la delignificación de pasta Kraft por <i>Phanerochaete chrysosporium</i>]	Feijoo G., Moreira M.T., Lema J.M.	Afinidad	5
1656	2002	Effect of heavy metals on the degradative activity by wood-rotting fungi	Yonni F., Fasoli H.J., Roca E., Feijoo G.	Bulletin of Environmental Contamination and Toxicology	5
1657	2002	Characterization of Eucalyptus globulus and Pinus pinaster acetosolv pulps prebleached with O ₂ by FTIR and DRIFT spectroscopy	Vazquez G., Gonzalez J., Freire S., Antorrena G.	Holz als Roh - und Werkstoff	5
1658	2002	Development of a limited-area model for operational weather forecasting around a power plant: The need for specialized forecasts	Balseiro C.F., Souto M.J., Penabad E., Souto J.A., Perez-Munuzuri V.	Journal of Applied Meteorology	5
1659	2001	Theoretical prediction of the mass transfer coefficients in bubble columns operating in churn-turbulent flow regime. Study in Newtonian and non-Newtonian fluids under different operation conditions	Alvarez E., Correa J.M., Navaza J.M., Riverol C.	Heat and Mass Transfer/Waerme- und Stoffuebertragung	5
1660	2001	Conductivity of sodium bis(2-ethylhexyl)sulfosuccinate/isooctane/water microemulsions containing phase-transfer catalysts. 2	Alvarez E., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	5
1661	2000	[Development of a combined system for the elimination of carbon and nitrogen from waste waters in the fish industry, Desarrollo de un sistema combinado para la eliminación de carbono y nitrógeno de aguas residuales de la industria de conservas de pescado]	Corral A.M., Pampin R.M., Lema J.M.	Afinidad	5
1662	2000	Injection of steam into the mashing process as alternative method for the temperature control and low-cost of production	Alvarez E., Correa J.M., Navaza J.M., Riverol C.	Journal of Food Engineering	5
1663	2000	Treatment of methanol in a dry biofilm reactor using tubular carrier	Thalasso F., Omil F., Otero J.O., Lema J.M.	Water Science and Technology	5
1664	1999	Effect of temperature on the electrical conductivity of sodium bis(2-ethylhexyl)sulfosuccinate + 2,2,4-trimethylpentane + water microemulsions. Influence of alkylamines	Alvarez E., Garcia-Rio L., Mejuto J.C., Navaza J.M., Perez-Juste J., Rodriguez-Dafonte P.	Journal of Chemical and Engineering Data	5
1665	1998	Viscosities of aqueous solutions of Fe ₂ (SO ₄) ₃ containing NaNO ₃ , KNO ₃ , NaBr, or KBr from 293.1 to 323.1 K	Chenlo F., Moreira R., Pereira G., Vazquez M.J.	Journal of Chemical and Engineering Data	5
1666	1998	Evaluation of the manganese requirement for biobleaching by white rot fungi	Moreira M.Teresa, Sierra-Alvarez Reyes, Feijoo Gumersindo, Field Jim A.	Proceedings of the International Conference on Biotechnology in the Pulp and Paper Industry	5
1667	1997	[Influence of concentration and temperature in the viscosity of aqueous solutions of Fe ₂ (SO ₄) ₃ + KCl and Fe ₂ (SO ₄) ₃ + K ₂ SO ₄ , Influencia de la concentración y de la temperatura en la viscosidad de disoluciones acuosas de Fe ₂ (SO ₄) ₃ + KCl y Fe ₂ (SO ₄) ₃ + K ₂ SO ₄]	Chenlo F., Moreira R., Pereira G., Vazquez M.J.	Afinidad	5
1668	1997	Organic matter removal in boiler feed water treatment of a power plant with ozone	Rico B., Perez D., Lema J.M., Lucas T.	Ozone: Science and Engineering	5
1669	1996	Application of short and 24 hours air pollution forecasting around a power plant	Souto J.A., Perez-Munuzuri V., de Castro M., Casares J.J., Abadia J.	International Conference on Air Pollution - Proceedings	5
1670	1996	Acidity of effluent from inert gas systems using seawater scrubbing	Baalina A., Rodriguez E., Santaballa J.A., Arce A.	Environmental Technology (United Kingdom)	5
1671	1996	Terrain-induced focusing of wind fields in the mesoscale	Perez-Munuzuri V., Souto M.J., Casares J., Perez-Villar V.	Chaos, Solitons and Fractals	5
1672	1990	The ethanol tolerance of <i>pichia stipitis</i> Y-7124 studied by microcalorimetry	Regueira L. N., Gomez-Orellana I., Pena N.B., Chamy R., Lema J.M.	Thermochimica Acta	5
1673	1986	Ion-Exchange Equilibria: Study of the Na ⁺ /Mn ²⁺ , Na ⁺ /Ni ²⁺ , and Na ⁺ /Cu ²⁺ Exchanges on Several Lewatit Cation Exchangers	Vazquez G., Arce A., Mendez R., Blazquez R.	Journal of Chemical and Engineering Data	5
1674	2022	Coupling Material Flow Analysis and Network DEA for the evaluation of eco-efficiency and circularity on dairy farms	Rebolledo-Leiva R., Vasquez-Ibarra L., Entrena-Barbero E., Fernandez M., Feijoo G., Moreira M.T., Gonzalez-Garcia S.	Sustainable Production and Consumption	4

1675	2021	Caspase activity in post mortem muscle and its relation to cattle handling practices	Fuente-Garcia C., Aldai N., Sentandreu E., Olivan M., Franco D., Garcia-Torres S., R Barron L.J., Sentandreu M.A.	Journal of the Science of Food and Agriculture	4
1676	2021	Features of aerobic granular sludge formation treating fluctuating industrial saline wastewater at pilot scale	Carrera P., Casero-Diaz T., Castro-Barros C.M., Mendez R., Val del Rio A., Mosquera-Corral A.	Journal of Environmental Management	4
1677	2021	Kinetics, absorption and regeneration of biphasic solvent with ethylpiperidine for carbon dioxide absorption	Gomez-Diaz D., Parajo M., Richoux O., La Rubia M.D., Rumbo A.	Fuel	4
1678	2021	Assessment of stress by serum biomarkers in calves and their relationship to ultimate pH as an indicator of meat quality	Garcia-Torres S., de Vaca M.C., Tejerina D., Romero-Fernandez M.P., Ortiz A., Franco D., Sentandreu M.A., Olivan M.	Animals	4
1679	2021	Carbon Dioxide Capture by Chemical Solvents Based on Amino Acids: Absorption and Regeneration	Castro M., Gomez-Diaz D., Navaza J.M., Rumbo A.	Chemical Engineering and Technology	4
1680	2021	Effect of finishing diet on carcass characteristics and meat quality of mos cockerel	Vargas-Ramella M., Lorenzo J.M., Rois D., Arias A., Justo J.R., Pateiro M., Lopez-Pedrouso M., Franco D.	Spanish Journal of Agricultural Research	4
1681	2020	Green and sustainable synthesis of oligorutin using an enzymatic membrane reactor: Process optimization	Muniz-Mouro A., Gullon B., Lu-Chau T.A., Eibes G.	Food and Bioproducts Processing	4
1682	2020	Assessment of a fast method to predict the biochemical methane potential based on biodegradable COD obtained by fractionation respirometric tests	Argiz L., Reyes C., Belmonte M., Franchi O., Campo R., Fra-Vazquez A., Val del Rio A., Mosquera-Corral A., Campos J.L.	Journal of Environmental Management	4
1683	2020	Aqueous Two-Phase Systems: A Correlation Analysis	Gonzalez-Amado M., Rodriguez O., Soto A., Carbonell-Hermida P., Olaya M.D.M., Marcilla A.	Industrial and Engineering Chemistry Research	4
1684	2019	Phase equilibria of 1-hexyl-3-methylimidazolium acetate with water and oil	Corchero R., Rodriguez-Escontrela I., Rodriguez O., Soto A.	Fluid Phase Equilibria	4
1685	2019	Production of hydrogels with different mechanical properties by starch roasting: A valorization of industrial chestnut by-products	Torres M.D., Moreira R.	Industrial Crops and Products	4
1686	2019	Quantitative tools for sustainable food and energy in the food chain	Cummins E., Hospido A., Van Impe J.F.M.	Food Research International	4
1687	2018	Application of Fungal Pretreatment in the Production of Ethanol From Crop Residues	Lu-Chau T.A., Garcia-Torreiro M., Lopez-Abelairas M., Gomez-Vanegas N.A., Gullon B., Lema J.M., Eibes G.	Bioethanol Production from Food Crops: Sustainable Sources, Interventions, and Challenges	4
1688	2017	Enhancement effect on apparent viscosity of aqueous tragacanth gum dispersions promoted by sugars	Silva C., Torres M.D., Moreira R., Chenlo F.	International Journal of Food Science and Technology	4
1689	2017	CO2 Absorption and Regeneration Using Amines with Different Degrees of Steric Hindrance	Gomez-Diaz D., Navaza J.M., Rodriguez P., Vega R.	Chemical Engineering and Technology	4
1690	2017	Adding Value to Bioethanol through a Purification Process Revamp	Bisgaard T., Mauricio-Iglesias M., Huusom J.K., Gernaey K.V., Dohrup J., Petersen M.A., Abildskov J.	Industrial and Engineering Chemistry Research	4
1691	2017	Biomass aggregation influences N ₂ O short-term effects on anammox bacteria activity	Pedrouso A., Val Del Rio A., Campos J.L., Mendez R., Mosquera-Corral A.	Water Science and Technology	4
1692	2017	Integrative health risk assessment of air pollution in the northwest of Spain	Garcia-Santiago X., Gallego-Fernandez N., Muniategui-Lorenzo S., Pineiro-Iglesias M., Lopez-Mahia P., Franco-Uria A.	Environmental Science and Pollution Research	4
1693	2017	The environmental impact of magnetic nanoparticles under the perspective of carbon footprint	Feijoo S., Gonzalez-Garcia S., Moldes-Diz Y., Vazquez-Vazquez C., Feijoo G., Moreira M.T.	Environmental Carbon Footprints: Industrial Case Studies	4
1694	2016	Carbon dioxide absorption by aqueous mixtures of diisopropanolamine and triethanolamine	Lopez A.B., La Rubia M.D., Pacheco R., Sanchez S., Navaza J.M., Gomez-Diaz D.	Chemical Engineering and Processing: Process Intensification	4
1695	2016	Waste to bioplastic conversion by the moderate halophilic bacterium halomonas boliviensis	Garcia-Torreiro M., Lu-Chau T.A., Steinbuchel A., Lemaa J.M.	Chemical Engineering Transactions	4
1696	2016	Minhota breed cattle: Carcass characterisation and meat quality affected by sex and slaughter age	Araujo J.P., Lorenzo J.M., Cerqueira J., Vazquez J.A., Pires P., Cantalapiedra J., Franco D.	Animal Production Science	4
1697	2015	Quantification of proteome changes in bovine muscle from two-dimensional electrophoresis data	Franco D., Mato A., Salgado F.J., Lopez-Pedrouso M., Carrera M., Bravo S., Parrado M., Gallardo J.M., Zapata C.	Data in Brief	4
1698	2015	Characterization and biological abatement of diffuse methane emissions and odour in an innovative wastewater treatment plant	Barcon T., Hernandez J., Gomez-Cuervo S., Garrido J.M., Omil F.	Environmental Technology (United Kingdom)	4
1699	2013	Carbon dioxide mass transfer into solvents in a zeolite hybrid device	Gomez-Diaz D., Navaza J.M.	Chemical Engineering and Technology	4
1700	2012	Use of white-rot fungi for valorization of stillage from bioethanol production	Pena R., Lu-Chau T.A., Lema J.M.	Waste and Biomass Valorization	4
1701	2011	Surface characterization of eucalyptus and ash wood veneers by XPS, TOF-SIMS, optic profilometry and contact angle measurements	Vazquez G., Rios R., Freire M.S., Antorrena G., Gonzalez-Alvarez J.	WIT Transactions on Engineering Sciences	4

1702	2011	Promoting an optimal networking of fishing actors to organize a responsible, optimal and sustainable exploitation of marine resources: The FAROS initiative	Antelo L.T., Ordóñez T., Franco-Uría A., Gómez-Gesteira J.L., Fernández-Canamero M.L., Pérez N., Castro J., Bellido J.M., Landeira F., Alonso A.A.	OCEANS 2011 IEEE - Spain	4
1703	2011	Influence of surfactants upon calcium carbonate production by means of a gas-liquid reaction	García-Abuín A., Gómez-Díaz D., Navaza J.M., Sanjurjo B., Vidal-Tato I.	Industrial and Engineering Chemistry Research	4
1704	2010	Analysis of moisture desorption isotherms of eggplant (<i>Solanum melongena</i>)	Moreira R., Chenlo F., Torres M.D., Vallejo N.	Food Science and Technology International	4
1705	2010	Effects of storage conditions on sugars and moisture content of whole chestnut fruits	Chenlo F., Moreira R., Chaguri L., Torres M.D.	Journal of Food Processing and Preservation	4
1706	2010	Gas-liquid interfacial area in the oxygen absorption to oil-in-water emulsions in an airlift reactor	Gómez-Díaz D., Gomes N., Teixeira J.A., Belo I.	Canadian Journal of Chemical Engineering	4
1707	2010	Control of re-startup of anaerobic USBF reactors after short stops	García-Dieguez C., Molina F., Fernández E., Roca E.	Industrial and Engineering Chemistry Research	4
1708	2010	Chestnut bur extracts as antioxidants: Optimization of the extraction stage	Vázquez G., Fernández-Agullo A., Freire M.S., Antorrena G., González-Alvarez J.	WIT Transactions on Ecology and the Environment	4
1709	2009	Service oriented fast prototyping environment for UAS missions	Royo P., López J., Tristáncho J., Lema J.M., López B., Pastor E.	47th AIAA Aerospace Sciences Meeting including the New Horizons Forum and Aerospace Exposition	4
1710	2009	Prediction of heavy metals mobility and bioavailability in contaminated soil using sequential extraction and biosensors	Almendras M.-L., Carballa M., Diels L., Vanbroekhoven K., Chamy R.	Journal of Environmental Engineering	4
1711	2009	Study of the physical aging of the epoxy system BADGE n = 0/m-XDA/CaCo ₃	Fraga F., López M., Tellini V.H.S., Rodríguez-Núñez E., Martínez-Ageitos J.M., Miragaya J.	Journal of Applied Polymer Science	4
1712	2008	Dual nature of polyethylene glycol-based aqueous biphasic extraction chromatographic (ABEC) resins: Uptakes of perchlorate versus mercury(II)	Dilip M., Griffin S.T., Spear S.K., Rijkse C., Rodríguez H., Rogers R.D.	Industrial and Engineering Chemistry Research	4
1713	2008	[Ecological footprint of production processes as indicator of sustainability, La huella ecológica de procesos productivos como indicador de sostenibilidad]	Herva M., Franco A., Fdez-Carrasco E., Roca E.	Ingeniería Química	4
1714	2008	Biofiltration of a methanol containing air stream in a dry tubular biofilm reactor using ceramic rings as carrier	Omil F., Rojas H., Thalasso F., Lema J.M.	Environmental Progress	4
1715	2007	Rheological properties of chestnuts processed by osmotic dehydration and convective drying	Chenlo F., Moreira R., Torres M.D.	Food Science and Technology International	4
1716	2007	Kinematic viscosity of ternary aqueous solutions of ethanol and sucrose	Moreira R., Chenlo F., Correia G.R.	International Journal of Food Properties	4
1717	2006	Effect of bubbling nitrogen and pulsed flow on the antiradical activity of grape residues	Pinelo M., Rubilar M., Sineiro J., Núñez M.J.	Journal of Food Engineering	4
1718	2005	[Tannin modified phenol-urea-formaldehyde adhesives for exterior grade plywood, Adhesivos Fenol-Urea-Formaldehído Modificados con Taninos para Contrachapados de Uso Exterior]	Vázquez G., López-Suevos F., González-Alvarez J., Antorrena G.	Información Tecnológica	4
1719	2004	Environmental engineering education in Spain	Rodríguez-Roda I., Castells F., Flotats X., Lema J., Tejero I.	Water Science and Technology	4
1720	2002	A comparison of Lagrangian dispersion models coupled to a meteorological model for high stack air pollution forecast	Penabad E., Pérez-Munuzuri V., Souto J.A., Casares J.J., Bermúdez J.L., Ludwig F.L.	Advances in Air Pollution	4
1721	2001	Property changes of mixing for the 1-butanol + methanol + 2-methoxy-2-methylbutane system at 298.15 K and atmospheric pressure	Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	4
1722	2000	Experimental determination of the vapor-liquid equilibrium at 101.32 kPa of the ternary system 1-butanol+methanol+TAME	Arce A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	4
1723	1999	The dehydration of garlic. 2. The effects of pretreatments on drying kinetics	Vázquez G., Chenlo F., Moreira R., Costoyas A.	Drying Technology	4
1724	1999	Control of chemical processes using neural networks: Implementation in a plant for xylose production	Alvarez E., Riverol C., Navaza J.M.	ISA Transactions	4
1725	1998	Liquid extraction equilibria of type 2: (tert-amyl methyl ether + 1-octanol + water) at T = (298.15 and 308.15) K	Arce A., Blanco M.	Journal of Chemical Thermodynamics	4
1726	1996	Effect of pulsation on morphology of <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> in a fluidized-bed reactor	Moreira M.T., Feijoo G., Sanroman A., Lema J.M.	Progress in Biotechnology	4
1727	1996	Physical properties of aqueous solutions of NaHCO ₃ , Na ₂ CO ₃ and Na ₂ CO ₃ -NaHCO ₃ in the presence of sucrose and glucose	Vázquez G., Varela R., Cancela A., Alvarez E., Navaza J.M.	Afinidad	4
1728	1996	Device for Research into Falling Film Wave Structures under Shear Stress	Talens-Alesson F.I., Pereira-Goncalves G., Chenlo-Romero F., Vázquez-Una G.	AIChE Journal	4
1729	1990	Vapor-Liquid Equilibrium of the System Methanol + Benzene + Cyclohexane at 760 mmHg	Arce A., Domínguez A., Tojo J.	Journal of Chemical and Engineering Data	4

1730	1988	Prediction and experimental determination of vapour-liquid equilibria for benzene + Cyclohexane + 1-Butanol mixtures at 101.325 kPa	Arce A., Bunco A., Correa A., Tojo J.	The Canadian Journal of Chemical Engineering	4
1731	2022	Potential applications of Pickering emulsions and high internal-phase emulsions (HIPEs) stabilized by starch particles	Lopez-Pedrouso M., Lorenzo J.M., Moreira R., Franco D.	Current Opinion in Food Science	3
1732	2022	Strategies to mitigate food safety risk while minimizing environmental impacts in the era of climate change	Feliciano R.J., Guzman-Luna P., Boue G., Mauricio-Iglesias M., Hospido A., Membre J.-M.	Trends in Food Science and Technology	3
1733	2022	Effect of the addition of different sodium alginates on viscoelastic, structural features and hydrolysis kinetics of corn starch gels	Montes L., Santamaria M., Garzon R., Rosell C.M., Moreira R.	Food Bioscience	3
1734	2022	Principles, Advances, and Perspectives of Anaerobic Digestion of Lipids	Holohan B.C., Duarte M.S., Szabo-Corbacho M.A., Cavaleiro A.J., Salvador A.F., Pereira M.A., Ziels R.M., Frijters C.T.M.J., Pacheco-Ruiz S., Carballa M., Sousa D.Z., Stams A.J.M., O'Flaherty V., Van Lier J.B., Alves M.M.	Environmental Science and Technology	3
1735	2022	Performance of a two-stage partial nitrification-anammox system treating the supernatant of a sludge anaerobic digester pretreated by a thermal hydrolysis process	Valenzuela-Heredia D., Panatt C., Belmonte M., Franchi O., Crutchik D., Dumais J., Vazquez-Padin J.R., Lesty Y., Pedrouso A., Val del Rio A., Mosquera-Corral A., Campos J.L.	Chemical Engineering Journal	3
1736	2022	Revising Concepts on Liquid-Liquid Extraction: Data Treatment and Data Reliability	Arce A., Arce A.Jr., Rodriguez O.	Journal of Chemical and Engineering Data	3
1737	2021	Valorization of wastewater from table olives: Nmr identification of antioxidant phenolic fraction and microwave single-phase reaction of sugary fraction	Huertas-alonso A.J., Gavahian M., Gonzalez-serrano D.J., Hadidi M., Salgado-ramos M., Sanchez-Verdu M., Simirgiotis M.J., Barba F.J., Franco D., Lorenzo J.M., Moreno A.	Antioxidants	3
1738	2021	A year following the onset of the COVID-19 pandemic: Existing challenges and ways the food industry has been impacted	Vargas-Ramella M., Lorenzo J.M., Bohrer B.M., Pateiro M., Cantalapiedra J.J., Franco D.	Foods	3
1739	2021	Understanding the effect of trace elements supplementation on volatile fatty acids production from proteins	Bevilacqua R., Regueira A., Mauricio-Iglesias M., Lema J.M., Carballa M.	Journal of Environmental Chemical Engineering	3
1740	2021	Identifying the sustainability route of asparagus co-product extraction: From waste to bioactive compounds	Santiago B., Feijoo G., Moreira M.T., Gonzalez-Garcia S.	Food and Bioproducts Processing	3
1741	2021	Open-culture biotechnological process for triacylglycerides and polyhydroxyalkanoates recovery from industrial waste fish oil under saline conditions	Argiz L., Gonzalez-Cabaleiro R., Correa-Galeote D., Val del Rio A., Mosquera-Corral A.	Separation and Purification Technology	3
1742	2021	Microbial invasions in sludge anaerobic digesters	Fernandez-Gonzalez N., Braz G.H.R., Regueiro L., Lema J.M., Carballa M.	Applied Microbiology and Biotechnology	3
1743	2020	Recovery of polyhydroxyalkanoates from cooked mussel processing wastewater at high salinity and acidic conditions	Pedrouso A., Fra-Vazquez A., Del Rio A.V., Mosquera-Corral A.	Sustainability (Switzerland)	3
1744	2020	Limits of the anammox process in granular systems to remove nitrogen at low temperature and nitrogen concentration	Diaz C., Belmonte M., Campos J.L., Franchi O., Faundez M., Vidal G., Argiz L., Pedrouso A., Val del Rio A., Mosquera-Corral A.	Process Safety and Environmental Protection	3
1745	2020	Assessment of the fate of organic micropollutants in novel wastewater treatment plant configurations through an empirical mechanistic model	Taboada-Santos A., Behera C.R., Sin G., Gernaey K.V., Mauricio-Iglesias M., Carballa M., Lema J.M.	Science of the Total Environment	3
1746	2020	Proteome changes in lamb semimembranosus muscles associated with the inclusion of sunflower cake in their diet	de Melo A.M.P., Lopez-Pedrouso M., Costa R.G., Franco D., de Alencar Araripe Noronha Moura A., da Silva T.A., Moreno F.B.M.B., de Lima Junior V., de Oliveira Monteiro-Moreira A.C., de Medeiros A.N., de Azevedo Moreira R., Lorenzo J.M.	International Journal of Food Science and Technology	3
1747	2020	Drying of edible seaweeds	Santiago A., Moreira R.	Sustainable Seaweed Technologies: Cultivation, Biorefinery, and Applications	3
1748	2020	Density, Speed of Sound, Viscosity, and Surface Tension of Tetramethylethylenediamine Aqueous Solutions from T = 293.15 to 323.15 K	Gomez-Diaz D., Navaza J.M.	ACS Applied Materials and Interfaces	3
1749	2019	Regionalizing eco-toxicity characterization factors for copper soil emissions considering edaphic information for Northern Spain and Portuguese vineyards	Villanueva-Rey P., Vazquez-Rowe I., Quinteiro P., Rafael S., Goncalves C., Moreira M.T., Feijoo G., Arroja L., Dias A.C.	Science of the Total Environment	3
1750	2019	Pulsed aeration enhances aerobic granular biomass properties	Carrera P., Mosquera-Corral A., Mendez R., Campos J.L., Val del Rio A.	Biochemical Engineering Journal	3
1751	2018	Association of Patatin-Based Proteomic Distances with Potato (<i>Solanum tuberosum</i> L.) Quality Traits	Mouzo D., Lopez-Pedrouso M., Bernal J., Garcia L., Franco D., Zapata C.	Journal of Agricultural and Food Chemistry	3
1752	2018	Manufacture of nutraceutical compounds from chestnut shells by hydrothermal processing	Gullon P., Eibes G., Davila I., Moreira M.T., Labidi J., Gullon B.	Chemical Engineering Transactions	3
1753	2018	Physicochemical changes of semimembranosus muscle during the processing of dry-cured ham from Celta pig. Effect of crossbreeding with Duroc and Landrace genotypes	Bermudez R., Dominguez R., Pateiro M., Franco D., Carballo J., Lorenzo J.M.	Animal Production Science	3

1754	2018	Lessons learned from the treatment of organosolv pulp with ligninolytic enzymes and chemical delignification agents	Garcia-Torreiro M., Lu-Chau T.A., Gullon B., Moreira M.T., Lema J.M., Eibes G.	Cellulose	3
1755	2018	Polymerization of coniferyl alcohol by Mn ³⁺ -mediated (enzymatic) oxidation: Effects of H ₂ O ₂ concentration, aqueous organic solvents, and pH	Taboada-Puig R., Lu-Chau T.A., Moreira M.T., Feijoo G., Lema J.M., Fagerstedt K., Ohra-Aho T., Liitia T., Heikkinen H., Ropponen J., Tamminen T.	Biotechnology Progress	3
1756	2017	Short- and long-term orange dye effects on ammonium oxidizing and anammox bacteria activities	Val Del Rio A., Stachurski A., Mendez R., Campos J.L., Surmacz-Gorska J., Mosquera-Corral A.	Water Science and Technology	3
1757	2017	Fat content of dry-cured sausages and its effect on chemical, physical, textural and sensory properties	Lorenzo J.M., Franco D., Carballo J.	Fermented Meat Products: Health Aspects	3
1758	2017	Measuring energy demand and efficiency at WWTPS: An econometric approach	Longo S., Lema J.M., Mauricio-Iglesias M., Hospido A.	Lecture Notes in Civil Engineering	3
1759	2017	Sensory properties and physico-chemical changes in the biceps femoris muscle during processing of dry-cured ham from celta pigs. Effects of cross-breeding with duroc and landrace pigs	Bermudez R., Franco D., Carballo J., Lorenzo J.M.	Italian Journal of Food Science	3
1760	2016	Autotrophic denitrification processes	Belmonte M., Fajardo C., Toledo-Alarcon J.B., Heredia D.V., Jorquera L., Mendez R., Tapia-Venegas E., Ruiz-Filippi G.	Technologies for the Treatment and Recovery of Nutrients from Industrial Wastewater	3
1761	2016	Nutrients pollution in water bodies: Related legislation in Europe and the United States	Val Del Rio A., Fernandez P.C., Campos Gomez J.L., Mosquera-Corral A.	Technologies for the Treatment and Recovery of Nutrients from Industrial Wastewater	3
1762	2016	CO ₂ continuous removal using ion exchange as regeneration process	Gomez-Diaz D., Navaza J.M.	Fuel	3
1763	2016	Grape seeds: Nutrient content, antioxidant properties and health benefits	Rodriguez J.M.L., Ruiz D.F.	Grape Seeds: Nutrient Content, Antioxidant Properties and Health Benefits	3
1764	2016	PrOlor: A modelling approach for environmental odor forecast	Cartelle D., Vell'n J.M., Rodriguez A., Val'io D., Gonzalez J.A., Casas C., Carrera-Chapela F.	Chemical Engineering Transactions	3
1765	2014	Physicochemical characterization of aqueous two phase systems containing Triton X-102 and sodium salts in the range of temperature from 288.15 K to 318.15 K	Blanco A., Gayol A., Gomez-Diaz D., Navaza J.M.	Journal of Molecular Liquids	3
1766	2014	Physicochemical characterization of aqueous two-phase systems containing Tween20 and sodium salts from T = (288.15 to 318.15) K	Alvarez E., Blanco A., Gayol A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	3
1767	2014	Enzymatic Reactors Applied for the Biotransformation of Endocrine Disrupting Chemicals	Lema Rodicio J.M., Teresa Moreira M., Eibes G., Lu-Chau T.A., Lloret L., Taboada R., Arca-Ramos A., Feijoo G.	Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks	3
1768	2014	Water desorption isotherms of raw and osmotically dehydrated garlic	Vazquez M.J., Chenlo F., Moreira R., Pacios B., Mayor L.	Journal of Agricultural Science and Technology	3
1769	2013	Doping efficiency in n-type InP nanowires	Besteiro L.V., Tortajada L., Souto J., Gallego L.J., Chelikowsky J.R., Alemany M.M.G.	Physical Review B - Condensed Matter and Materials Physics	3
1770	2013	Control assessment for heat integrated systems. An industrial case study for ethanol recovery	Mauricio-Iglesias M., Huusom J.K., Sin G.	Chemical Engineering and Processing: Process Intensification	3
1771	2013	Influence of Chitosan and Chitosan Derivatives on Hydrodynamics and Mass Transfer in a Bubble Contactor	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Chemical Engineering and Technology	3
1772	2012	Carbon dioxide mass transfer in gas-liquid-liquid system	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Industrial and Engineering Chemistry Research	3
1773	2012	Mass transfer enhancement by the addition of surfactant in a Two Phase Partitioning Bioreactor for the degradation of anthracene by laccase	Arca-Ramos A., Eibes G., Moreira M.T., Feijoo G., Lema J.M.	Chemical Engineering Transactions	3
1774	2011	[Growth of mos chickens in various seasons of the year: Comparison with an industrial chicken strain, Crecimiento de pollos mos en diferentes estaciones del año: Comparación con una estirpe industrial]	Rois D., Rivero C.J., Fernandez M., Justo J.R., Lopez C., Lorenzo J.M., Lama J.J., Garcia-Fontan M.C., Franco D., Arias A., Feijoo J., Adan S.	Archivos de Zootecnia	3
1775	2011	Viscosity and percolative phenomena in AOT based microemulsions	Cid A., Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Tenside, Surfactants, Detergents	3

1776	2010	Reactor engineering	Lema J.M., Lopez C., Eibes G., Taboada-Puig R., Moreira M.T., Feijoo G.	Biocatalysis Based on Heme Peroxidases: Peroxidases as Potential Industrial Biocatalysts	3
1777	2010	Emissions inventory analysis for an urban (industrial)-rural (agricultural) environment	Dios M., Souto J.A., Casares J.J.	WIT Transactions on Ecology and the Environment	3
1778	2007	[Tecnologies for the treatment of effluents from textile industries, Tecnologías para el tratamiento de efluentes de industrias textiles]	Lopez C., Moreira M.T., Feijoo G., Lema J.M.	Afinidad	3
1779	2007	Densities, viscosities, surface tensions, and speeds of sound of aqueous solutions of piperidine + Pyrrolidine + Water	Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Journal of Chemical and Engineering Data	3
1780	2006	Density, speed of sound, surface tension, and refractive index of AOT + 2,2,4-trimethylpentane + water mixtures from (5 to 60) °C	Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	3
1781	2005	Excess thermodynamics properties of propyl propanoate+hexane+cyclohexane at 298.15 K	Freire S., Casas H., Rilo E., Segade L., Cabeza O., Jimenez E.	Journal of Thermal Analysis and Calorimetry	3
1782	2000	Testing of an adaptive puff model for regulatory purposes around As Pontes power plant	Souto J.A., De Castro M., Casares J.J., Souto M.J., Perez-Munuzuri V., Bermudez J.L.	International Journal of Environment and Pollution	3
1783	1999	Effects of temperature on the conductivity of sodium bis(2-ethylhexyl) sulfosuccinate + 2,2,4-trimethylpentane + water microemulsions. Influence of amides and ethylene glycol	Alvarez E., Garcia-Rio L., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	3
1784	1999	Enhancement of the absorption of CO2 in alkaline buffer solutions: Joint action of two enhancers	Vazquez G., Chenlo F., Pereira G., Vazquez P.	Industrial and Engineering Chemistry Research	3
1785	1997	[Kraft paste bleaching with ligninolytic fungi, Blanqueo de pasta kraft con hongos ligninolíticos]	Feijoo G., Moreira M.T., Sierra-Alvarez R., Field J.A., Lema J.M.	Afinidad	3
1786	1997	[Aerobic degradation of 2,4,6-trichlorophenol in bleaching effluents of cellulose stuff, Dergadación aerobica del 2,4,6-triclorofenol en efluentes de blanqueo de pulpa de celulosa]	Vidal G., Kennes C., Mendez R., Lema J.M.	Afinidad	3
1787	1997	Vapour-liquid equilibrium data for the recovery of 1-octanol from ternary mixtures with methanol and water	Arce A., Perez J.C., Soto A.	Fluid Phase Equilibria	3
1788	1997	Dispersion and transformation of nitrogen oxides emitted from a point source	Mendez M.R., Souto J.A., Vila-Guerau de Arellano J., Lucas T., Casares J.J.	International Conference on Measurements and Modelling in Environmental Pollution, MMEP, Proceedings	3
1789	1997	Longitudinal permeability of sapele (<i>Entandrophragma cylindricum</i>) to air	Vazquez G., Chenlo F., Moreira R., Arnaud G.	Holzforschung	3
1790	1996	Continuous fermentation by conventional and recombinant <i>Saccharomyces cerevisiae</i> immobilized in Ca-alginate beads hardened with trivalent ion	Roca E., Meinander N., Nunez M.J., Hahn-Hagerdal B., Lema J.M.	Progress in Biotechnology	3
1791	1995	Isobaric Vapor-Liquid Equilibria of Water + Ethanol + Hexyl Acetate	Arce A., Soto A., Orge B., Tojo J.	Journal of Chemical and Engineering Data	3
1792	1992	Rule-based system for the synthesis of heat exchanger networks	Souto J.A., Casares J.J., Rodriguez A.	Expert Systems With Applications	3
1793	1986	RESIDUAL-OIL UPGRADING - AN OVERVIEW OF AVAILABLE TECHNOLOGIES.	Hadley-Coates L., Casares Long J.J.	Arabian Journal for Science and Engineering	3
1794	1985	Thermophilic anaerobic treatment of an industrial wastewater: Startup and stability studies	Vicent T., Paris J.M., Lema J.M., Ibanez E.	Biotechnology Bioengineering Symposium	3
1795	2022	Enhanced oil recovery with nanofluids based on aluminum oxide and 1-dodecyl-3-methylimidazolium chloride ionic liquid	Al-Asadi A., Arce A., Rodil E., Soto A.	Journal of Molecular Liquids	2
1796	2022	Advances in Natural Antioxidants for Food Improvement	Lopez-Pedrouso M., Lorenzo J.M., Franco D.	Antioxidants	2
1797	2022	Technological feasibility and environmental assessment of polylactic acid-nisin-based active packaging	Arias A., Feijoo G., Moreira M.T.	Sustainable Materials and Technologies	2
1798	2022	Co-benefits of the EAT-Lancet diet for environmental protection in the framework of the Spanish dietary pattern	Cambeses-Franco C., Feijoo G., Moreira M.T., Gonzalez-Garcia S.	Science of the Total Environment	2
1799	2022	Quantifying current and future raw milk losses due to bovine mastitis on European dairy farms under climate change scenarios	Guzman-Luna P., Nag R., Martinez I., Mauricio-Iglesias M., Hospido A., Cummins E.	Science of the Total Environment	2
1800	2022	High-value compounds obtained from grape canes (<i>Vitis vinifera</i> L.) by steam pressure alkali extraction	Santos J., Escobar-Avello D., Magalhaes P., Magalhaes F.D., Martins J.M., Gonzalez-Alvarez J., de Carvalho L.H.	Food and Bioproducts Processing	2
1801	2022	Fostering the valorization of organic wastes into carboxylates by a computer-aided design tool	Saavedra del Oso M., Regueira A., Hospido A., Mauricio-Iglesias M.	Waste Management	2

1802	2022	Pilot-scale continuous flow granular reactor for the treatment of extremely low-strength recirculating aquaculture system wastewater	Santorio S., Val del Rio A., Amorim C.L., Arregui L., Castro P.M.L., Mosquera-Corral A.	Journal of Environmental Chemical Engineering	2
1803	2022	Rheological Properties of Corn Starch Gels With the Addition of Hydroxypropyl Methylcellulose of Different Viscosities	Montes L., Rosell C.M., Moreira R.	Frontiers in Nutrition	2
1804	2022	Valorization of lipid-rich wastewaters: A theoretical analysis to tackle the competition between polyhydroxyalkanoate and triacylglyceride-storing populations	Argiz L., Correa-Galeote D., Val del Rio A., Mosquera-Corral A., Gonzalez-Cabaleiro R.	Science of the Total Environment	2
1805	2022	Finding Biomarkers in Antioxidant Molecular Mechanisms for Ensuring Food Safety of Bivalves Threatened by Marine Pollution	Lopez-Pedrouso M., Lorenzo J.M., Varela Z., Angel Fernandez J., Franco D.	Antioxidants	2
1806	2022	Bundling the removal of emerging contaminants with the production of ligninolytic enzymes from residual streams	Gonzalez-Rodriguez S., Lu-Chau T.A., Trueba-Santiso A., Eibes G., Moreira M.T.	Applied Microbiology and Biotechnology	2
1807	2022	Renewable carbon opportunities in the production of succinic acid applying attributional and consequential modelling	Bello S., Ladakis D., Gonzalez-Garcia S., Feijoo G., Koutinas A., Moreira M.T.	Chemical Engineering Journal	2
1808	2022	Towards industrial application of fungal pretreatment in 2G biorefinery: scale-up of solid-state fermentation of wheat straw	Pallin M.A., Gonzalez-Rodriguez S., Eibes G., Lopez-Abelairas M., Moreira M.T., Lema J.M., Lu-Chau T.A.	Biomass Conversion and Biorefinery	2
1809	2022	In search of antioxidant peptides from porcine liver hydrolysates using analytical and peptidomic approach	Lopez-Pedrouso M., Lorenzo J.M., Borrajo P., Franco D.	Antioxidants	2
1810	2022	Effect of Breed and Diet on Carcass Parameters and Meat Quality of Spent Hens	Vargas-Ramella M., Pateiro M., Rois D., Arias A., Justo J.R., Lopez-Pedrouso M., Lorenzo J.M., Franco D.	Annals of Animal Science	2
1811	2021	Evolution of volatile compounds during dry-cured deer loin processing	Vargas-Ramella M., Munekata P.E.S., Pateiro M., Franco D., Lorenzo J.M., Dominguez R.	International Journal of Food Science and Technology	2
1812	2021	Aot + polyethylene glycol eutectics for enhanced oil recovery	Gallego C., Somoza A., Rodriguez H., Soto A.	Applied Sciences (Switzerland)	2
1813	2021	Swath-ms quantitative proteomic analysis of deer antler from two regenerating and mineralizing sections	Lopez-Pedrouso M., Lorenzo J.M., Landete-Castillejos T., Chonco L., Perez-Barberia F.J., Garcia A., Lopez-Garrido M.-P., Franco D.	Biology	2
1814	2021	Characterization of alkanolamine blends for carbon dioxide absorption. Corrosion and regeneration studies	Sanchez-Bautista A., Palmero E.M., Moya A.J., Gomez-Diaz D., La Rubia M.D.	Sustainability (Switzerland)	2
1815	2021	Understanding the microbial trends in a nitrification reactor fed with primary settled municipal wastewater	Pedrouso A., Correa-Galeote D., Maza-Marquez P., Juarez-Jimenez B., Gonzalez-Lopez J., Rodelas B., Campos J.L., Mosquera-Corral A., Val del Rio A.	Separation and Purification Technology	2
1816	2021	Surface Tension of N-Methyldiethanolamine in Methanol or in Methanol Aqueous Solutions as a Solvent at Temperatures from 293.15 to 323.15 K	Alvarez E., Cerdeira F., Navaza J.M., Tamajon F.J.	Journal of Chemical and Engineering Data	2
1817	2021	Establishing the multi-criteria roadmap and metrics for the evaluation of active films for food packaging	Arias A., Feijoo G., Moreira M.T.	Current Research in Green and Sustainable Chemistry	2
1818	2020	Chapter 3: Controlling Biogenic Amine Formation in Food	Lorenzo J.M., Munekata P.E., Gomez B., Maggolino A., Franco D., De Palo P., Barba F.J.	Food Chemistry, Function and Analysis	2
1819	2019	Goose, Duck and Garganey	Munekata P.E.S., Tomasevic I., Franco D., Barba F.J., Gomez B., Lorenzo J.M.	More than Beef, Pork and Chicken - The Production, Processing, and Quality Traits of Other Sources of Meat for Human Diet	2
1820	2019	Transformation of organic contamination from wastewater into bioplastics (polyhydroxyalkanoate) by microorganisms	Fra-Vazquez A., Palmeiro-Sanchez T., Del Rio A., Mosquera-Corral A.	Wastewater Treatment Residues as Resources for Biorefinery Products and Biofuels	2
1821	2019	Addressing environmental criteria and energy footprint in the selection of feedstocks for bioenergy production	Salim I., Lijo L., Moreira M.T., Feijoo G.	Environmental Footprints and Eco-Design of Products and Processes	2
1822	2019	Energy footprint of biorefinery schemes	Bello S., Feijoo G., Moreira M.T.	Environmental Footprints and Eco-Design of Products and Processes	2
1823	2018	Characterization of an Epoxy Network with Gold Nanoparticles Using Dielectric Analysis	Fraga F., Torres C., Rodriguez-Nunez E., Martinez-Ageitos J.M., Vazquez-Barreiro E.C., Suarez-Pereiro F., Miragaya J.	Advances in Polymer Technology	2
1824	2018	Prediction of foal individual primal cuts yield using video image analysis	Lorenzo J.M., Guedes C.M., Zdolec N., Sarries M.V., Franco D., De Palo P., Muchenje V., Silva S.R.	South African Journal of Animal Sciences	2
1825	2017	Implementation of linear programming and life cycle approach in an Excel application to determine ecoefficiency	Feijoo G., Sanmartin S., Moreira M.T.	Computer Aided Chemical Engineering	2

1826	2016	Anammox process: Technologies and application to industrial effluents	Val Del Rio A., Fuentes A.P., Giustinianovich E.A., Campos Gomez J.L., Mosquera-Corral A.	Technologies for the Treatment and Recovery of Nutrients from Industrial Wastewater	2
1827	2016	Carbon Dioxide and n-Hexane Absorption Using a Gas-Liquid-Liquid Reactor	Gomez-Diaz D., Lopez-Rivas D., Navaza J.M., Couvert A.	Chemical Engineering and Technology	2
1828	2015	Influence of surfactant upon SO ₂ absorption with and without chemical reaction	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Sanjurjo B.	Indian Journal of Chemical Technology	2
1829	2015	Ecological footprints in the textile industry	Roca E., Herva D.M.	Handbook of Life Cycle Assessment (LCA) of Textiles and Clothing	2
1830	2014	PRTRval: A software tool for the validation of E-PRTR emissions data	Dios M., Moran M., Carrera F., Pombo C., Souto J.A., Casares J.J., Diaz A., Saez A.	International Journal of Environment and Pollution	2
1831	2013	Density, speed of sound, and viscosity of monoethanolamine + water + n -ethyl-2-pyrrolidone from T = (293.15 to 323.15) K	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	2
1832	2013	Application of a three-compartment model as a tool to understand the partition of 17 α -ethinylestradiol in mixed liquor systems	Serrano D., Omil F., Lema J.M., Patureau D.	Environmental Progress and Sustainable Energy	2
1833	2013	Chemical reaction effect upon gas-liquid interfacial area in a bubble column reactor	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	International Journal of Chemical Reactor Engineering	2
1834	2013	Control of a biological nitrogen removal process in an intensified single reactor configuration	Vangsgaard A.K., Mauricio-Iglesias M., Gernaey K.V., Smets B.F., Sin G.	Computer Aided Chemical Engineering	2
1835	2012	Valorization of organic wastes as fertilizer: Environmental concerns of composting and anaerobic digestion technologies	Lopes C., Herva M., Garcia-Dieguez C., Roca E.	Organic Fertilizers: Types, Production and Environmental Impact	2
1836	2012	An ensemble-in-time forecast of solar irradiance	Diaz D., Souto J.A., Rodriguez A., Saavedra S., Casares J.J.	Renewable Energy and Power Quality Journal	2
1837	2011	UAS architecture for forest fire remote sensing	Royo P., Pastor E., Sole M., Lema J.M., Lopez J., Barrado C.	34th International Symposium on Remote Sensing of Environment - The GEOS Era: Towards Operational Environmental Monitoring	2
1838	2011	Antioxidant activity of pine bark procyanidins in bulk corn oil and corn oil-in-water emulsions	Jerez M., Deive F.J., Sineiro J., Nunez M.J.	European Journal of Lipid Science and Technology	2
1839	2011	Novel biological nitrogen-removal processes: Applications and perspectives	Campos J.L., Vazquez-Padin J.R., Figueroa M., Fajardo C., Mosquera-Corral A., Mendez R.	Fluid Waste Disposal	2
1840	2010	Investigation of fivefold symmetry at the liquid Pb/Si(001) interface: An ab initio molecular dynamics study	Souto J., Alemany M.M.G., Longo R.C., Gallego L.J., Gonzalez L.E., Gonzalez D.J.	Physical Review B - Condensed Matter and Materials Physics	2
1841	2010	Treatment of sanitary landfill leachates in a lab-scale Gradual Concentric Chamber (GCC) reactor	Mendoza L., Verstraete W., Carballa M.	Applied Biochemistry and Biotechnology	2
1842	2010	Influence of pre-treatment methods on the adsorption of cadmium ions by chestnut shell	Vazquez G., Mosquera O., Freire M.S., Antorrena G., Gonzalez-Alvarez J.	WIT Transactions on Ecology and the Environment	2
1843	2009	Kinematic viscosity of aqueous solutions of ethanol and glucose in the range of temperatures from 20 to 45°C	Moreira R., Chenlo F., Saint-Olympe A.	International Journal of Food Properties	2
1844	2008	Anaerobic treatment of low-strength synthetic TCF effluents and biomass adhesion in fixed-bed systems	Mosquera-Corral A., Belmar A., Decap J., Sossa K., Urrutia H., Vidal G.	Bioprocess and Biosystems Engineering	2
1845	2008	[Applications of ecological footprint, Aplicaciones de la huella ecológica]	Herva M., Franco A., Roca E., Ferreiro S.	Ingenieria Quimica	2
1846	2008	[Osmotic dehydration of chestnut using static and dynamic media of salt, sucrose and glucose, Deshidratación osmótica de castaña en medios estáticos y dinámicos de sal, sacarosa y glucosa]	Chenlo F., Moreira R., Torres M.D., Ferra J.	Ciencia y Tecnologia Alimentaria	2
1847	2007	[New absorbent for CO ₂ removal, Nuevo absorbente para la eliminación de CO ₂]	Gomez-Diaz D., Navaza J.M., Sanjurjo B., Vazquez-Orgeira L.	Afinidad	2
1848	2007	Assessing the degradation of ochratoxin a using a bioassay: The case of contaminated winery wastewater	Nogueira R., Estevinho I., Abrunhosa L., Mendonca C., Machado P., Carballa M., Brito A.G., Venancio A.	Water Science and Technology	2
1849	2005	Fractionation and characterization of proteins from Gevuina avellana and Rosa rubiginosa seeds	Moure A., Rua M.L., Sineiro J., Dominguez H.	JAOCs, Journal of the American Oil Chemists' Society	2
1850	2005	[Multimedia modeling as a tool of environmental impact management (I), Modelización multimedia como herramienta para la gestión de impactos ambientales (I)]	Silva Gomez A., Roget Salgado F., Bello Bugallo P.M., Casares Long J.J.	Afinidad	2

1851	2005	[Development of an adsorbent based on tannins from Pinus pinaster bark, Desarrollo de un Adsorbente Basado en Taninos de Corteza de Pinus pinaster]	Vazquez G., Gonzalez-Alvarez J., Freire S., Antorrena G.	Informacion Tecnologica	2
1852	2003	Nuevos biorreactores híbridos para el tratamiento de aguas residuales	Oyanedel V., Garrido J.M., Mendez R.	Ingenieria Quimica	2
1853	2002	Proceso de fabricación de bioetanol (y III)	Hospido Quintana A., Diaz Ramos A.M., Moreira Vilar M.T., Feijoo Costa G.	Ingenieria Quimica	2
1854	2002	Adsorption of sodium on O2-prebleached eucalyptus globulus kraft pulp	Vazquez G., Lopez M., Gonzalez J., Antorrena G.	Tappi Journal	2
1855	2001	Physical properties and their changes on mixing at 298.15 K and atmospheric pressure for the 2-ethoxy-2-methylbutane + methanol + water system	Arce A., Arce Jr. A., Rodil E., Soto A.	Journal of Chemical and Engineering Data	2
1856	2000	Some proposals about the vector and parallel implementations of STEM-II	Singh D.E., Arenaz M., Rivera F.F., Bruguera J.D., Tourino J., Doallo R., Mendez M.R., Souto J.A., Casares J.J.	Environmental Studies	2
1857	2000	Courseware for remote learning in environmental engineering	Engel C., Souto J.A., Bello P.M., Casares J.J.	Environmental Progress	2
1858	1998	[Bleaching of kaolins with Aspergillus Niger, Bioblanqueo de caolines con aspergillus niger]	Cameselle C., Nunez M.J., Lema J.M.	Afinidad	2
1859	1998	Plasmid stability in recombinant Saccharomyces cerevisiae expressing the EXG1 gene in free and immobilized cultures	Guillan A., Lu Chau T., Roca E., Nunez M.J., Lema J.M.	Progress in Biotechnology	2
1860	1998	In vitro degradation of the dye Poly R-478 by crude and semipurified manganese peroxidase	Palma C., Moreira M.T, Feijoo G., Lema J.M.	Proceedings of the International Conference on Biotechnology in the Pulp and Paper Industry	2
1861	1997	[Dynamic simulation of the competition between methane-producing bacteria and sulphate-reducing bacteria in anaerobic reactors from granular sludges, Simulación dinámica de la competición entre bacterias productoras de metano y bacterias sulfato reductoras en reactores anaerobios de lodos granulares]	Omil F., Visser A., Hulshoff Pol L.W., Lettinga G.	Afinidad	2
1862	1996	[Wastewaters nitrifying: Biomass in suspension and biofilms processes, Nitrificación de aguas residuales: Procesos de biomasa en suspensión y procesos de biopelículas]	Garrido Fernandez J.M., Mendez Pampin R., Lema J.M.	Afinidad	2
1863	1996	La industria de pasta celulosa y papel: (I) Procesos productivos y generacion de efluentes	Vidal G., Mendez R., Lema J.M., Soto M.	Ingenieria Quimica	2
1864	1995	Analysis of the relationship between ternary mixtures and their binary subsystems as represented by the uniquac and nrtl models	Arce A., Blanco M., Martinez-Ageitos J., Vidal I.	Thermochimica Acta	2
1865	1995	Determination of inhibitory effects in fermentation processes by microcalorimetric techniques	Chamy R., Nunez-Regueira L., Gomez I., Nunez M.J., Lema J.M.	Biotechnology Techniques	2
1866	1994	A simple flow meter for bioreactors applicable to oscillating feed systems	Roca E., Flores J., Fernandez J.M., Lema J.M.	Biotechnology Techniques	2
1867	1989	The D-xylose fermenting capacities of immobilized Pichia stipitis and Pachysolen tannophilus	Nunez M.J., Sanroman A., Lopez E., Vazquez G., Lema J.M.	Biotechnology Letters	2
1868	1989	Effect of C/N/P ratio on the performance of a downflow stationary fixed film reactor (DSFFR) working at low organic loading rates	Mendez R., Pan L.M., Lema J.M.	Water Science and Technology	2
1869	1987	INFLUENCE OF VISCOSITY ON THE DISTRIBUTION OF SURFACE VELOCITIES.	Vazquez G., Antorrena G.M., Navaza J.M., Vega J.L.	International chemical engineering	2
1870	1986	Vapour-liquid equilibrium of the system benzene + cyclohexane + 1-propanol at 760 mm Hg	Arce A., Blanco A., Tojo T.	Fluid Phase Equilibria	2
1871	2023	Towards a Green Port strategy: The decarbonisation of the Port of Vigo (NW Spain)	Botana C., Fernandez E., Feijoo G.	Science of the Total Environment	1
1872	2023	Prospective LCA to provide environmental guidance for developing waste-to-PHA biorefineries	Saavedra del Oso M., Mauricio-Iglesias M., Hospido A., Steubing B.	Journal of Cleaner Production	1
1873	2023	The potential of proteomics in the study of processed meat products	Agregan R., Pateiro M., Kumar M., Franco D., Capanoglu E., Dhama K., Lorenzo J.M.	Journal of Proteomics	1
1874	2022	The role of emerging technologies in the dehydration of berries: Quality, bioactive compounds, and shelf life	Pateiro M., Vargas-Ramella M., Franco D., Gomes da Cruz A., Zengin G., Kumar M., Dhama K., Lorenzo J.M.	Food Chemistry: X	1
1875	2022	Operating strategies to optimize a membrane bioreactor enriched in nitrite-dependent anaerobic methane-oxidizing bacteria	Arias A., Allegue T., Darwich A., Fachal-Suarez M., Martinez-Quintela M., Omil F., Manuel Garrido J.	Chemical Engineering Journal	1
1876	2022	Structure of fungal communities in sequencing batch reactors operated at different salinities for the selection of triacylglyceride-producers from a fish-canning lipid-rich waste stream	Correa-Galeote D., Argiz L., Mosquera-Corral A., del Rio A.V., Juarez-Jimenez B., Gonzalez-Lopez J., Rodelas B.	New Biotechnology	1
1877	2022	Functionalisation of organosolv lignin by enzymatic demethylation for bioadhesive formulation	Gonzalez-Rodriguez S., Lu-Chau T.A., Chen X., Eibes G., Pizzi A., Feijoo G., Moreira M.T.	Industrial Crops and Products	1
1878	2022	Evaluation of surfactant blends for enhanced oil recovery through activity maps	Tafur N., Somoza A., Soto A.	Journal of Molecular Liquids	1
1879	2022	Balance between Hosts and Guests: The Key to Sustainable Tourism in a Heritage City	Rama M., Carral E., Gonzalez-Garcia S., Torres-Feijo E., del Rio M.L., Moreira M.T., Feijoo G.	Sustainability (Switzerland)	1
1880	2022	Introducing lupin in autochthonous wheat rotation systems in Galicia (NW Spain): An environmental and economic assessment	Rebolledo-Leiva R., Almeida-Garcia F., Pereira-Lorenzo S., Ruiz-Nogueira B., Moreira M.T., Gonzalez-Garcia S.	Science of the Total Environment	1

1881	2022	Assessing of the most appropriate biotechnological strategy on the recovery of antioxidants from beet wastes by applying the life cycle assessment (LCA) methodology	Arias A., Feijoo G., Moreira M.T.	Food and Bioproducts Processing	1
1882	2022	Antioxidant potential and antiangiogenic activity of <i>Tetraselmis suecica</i> grown in a semicontinuous culture	Renteria-Mexia A., Ulloa-Mercado G., Gortares-Moroyoqui P., Gonzalez-Mercado A., Sanchez M., Sineiro J., Nunez M.J.	Journal of Chemical Technology and Biotechnology	1
1883	2022	3D Printing: An Emerging Technology for Biocatalyst Immobilization	Pose-Boirazian T., Martinez-Costas J., Eibes G.	Macromolecular Bioscience	1
1884	2022	New Environmental Approach Based on a Combination of Planetary Boundaries and Life Cycle Assessment in the Wood-Based Bioadhesive Market	Arias A., Feijoo G., Moreira M.T.	ACS Sustainable Chemistry and Engineering	1
1885	2022	Sustainable Wastewater Management and Treatment	Campos J.L., Mosquera-Corral A., Val del Rio A., Pedrouso A.	Sustainability (Switzerland)	1
1886	2022	Evaluation of climate change effects on food sustainability, safety and quality	Hospido A., Membre J.-M.	Trends in Food Science and Technology	1
1887	2022	Assessment of caspase activity in post mortem muscle as a way to explain characteristics of DFD beef	Fuente-Garcia C., Aldai N., Sentandreu E., Olivan M., Franco D., Garcia-Torres S., Sentandreu M.A.	Journal of Food Composition and Analysis	1
1888	2022	Polyphenols extraction kinetics from <i>Ascophyllum nodosum</i> seaweed employing water and saltwater: Effect of ultrasound sonication	Gisbert M., Sineiro J., Moreira R.	Algal Research	1
1889	2022	Influence of pork backfat replacement by microencapsulated fish oil on physicochemical, rheological, nutritional, and sensory features of pork liver pâtés	Vargas-Ramella M., Lorenzo J.M., Zamuz S., Montes L., Santos Lopez E.M., Moreira R., Franco D.	LWT	1
1890	2022	Unraveling the impact of viscosity and starch type on the in vitro starch digestibility of different gels	Santamaria M., Montes L., Garzon R., Moreira R., Rosell C.M.	Food and Function	1
1891	2022	Engineering the outcome of cofermentation processes by altering the feedstock sugar-to-protein ratio	Bevilacqua R., Mauricio-Iglesias M., Balboa S., Lema J.M., Carballa M.	Environmental Science: Water Research and Technology	1
1892	2022	Waste biorefinery towards a sustainable biotechnological production of pediocin: Synergy between process simulation and environmental assessment	Arias A., Barreiro D., Feijoo G., Moreira M.T.	Environmental Technology and Innovation	1
1893	2022	Modelling and Environmental Profile Associated with the Valorization of Wheat Straw as Carbon Source in the Biotechnological Production of Manganese Peroxidase	Gonzalez-Rodriguez S., Arias A., Feijoo G., Moreira M.T.	Sustainability (Switzerland)	1
1894	2022	Dynamics of PHA-Accumulating Bacterial Communities Fed with Lipid-Rich Liquid Effluents from Fish-Canning Industries	Correa-Galeote D., Argiz L., Val Del Rio A., Mosquera-Corral A., Juarez-Jimenez B., Gonzalez-Lopez J., Rodelas B.	Polymers	1
1895	2022	A proteomic approach for in-depth characterization and understanding the impact of immunocastration on dry-cured ham of male and female pigs	Lopez-Pedrouso M., Lorenzo J.M., Perez-Ciria L., Ripoll G., Latorre M.A., Franco D.	Food Research International	1
1896	2022	Optimization of Nutritional and Operational Conditions for Producing PHA by the Halophilic Bacterium <i>Halomonas boliviensis</i> from Oil Palm Empty Fruit Bunch and Gluten Hydrolysates	Arcila-Echavarría D.C., Lu-Chau T.A., Gomez-Vanegas N.A., Penuela-Vasquez M., Marsiglia-Lopez D.E.	Waste and Biomass Valorization	1
1897	2022	Chain elongation may occur in protein mixed-culture fermentation without supplementing electron donor compounds	Bevilacqua R., Regueira A., Mauricio-Iglesias M., Lema J.M., Carballa M.	Journal of Environmental Chemical Engineering	1
1898	2022	General guidelines for a successful joint determination of the diffusion and the partition coefficients in polymeric food contact materials based on optimal experimental design	Martinez-Lopez B., Mauricio-Iglesias M.	Journal of Applied Polymer Science	1
1899	2022	Cultivable microalgae diversity from a freshwater aquaculture filtering system and its potential for polishing aquaculture-derived water streams	Couto A.T., Cardador M., Santorio S., Arregui L., Sicuro B., Mosquera-Corral A., Castro P.M.L., Amorim C.L.	Journal of Applied Microbiology	1
1900	2022	Modeling the Impact of Salinity Variations on Aquatic Environments: Including Negative and Positive Effects in Life Cycle Assessment	Roibas-Rozas A., Nunez M., Mosquera-Corral A., Hospido A.	Environmental Science and Technology	1
1901	2022	How can we validate the environmental profile of bioplastics? Towards the introduction of polyhydroxyalkanoates (PHA) in the value chains	Roibas-Rozas A., Saavedra del Oso M., Zarroli G., Mauricio-Iglesias M., Mosquera-Corral A., Fiore S., Hospido A.	Assessing Progress Towards Sustainability: Frameworks, Tools and Case Studies	1
1902	2022	Assessing Progress Towards Sustainability: Frameworks, Tools and Case Studies	Teodosiu C., Fiore S., Hospido A.	Assessing Progress Towards Sustainability: Frameworks, Tools and Case Studies	1
1903	2022	Nanofluid based on 1-dodecylpyridinium chloride for enhanced oil recovery	Al-Asadi A., Somoza A., Arce A., Rodil E., Soto A.	Petroleum Science	1
1904	2022	Monitoring morphological changes from activated sludge to aerobic granular sludge under distinct organic loading rates and increasing minimal imposed sludge settling velocities through quantitative image analysis	Silva S.A., Val del Rio A., Amaral A.L., Ferreira E.C., Madalena Alves M., Mesquita D.P.	Chemosphere	1
1905	2021	Encompassing health and nutrition with the adherence to the environmentally sustainable New Nordic Diet in Southern Europe	Cambeses-Franco C., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Journal of Cleaner Production	1

1906	2021	Highly viscous fluid displaced by a chemically controlled reactive interface	Tafur N., Escala D.M., Soto A., Munuzuri A.P.	Chaos	1
1907	2021	Nanomaterial synthesis in ionic liquids and their use on the photocatalytic degradation of emerging pollutants	Corchero R., Rodil R., Soto A., Rodil E.	Nanomaterials	1
1908	2021	PORK: Meat Quality and Processed Meat Products	Munekata P.E.S., Pateiro M., Franco D., Lorenzo J.M.	Pork: Meat Quality and Processed Meat Products	1
1909	2021	Dry-Cured Ham	Perez-Santaescolastica C., Munekata P.E.S., Pateiro M., Bastianello Campagnol P.C., Franco D., Dominguez R., Lorenzo J.M.	Pork: Meat Quality and Processed Meat Products	1
1910	2021	How should ecohazard of micropollutants in wastewater be gauged? Using bioassays to profile alternative tertiary treatments	Papa M., Paredes L., Feretti D., Viola G., Mazzoleni G., Steimberg N., Pedrazzani R., Lema J., Omil F., Carballa M.	Environmental Engineering Research	1
1911	2021	[Effect of sex and liquid feeding with potato on the pork lipid profile, Efecto del sexo y de la alimentación líquida con patata sobre el perfil lipídico en carne de cerdo]	Gonzalez-Torres I., Gonzalez P., Cobas N., Barrio J.C., Vazquez L., Purrinos L., Franco D., Dominguez R., Lorenzo J.M.	ITEA Informacion Tecnica Economica Agraria	1
1912	2020	In vitro and in vivo antioxidant activity of anthocyanins	Lopez-Pedrouso M., Kovacevic D.B., Oliveira D., Putnik P., Moure A., Lorenzo J.M., Dominguez H., Franco D.	Anthocyanins: Antioxidant Properties, Sources and Health Benefits	1
1913	2019	Effect of brown seaweed addition and starch gelatinization on gluten-free chestnut flour doughs and cookies	Arufe S., Chenlo F., Sineiro J., Moreira R.	Journal of Food Measurement and Characterization	1
1914	2019	Environmental concerns on the production of value-added bioproducts from residual renewable sources	Gonzalez-Garcia S., Gullon B., Feijoo G., Moreira M.T.	Advances in Feedstock Conversion Technologies for Alternative Fuels and Bioproducts: New Technologies, Challenges and Opportunities	1
1915	2019	Predicting Accumulation of Intermediate Compounds in Nitrification and Autotrophic Denitrification Processes: A Chemical Approach	Campos J.L., Dumais J., Pavissich J.P., Franchi O., Crutchik D., Belmonte M., Faundez M., Jorquera L., Pedrouso A., Mosquera-Corral A., Val Del Rio A.	BioMed Research International	1
1916	2018	CO2 absorption with tri-n-butylamine in GL and GLL systems	Gomez-Diaz D., Grueiro J., Navaza J.M., Noval C.	Energy	1
1917	2018	Corrigendum to Biochem. Eng. J., 17 (2004) 91–97 by Y.O. Shin, E. Rodil and J.H. Vera (S1369703X0300144X) (10.1016/S1369-703X(03)00144-X)	Wilczek-Vera G., Dumortier Shin Y., Rodil E., Vera J.H.	Biochemical Engineering Journal	1
1918	2018	Erratum to: Reverse Micellar Extraction and Precipitation of Lysozyme Using Sodium Di(2-ethylhexyl) Sulfosuccinate (Biotechnology Progress, (2003), 19, 3, (928-935), 10.1021/bp025789r)	Wilczek-Vera G., Dumortier Shin Y.O., Rodil E., Vera J.H.	Biotechnology Progress	1
1919	2017	[The impact of endocrine disrupting chemicals on the environmental and their potential biotransformation by white-rot fungi and their oxidative enzymes, El impacto de los compuestos disruptores endocrinos sobre el medio ambiente y su potencial biotransformacion por hongos de pudricion blanca y sus enzimas oxidativas]	Taboada-Puig R., Moreira M.T., Agathos S.N., Lema J.M.	Bionatura	1
1920	2017	Fish-canning wastewater treatment by means of aerobic granular sludge for C, N and P removal	Campo R., Carrera-Fernandez P., Di Bella G., Mosquera-Corral A., Val del Rio A.	Lecture Notes in Civil Engineering	1
1921	2016	Modelling and control of nitrogen and phosphorus removing systems	Valverde-Perez B., Flores-Alsina X., Vangsgaard A.K., Mauricio-Iglesias M.	Technologies for the Treatment and Recovery of Nutrients from Industrial Wastewater	1
1922	2016	Pollutant levels in discarded fish species by Spanish trawlers operating in the Great Sole Bank and the Atlantic coast of the Iberian Peninsula	Antelo L.T., Ordonez-del Pazo T., Lopes C., Franco-Uria A., Perez-Martin R.I., Alonso A.A.	Marine Pollution Bulletin	1
1923	2016	Use of New Regeneration Processes for Thermolabile Amines	Gomez-Diaz D.	International Journal of Chemical Reactor Engineering	1
1924	2016	Effect of the terrain features on the accuracy of calmet. A complex terrain case study	Hernandez A., Gonzalez J.A., Casares J.J.	HARMO 2016 - 17th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings	1
1925	2016	The use of grape seed extract on meat products: A review	Franco D., Carballo J., Lorenzo J.M.	Grape Seeds: Nutrient Content, Antioxidant Properties and Health Benefits	1
1926	2016	Optimal experimental design in the evaluation of food packaging compliance with safety regulations	Mauricio-Iglesias M.	IFAC-PapersOnLine	1
1927	2015	Studies of Absorption in Sanitary Protective Gloves	Fraga F., Rodriguez-Nunez E., Diaz De Freijo S., Martinez-Ageitos J.M., Suarez-Pereiro F.	Journal of Testing and Evaluation	1

1928	2015	Testing new ensemble forecasts of solar irradiance	Botana J.M., Rodriguez A., Gonzalez J.A.	Renewable Energy and Power Quality Journal	1
1929	2014	Regional assessment of a regional bottom-up cattle air pollutants emissions inventory against European emissions inventories	Moran M., Gonzalez J.A., Dios M.	HARMO 2014 - 16th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings	1
1930	2014	PRESAXIO regional air quality modelling system: Validation and applications	Souto J.A., Saavedra S., Rodriguez A., Dios M., Lopez J., Hernandez-Garces A., Cartelle D., Vellon J.M., Gallego N., Macho M.L.	International Journal of Environment and Pollution	1
1931	2013	Validation of WRF Model During O3 Episodes in an Atlantic Coastal Region	Vazquez S.S., Lopez A.R., Souto J.A., Casares J.J.	NATO Science for Peace and Security Series C: Environmental Security	1
1932	2013	[Use of activated carbon for the removal of pharmaceutical and personal care micropollutants in biological reactors, Uso de carbon activo para la eliminación de microcontaminantes farmacéuticos y cosméticos en reactores biológicos de tratamiento de aguas]	Serrano D., Suarez S., Lema J.M., Omil Y.F.	Afinidad	1
1933	2013	H15-112: Prtrval: A software tool for the validation of European Pollutant Release and Transfer Register emissions data	Dios M., Moran M., Carrera F., Pombo C., Souto J.A., Casares J.J., Diaz A., Saez A.	Proceedings of the 15th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, HARMO 2013	1
1934	2013	H15-310: Regional air quality management assessment by using CHIMERE air quality model	Souto J.A., Saavedra S., Rodriguez A., Dios M., Lopez J., Cartelle D., Vellon J.M., Gallego N., Macho M.L.	Proceedings of the 15th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, HARMO 2013	1
1935	2013	Influence of a second liquid phase upon carbon dioxide chemical absorption	Couvert A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Rodriguez-Dafonte P.	International Journal of Chemical Reactor Engineering	1
1936	2013	A fuzzy-logic based diagnosis and control of a reactor performing complete autotrophic nitrogen removal	Mauricio-Iglesias M., Vangsgaard A.K., Gernaey K.V., Sin G.	IFAC Proceedings Volumes (IFAC-PapersOnline)	1
1937	2012	NMR studies in carbon dioxide - Amine chemical absorption	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Rumbo A.	CHISA 2012 - 20th International Congress of Chemical and Process Engineering and PRES 2012 - 15th Conference PRES	1
1938	2012	Dynamic multi-criteria decision analysis of electricity generation mix choices for future sustainability	Del Riego D.G., Souto J.A., Casares J.J.	Proceedings of the IASTED International Conference on Power and Energy Systems, EuroPES 2012	1
1939	2012	Integration of SAA Capabilities into a UAS Distributed Architecture for Civil Applications	Royo P., Santamaria E., Lema J.M., Pastor E., Barrado C.	Sense and Avoid in UAS: Research and Applications	1
1940	2012	Controlled power distributed photovoltaic system using solar energy forecast	Diaz D., Souto J.A., Rodriguez A., Saavedra S., Casares J.J., Garcia-Loureiro A., Varela R., Rodriguez-Legarreta M.J., Rodriguez-Aneiros J.	Renewable Energy and Power Quality Journal	1
1941	2012	Gases separation by ZSM-5 based membranes	Lopez A.B., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Procedia Engineering	1
1942	2012	Study of the antioxidant potential of forestry biomass waste	Fernandez-Agullo A., Gomez-Castro C., Soto L., Freire M.S., Gonzalez-Alvarez J.	WIT Transactions on Ecology and the Environment	1
1943	2012	A systematic methodology for controller tuning in wastewater treatment plants	Mauricio-Iglesias M., Jorgensen S.B., Sin G.	IFAC Proceedings Volumes (IFAC-PapersOnline)	1
1944	2012	Evaluation of the E-PRTR emissions inventory: The Galician case	Dios M., Moran M., Carrera F., Sout J.A., Casares J.J., Diaz A., Macho M.L.	WIT Transactions on Ecology and the Environment	1
1945	2012	EDITORIAL - SS&T Special Issue on Ionic Liquids for Separations	Chen J., Rodriguez H., Rogers R.D.	Separation Science and Technology	1

1946	2011	Apparent viscosity model for hydrocollids blends	Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	Electronic Journal of Environmental, Agricultural and Food Chemistry	1
1947	2011	Organic waste valorization in agriculture and its environmental risk implications	Lopes C., Herva M., Franco-Uria A., Roca E.	Pollution Control: Management, Technology and Regulations	1
1948	2011	[Meat quality of galician mountain foals from three different farms, Calidad de la carne de potro gallego de monte en diferentes explotaciones]	Franco D., Fernandez M., Rodriguez E., Garcia L., Lorenzo J.M.	Archivos de Zootecnia	1
1949	2011	[Growth and carcass parameters of the Ovella Galega sheep breed lambs at the slaughter age of 45 days, Parámetros de crecimiento y de la canal de corderos de la raza Ovella Galega sacrificados a 45 días]	Fernandez M., Adan S., Dominguez B., Rivero C.J., Justo J.R., Arias A., Garcia-Fontan M.C., Lorenzo J.M., Lama J.J., Lopez C., Rois D., Feijoo J., Franco D.	Archivos de Zootecnia	1
1950	2010	Theoretical determination of sorption isotherms applied to process chestnut with osmotic pre-treatments based on its chemical composition	Chenlo F., Moreira R., Torres M.D.	Acta Horticulturae	1
1951	2010	Erratum: A review of methodological issues affecting LCA of novel food products (International Journal of Life Cycle Assessment (2010) 15 (44-52) DOI: 10.1007/s11367-009-0130-4)	Hospido A., Davis J., Berlin J., Sonesson U.	International Journal of Life Cycle Assessment	1
1952	2010	[Identification of microorganisms involved in nitrogen removal from wastewater treatment systems by means of molecular biology techniques, Identificación de microorganismos implicados en la eliminación de nitrógeno en sistemas de tratamiento de aguas residuales mediante técnicas de biología molecular]	Figueroa M., Alonso-Gutierrez J., Campos J.L., Mendez R., Mosquera-Corral A.	Tecnologia del Agua	1
1953	2010	An evaluation of road traffic emissions	Dios M., Castro M.S., Souto J.A., Casares J.J.	WIT Transactions on Ecology and the Environment	1
1954	2009	Surface characterization of rotary-peeled eucalyptus veneers by confocal laser scanning microscopy and surface free energy and contact angle determination	Vazquez G., Gonzalez-Alvarez J., Freire M.S., Santos J., Uceira R., Antorrena G.	WIT Transactions on Engineering Sciences	1
1955	2009	Erratum: Measurement of ion activity coefficients in aqueous solutions of mixed electrolyte with a common ion: NaNO ₃ + KNO ₃ , NaCl + KCl and NaBr + NaCl (Journal of Chemical and Engineering Data (2009) 54 (345-350))	Rodil E., Arce A., Wilczek-Vera G., Vera J.H.	Journal of Chemical and Engineering Data	1
1956	2009	Ionic liquids: Growth of a field through the eyes of the I&EC division	Rodriguez H., Gurau G., Rogers R.D.	ACS Symposium Series	1
1957	2009	Alkaline pre-extracted chestnut shell as a natural adsorbent: Optimization of phenol removal	Vazquez G., Gonzalez-Alvarez J., Freire M.S., Calvo M., Antorrena G.	Chemical Engineering Transactions	1
1958	2008	Enhancement of shelf life from meat proceeding from blond galician calves using antioxidant	Gonzalez L., Bispo E., Moreno T., Monserrat L., Franco D.	Electronic Journal of Environmental, Agricultural and Food Chemistry	1
1959	2008	[Identification of nitrogen removing microorganisms from wastewater treatment systems by FISH technique, Identificación de microorganismos implicados en la eliminación de nitrógeno en sistemas de tratamiento de aguas residuales mediante la técnica FISH]	Figueroa M., Vazquez-Padin J.R., Corral A.M., Campos J.L., Sanz J.L., Mendez R.	Tecnologia del Agua	1
1960	2008	Carbon dioxide mass transfer to non-linear alkanes	Gomez-Diaz D., Navaza J.M.	Canadian Journal of Chemical Engineering	1
1961	2008	Explaining the enhanced performance of pulsed bioreactors by mechanistic modeling	Franco A., Garcia C., Carrasco E.F., Roca E.	AIChE Journal	1
1962	2008	Modelling the impact of best available techniques for industrial emissions control in air quality: Setting up inventories and establishing projections	Rodriguez R., Maceira P., Souto J.A., Casares-Long J., Saez A., Costoya M.	NATO Science for Peace and Security Series C: Environmental Security	1
1963	2008	Colour changes during hot air-drying of chestnuts osmotically pre-treated with sodium chloride solutions	Moreira R., Chenlo F., Chaguri L.	Acta Horticulturae	1
1964	2008	Mass transfer analysis during osmotic dehydration of eggplant using binary solutions of sucrose and sodium chloride	Moreira R., Chenlo F., Vallejo N., Gerbet L.	Defect and Diffusion Forum	1
1965	2007	Solubility issues in environmental pollution	Arce A., Soto A.	Thermodynamics, Solubility and Environmental Issues	1
1966	2007	[Granular biomass reactors: More capacity in less space, Reactores de biomasa granular: Más capacidad en menos espacio]	Arrojo B., Padin J.R.V., Figueroa M., Corral A.M., Campos J.L., Mendez R.	Tecnologia del Agua	1
1967	2006	Effect of temperature upon electrical conductivity of sodium bis(2-ethylhexyl) sulfosuccinate + 2,2,4-trimethylpentane + water + phase transfer catalyst	Dasilva-Carvalho J., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C., Navaza J.M.	Journal of Chemical and Engineering Data	1
1968	2006	Calorimetric study of the system clorhydrate of chitosan/glutaraldehyde(1, 5-pentanedial)	Fraga F., Blanco J., Luzardo A., Leira L., Rodriguez-Nunez E., Martinez-Ageitos J.M., Castro-Diaz C.	Journal of Applied Polymer Science	1

1969	2006	Effective diffusion coefficients during osmotic dehydration of vegetables with different initial porosity	Mayor L., Moreira R., Chenlo F., Sereno A.M.	Defect and Diffusion Forum	1
1970	2006	Mass transfer analysis during osmotic dehydration of pumpkin fruits using binary and ternary aqueous solutions of sucrose and sodium chloride	Mayor L., Moreira R., Chenlo F., Sereno A.M.	Defect and Diffusion Forum	1
1971	2005	Kinetics of the enthalpy relaxation process for an epoxy network as determined with a peak shift model	Fraga F., Castro-Diaz C., Rodriguez-Nunez E., Martinez-Ageitos J.M.	Journal of Applied Polymer Science	1
1972	2004	Evaluation of air pollution modelling tools as environmental engineering courseware	Souto Gonzalez J.A., Bello Bugalio P.M., Casares Long J.J.	Water Science and Technology	1
1973	2003	Experimental and theoretical study of excess molar enthalpies for the ternary mixture: Butyl butyrate + 1-octanol + octane at 298.15 K	Garcia-Garabal S., Jimenez E., Segade L., Franjo C., Freire S., Jimenez De Llano J.	Fluid Phase Equilibria	1
1974	2003	Tratamiento de los efluentes de producción de tableros de fibra	Fernandez-Peteiro A., Omil F., Lema J.M., Perez D., Fernandez J.M.	Ingenieria Quimica	1
1975	2002	[Optimization of chemical processes by means of direct search methods, Optimización de procesos químicos mediante métodos de búsqueda directa]	Rodriguez J., Carrasco E.	Afinidad	1
1976	2002	Proceso de fabricación de bioetanol (I)	Lopez-Silva A.B., Moreira Vilar M.T., Lopez-Facal X., Feijoo Costa G.	Ingenieria Quimica	1
1977	2001	Simulación del proceso de síntesis del ETBE	Arias Vazquez J., Moreira Vilar M.T., Feijoo Costa G.	Ingenieria Quimica	1
1978	1999	[Prediction of kinematic viscosity of aqueous solutions of sodium or potassium carbonate and bicarbonate, Predicción de la viscosidad cinemática de disoluciones acuosas de carbonato y bicarbonato sódicos o potásicos]	Pereira G., Vazquez M.J., Moreira R., Chenlo F.	Afinidad	1
1979	1998	Isobaric (vapour + liquid) equilibrium of (ethanol + methanol + 2-methoxy-2-methylbutane)	Arce A., Martinez-Ageitos J., Rodil E., Soto A.	Journal of Chemical Thermodynamics	1
1980	1998	Decolorization of the dye Poly R478 by Phanerochaete chrysosporium in a continuous packed-bed bioreactor	Mielgo I., Palma C., Moreira M.T., Feijoo G., Lema J.M.	Proceedings of the International Conference on Biotechnology in the Pulp and Paper Industry	1
1981	1996	La industria de pasta celulosa y papel: (y II) tratamiento externo de los efluentes residuales	Vidal G., Mendez R., Lema J.M., Soto M.	Ingenieria Quimica	1
1982	1996	Knowledge based control applied to fixed bed pulsed bioreactors	Roca E., Flores J., Rodriguez I., Cameselle C., Nunez M.J., Lema J.M.	Bioprocess Engineering	1
1983	1996	Influence of preparation procedure on pine tannin-based cold-set glulam adhesives	Gonzalez J., Pizzi A.	Holz als Roh - und Werkstoff	1
1984	1996	[Improvement in the production of citric acid by means of immobilized A. niger, Mejora en la producción de ácido cítrico por efecto de la inmovilización de a. niger]	Cameselle C., Bisping B., Nunez M.J., Rehm H.J., Lema J.M.	Afinidad	1
1985	1995	Analysis of the relationship between ternary mixtures and their binary sub-systems as represented by the uniquac and nrtl models	Arce A., Blanco M., Martinez-Ageitos J., Vidal I.	Thermochimica Acta	1
1986	2023	Improving the sustainability of heterogeneous Fenton-based methods for micropollutant abatement by electrochemical coupling	Conde J.J., Abelleira S., Estevez S., Gonzalez-Rodriguez J., Feijoo G., Moreira M.T.	Journal of Environmental Management	0
1987	2023	Progress of social assessment in the framework of bioeconomy under a life cycle perspective	Rebolledo-Leiva R., Moreira M.T., Gonzalez-Garcia S.	Renewable and Sustainable Energy Reviews	0
1988	2023	A proteomic approach to identify biomarkers of foal meat quality: A focus on tenderness, color and intramuscular fat traits	Lopez-Pedrouso M., Lorenzo J.M., Cittadini A., Sarries M.V., Gagaua M., Franco D.	Food Chemistry	0
1989	2023	Corrigendum to relevance of sludge management practices and substance modeling in LCA for decision-making: A case study in Chile [Journal of Environmental Management 324 (2022) 116357] (Journal of Environmental Management (2022) 324, (S0301479722019302), (10.1016/j.jenvman.2022.116357))	Neumann P., Riquelme C., Cartes J., Kuschel-Otarola M., Hospido A., Vidal G.	Journal of Environmental Management	0
1990	2023	Electrochemical oxidation of lignin for the simultaneous production of bioadhesive precursors and value-added chemicals	Conde J.J., Gonzalez-Rodriguez S., Chen X., Lu-Chau T.A., Eibes G., Pizzi A., Moreira M.T.	Biomass and Bioenergy	0
1991	2023	Model-aided targeted volatile fatty acid production from food waste using a defined co-culture microbial community	Regueira A., Turunen R., Vuoristo K.S., Carballa M., Lema J.M., Uusitalo J., Mauricio-Iglesias M.	Science of the Total Environment	0
1992	2023	Environmental performance of rainbow trout (Oncorhynchus mykiss) production in Galicia-Spain: A Life Cycle Assessment approach	Sanchez-Matos J., Regueiro L., Gonzalez-Garcia S., Vazquez-Rowe I.	Science of the Total Environment	0
1993	2023	Influence of metabolism and microbiology on organic micropollutants biotransformation in anoxic heterotrophic reactors	Martinez-Quintela M., Balboa S., Coves J.R., Omil F., Suarez S.	Journal of Hazardous Materials	0
1994	2023	A clustering approach to analyse the environmental and energetic impacts of Atlantic recipes - A Galician gastronomy case study	Cambeses-Franco C., Gonzalez-Garcia S., Calvo-Malvar M., Benitez-Estevez A.J., Leis R., Sanchez-Castro J., Gude F., Feijoo G., Moreira M.T.	Journal of Cleaner Production	0
1995	2023	Modelling salinity effects on aerobic granular sludge treating fish-canning wastewater	Carrera P., Strubbe L., Val del Rio A., Mosquera-Corral A., Volcke E.I.P.	Environmental Science: Water Research and Technology	0
1996	2023	Solubility of Amino Acids in the Eutectic Solvent Constituted by Sodium Acetate Trihydrate and Urea and in Its Mixture with Water	Gallego C., Rodriguez H., Soto A.	International Journal of Molecular Sciences	0

1997	2023	Improvement of a Surfactant Blend for Enhanced Oil Recovery in Carbonate Reservoirs by Means of an Ionic Liquid	Tafur N., Munuzuri A.P., Soto A.	International Journal of Molecular Sciences	0
1998	2023	Macroalgae biorefineries as a sustainable resource in the extraction of value-added compounds	Arias A., Feijoo G., Moreira M.T.	Algal Research	0
1999	2023	Performance of Starch Gels on In Vitro Enzymatic Hydrolysis Assessed by Rheological Methodologies	Santamaria M., Montes L., Garzon R., Moreira R., Rosell C.M.	Starch/Staerke	0
2000	2023	Process modelling and environmental assessment on the valorization of lignocellulosic waste to antimicrobials	Arias A., Feijoo G., Moreira M.T.	Food and Bioproducts Processing	0
2001	2023	Fate of Emerging Pollutants During Anaerobic Digestion of Sewage Sludge	Gonzalez-Gil L., Carballa M., Lema J.M.	Handbook of Environmental Chemistry	0
2002	2022	Addressing the food, nutrition and environmental nexus: The role of socio-economic status in the nutritional and environmental sustainability dimensions of dietary patterns in Chile	Franco C.C., Rebolledo-Leiva R., Gonzalez-Garcia S., Feijoo G., Moreira M.T.	Journal of Cleaner Production	0
2003	2022	Relevance of sludge management practices and substance modeling in LCA for decision-making: A case study in Chile	Neumann P., Riquelme C., Cartes J., Kuschel-Otarola M., Hospido A., Vidal G.	Journal of Environmental Management	0
2004	2022	Identifying Key Environmental Indicators in the Assessment of the Proof-of-Concept in Pigment Production from the Marine Cyanobacterium <i>Cyanobium</i> sp.	Pagels F., Arias A., Guedes A.C., Vicente A.A., Vasconcelos V., Moreira M.T.	Applied Sciences (Switzerland)	0
2005	2022	Nanoparticles in Chemical EOR: A Review on Flooding Tests	Al-Asadi A., Rodil E., Soto A.	Nanomaterials	0
2006	2022	Optimising bioreactor processes with in-situ product removal using mathematical programming: A case study for propionate production	Van der Hauwaert L., Regueira A., Selder L., Zeng A.-P., Mauricio-Iglesias M.	Computers and Chemical Engineering	0
2007	2022	Microalgae-bacterial biomass outperforms PN-anammox biomass for oxygen saving in continuous-flow granular reactors facing extremely low-strength freshwater aquaculture streams	Santorio S., Val del Rio A., Amorim C.L., Couto A.T., Arregui L., Castro P.M.L., Mosquera-Corral A.	Chemosphere	0
2008	2022	Environmental assessment of the valorization of glycerol for the production of hyperthermophilic β -glucosidase under a biorefinery approach	Feijoo H., Arias A., Moreira M.T.	Sustainable Chemistry and Pharmacy	0
2009	2022	Blue carbon accounting as metrics to be taken into account towards the target of GHG emissions mitigation in fisheries	Entrena-Barbero E., Feijoo G., Gonzalez-Garcia S., Moreira M.T.	Science of the Total Environment	0
2010	2022	Influence of Oxidation and Dialysis of Phlorotannins on Bioactivity and Composition of Ultrasound-Assisted Extracts from <i>Ascophyllum nodosum</i>	Gisbert M., Sineiro J., Moreira R.	Marine drugs	0
2011	2022	Dark fermentation as an environmentally sustainable WIN-WIN solution for bioenergy production	Camacho C.I., Estevez S., Conde J.J., Feijoo G., Moreira M.T.	Journal of Cleaner Production	0
2012	2022	Carbon Dioxide Chemical Absorption Using Diamines with Different Types of Active Centers	Gomez-Diaz D., Navaza J.M., Rumbo A.	Separations	0
2013	2022	Potential and prospects for utilization of avocado by-products in integrated biorefineries	Rodriguez-Martinez B., Romani A., Eibes G., Garrote G., Gullon B., del Rio P.G.	Bioresource Technology	0
2014	2022	Determining the environmental and economic implications of lupin cultivation in wheat-based organic rotation systems in Galicia, Spain	Rebolledo-Leiva R., Almeida-Garcia F., Pereira-Lorenzo S., Ruiz-Nogueira B., Moreira M.T., Gonzalez-Garcia S.	Science of the Total Environment	0
2015	2022	Use of Near-Infrared Spectroscopy to Discriminate DFD Beef and Predict Meat Quality Traits in Autochthonous Breeds	Tejerina D., Olivan M., Garcia-Torres S., Franco D., Sierra V.	Foods	0
2016	2022	Offsetting the environmental impacts of single or multi-product biorefineries from wheat straw	Rebolledo-Leiva R., Moreira M.T., Gonzalez-Garcia S.	Bioresource Technology	0
2017	2022	Sulfamethoxazole Enhances Specific Enzymatic Activities under Aerobic Heterotrophic Conditions: A Metaproteomic Approach	Kennes-Veiga D.M., Trueba-Santiso A., Gallardo-Garay V., Balboa S., Carballa M., Lema J.M.	Environmental Science and Technology	0
2018	2022	Simplified engineering design towards a competitive lipid-rich effluents valorization	Argiz L., Val del Rio A., Correa-Galeote D., Rodelas B., Mosquera-Corral A.	Journal of Environmental Management	0
2019	2022	Editorial: Ecotechnologies for Wastewater Treatment - Impacting the environment with innovation in wastewater treatment	Antonelli M., Turolla A., Ficara E., Lema J., Canziani R., Malpei F.	Water Science and Technology	0
2020	2022	Membrane Fouling Mitigation in MBR via the Feast-Famine Strategy to Enhance PHA Production by Activated Sludge	Corsino S.F., Di Bella G., Traina F., Montes L.A., Val del Rio A., Corral A.M., Torregrossa M., Viviani G.	Membranes	0
2021	2022	Growing <i>Triticum aestivum</i> Landraces in Rotation with <i>Lupinus albus</i> and Fallow Reduces Soil Depletion and Minimises the Use of Chemical Fertilisers	Almeida-Garcia F., Lago-Oliveira S., Rebolledo-Leiva R., Gonzalez-Garcia S., Moreira M.T., Ruiz-Nogueiras B., Pereira-Lorenzo S.	Agriculture (Switzerland)	0
2022	2022	[Impact of the pre-slaughter transport (mixing or no mixing with unfamiliar animals) of calves of Asturiana de los Valles and Retinta breeds on physicochemical and organoleptic attributes of the ageing meat. Consumers' acceptability and preference, Impacto del modo de transporte al matadero (mezcla o no mezcla con animales extraños) de terneros de las razas Asturiana de los Valles y Retinta en los atributos físico-químicos y organolépticos de carne madurada. Aceptabilidad y preferencia de los consumidores]	Zamuz S., Garcia-Torres S., de Vaca M.C., Tejerina D., Ortiz A., Olivan M., Sierra V., Dineiro Y., Sentandreu M.A., Lopez-Pedrouso M., Purriños L., Lorenzo J.M., Franco D.	ITEA Informacion Tecnica Economica Agraria	0

2023	2022	In vitro inhibition of starch digestive enzymes by ultrasound-assisted extracted polyphenols from <i>Ascophyllum nodosum</i> seaweeds	Aleixandre A., Gisbert M., Sineiro J., Moreira R., Rosell C.M.	Journal of Food Science	0
2024	2022	Acetone + 1-ethyl-3-methylimidazolium acetate phase diagram: A correlation challenge	Marcilla A., Olaya M.D.M., Carbonell-Hermida P., Wojtczuk M.K., Rodriguez H., Rodil E., Soto A.	Fluid Phase Equilibria	0
2025	2022	Interactions between <i>Ascophyllum nodosum</i> Seaweeds Polyphenols and Native and Gelled Corn Starches	Gisbert M., Aleixandre A., Sineiro J., Rosell C.M., Moreira R.	Foods	0
2026	2022	N-and S-Doped Carbons Derived from Polyacrylonitrile for Gases Separation	Dominguez-Ramos L., Prieto-Estalrich A., Malucelli G., Gomez-Diaz D., Freire M.S., Lazzari M., Gonzalez-alvarez J.	Sustainability (Switzerland)	0
2027	2022	Factors That Affect Methane Yield Using Raw Olive Alperujo (Unhydrolyzed) as Substrate in BMP Assays	Ortega V., Donoso-Bravo A., Chamy-Maggy R., Campos J.L., Mosquera-Corral A., Belmonte M.	Recycling	0
2028	2022	Analgesic and antiinflammatory effects of <i>Nigella orientalis</i> L. seeds fixed oil: Pharmacological potentials and molecular mechanisms	Ait Eldjoudi D., Ruiz-Fernandez C., Gonzalez-Rodriguez M., Ait Atmane S., Cordero-Barreal A., Farrag Y., Pino J., Sineiro J., Lago F., Conde-Aranda J., Khettal B., Gualillo O.	Phytotherapy Research	0
2029	2022	Recovery of dialkylimidazolium-based ionic liquids from their mixtures with acetone or water by flash distillation	Caeiro N., Wojtczuk M.K., Rodriguez H., Rodil E., Soto A.	Journal of Molecular Liquids	0
2030	2022	Scale-up modelling and life cycle assessment of electrochemical oxidation in wastewater treatment	Feijoo S., Estevez S., Kamali M., Dewil R., Moreira M.T.	Chemical Engineering Journal	0
2031	2022	Environmental sustainability in energy production systems	Bacenetti J., Gonzalez-Garcia S.	Assessing Progress Towards Sustainability: Frameworks, Tools and Case Studies	0
2032	2022	Conclusions	Fiore S., Hospido A., Teodosiu C.	Assessing Progress Towards Sustainability: Frameworks, Tools and Case Studies	0
2033	2022	An integrated approach to assess the sustainability progress	Teodosiu C., Hospido A., Fiore S.	Assessing Progress Towards Sustainability: Frameworks, Tools and Case Studies	0
2034	2022	Water sorption isotherms of different sodium alginates: Thermodynamic evaluation and influence of mannuronate-guluronate copolymers	Montes L., Gisbert M., Moreira R.	Journal of Food Processing and Preservation	0
2035	2022	Lipids in human health: Importance of n-3 long-chain and CLA	Popova T., Lorenzo J.M., Franco D., Lopez-Pedrouso M.	Food Lipids: Sources, Health Implications, and Future Trends	0
2036	2022	Fatty acids	Agregan R., Popova T., Lopez-Pedrouso M., Cantalapiedra J., Lorenzo J.M., Franco D.	Food Lipids: Sources, Health Implications, and Future Trends	0
2037	2022	Life cycle methods and experiences of environmental sustainability assessments in the wine sector	Hospido A., Rivela B., Gazulla C.	Improving Sustainable Viticulture and Winemaking Practices	0
2038	2022	Optimizing in-situ product removal operation in a bioreactor for different production scenarios	Van Der Hauwaert L., Regueira A., Mauricio-Iglesias M.	IFAC-PapersOnLine	0
2039	2021	[Sensory profile of beef meat of retinta breed from two livestock production system during ageing, Perfil sensorial de la carne de vacuno de la raza retinta procedente de dos sistemas de producción durante la maduración]	Zamuz S., Garcia-Torres S., de Vaca M.C., Tejerina D., Ortiz A., Olivan M., Sentandreu M.A., Lopez-Pedrouso M., Purrinos L., Lorenzo J.M., Franco D.	ITEA Informacion Tecnica Economica Agraria	0
2040	2021	Pork liver protein hydrolysates as extenders of pork patties shelf-life	Borrajo P., Pateiro M., Munekata P.E.S., Franco D., Dominguez R., Mahgoub M., Lorenzo J.M.	International Journal of Food Science and Technology	0
2041	2021	Editorial	Iwai Y., McCabe C., Soto A., Kontogeorgis G., Economou I.	Fluid Phase Equilibria	0
2042	2021	Lipid and Oxidative Methods to Assess the Stability of "Lacon"	Gomez M., Lorenzo J.M., Franco D., Carballo J., Franco I.	Food Analytical Methods	0
2043	2021	Corrigendum to "A novel strategy for triacylglycerides and polyhydroxyalkanoates productions using waste lipids" [Sci. Total Environ. 763 (2021) 14944] (Science of the Total Environment (2021) 763, (S0048969720364743), (10.1016/j.scitotenv.2020.142944))	Argiz L., Gonzalez-Cabaleiro R., Val del Rio A., Gonzalez-Lopez J., Mosquera-Corral A.	Science of the Total Environment	0
2044	2021	Bioconversion of organic pollutants in fish-canning wastewater into volatile fatty acids and polyhydroxyalkanoate	Palmeiro-Sanchez T., Campos J.L., Mosquera-Corral A.	International Journal of Environmental Research and Public Health	0
2045	2021	Solid-liquid phase behavior of mixtures of 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amides involving long alkyl side chains	Stolarska O., Pawlowska-Zygarowicz A., Rodriguez H., Frydrych-Tomczak E., Smiglak M.	Journal of Molecular Liquids	0

2046	2021	Editorial overview: Sustainable solutions for renewable wastes	Gonzalez-Garcia S., Gullon B.	Current Opinion in Green and Sustainable Chemistry	0
2047	2021	Density, Speed of Sound, Viscosity, and Surface Tension of Hexamethylenetetramine + Water + Ethanol Ternary Mixtures from T = 293.15 to 323.15 K	Gomez-Diaz D., Navaza J.M.	Journal of Chemical and Engineering Data	0
2048	2021	Monitoring the stability of aerobic granular sludge using fractal dimension analysis	Pavissich J.P., Camus N., Campos J.L., Franchi O., Pedrouso A., Carrera P., Val Del Rio A., Mosquera-Corral A.	Environmental Science: Water Research and Technology	0
2049	2021	[Influence of liquid feeding with milk whey on "chorizo gallego" fatty acid profile, Influencia de la alimentación líquida con suero de leche en el perfil de ácidos grasos del chorizo gallego]	Gonzalez-Torres I., Gonzalez P., Cobas N., Barrio J.C., Vazquez L., Purrinos L., Franco D., Dominguez R., Lorenzo J.M.	ITEA Informacion Tecnica Economica Agraria	0
2050	2021	Dry-Cured Shoulder Lacaón Manufacturing Process, Chemical Composition and Shelf Life	Purrinos L., Bermudez R., Franco D., Lorenzo J.M., Carballo J.	Pork: Meat Quality and Processed Meat Products	0
2051	2021	Pigs Breeds, Production, Meat Quality and Market: An Overview	Aggregan R., Lorenzo J.M., Lopez-Pedrouso M., Cantalapiedra J., Iglesias A., Zhang W., Franco D.	Pork: Meat Quality and Processed Meat Products	0
2052	2021	Liquid Systems Based on Tetra(n-butyl)phosphonium Acetate for the Non-dissolving Pretreatment of a Microcrystalline Cellulose (Avicel PH-101)	Pena C.A., Puga A.V., Metlen A., Soto A., Rodriguez H.	Biomacromolecules	0
2053	2021	Analysis of curing of diglycidyl ether of bisphenol A (BADGE n = 0) with 2-adamantylethylamine	Fraga Lopez F., Valcarcel J., Soto V.H., Martinez Ageitos J.M., Rodriguez E., Vazquez Tato J.	Polymers for Advanced Technologies	0
2054	2020	Influence of the amine alkyl-chain upon carbon dioxide absorption in G-L-L reactor	Gomez-Diaz D., Brea U., Navaza J.M.	International Journal of Chemical Reactor Engineering	0
2055	2020	Environmental Implications of Discarding Fish in Northern Spanish Coastal Bottom Otter Trawl Fisheries	Garcia-Santiago X., Franco-Uria A., Antelo L.T., Moreira M.T., Feijoo G., Perez-Martin R.I.	Fisheries	0
2056	2020	The role of anthocyanins in neurological disorders associated with aging	Gullon P., Gullon B., Eibes G., Pedrosa S.S., Oliveira D., Lorenzo J.M.	Anthocyanins: Antioxidant Properties, Sources and Health Benefits	0
2057	2020	[Granular aerobic systems: Viable technology for wastewater treatment and its reuse for chilean condominium, Sistemas granulares aerobios para el tratamiento descentralizado de aguas servidas y su reutilización en condominios en Chile]	Araneda N., Valenzuela-Heredia D., Campos J.L., Carrera P., Belmonte M., Mosquera-Corral A., Val de Rio A.	Ingeniare	0
2058	2020	Design and Characterization of Naphthalene Ionic Liquids	Fernandez-Stefanuto V., Somoza A., Corchero R., Tojo E., Soto A.	Frontiers in Chemistry	0
2059	2020	Modeling future scenarios within the life cycle assessment framework under climate change conditions: Dairy sector as a study case	Guzman-Luna P., Mauricio-Iglesias M., Hospido A., Flysjo A.	11th International Conference on Simulation and Modelling in the Food and Bio-Industry, FOODSIM 2020	0
2060	2020	Chapter 2: Upstream Environmental Assessment	Camara-Salim I., Feijoo G., Moreira M.T.	RSC Green Chemistry	0
2061	2019	Technoeconomic analysis, life cycle assessment and economic analysis of wastewater and sludge treatment systems	Arias A., Feijoo G., Moreira M.T.	Wastewater Treatment Residues as Resources for Biorefinery Products and Biofuels	0
2062	2019	[Review about methodological characteristics and efficacy of interventions oriented to reduce water consuming, Revisión sobre las características metodológicas y la eficacia de intervenciones orientadas a reducir el consumo de agua]	Vila-Tojo S., Andrade E., Sabucedo J.M., Gonzalez-Garcia S., Moreira M.T., Feijoo G.	Universitas Psychologica	0
2063	2019	Targeted conversion of protein and glucose waste streams to volatile fatty acids by metabolic models	Regueira A., Bevilacqua R., Lema J.M., Carballa M., Mauricio-Iglesias M.	IFAC-PapersOnLine	0
2064	2019	Biodegradation of micropollutants and prospects for water and wastewater biotreatment	Forrez I., Boon N., Verstraete W., Carballa M.	Comprehensive Biotechnology Environmental	0
2065	2019	Water Footprint of Livestock Farming	Noya I., Lijo L., Pineiro O., Lopez-Carracelas R., Omil B., Barral M.T., Merino A., Feijoo G., Moreira M.T.	Footprints and Eco-Design of Products and Processes	0
2066	2019	Reprint of: Education of chemical engineering in Spain: A global picture	Feijoo G., Ibanez R., Herguido J., Partal P., Tobajas M., Sempere J., Lopez-Perez M.F., Rivero M.J.	Education for Chemical Engineers	0
2067	2019	Organosolv pretreated beech wood as a substrate for acetone butanol ethanol extractive fermentation	Gonzalez-Penas H., Lu-Chau T.A., Botana N., Moreira M.T., Lema J.M., Eibes G.	Holzforschung	0
2068	2018	Physico-Chemical Characterization of Two Epoxy Systems Using Porphyrins as Curing Agents	Fraga F., Vazquez Barreiro E.C., Jover A., Meijide F., Martinez Ageitos J.M., Vazquez Tato J.	Polymer Science - Series B	0
2069	2018	Preface	Pereira J.F.B., Ribeiro M.C.C., Soto A.	Fluid Phase Equilibria	0
2070	2018	Corrigendum to "Electron bifurcation mechanism and homoacetogenesis explain products yields in mixed culture anaerobic fermentations"[Water Res. 141(2018) 349–356] (S0043135418303750) (10.1016/j.watres.2018.05.013)	Regueira A., Gonzalez-Cabaleiro R., Ofiteru I.D., Rodriguez J., Lema J.M.	Water Research	0

2071	2018	Towards sustainable mobile systems configurations: Application to a tuna purse seiner	Garcia Rellan A., Vazquez Brea C., Bello Bugallo P.M.	Science of the Total Environment	0
2072	2018	Solubilities of amino acids in aqueous electrolyte solutions	Soto A., Khoshkbarchi M.K.	Ionic Surfactants and Aqueous Solutions: Biomolecules, Metals and Nanoparticles	0
2073	2018	Activity coefficients of amino acids in aqueous electrolyte solutions	Khoshkbarchi M.K., Soto A.	Ionic Surfactants and Aqueous Solutions: Biomolecules, Metals and Nanoparticles	0
2074	2018	Extraction of proteins from aqueous solutions by complexation using surfactants	Shin Y.D., Rodil E.	Ionic Surfactants and Aqueous Solutions: Biomolecules, Metals and Nanoparticles	0
2075	2018	Removal of metals from aqueous solutions by complexation using surfactants	Dumortier R., Rodil E.	Ionic Surfactants and Aqueous Solutions: Biomolecules, Metals and Nanoparticles	0
2076	2018	Manufacture of nutraceuticals from chestnut shells using environmentally friendly technologies	Gullon P., Eibes G., Davila I., Moreira M.T., Labidi J., Gullon B.	23rd International Congress of Chemical and Process Engineering, CHISA 2018 and 21st Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2018	0
2077	2018	Integral valorization of chestnut shells under a sustainable development approach	Morales A., Davila I., Eibes G., Gullon B., Gullon P., Labidi J.	23rd International Congress of Chemical and Process Engineering, CHISA 2018 and 21st Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2018	0
2078	2018	[Effect of slaughter age on the fatty acid profile of celta pig breed, Efecto de la edad de sacrificio en el perfil de ácidos grasos de cerdos de raza celta]	Lorenzo J.M., Dominguez R., Franco D., Bermudez R., Purrinos L., Pateiro M.	Archivos de Zootecnia	0
2079	2018	[Influence of sex on meat quality of celta pig breed, Influencia del sexo sobre la calidad de la carne de cerdo de la raza celta]	Garcia B., Franco D., Carballo J., Bermudez R., Pateiro M., Lorenzo J.M.	Archivos de Zootecnia	0
2080	2018	Ozone episodes over the southeast Iberian coast: Origin and recycling between two seas	Lopez-Munoz P., Rodriguez A., Cartelle D., Vellon J.M., Gonzalez J.A., Casares J.J.	WIT Transactions on Ecology and the Environment	0
2081	2018	Mussel shells' thermal valorisation and odour emissions	Bello Bugallo P.M., Rellan A.G., Friero C.B., Andrade L.C.	Mussels: Characteristics, Biology and Conservation	0
2082	2018	[Influence of sex on meat quality of Celta pig breed, Influencia del sexo sobre la calidad de la carne de cerdo de la raza Celta]	Garcia B., Franco D., Carballo J., Bermudez R., Pateiro M., Lorenzo J.M.	Archivos de Zootecnia	0
2083	2018	[Effect of slaughter age on the fatty acid profile of Celta pig breed, Efecto de la edad de sacrificio en el perfil de ácidos grasos de cerdos de raza Celta]	Lorenzo J.M., Dominguez R., Franco D., Bermudez R., Purrinos L., Pateiro M.	Archivos de Zootecnia	0
2084	2017	[Case study in jagua bay at south of Cuba using a coupling WRF/calmet, Caso de estudio en la bahía de jagua al sur de Cuba mediante un acoplamiento WRF/CALMET]	Hernandez-Garces A., Gonzalez J.A., Casares J., Turtos L., Alvarez L., Jauregui-Haza U.	Revista Brasileira de Meteorologia	0
2085	2017	Ab initio study of intrinsic profiles of liquid metals and their reflectivity	Del Rio B.G., Souto J., Alemany M.M.G., Gonzalez L.E.	EPJ Web of Conferences	0
2086	2017	The Effect of Hybrid Carrageenan on the Thermo-rheological Properties of Gluten-Free Flour Doughs Using a Modified Kneading Protocol	Moreira R., Chenlo F., Torres M.D., Romani A.	Food and Bioprocess Technology	0
2087	2016	Influence of hydraulic retention time on the psychrophilic hydrolysis/acidogenesis of proteins	Poirrier P., Schiappacasse M.C., Carballa M., Lema J.M.	Water Science and Technology	0
2088	2016	[Carcass characteristic of calves from protected designation of origin mirandesa breed, Características de la canal de terneros de la Denominación de Origen Protegida Mirandesa]	Sousa F., Lorenzo J.M., Iglesias A., Cantalapiedra J., Franco D.	Archivos de Zootecnia	0

2089	2016	Temperature dependence of the properties of ternary systems ethanol + water + an aliphatic alkane (C6-C9)	Blanco A., Gayol A., Gomez-Diaz D., Navaza J.M.	Physics and Chemistry of Liquids	0
2090	2016	Wrf surface and upper air validation over central Chile during la niña-el niño transition	Carrera-Chapela F., Ruiz-Filippi G., Gonzalez J.A., Yarwood G., Johnson J.	HARMO 2016 - 17th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings	0
2091	2016	Estimation of short odor events by using chemically reactive odorants atmospheric dispersion modelling around a pulp paper mill	Cartelle D., Vellon J.M., Rodriguez A., Valino D., Gonzalez J.A., Bao M., Casas C.	HARMO 2016 - 17th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings	0
2092	2016	Q-safe erasmus training programme-teaching and student learning experiences	Cummins E., Membre J.-M., Vanimpe J., Koutsoumanis K., Bakalis S., Hospido A., Lede I.M., Valdramidis V.	9th International Conference on Simulation and Modelling in the Food and Bio-Industry 2016, FOODSIM 2016	0
2093	2016	Transformations, treatment, and prevention of water pollutants	Campos J.L., Mosquera-Corral A., Del Rio A.V., Belmonte M.	Journal of Chemistry	0
2094	2015	Toluene biodegradation in a solid/liquid system involving immobilized activated sludge and silicone oil as pollutant reservoir	Diz Castro M., Gomez-Diaz D., Amrane A., Couvert A.	Environmental Technology (United Kingdom)	0
2095	2014	Air pollutants emissions from cattle in Galicia, Spain	Moran M., Souto-Gonzalez J.A., Dios M.	WIT Transactions on Ecology and the Environment	0
2096	2014	Reduction of the Anaerobic Digestion Model No1 for an industrial wastewater treatment plant by principal component analysis	Dieguez C.G., Roca E., Bernard O.	2009 European Control Conference, ECC 2009	0
2097	2014	Coupling WRF and CALMET models: Evaluation during 15-day case study in a caribbean bay, Cuba	Gonzalez J.A., Hernandez-Garces A., Rodriguez A., Saavedra S., Casares J.J., Turtos L., Fonseca Y., Alvarez L.	HARMO 2014 - 16th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings	0
2098	2014	A comparison of different WRF-CALMET simulations against surface and PBL rawinsonde data	Gonzalez J.A., Hernandez-Garces A., Rodriguez A., Saavedra S., Casares J.J.	HARMO 2014 - 16th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings	0
2099	2014	Thermal performance of a propylene glycol/alumina nanofluid under internal developing laminar flow	Farinas Alvarino P., Saiz Jabardo J.M., Garcia Del Valle J., Soto A.	Proceedings of the 15th International Heat Transfer Conference, IHTC 2014	0
2100	2013	Evaluating the Influence of Regional Gridded Emissions Distribution on Air Quality Simulation	Rodriguez A., Dios M., Saavedra S., Souto J.A.S., Casares J.J., Cartelle D., Vellon J.M., Borrego C., Miranda A.I., Ferreira J., Monteiro A., Gallego N., Saez A., Macho M.L.	NATO Science for Peace and Security Series C: Environmental Security	0
2101	2013	H15-105: Stack configuration and meteorological influences on the simulation of a large power plant plume	Souto J.A., Moral C., Hernandez-Garces A., Rodriguez A., Saavedra S., Casares J.J.	Proceedings of the 15th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, HARMO 2013	0
2102	2013	Self-optimising control of sewer systems	Mauricio-Iglesias M., Montero-Castro I., Mollerup A.L., Sin G.	IFAC Proceedings Volumes (IFAC-PapersOnline)	0

2103	2013	Application of fuzzy logic reasoning in environmental systems	Carrasco E.F., Garcia-Dieguez C., Herva M., Roca E.	Fuzzy Logic: Applications, Systems and Technologies	0
2104	2013	[Gases membrane permeable of zeolite ZSM-5 Permeabilitat de gasos en membranes de zeolita ZSM-5, Permeabilidad de gases en membranas de zeolita ZSM-5 Gases permeability un ZSM-5 membranes]	Garcia-Abuin A., Gomez-Diaz D., Lopez A.B., Navaza J.M.	Afinidad	0
2105	2012	Industrial energetic optimization methodology combining bat analysis and process simulation	Bello Bugallo P.M., Bernal Pampin M.A., Andrade L.C.	World Renewable Energy Forum, WREF 2012, Including World Renewable Energy Congress XII and Colorado Renewable Energy Society (CRES) Annual Conferen	0
2106	2012	Natural resources and human conflicts: Energy and evolution of the security concept	Bello Bugallo P.M., Del Carmen Taboada Gomez M., Prieto G.R., Andrade L.C.	World Renewable Energy Forum, WREF 2012, Including World Renewable Energy Congress XII and Colorado Renewable Energy Society (CRES) Annual Conferen	0
2107	2012	Gases separation by ZSM-5 based membranes	Lopez A.B., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M.	CHISA 2012 - 20th International Congress of Chemical and Process Engineering and PRES 2012 - 15th Conference PRES	0
2108	2012	Reply to response regarding "Multicorrelation models and uptake factors to estimate extractable metal concentrations from soil and metal in plants in pasturelands fertilized with manure" by Lopes et al. (2012)	Roca E.	Environmental Pollution	0
2109	2012	Reply to comment on "Multicorrelation models and uptake factors to estimate extractable metal concentrations from soil and metal in plants in pasturelands fertilized with manure" by Lopes et al. (2012)	Roca E.	Environmental Pollution	0
2110	2012	Corrigendum to: "Life Cycle Assessment of fresh Hake fillets captured by the Galician fleet in the Northern Stock" [Fish. Res. 110 (2011) 128-135]	Vazquez-Rowe I., Moreira M.T., Feijoo G.	Fisheries Research	0
2111	2012	Extraction and bioactive properties of grapeseed polyphenols	Sineiro J., Sanchez M., Nunez M.J.	Grapes: Cultivation, Varieties and Nutritional Uses	0
2112	2012	Aerobic granulation process for waste treatment	Figuerola M., Campos J.L., Mosquera-Corral A., Mendez R., Hung Y.-T.	Handbook of Environment and Waste Management: Air and Water Pollution Control	0
2113	2012	Potential therapeutic applications of common agro-food byproducts and chilean wild plants	Sineiro J., Rubilar M., Cascante M., Alvarez E., Sanchez M., Nunez M.J.	ACS Symposium Series	0
2114	2012	Improved start-up of OLAND sequencing batch reactors by means of hydraulic strategies.	Schaubroeck T., Bagchi S., De Clippeleir H., Carballa M., Verstraete W., Vlaeminck S.E.	Communications in agricultural and applied biological sciences	0
2115	2011	A systematic methodology for the assessment and troubleshooting of control strategies and operational problems in distillation systems	Mauricio-Iglesias M., Johansen K., Jrgensen S.B., Sin G.	11AIChE - 2011 AIChE Annual Meeting, Conference Proceedings	0
2116	2011	A systematic framework for optimisation of bioprocess operation under uncertainty: A lignocellulosic ethanol production case study	Morales-Rodriguez R., Mauricio-Iglesias M., Meyer A.S., Gernaey K.V., Sin G.	11AIChE - 2011 AIChE Annual Meeting, Conference Proceedings	0
2117	2011	Ionic liquids for improved liquid-liquid extraction processes	Rodriguez H., Lago S., Francisco M., Earle M.J., Holbrey J.D., Seddon K.R., Rogers R.D., Soto A., Arce A.	ACS National Meeting Book of Abstracts	0
2118	2011	Erratum to: A new strain of Bjerkandera sp. production, purification and characterization of versatile peroxidase (World J Microbiol Biotechnol, (2011), 27, 1, (115-122), 10.1007/s11274-010-0435-2)	Taboada-Puig R., Lu-Chau T., Moreira M.T., Feijoo G., Martinez M.J., Lema J.M.	World Journal of Microbiology and Biotechnology	0
2119	2011	Apparent viscosity of binary and ternary systems of tragacanth, guar gum and methylcellulose at semidilute range of concentration	Chenlo F., Moreira R., Pereira G., Silva C.	Journal of Food Process Engineering	0

2120	2011	A systematic framework for optimisation of bioprocess operation under uncertainty: A lignocellulosic ethanol production case study	Morales-Rodriguez R., Mauricio-Iglesias M., Meyer A.S., Gernaey K.V., Sin G.	Sustainable Engineering Forum: Core Programming Topic at the 2011 AIChE Annual Meeting	0
2121	2011	A systematic methodology for the assessment and troubleshooting of control strategies and operational problems in distillation systems	Mauricio-Iglesias M., Johansen K., Jrgensen S.B., Sin G.	Computing and Systems Technology Division - Core Programming Topic at the 2011 AIChE Annual Meeting	0
2122	2011	Air quality simulations for North America within Aqmeii initiative	Ferreira J., Rodriguez A., Monteiro A., Miranda A.I., Dios M., Souto J.A., Yarwood G., Nopmongcol U., Borrego C.	HARMO 2011 - Proceedings of the 14th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes	0
2123	2011	[Physico-chemical properties, fatty acids and amino acids found in 45 days old ovella galega lambs, Características fisicoquímicas, de ácidos grasos y aminoácidos en corderos de ovella galega a 45 días]	Adan S., Fernandez M., Dominguez B., Rivero C.J., Justo J.R., Arias A., Garcia-Fontan M.C., Lorenzo J.M., Lama J.J., Lopez C., Rois D., Feijoo J., Franco D.	Archivos de Zootecnia	0
2124	2010	Viscosimetric behaviour of peg6000 aqueous solutions with and without low molecular weight alcohols	Garcia-Abuin A., Gomez-Diaz D., Regueiro L.	Electronic Journal of Environmental, Agricultural and Food Chemistry	0
2125	2010	Virtual autopilot system for helicopters UAV missions	Lema J.M., Royo P., Pastor E.	27th Congress of the International Council of the Aeronautical Sciences 2010, ICAS 2010	0
2126	2010	Hazardous materials evaporation rates after accidental release calculated with mass transfer models	Garcia-Abuin A., Vidal-Tato I., Gomez-Diaz D., Navaza-Dafonte J.M., Fernandez-Tobio S.	19th International Congress of Chemical and Process Engineering, CHISA 2010 and 7th European Congress of Chemical Engineering, ECCE-7	0
2127	2010	VIII Ibero-American conference on phase equilibria and fluid properties for process design	Arce A., Brignole E.A., Macedo E.A., de Loos T.W.	Fluid Phase Equilibria	0
2128	2010	Characterization of baking properties of chestnut dough	Chenlo F., Moreira R., Torres M.D.	Acta Horticulturae	0
2129	2010	In vitro enzymatic generation of Mn(III)-malonate as a chemical oxidant of Orange II	Taboada-Puig R., Lu-Chau T., Moreira M.T., Feijoo G., Lema J.M.	Chemical Engineering Transactions	0
2130	2009	Well-to-wheel analysis of bioethanol production from flax shives	Gonzalez-Garcia S., Moreira M.T., Feijoo C., Luo L., Huppes C.	8th World Congress of Chemical Engineering: Incorporating the 59th Canadian Chemical Engineering Conference and the 24th Interamerican Congress of Chemical Engineering	0
2131	2009	[Absorption of CO2 in bubble column reaction with alcalis, Absorción de CO2 en columna de burbujeo por reacción con álcalis]	Blanco A., Garcia-Abuin A., Gomez-Diaz D., Navaza J.M., Sanjurjo B., Vidal-Tato I.	Afinidad	0
2132	2009	Conference report: Lake constance turns green	Adamova G., Ferguson J.L., Ng S., Puga A.V., Rodriguez H., Rountree S.M., Seddon K.R., Tomaszowska A.A.	Green Chemistry	0
2133	2008	A multi-compartmental model for estimating metal bioaccumulation in fish	Otero-Muras I., Franco A., Balsa-Canto E., Roca E., Alonso A.A.	Acta Horticulturae	0
2134	2008	[Determination of atmospheric parameters from spectral irradiance measurements for its application in air quality models, Determinación de parámetros atmosféricos procedentes de medidas de irradiancia espectral para su aplicación en modelos de calidad del aire]	Pettazzi A., Gonzalez J.A.S.	Afinidad	0
2135	2008	Surface tension of aqueous binary mixtures of 2-(methylamino)ethanol and 2-(ethylamino)ethanol and aqueous ternary mixtures of these amines with triethanolamine or N-methyldiethanolamine from (293.15 to 323.15) K (Journal of Chemical and Engineering Data (2008) 53 (318-321))	Alvarez E., Gomez-Diaz D., La Rubia M.D., Navaza J.M.	Journal of Chemical and Engineering Data	0
2136	2008	Influence of polyethylene glycols and polyethylene glycol dimethyl ethers upon the internal dynamics of water in oil microemulsions	Cid A., Garcia-Rio L., Gomez-Diaz D., Mejuto J.C.	Microemulsions: Properties and Applications	0

2137	2008	Regional transport of tropospheric ozone: A case study in the northwest coast of Iberian Peninsula	Saavedra S., Mendez M.R., Souto J.A., Bermudez J.L., Vellon M., Costoya M.	NATO Science for Peace and Security Series C: Environmental Security	0
2138	2008	Modelling of the rheological behaviour of the ternary systems of tragacanth, guar and methylcellulose as a function of concentration and temperature	Silva C., Chenlo F., Moreira R., Pereira G.	Gums and Stabilisers for the Food Industry 14	0
2139	2008	Maximum removal rate of propionic acid as sole carbon source in UASB reactors by macro and micro nutrients stimulation.	Ma J., Mungoni L.J., Carballa M., Verstraete W.	Communications in agricultural and applied biological sciences	0
2140	2008	Fluorescence in situ hybridization (FISH) to elucidate structure and diversity in granular biomass for the treatment of nitrogenous wastewater.	Vlaeminck S.E., Terada A., Carballa M., De Clippeleir H., Boon N., Smets B.F., Verstraete W.	Communications in agricultural and applied biological sciences	0
2141	2008	Rehydration kinetics of hot-air dried chestnuts	Moreira R., Chenlo F., Chaguri L., Fernandes C.	Acta Horticulturae	0
2142	2008	Diffusion of water in chestnut fruits during drying and rehydration processes at different temperatures	Moreira R., Chenlo F., Chaguri L., Fernandes C.	Defect and Diffusion Forum	0
2143	2007	Poster 25 Impact of meteorological factors on turbulent dispersion over complex terrain	Saavedra S., Souto J.A., Vila-Guerau de Arellano J.	Developments in Environmental Science	0
2144	2007	[Pilot-scale extraction of polyphenolic antioxidants from grape pomace, vars.Albariño and Mencía, Extracción a escala planta piloto de antioxidantes polifenólicos de bagazo de uva, variedades Albariño y Mencía]	Sanchez M., Sineiro J., Nunez M.J.	Afinidad	0
2145	2007	[Anaerobic treatment of fibreboard manufacturing wastewater: Comparison between an UASB reactor and an anaerobic filter, Tratamiento anaerobio de los efluentes generados durante la fabricación de tableros de fibra: Comparación de un reactor UASB y un filtro anaerobio]	Fernandez J.M., Carballa M., Omil F., Lema J.M.	Afinidad	0
2146	2007	[Application of the pollution prevention and control policy in Galicia: Integrated environmental permit, Aplicación de la legislación de prevención y control integrados de la contaminación en Galicia: Autorización Ambiental Integrada]	Bello P.M., Torres M.T., Barros M.C., Valino S., Casares J.J.	Afinidad	0
2147	2007	[Complex rheological fluids in absorption processes, Fluidos reológicamente complejos en procesos de absorción]	Gomez-Diaz D., Navaza J.M.	Ingenieria Quimica	0
2148	2007	PV generation of hydrogen for operational rawinsonde usage: Design and economic analysis	Pettazzi A., Torres C.M., Souto J.A., Bello P.	Renewable Energy and Power Quality Journal	0
2149	2007	[Life cycle assessment (and III): Practical case, Análisis de ciclo de vida (Y III): Caso práctico]	Feijoo Costa G., Gonzalez Garcia S., Gallego Schmid A., Hospido Quintana A., Moreira Vilar M.T.	Ingenieria Quimica	0
2150	2006	Analysis of pharmaceutical compound in residual water of a hospital	Gomez M., Vazquez M.J., Tejeiro A., Carballa M., Omil F.	American Water Works Association - Water Quality Technology Conference and Exposition 2006: Taking Water Quality to New Heights	0
2151	2006	Energy and material flow analysis: Application to the storage stage of clay in the roof tile manufacture	Torres M.T., Bello P.M., Casares J.J., Rodriguez-Blas J.M.	CHISA 2006 - 17th International Congress of Chemical and Process Engineering	0
2152	2006	Integrated pollution prevention and control in the surface treatment industries in Galicia (NW Spain)	Barros M.C., Torres M.T., Bello P.M., Roca E., Casares J.J.	CHISA 2006 - 17th International Congress of Chemical and Process Engineering	0
2153	2006	Textural analysis of dried and defrost chestnuts	Moreira R., Chenlo F., Abelenda N., Vazquez M.J.	CHISA 2006 - 17th International Congress of Chemical and Process Engineering	0
2154	2006	Effect of chain length upon physical properties of aqueous solutions of surfactants	Gomez-Diaz D., Navaza J.M., Sanjurjo B., Vazquez-Orgeira L.	CHISA 2006 - 17th International Congress of Chemical and Process Engineering	0
2155	2006	Convective drying rate curves of pre-treated chestnuts by means of osmotic processes	Moreira R., Chenlo F., Chaguri L.	CHISA 2006 - 17th International Congress of Chemical and Process Engineering	0
2156	2006	Rheology of hydrocolloids blends (carboxymethyl cellulose + κ-carrageenan + water)	Gomez-Diaz D., Navaza J.M., Quintans-Riveiro L.	CHISA 2006 - 17th International Congress of Chemical and Process Engineering	0

2157	2006	[Treatment of effluents from a laboratory of dairy products assays for reusing the treated wastewater in the irrigation of green recreational zones, Tratamiento de las aguas residuales de un laboratorio de ensayos lácteos para su reuso en el riego de zonas verdes recreativas]	Rico I.R., Uria A.F., Carrasco E.F., Bordello E.R.	Afinidad	0
2158	2006	[Influence of the operating conditions in a municipal waste water treatment plant on biomass sedimentability characteristics. 2. Biomass study, Influencia de las condiciones de operación de una EDAR municipal en las características de sedimentabilidad de la biomasa 2. Estudio morfológico y estructural de la biomasa]	Moron L.M., Laino H., Omil F.	Tecnología del Agua	0
2159	2006	[Influence of the operating conditions in a municipal waste water treatment plant on biomass sedimentability characteristics. 1. Description and analysis of the operation of the waste water treatment plant, Influencia de las condiciones de operación de una EDAR municipal en las características de sedimentabilidad de la biomasa. 1. Descripción y análisis de la operación de la EDAR]	Moron L.M., Laino H., Omil F.	Tecnología del Agua	0
2160	2006	Risk analysis in the chemical industry: An urea-formaldehyde resins case	Quintana A., Lopez-Doval L., Rodriguez R., Souto J.A., Casares J.J.	WIT Transactions on Ecology and the Environment	0
2161	2006	[Commissioning ANAMMOX reactors using sewage plant sludge, Puesta en marcha de reactores ANAMMOX a partir de lodos de depuradoras]	Dapena-Mora A., Mosquera-Corral A., Campos J.L., Mendez R.	Tecnología del Agua	0
2162	2005	Optimization under fuzzy if-then rules using stochastic algorithms	Rodriguez J.R., Mendez M.R., Carrasco E.F.	Computer Aided Chemical Engineering	0
2163	2005	Screening of white-rot fungal strains in a saline slurry system: Bioremediation of PAHs	Valentin L., Feijoo G., Moreira M.T., Lema J.M.	Proceedings of the 8th International In Situ and On-Site Bioremediation Symposium	0
2164	2005	Time course degradation of PAHs by three potential white-rot fungi under saline conditions	Valentin L., Feijoo G., Moreira M.T., Lema J.M.	Proceedings of the 8th International In Situ and On-Site Bioremediation Symposium	0
2165	2005	Bioremediation of a beach affected by the prestige	Garrido-Fernandez J.M., Fernandez-Alvarez P., Lema J.M., Vila J., Grifoll M.	Proceedings of the 8th International In Situ and On-Site Bioremediation Symposium	0
2166	2005	Use of neural networks to predict densities and viscosities of ternary aqueous mixtures of alkanolamines	Cancela M.A., Garcia-Rosello E., La Rubia M.D., Navaza J.M.	7th World Congress of Chemical Engineering, GLASGOW2005, incorporating the 5th European Congress of Chemical Engineering	0
2167	2005	Operation of a continuous enzymatic reactor for the degradation of anthracene in media containing an organic solvent	Feijoo G., Eibes G.M., Moreira M.T., Lema J.M.	7th World Congress of Chemical Engineering, GLASGOW2005, incorporating the 5th European Congress of Chemical Engineering	0
2168	2005	[Multimedia modelling as a tool of environmental impact management (II), Modelización multimedia como herramienta para la gestión de impactos ambientales (II)]	Silva Gomez A., Roget Salgado F., Bello Bugallo P.M., Casares Long J.J.	Afinidad	0
2169	2005	Drying kinetics of chestnut (castanea sativa miller): Dependency of the variety and experimental conditions	Chenlo F., Moreira R., Chaguri L., Santos F.	Acta Horticulturae	0
2170	2005	Temperature effect on sugar concentration and moisture profiles during osmotic dehydration of chestnut fruits	Chenlo F., Moreira R., Fernandez-Herrero C.	Acta Horticulturae	0
2171	2004	Transient state detection and prediction of organic overload in anaerobic digestion process using statistical tools	Ruiz G., Castellano M., Gonzalez W., Roca E., Lema J.M.	IFAC Proceedings Volumes (IFAC-PapersOnline)	0
2172	2003	Evaluación ambiental de las diferentes vías de obtención del ETBE	Hospido A., Moreira M.T., Feijoo G.	Ingeniería Química	0
2173	2002	Modelling the episodic pollutants deposition over the EMEP 17,6 cell	Souto J.A., Mendez M.R., Casares J.J., Lucas T., Carmichael G.R.	Advances in Air Pollution	0
2174	2002	[Adsorption of sodium on O2-prebleached Eucalyptus globulus kraft pulp, Adsorção de sódio em celulose kraft de Eucalyptus globulus, pré-branqueada com O2]	Vazquez G., Lopez M., Gonzalez J., Antorrena G.	O Papel (Brazil)	0
2175	2002	Proceso de fabricación de bioetanol (II)	Lopez Silva A.B., Lopez Facal X., Feijoo Costa G.	Ingeniería Química	0

2176	2002	Oxygen delignification as a pretreatment for acetosolv pulps bleaching	Vazquez G., Freire S., Gonzalez J., Antorrena G.	Tappi Journal	0
2177	2002	[Kraft pulp bleaching of Eucalyptus globulus by Phanerochaete chrysosporium, Blanqueo de pasta Kraft de Eucalyptus globulus por Phanerochaete chrysosporium]	Moreira M.T., Maceiras A., Lema J.M., Feijoo G.	Afinidad	0
2178	2002	Eliminación de pesticidas en aguas residuales	Rivera Arias A., Moreira Vilar M.T., Feijoo Costa G.	Ingenieria Quimica	0
2179	2002	Viscosities of binary and ternary aqueous solutions of 2-amino-2-methylpropan-1-ol, 2-amino-2-methylpropane-1,3-diol, and 2-amino-2-methylpropan-1-ol hydrochloride	Chenlo F., Moreira R., Pereira G., Vazquez M.-J.	Collection of Czechoslovak Chemical Communications	0
2180	2001	[Life cycle analysis as a tool for assessing new waste water treatment systems. A case study of textile industry effluent, Análisis del ciclo de vida como herramienta de evaluación de nuevos sistemas de depuración de aguas residuales. Caso práctico: Efluentes de la industria textil]	Hospido A., Novo E., Feijoo M.T.M.G.	Tecnologia del Agua	0
2181	2001	[Densities of binary and ternary aqueous solutions of monoethanolamine, diethanolamine and 2-amine-2-methyl-1-propanol, Densidades de disoluciones acuosas binarias y ternarias que incluyen monoetanolamina, dietanolamina y 2-amino-2 metil-1-propanol]	Chenlo F., Moreira R., Pereira G., Vazquez M.J.	Informacion Tecnologica	0
2182	2000	A comparison of three different dry deposition velocities in STEM-II applied around as Pontes Power Plant	Filla M., Mendez M.R., Souto J.A., Casares J.J., Lucas T., Carmichael G.R.	Advances in Air Pollution	0
2183	2000	[Development and application of a control gauss plume model to estimate thermal impact of an emission in the atmosphere, Desarrollo y aplicación de un modelo de penacho gaussiano regulatorio para la estimación del impacto térmico de una emisión a la atmósfera]	Souto J.A., De Castro M.C.	Afinidad	0
2184	2000	[Preliminary analysis of the mobilization/deposition of heavy metals in the river Eume-dam: Application with reference to manganese, Análisis preliminar de la movilización/deposición de metales pesados en el sistema río Eume-embalse: Aplicación al manganeso]	Bello Bugallo P.M., Souto Gonzalez J.A., Casares Long J.J., Lucas Domiguez T.	Afinidad	0
2185	2000	[Influence of surface tension on interfacial area and mass transfer coefficient in a bubble column, Efecto de la tensión superficial sobre el área interfacial y el coeficiente de transferencia de materia en una columna de burbujeo]	Vazquez G., Cancela M.A., Alvarez E., Navaza J.M.	Afinidad	0
2186	2000	Rebuttal to comments on 'design of a combined mixing rule for the prediction of vapor-liquid equilibria using neural networks' [2]	Alvarez E., Cottea J.M., Navaza J.M., Riverol C.	Industrial and Engineering Chemistry Research	0
2187	1999	Application of a fuzzy controller for the isomerized hop pellets production	Alvarez Estrella, Navaza J.M., Riverol Carmen	Proceedings of the American Control Conference	0
2188	1999	An approach to control of bioreactors. Application of the gain-scheduling method	Alvarez E., Riverol C., Correa J.M., Navaza J.M.	Journal of Automated Methods and Management in Chemistry	0
2189	1998	[Coagulation dosage control using flow potential, Control de la dosificación de coagulante mediante el potencial de flujo]	Moreira M.T., Lucas T., Lema J.M.	Tecnologia del Agua	0
2190	1998	Pulp biobleaching and MnP production by the white rot fungus Bjerkandera BOS55 in the absence of manganese	Feijoo Gumersindo, Mester Tunde, Field Jim A., Moreira M.Teresa, Alvarez Reyes Sierra	Proceedings of the International Conference on Biotechnology in the Pulp and Paper Industry	0
2191	1997	[Psychrophilic anaerobic treatment (10-12°C) of low strength wastewaters. Study of an expanded granular sludge bed (EGSB) reactor, Tratamiento anaerobio de aguas residuales de baja carga en condiciones psicrófilas (10-12°C). Estudio en un reactor de lodos granulares de lecho expandido (EGSB)]	Rebac S., Omil F., Van Lier J.B., Lettinga G.	Tecnologia del Agua	0
2192	1997	Stochastic algorithms for the optimal control of complex bioprocesses	Banga J.R., Carrasco E.F.	ECC 1997 - European Control Conference	0
2193	1997	Vapor-liquid equilibria of 2-methoxy-2-methylbutane + methanol + water at 101.32 kPa	Arce A., Blanco A., Martinez-Ageitos J., Soto A.	Journal of Chemical and Engineering Data	0
2194	1997	Computational cost of the simulation of chemical reactions in a Lagrangian puff model	Souto J.A., Mendez M.R., Casares J.J., Lucas T.	International Series on Advances in High Performance Computing	0
2195	1996	Modelo meteorológico de micro-escala para la predicción de la inmisión de una Central Térmica	Perez-Munuzuri V., Miguez G., Souto M.J., Souto J.A., Casares J.J.	Anales de Fisica (Spain)	0

2196	1996	Dynamic model for the chemistry of Manganese at River Eume	Bello P., Souto J.A., Casares J.J., Lucas T.	Proceedings of the International Conference on Development and Application of Computer Techniques to Environmental Studies	0
2197	1996	Efluentes en el proceso kraft. Biodegradabilidad anaerobia y toxicidad	Vidal G., Mendez R., Lema J.M., Soto M.	Ingenieria Quimica	0
2198	1991	Diseño de redes de intercambiadores de calor con utilidades multiples por programacion lineal	Rodriguez A., Souto J.A., Casares J.J.	Trabajos de Investigacion Operativa	0
2199	1988	Effect of various schemes in a multicomponent distillation system	Long J.J.C., Burney A.H.	Chemical Engineering and Processing	0
2200	1987	Dynamic simulation of an air-water wetted wall column: Comparison of experimental and numerical results	Videla S., Sola C., Lema J.M.	Computers and Chemical Engineering	0
2201	1986	PREDICTION OF VAPOR-LIQUID EQUILIBRIA IN BINARY SYSTEMS USING THE UNIFAC METHOD. COMPARISON BETWEEN THE OH AND THE CCOH GROUPS IN ALCOHOLS.	Arce A., Blanco A., Tojo J.	International chemical engineering	0