



**h-index = 133 (Of the 1940 documents considered for the h-index)**

N	Year	Document Title	Authors	Journal Title	Cites	DOI
1	2001	Natural antioxidants from residual sources	Moure, A.; Cruz, J.M.; Franco, D.; Domínguez, J.; Sineiro, J.; Domínguez, H.; Núñez, M.J.; Carlos Parajó, J.	Food Chemistry	1487	10.1016/S0308-8146(00)00223-5
2	2004	Behavior of pharmaceuticals, cosmetics and hormones in a sewage treatment plant	Carballa, M.; Omil, F.; Lema, J.M.; Llompарт, M.; García-Jares, C.; Rodríguez, I.; Gómez, M.; Ternes, T.	Water Research	1432	10.1016/j.watres.2004.03.029
3	2017	Polysaccharide-based films and coatings for food packaging: A review	Cazón, P.; Velazquez, G.; Ramirez-de León, J.A.; Vázquez, M.	Food Hydrocolloids	1194	10.1016/j.foodhyd.2016.09.009
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.; Rodríguez, H.; Rogers, R.D.	Green Chemistry	945	10.1039/b822702k
5	2016	Towards a standardization of biomethane potential tests	Holliger, C.; Alves, M.; Andrade, D.; Angelidaki, I.; Astals, S.; Baier, U.; Bougrier, C.; Buffière, P.; Carballa, M.; de Wilde, V.; Ebertseder, F.; Fernández, B.; Ficara, E.; Fotidis, I.; Frigon, J.-C.; de Lacroix, H.F.; Ghasimi, D.S.M.; Hack, G.; Hartel, M.; Heerenklage, J.; Sárvári Horváth, I.S.; Jeníček, P.; Koch, K.; Krautwald, J.; Lizasoain, J.; Liu, J.; Mosberger, L.; Nistor, M.; Oechsner, H.; Oliveira, J.V.; Paterson, M.; Pauss, A.; Pommier, S.; Porqueddu, I.; Raposo Bejines, F.; Ribeiro, T.; Pfund, F.R.; Strömberg, S.	Water Science and Technology	813	10.2166/wst.2016.336

6	2007	The third evolution of ionic liquids: Active pharmaceutical ingredients	Torrijos, M.; Van Eekert, M.; Lier, J.; Wedwitschka, H.; Wierinck, I.	New Journal of Chemistry	804	10.1039/b706677p
7	2007	Evaluation of activity and inhibition effects on Anammox process by batch tests based on the nitrogen gas production	Hough, W.L.; Śmiglak, M.; Rodríguez, H.; Swatloski, R.P.; Spear, S.K.; Daly, D.T.; Pernak, J.; Grisel, J.E.; Carliss, R.D.; Soutullo, M.D.; Davis, J.H.; Rogers, R.D.	Enzyme and Microbial Technology	570	10.1016/j.enzmictec.2006.06.018
8	2017	Rutin: A review on extraction, identification and purification methods, biological activities and approaches to enhance its bioavailability	Dapena-Mora, A.; Fernández, I.; Campos-Gomez, J.L.; Mosquera-Corral, A.; Méndez-Pampín, R.; Jetten, M.S.M.	Trends in Food Science and Technology	556	10.1016/j.tifs.2017.07.008
9	2013	Life cycle assessment applied to wastewater treatment: State of the art	Gullón, B.; Lú-Chau, T.A.; Moreira, M.T.; Lema, J.M.; Eibes, G.	Water Research	539	10.1016/j.watres.2013.06.049
10	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	Corominas, L.; Foley, J.; Guest, J.S.; Hospido, A.; Larsen, H.F.; Morera, S.; Shaw, A.	Journal of Agricultural and Food Chemistry	530	10.1021/jf0488110
11	2006	Functionality of oilseed protein products: A review	Pinelo, M.; Rubilar, M.; Jerez, M.; Sineiro, J.; Núnñez, M.J.	Food Research International	520	10.1016/j.foodres.2006.07.002
12	2022	Chitosan for food packaging: Recent advances in active and intelligent films	Moure, A.; Sineiro, J.; Domínguez, H.; Parajó, J.C.	Food Hydrocolloids	518	10.1016/j.foodhyd.2021.107328
13	2006	Temperature and composition dependence of the density and viscosity of binary mixtures of water + ionic liquid	Flórez, M.; Guerra-Rodríguez, E.; Cazón, P.; Vázquez, M.	Journal of Chemical and Engineering Data	459	10.1021/je0602824
14	2010	Removal of Pharmaceutical and Personal Care Products (PPCPs) under nitrifying and denitrifying conditions	Rodríguez, H.; Brennecke, J.F.	Water Research	449	10.1016/j.watres.2010.02.040
15	2016	Monitoring and diagnosis of energy consumption in wastewater treatment plants. A state of the art and proposals for improvement	Suárez, S.; Lema, J.M.; Omil, F.	Applied Energy	434	10.1016/j.apenergy.2016.07.043
16	2009	Source identification of heavy metals in pastureland by multivariate analysis in NW Spain	Longo, S.; D'Antoni, B.M.; Bongards, M.; Chaparro, A.; Cronrath, A.; Fatone, F.; Lema, J.M.; Mauricio-Iglesias, M.; Soares, A.; Hospido, A.	Journal of Hazardous Materials	432	10.1016/j.jhazmat.2008.10.118
17	2011	Where are ionic liquid strategies most suited in the pursuit of chemicals and energy from lignocellulosic biomass?	Franco-Uría, A.; López-Mateo, C.; Roca, E.; Fernandez-Marcos, M.L.	Chemical Communications	402	10.1039/c0cc03990j
18	2008	How are pharmaceutical and personal care products (PPCPs) removed from urban wastewaters?	Sun, N.; Rodríguez, H.; Rahman, M.; Rogers, R.D.	Reviews in Environmental Science and Biotechnology	392	10.1007/s11157-008-9130-2
19	2011	Demonstration of chemisorption of carbon dioxide in 1,3-dialkylimidazolium acetate ionic liquids	Suárez, S.; Carballa, M.; Omil, F.; Lema, J.M.	Angewandte Chemie - International Edition	380	10.1002/anie.201105198

20	2008	Short- and long-term effects of temperature on the Anammox process	Dosta, J.; Fernández, I.; Vázquez-Padín, J.R.; Mosquera-Corral, A.; Campos-Gomez, J.L.; Mata-Alvarez, J.; Méndez-Pampín, R.	Journal of Hazardous Materials	367	10.1016/j.jhazmat.2007.10.082
21	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	364	10.1016/j.watres.2007.02.012
22	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	360	10.1128/AEM.02337-09
23	2008	Antioxidant activity and phenolic content of chestnut ( <i>Castanea sativa</i> ) shell and eucalyptus ( <i>Eucalyptus globulus</i> ) bark extracts	Vázquez-Mariño, G.; Fontenla, E.; Santos, J.; Freire, M.S.; González-Álvarez, J.; Antorrena, G.	Industrial Crops and Products	344	10.1016/j.indcrop.2008.03.003
24	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	338	10.1016/j.watres.2020.116058
25	1992	Biodegradation of polycyclic aromatic hydrocarbons by new isolates of white rot fungi	Field, J.A.; De Jong, E.; Feijoo, G.; de Bont, J.A.M.	Applied and Environmental Microbiology	338	10.1128/aem.58.7.2219-2226.1992
26	2015	Microbial management of anaerobic digestion: Exploiting the microbiome-functionality nexus	Carballa, M.; Regueiro, L.; Lema, J.M.	Current Opinion in Biotechnology	318	10.1016/j.copbio.2015.01.008
27	2008	Testing the assertion that 'local food is best': the challenges of an evidence-based approach	Edwards-Jones, G.; 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.; McLaren, S.; Jones, D.L.	Trends in Food Science and Technology	308	10.1016/j.tifs.2008.01.008
28	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	306	10.1016/j.watres.2007.07.012
29	1988	Characteristics of landfill leachates and alternatives for their treatment: A review	Lema, J.M.; Méndez-Pampín, R.; Blázquez, R.	Water, Air, and Soil Pollution	302	10.1007/BF00163730
30	2012	Short- and long-term effects of ammonium and nitrite on the Anammox process	Fernández, I.; Dosta, J.; Fajardo, C.; Campos-Gomez, J.L.; Mosquera-Corral, A.; Méndez-Pampín, R.	Journal of Environmental Management	301	10.1016/j.jenvman.2010.10.044
31	2009	Pre-treatment of hospital wastewater by coagulation-flocculation and flotation	Suárez, S.; Lema, J.M.; Omil, F.	Bioresource Technology	301	10.1016/j.biortech.2008.11.015
32	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.; Núnñez, M.J.	Food Chemistry	294	10.1016/j.foodchem.2003.06.020
33	1993	Methanogenic and non-methanogenic activity tests. Theoretical basis and experimental set up	Soto, M.; Méndez-Pampín, R.; Lema, J.M.	Water Research	287	10.1016/0043-1354(93)90224-6
34	2011	Environmental and economic profile of six typologies of wastewater treatment plants	Rodríguez-García, G.; Molinos-Senante, M.; Hospido, A.; Hernández-Sancho, F.; Moreira, M.T.; Feijoo, G.	Water Research	286	10.1016/j.watres.2011.08.053

35	2013	Influence of solvent on the antioxidant and antimicrobial properties of walnut ( <i>Juglans regia</i> L.) green husk extracts	Fernández-Agulló, A.; Pereira, E.; Freire, M.S.; Valentão, P.; De Andrade, P.B.; González-Álvarez, J.; Pereira, J.A.	Industrial Crops and Products	285	10.1016/j.indcrop.2012.05.021
36	2019	Adsorption of an anionic dye (Congo red) from aqueous solutions by pine bark	Litefti, K.; Freire, M.S.; Stitou, M.; González-Álvarez, J.	Scientific Reports	270	10.1038/s41598-019-53046-z
37	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	263	10.1016/j.biortech.2013.01.173
38	2011	Fungal pretreatment: An alternative in second-generation ethanol from wheat straw	Salvachúa, D.; Prieto, A.; López-Abelairas, M.; Lú-Chau, T.A.; Martínez, Á.T.; Martínez, M.J.	Bioresource Technology	263	10.1016/j.biortech.2011.05.027
39	2005	Partial nitrification in a SHARON reactor in the presence of salts and organic carbon compounds	Mosquera-Corral, A.; Feroso, F.; Campos-Gomez, J.L.; Méndez-Pampín, R.	Process Biochemistry	255	10.1016/j.procbio.2005.03.042
40	2005	Removal of cosmetic ingredients and pharmaceuticals in sewage primary treatment	Carballa, M.; Omil, F.; Lema, J.M.	Water Research	255	10.1016/j.watres.2005.09.018
41	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	250	10.1016/j.watres.2012.07.037
42	2010	A methodology for optimising feed composition for anaerobic co-digestion of agro-industrial wastes	Álvarez, J.A.; Otero, L.; Lema, J.M.	Bioresource Technology	250	10.1016/j.biortech.2009.09.061
43	1995	Sodium inhibition in the anaerobic digestion process: Antagonism and adaptation phenomena	Feijoo, G.; Soto, M.; Méndez-Pampín, R.; Lema, J.M.	Enzyme and Microbial Technology	250	10.1016/0141-0229(94)00011-F
44	2004	Stability of the ANAMMOX process in a gas-lift reactor and a SBR	Dapena-Mora, A.; Campos-Gomez, J.L.; Mosquera-Corral, A.; Jetten, M.S.M.; Méndez-Pampín, R.	Journal of Biotechnology	249	10.1016/j.jbiotec.2004.02.005
45	2021	Bacterial cellulose as a biodegradable food packaging material: A review	Cazón, P.; Vázquez, M.	Food Hydrocolloids	246	10.1016/j.foodhyd.2020.106530
46	2014	Understanding the removal mechanisms of PPCPs and the influence of main technological parameters in anaerobic UASB and aerobic CAS reactors	Alvarino, T.; Suárez, S.; Lema, J.M.; Omil, F.	Journal of Hazardous Materials	246	10.1016/j.jhazmat.2014.06.031
47	2000	Influence of the content in fats and proteins on the anaerobic biodegradability of dairy wastewaters	Vidal, G.; Carvalho, A.; Méndez-Pampín, R.; Lema, J.M.	Bioresource Technology	246	10.1016/S0960-8524(00)00015-8
48	2022	Understanding phenolic acids inhibition of $\alpha$ -amylase and $\alpha$ -glucosidase and influence of reaction conditions	Aleixandre, A.; Gil, J.V.; Sineiro, J.; Rosell, C.M.	Food Chemistry	244	10.1016/j.foodchem.2021.131231
49	2008	Biofilm and granular systems to improve Anammox biomass retention	Fernández, I.; Vázquez-Padín, J.R.; Mosquera-Corral, A.; Campos-Gomez, J.L.; Méndez-Pampín, R.	Biochemical Engineering Journal	240	10.1016/j.bej.2008.07.011
50	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	238	10.1016/j.meatsci.2013.08.007
51	2007	Separation of aromatic hydrocarbons from alkanes using the ionic liquid 1-ethyl-3-methylimidazolium bis((trifluoromethyl) sulfonyl)amide	Arce, A.; Earle, M.J.; Rodríguez, H.; Seddon, K.R.	Green Chemistry	237	10.1039/b610207g

52	2011	Enhanced biomethanation of kitchen waste by different pre-treatments	Ma, J.; Duong, T.H.; Smits, M.; Verstraete, W.; Carballa, M.	Bioresource Technology	232	10.1016/j.biortech.2010.07.122
53	2015	Eco-efficiency analysis of Spanish WWTPs using the LCA+DEA method	Lorenzo-Toja, Y.; Vázquez-Rowe, I.; Chenel, S.; Marín-Navarro, D.; Moreira, M.T.; Feijoo, G.	Water Research	228	10.1016/j.watres.2014.10.040
54	2020	Mechanical and barrier properties of chitosan combined with other components as food packaging film	Cazón, P.; Vázquez, M.	Environmental Chemistry Letters	226	10.1007/s10311-019-00936-3
55	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	226	10.1016/j.watres.2005.04.065
56	2016	Greenhouse Gases Emissions from Wastewater Treatment Plants: Minimization, Treatment, and Prevention	Campos-Gomez, J.L.; Valenzuela-Heredia, D.; Pedrouso, A.; Val del Rio, A.; Belmonte, M.; Mosquera-Corral, A.	Journal of Chemistry	221	10.1155/2016/3796352
57	2004	Aerobic granulation with industrial wastewater in sequencing batch reactors	Arrojo, B.; Mosquera-Corral, A.; Garrido, J.M.; Méndez-Pampín, R.	Water Research	215	10.1016/j.watres.2004.05.002
58	2018	Carbon footprint and nutritional quality of different human dietary choices	González-García, S.; Esteve-Llorens, X.; Moreira, M.T.; Feijoo, G.	Science of the Total Environment	209	10.1016/j.scitotenv.2018.06.339
59	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.; Rodríguez, H.; Seddon, K.R.	Journal of Physical Chemistry B	208	10.1021/jp066377u
60	2010	Laccase-catalyzed degradation of anti-inflammatories and estrogens	Lloret, L.; Eibes, G.; Lú-Chau, T.A.; Moreira, M.T.; Feijoo, G.; Lema, J.M.	Biochemical Engineering Journal	207	10.1016/j.bej.2010.06.005
61	2006	Modeling product formation in anaerobic mixed culture fermentations	Rodríguez, J.; Kleerebezem, R.; Lema, J.M.; van Loosdrecht, M.C.M.	Biotechnology and Bioengineering	207	10.1002/bit.20765
62	2005	Environmental evaluation of different treatment processes for sludge from urban wastewater treatments: Anaerobic digestion versus thermal processes	Hospido, A.; Moreira, M.T.; Martin, M.; Rigola, M.; Feijoo, G.	International Journal of Life Cycle Assessment	205	10.1065/lca2005.05.210
63	2010	The effect and fate of antibiotics during the anaerobic digestion of pig manure	Álvarez, J.A.; Otero, L.; Lema, J.M.; Omil, F.	Bioresource Technology	204	10.1016/j.biortech.2010.06.075
64	2012	Relationship between microbial activity and microbial community structure in six full-scale anaerobic digesters	Regueiro, L.; Veiga, P.; Figueroa, M.; Alonso-Gutiérrez, J.; Stams, A.J.M.; Lema, J.M.; Carballa, M.	Microbiological Research	203	10.1016/j.micres.2012.06.002
65	2013	Anaerobic digestion of different feedstocks: Impact on energetic and environmental balances of biogas process	Bacenetti, J.; Negri, M.; Fiala, M.; González-García, S.	Science of the Total Environment	197	10.1016/j.scitotenv.2013.06.058
66	2012	Joint life cycle assessment and data envelopment analysis of grape production for vinification in the Rías Baixas appellation (NW Spain)	Vázquez-Rowe, I.; Villanueva-Rey, P.; Iribarren, D.; Moreira, M.T.; Feijoo, G.	Journal of Cleaner Production	195	10.1016/j.jclepro.2011.12.039

67	2014	Life cycle assessment of the production of the red antioxidant carotenoid astaxanthin by microalgae: From lab to pilot scale	Pérez-López, P.; González-García, S.; Jeffryes, C.; Agathos, S.N.; McHugh, E.; Walsh, D.; Murray, P.; Moane, S.; Feijoo, G.; Moreira, M.T.	Journal of Cleaner Production	192	10.1016/j.jclepro.2013.07.011
68	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.; Hülsen, T.	Biotechnology Advances	188	10.1016/j.biotechadv.2020.107567
69	2018	Cellulose-glycerol-polyvinyl alcohol composite films for food packaging: Evaluation of water adsorption, mechanical properties, light-barrier properties and transparency	Cazón, P.; Vázquez, M.; Velazquez, G.	Carbohydrate Polymers	188	10.1016/j.carbpol.2018.04.120
70	2010	Ionic liquids on desulfurization of fuel oils	Francisco, M.; Arce, A.; Soto, A.	Fluid Phase Equilibria	186	10.1016/j.fluid.2009.12.020
71	2000	Evaluation of extracts from Gevuina avellana hulls as antioxidants	Moure, A.; Franco, D.; Sineiro, J.; Domínguez, H.; Núnñez, M.J.; Lema, J.M.	Journal of Agricultural and Food Chemistry	186	10.1021/jf000048w
72	1994	Enzymatic pretreatment to enhance oil extraction from fruits and oilseeds: a review	Domínguez, H.; Núnñez, M.J.; Lema, J.M.	Food Chemistry	186	10.1016/0308-8146(94)90172-4
73	2018	Understanding the sorption and biotransformation of organic micropollutants in innovative biological wastewater treatment technologies	Alvarino, T.; Suárez, S.; Lema, J.M.; Omil, F.	Science of the Total Environment	185	10.1016/j.scitotenv.2017.09.278
74	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	183	10.1021/es803284y
75	2002	Removal of cadmium and mercury ions from aqueous solution by sorption on treated Pinus pinaster bark: Kinetics and isotherms	Vázquez-Mariño, G.; González-Álvarez, J.; Freire, S.; López-Lorenzo, M.; Antorrena, G.	Bioresource Technology	182	10.1016/S0960-8524(01)00186-9
76	2007	Gasoline desulfurization using extraction with [C8mim][BF 4] ionic liquid	Alonso, L.; Arce, A.; Francisco, M.; Rodríguez, O.; Soto, A.	AIChE Journal	179	10.1002/aic.11337
77	2011	Reaction of elemental chalcogens with imidazolium acetates to yield imidazole-2-chalcogenones: Direct evidence for ionic liquids as proto-carbenes	Rodríguez, H.; Gurau, G.; Holbrey, J.D.; Rogers, R.D.	Chemical Communications	178	10.1039/c0cc05223j
78	2009	From waste to commodity: transforming shells into high purity calcium carbonate	Barros, M.C.; Bello Bugallo, P.Ma.; Bao, M.; Torrado, J.J.	Journal of Cleaner Production	173	10.1016/j.jclepro.2008.08.013
79	2008	Environmental performance of wastewater treatment plants for small populations	Gallego-Schmid, A.; Hospido, A.; Moreira, M.T.; Feijoo, G.	Resources, Conservation and Recycling	172	10.1016/j.resconrec.2008.02.001
80	2003	Simplified life cycle assessment of galician milk production	Hospido, A.; Moreira, M.T.; Feijoo, G.	International Dairy Journal	172	10.1016/S0958-6946(03)00100-6
81	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	168	10.1016/j.ifset.2022.102974

82	2020	Perspectives from CO+RE: How COVID-19 changed our food systems and food security paradigms	Bakalis, S.; Valdramidis, V.P.; Argyropoulos, D.; Ahrné, 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.; Schlüter, O.K.; Taoukis, P.; Xanthakis, E.; van Impe, J.F.M.	Current Research in Food Science	168	10.1016/j.crfs.2020.05.003
83	2014	Comparative life cycle assessment in the wine sector: Biodynamic vs. conventional viticulture activities in NW Spain	Villanueva-Rey, P.; Vázquez-Rowe, I.; Moreira, M.T.; Feijoo, G.	Journal of Cleaner Production	168	10.1016/j.jclepro.2013.08.026
84	2013	Review of combined approaches and multi-criteria analysis for corporate environmental evaluation	Herva, M.; Roca, E.	Journal of Cleaner Production	168	10.1016/j.jclepro.2012.07.058
85	2008	Comparison of predicted and measured concentrations of selected pharmaceuticals, fragrances and hormones in Spanish sewage	Carballa, M.; Omil, F.; Lema, J.M.	Chemosphere	168	10.1016/j.chemosphere.2008.04.034
86	2002	Nitrification in saline wastewater with high ammonia concentration in an activated sludge unit	Campos-Gomez, J.L.; Mosquera-Corral, A.; Sánchez, M.; Méndez-Pampín, R.; Lema, J.M.	Water Research	167	10.1016/S0043-1354(01)00467-5
87	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	166	10.1007/s11274-010-0642-x
88	2010	Diclofenac oxidation by biogenic manganese oxides	Forrez, I.; Carballa, M.; Verbeken, K.; Vanhaecke, L.; Schlüsener, M.S.; Ternes, T.; Boon, N.; Verstraete, W.	Environmental Science and Technology	166	10.1021/es9027327
89	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.; Rodríguez, H.; Rebelo, L.P.N.; Rogers, R.D.; Pereira Coutinho, J.A.P.	Chemistry - A European Journal	165	10.1002/chem.201101780
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	163	10.1016/j.scitotenv.2008.10.062
91	2009	Treatment of anaerobic sludge digester effluents by the CANON process in an air pulsing SBR	Vázquez-Padín, J.R.; Pozo, M.J.; Jarpa, M.; Figueroa, M.; Franco-Uría, A.; Mosquera-Corral, A.; Campos-Gomez, J.L.; Méndez-Pampín, R.	Journal of Hazardous Materials	162	10.1016/j.jhazmat.2008.11.055
92	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	162	10.1016/j.chemosphere.2005.11.075
93	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.; Rodríguez, S.; Martínez-Lamas, L.; Vasallo-Vidal, F.J.; Regueiro-García, B.; Lema, J.M.	Science of the Total Environment	160	10.1016/j.scitotenv.2021.145268
94	2016	Status of hormones and painkillers in wastewater effluents across several European states—	Schröder, P.; Helmreich, B.; Škrbić, B.; Carballa, M.; Papa, M.; Pastore, C.; Emre, Z.; Oehmen, A.; Langenhoff, A.; Molinos, M.; Dvarionienė, J.; Huber,	Environmental Science and Pollution Research	160	10.1007/s11356-016-6503-x

		considerations for the EU watch list concerning estradiols and diclofenac	C.; Tsagarakis, K.P.; Martínez-López, E.; Pagano, S.M.; Vogelsang, C.; Mascolo, G.			
95	2017	Resilience of Malic Acid Natural Deep Eutectic Solvent Nanostructure to Solidification and Hydration	Hammond, O.S.; Bowron, D.T.; Jackson, A.J.; Arnold, T.; Sanchez-Fernandez, A.; Tsapatsaris, N.; García-Sakai, V.; Edler, K.J.	Journal of Physical Chemistry B	159	10.1021/acs.jpcc.7b05454
96	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	159	10.1016/j.scitotenv.2011.02.013
97	2011	Extracts of maqui ( <i>Aristotelia chilensis</i> ) and murta ( <i>Ugni molinae</i> Turcz.): Sources of antioxidant compounds and $\alpha$ -glucosidase/ $\alpha$ -amylase inhibitors	Rubilar, M.; Jara, C.; Poo, Y.; Acevedo, F.; Gutiérrez, C.; Sineiro, J.; Shene, C.	Journal of Agricultural and Food Chemistry	158	10.1021/jf103461k
98	2008	Fate of pharmaceuticals and cosmetic ingredients during the operation of a MBR treating sewage	Reif, R.; Suárez, S.; Omil, F.; Lema, J.M.	Desalination	158	10.1016/j.desal.2007.01.111
99	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	157	10.1016/j.jbiotec.2010.02.015
100	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	155	10.1016/j.watres.2009.02.007
101	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	155	10.1016/S0260-8774(00)00098-4
102	2003	Anaerobic filter reactor performance for the treatment of complex dairy wastewater at industrial scale	Omil, F.; Garrido, J.M.; Arrojo, B.; Méndez-Pampín, R.	Water Research	154	10.1016/S0043-1354(03)00346-4
103	2013	Hazardous organic chemicals in rubber recycled tire playgrounds and pavers	Llompарт, M.; Sánchez-Prado, L.; Pablo Lamas, J.; García-Jares, C.; Roca, E.; Dagnac, T.	Chemosphere	153	10.1016/j.chemosphere.2012.07.053
104	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	153	10.1016/j.jct.2008.01.025
105	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	152	10.1016/j.watres.2016.06.025
106	2011	Review of corporate environmental indicators	Herva, M.; Franco-Uría, A.; Fdez-Carrasco, E.F.; Roca, E.	Journal of Cleaner Production	152	10.1016/j.jclepro.2011.05.019
107	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.; Ruíz-Filippi, G.; Chamy, R.; Lema, J.M.	Water Research	148	10.1016/j.watres.2013.09.004
108	2008	Thermodynamic analysis of experimental sorption isotherms of loquat and quince fruits	Moreira, R.; Chenlo-Romero, F.; Torres Perez, M.D.; Vallejo, N.	Journal of Food Engineering	148	10.1016/j.jfoodeng.2008.03.011

109	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	148	10.1016/j.chemosphere.2006.10.004
110	2005	Life cycle environmental impacts of Spanish tuna fisheries	Hospido, A.; Tyedmers, P.	Fisheries Research	148	10.1016/j.fishres.2005.05.016
111	2012	Physicochemical properties of maize cob cellulose powders reconstituted from ionic liquid solution	Azubuike, C.P.; Rodríguez, H.; Okhamafe, A.O.; Rogers, R.D.	Cellulose	147	10.1007/s10570-011-9631-y
112	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	147	10.1002/(SICI)1097-0290(19980320)57:6<676::AID-BIT5>3.0.CO;2-I
113	2014	Extractive and oxidative-extractive desulfurization of fuels with ionic liquids	Rodríguez-Cabo, B.; Rodríguez, H.; Rodil, E.; Arce, A.; Soto, A.	Fuel	144	10.1016/j.fuel.2013.10.012
114	2006	Mass transfer during continuous solid-liquid extraction of antioxidants from grape byproducts	Pinelo, M.; Sineiro, J.; Núnñez, M.J.	Journal of Food Engineering	144	10.1016/j.jfoodeng.2005.06.021
115	1995	Anaerobic treatment of saline wastewaters under high sulphide and ammonia content	Omil, F.; Méndez-Pampín, R.; Lema, J.M.	Bioresource Technology	144	10.1016/0960-8524(95)00143-3
116	2009	Chestnut shell as heavy metal adsorbent: Optimization study of lead, copper and zinc cations removal	Vázquez-Mariño, G.; Calvo, M.; Freire, M.S.; González-Álvarez, J.; Antorrena, G.	Journal of Hazardous Materials	143	10.1016/j.jhazmat.2009.08.006
117	2009	Evaluation of potential applications for chestnut ( <i>Castanea sativa</i> ) shell and eucalyptus ( <i>Eucalyptus globulus</i> ) bark extracts	Vázquez-Mariño, G.; González-Álvarez, J.; Santos, J.; Freire, M.S.; Antorrena, G.	Industrial Crops and Products	143	10.1016/j.indcrop.2008.07.004
118	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	143	10.1016/j.seppur.2005.01.013
119	2010	Combined application of life cycle assessment and data envelopment analysis as a methodological approach for the assessment of fisheries	Vázquez-Rowe, I.; Iribarren, D.; Moreira, M.T.; Feijoo, G.	International Journal of Life Cycle Assessment	142	10.1007/s11367-010-0154-9
120	2004	Environmental performance of a municipal wastewater treatment plant	Hospido, A.; Moreira, M.T.; Fernández-Couto, M.; Feijoo, G.	International Journal of Life Cycle Assessment	142	10.1007/BF02978602
121	2008	Heat capacities and excess enthalpies of 1-3ethyl-3-methylimidazolium-based ionic liquids and water	Ficke, L.E.; Rodríguez, H.; Brennecke, J.F.	Journal of Chemical and Engineering Data	141	10.1021/jc800248w
122	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	140	10.1016/j.biortech.2015.08.076
123	2010	Environmental assessment of anaerobically digested sludge reuse in agriculture: Potential impacts of emerging micropollutants	Hospido, A.; Carballa, M.; Moreira, M.T.; Omil, F.; Lema, J.M.; Feijoo, G.	Water Research	140	10.1016/j.watres.2010.03.004
124	1999	Anaerobic hydrolysis and acidogenesis of wastewaters from food industries with high content of organic solids and protein	Guerrero, L.; Omil, F.; Méndez-Pampín, R.; Lema, J.M.	Water Research	140	10.1016/S0043-1354(99)00041-X

125	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	138	10.1016/j.scitotenv.2015.10.010
126	1997	Effect of chemical modification of lignin on the gluebond performance of lignin-phenolic resins	Vázquez-Mariño, G.; González-Álvarez, J.; Freire, S.; Antorrena, G.	Bioresource Technology	137	10.1016/S0960-8524(97)00030-8
127	2018	Critical aggregation concentration for the formation of early Amyloid- $\beta$ (1-42) oligomers	Novo, M.; Freire, M.S.; Al-Soufi, W.	Scientific Reports	136	10.1038/s41598-018-19961-3
128	2012	Water adsorption isotherms of carboxymethyl cellulose, guar, locust bean, tragacanth and xanthan gums	Torres Perez, M.D.; Moreira, R.; Chenlo-Romero, F.; Vázquez-Vila, M.J.	Carbohydrate Polymers	135	10.1016/j.carbpol.2012.03.055
129	2010	Flaxseed as a source of functional ingredients	Rubilar, M.; Gutiérrez, C.; Verdugo, M.; Shene, C.; Sineiro, J.	Journal of Soil Science and Plant Nutrition	135	10.4067/S0718-95162010000100010
130	2007	Kinetics of triclosan oxidation by aqueous ozone and consequent loss of antibacterial activity: Relevance to municipal wastewater ozonation	Suárez, S.; Dodd, M.C.; Omil, F.; Von Gunten, U.	Water Research	135	10.1016/j.watres.2007.02.049
131	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.W.; Lettinga, G.	Process Biochemistry	135	10.1016/S0032-9592(96)00015-5
132	1994	Adsorption of heavy metal ions by chemically modified Pinus pinaster bark	Vázquez-Mariño, G.; Antorrena, G.; González-Álvarez, J.; Doval, M.D.	Bioresource Technology	133	10.1016/0960-8524(94)90154-6
133	2014	Life cycle assessment of electricity production in Italy from anaerobic co-digestion of pig slurry and energy crops	Lijó, L.; González-García, S.; Bacenetti, J.; Fiala, M.; Feijoo, G.; Lema, J.M.; Moreira, M.T.	Renewable Energy	131	10.1016/j.renene.2014.03.005
134	2011	Removal of persistent pharmaceutical micropollutants from sewage by addition of PAC in a sequential membrane bioreactor	Serrano-Palacios, D.; Suárez, S.; Lema, J.M.; Omil, F.	Water Research	131	10.1016/j.watres.2011.07.037
135	2021	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies	França, W.T.; Barros, M.V.; Salvador, R.; de Francisco, A.C.; Moreira, M.T.; Piekarski, C.	International Journal of Life Cycle Assessment	130	10.1007/s11367-020-01857-y
136	2012	Biotransformation of three pharmaceutical active compounds by the fungus Phanerochaete chrysosporium in a fed batch stirred reactor under air and oxygen supply	Rodarte-Morales, A.I.; Feijoo, G.; Moreira, M.T.; Lema, J.M.	Biodegradation	129	10.1007/s10532-011-9494-9
137	2010	Microbial community distribution and activity dynamics of granular biomass in a CANON reactor	Vázquez-Padín, J.R.; Mosquera-Corral, A.; Campos-Gomez, J.L.; Méndez-Pampín, R.; Revsbech, N.P.	Water Research	129	10.1016/j.watres.2010.05.041
138	2008	Kinetics of denitrification using sulphur compounds: Effects of S/N ratio, endogenous and exogenous compounds	Campos-Gomez, J.L.; Carvalho, S.; Portela, R.; Mosquera-Corral, A.; Méndez-Pampín, R.	Bioresource Technology	128	10.1016/j.biortech.2007.02.007
139	2016	Benchmarking wastewater treatment plants under an eco-efficiency perspective	Lorenzo-Toja, Y.; Vázquez-Rowe, I.; Amores, M.J.; Termes-Rifé, M.; Marín-Navarro, D.; Moreira, M.T.; Feijoo, G.	Science of the Total Environment	126	10.1016/j.scitotenv.2016.05.110

140	2006	Life cycle inventory of particleboard: A case study in the wood sector	Rivela, B.; Hospido, A.; Moreira, M.T.; Feijoo, G.	International Journal of Life Cycle Assessment	126	10.1065/lca2005.05.206
141	2017	The prospective use of biochar as adsorption matrix – A review from a lifecycle perspective	Moreira, M.T.; Noya, I.; Feijoo, G.	Bioresource Technology	125	10.1016/j.biortech.2017.08.041
142	2015	Surfactant Behavior of Sodium Dodecylsulfate in Deep Eutectic Solvent Choline Chloride/Urea	Arnold, T.; Jackson, A.J.; Sanchez-Fernandez, A.; Magnone, D.; Terry, A.E.; Edler, K.J.	Langmuir	125	10.1021/acs.langmuir.5b02596
143	2017	Protein conformation in pure and hydrated deep eutectic solvents	Sanchez-Fernandez, A.; Edler, K.J.; Arnold, T.; Alba-Venero, D.; Jackson, A.J.	Physical Chemistry Chemical Physics	123	10.1039/c7cp00459a
144	2016	Fungal pretreatment of agricultural residues for bioethanol production	García-Torreiro, M.; López-Abelairas, M.; Lú-Chau, T.A.; Lema, J.M.	Industrial Crops and Products	123	10.1016/j.indcrop.2016.05.036
145	2012	Environmental analysis of Ribeiro wine from a timeline perspective: Harvest year matters when reporting environmental impacts	Vázquez-Rowe, I.; Villanueva-Rey, P.; Moreira, M.T.; Feijoo, G.	Journal of Environmental Management	123	10.1016/j.jenvman.2011.12.009
146	2010	Life cycle assessment of raw materials for non-wood pulp mills: Hemp and flax	González-García, S.; Hospido, A.; Feijoo, G.; Moreira, M.T.	Resources, Conservation and Recycling	123	10.1016/j.resconrec.2010.01.011
147	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.; Rodríguez, H.; Seddon, K.R.; Soto, A.	Green Chemistry	122	10.1039/b807222a
148	2003	Apparent Molar Volume, Isentropic Compressibility, Refractive Index, and Viscosity of DL-Alanine in Aqueous NaCl Solutions	Rodríguez, H.; Soto, A.; Arce, A.; Khoshkbarchi, M.K.	Journal of Solution Chemistry	121	10.1023/A:1022640715229
149	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-Uría, A.; Roca, E.	Environmental Science and Pollution Research	120	10.1007/s11356-011-0444-1
150	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	120	10.1016/j.fluid.2008.06.012
151	2006	Physical and excess properties for binary mixtures of 1-methyl-3- octylimidazolium tetrafluoroborate, [Omim][BF4], ionic liquid with different alcohols	Arce, A.; Rodil, E.; Soto, A.	Journal of Solution Chemistry	120	10.1007/s10953-006-8939-y
152	2021	Improving bacterial cellulose films by ex-situ and in-situ modifications: A review	Cazón, P.; Vázquez, M.	Food Hydrocolloids	119	10.1016/j.foodhyd.2020.106514
153	2000	Evaluation of different fungal strains in the decolourisation of synthetic dyes	Moreira, M.T.; Mielgo, I.; Feijoo, G.; Lema, J.M.	Biotechnology Letters	118	10.1023/A:1005606330152
154	2013	Linking thermodynamics and kinetics to assess pathway reversibility in anaerobic bioprocesses	Gonzalez-Cabaleiro, R.; Lema, J.M.; Rodríguez, J.; Kleerebezem, R.	Energy and Environmental Science	116	10.1039/c3ee42754d
155	2012	Pharmaceutically active ionic liquids with solids handling, enhanced thermal stability, and fast release	Bica-Schröder, K.; Rodríguez, H.; Gurau, G.; Andreea Cojocar, O.; Riisager, A.; Fehrmann, R.; Rogers, R.D.	Chemical Communications	116	10.1039/c2cc30959a

156	2010	Monitoring the stability of an Anammox reactor under high salinity conditions	Dapena-Mora, A.; Vázquez-Padín, J.R.; Campos-Gomez, J.L.; Mosquera-Corral, A.; Jetten, M.S.M.; Méndez-Pampín, R.	Biochemical Engineering Journal	116	10.1016/j.bej.2010.06.014
157	2008	Water absorption, texture, and color kinetics of air-dried chestnuts during rehydration	Moreira, R.; Chenlo-Romero, F.; Chaguri e Carvalho, L.; Fernandes, C.	Journal of Food Engineering	116	10.1016/j.jfoodeng.2007.11.012
158	2020	Polyhydroxyalkanoates (PHAs) production: A feasible economic option for the treatment of sewage sludge in municipal wastewater treatment plants?	Crutchik, D.; Franchi, O.; Caminos, L.; Jeison, D.; Belmonte, M.; Pedrouso, A.; Val del Rio, Á.; Mosquera-Corral, A.; Campos-Gomez, J.L.	Water (Switzerland)	115	10.3390/W12041118
159	2015	Valorisation of fish by-products against waste management treatments - Comparison of environmental impacts	Lopes, C.; Antelo, L.T.; Franco-Uría, A.; Alonso, A.A.; Pérez-Martín, R.	Waste Management	114	10.1016/j.wasman.2015.08.017
160	2006	Granulation in high-load denitrifying upflow sludge bed (USB) pulsed reactors	Franco-Uría, A.; Roca, E.; Lema, J.M.	Water Research	114	10.1016/j.watres.2005.11.044
161	2017	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons	Pérez-López, P.; de Vree, J.H.; Feijoo, G.; Bosma, R.; Barbosa, M.J.; Moreira, M.T.; Wijffels, R.H.; Van Boxtel, A.J.B.; Kleinegris, D.M.M.	Applied Energy	113	10.1016/j.apenergy.2017.08.102
162	2015	Integration of the Anammox process to the rejection water and main stream lines of WWTPs	Morales, N.; Val del Rio, A.; Vázquez-Padín, J.R.; Méndez-Pampín, R.; Mosquera-Corral, A.; Campos-Gomez, J.L.	Chemosphere	113	10.1016/j.chemosphere.2015.03.058
163	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.; Alfonsín, C.; Hospido, A.; Azapagic, A.	Journal of Environmental Management	112	10.1016/j.jenvman.2019.109643
164	2013	Absorption of carbon dioxide in two binary mixtures of ionic liquids	Pinto, A.M.; Rodríguez, H.; Colón, Y.J.; Arce, A.; Soto, A.	Industrial and Engineering Chemistry Research	112	10.1021/ie303238h
165	2013	Ranking municipal solid waste treatment alternatives based on ecological footprint and multi-criteria analysis	Herva, M.; Roca, E.	Ecological Indicators	112	10.1016/j.ecolind.2012.09.005
166	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	112	10.1016/j.biortech.2011.03.018
167	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	112	10.1016/j.watres.2010.11.031
168	2008	Treatment of saline wastewater in SBR aerobic granular reactors	Figueroa, M.; Mosquera-Corral, A.; Campos-Gomez, J.L.; Méndez-Pampín, R.	Water Science and Technology	112	10.2166/wst.2008.406
169	2008	A comparison of municipal wastewater treatment plants for big centres of population in Galicia (Spain)	Hospido, A.; Moreira, M.T.; Feijoo, G.	International Journal of Life Cycle Assessment	112	10.1065/lca2007.03.314

170	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	112	10.2166/wst.2006.241
171	2011	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase	Eibes, G.; Debernardi, G.; Feijoo, G.; Moreira, M.T.; Lema, J.M.	Biodegradation	111	10.1007/s10532-010-9426-0
172	2010	Further potentials in the joint implementation of life cycle assessment and data envelopment analysis	Iribarren, D.; Vázquez-Rowe, I.; Moreira, M.T.; Feijoo, G.	Science of the Total Environment	111	10.1016/j.scitotenv.2010.07.078
173	2006	Effects of mechanical stress on Anammox granules in a sequencing batch reactor (SBR)	Arrojo, B.; Mosquera-Corral, A.; Campos-Gomez, J.L.; Méndez-Pampín, R.	Journal of Biotechnology	111	10.1016/j.jbiotec.2005.12.023
174	2020	Cradle-to-gate Life Cycle Assessment of bio-adhesives for the wood panel industry. A comparison with petrochemical alternatives	Arias, A.; González-García, S.; González-Rodríguez, S.; Feijoo, G.; Moreira, M.T.	Science of the Total Environment	110	10.1016/j.scitotenv.2020.140357
175	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	110	10.1021/es304783k
176	2012	Life cycle assessment of two alternative bioenergy systems involving Salix spp. biomass: Bioethanol production and power generation	González-García, S.; Iribarren, D.; Susmozas, A.; Dufour, J.; Murphy, R.J.	Applied Energy	110	10.1016/j.apenergy.2012.02.022
177	2009	The role of seasonality in lettuce consumption: A case study of environmental and social aspects	Hospido, A.; Canals, L.; McLaren, S.; Truninger, M.; Edwards-Jones, G.; Clift, R.	International Journal of Life Cycle Assessment	110	10.1007/s11367-009-0091-7
178	2019	Characterization of bacterial cellulose films combined with chitosan and polyvinyl alcohol: Evaluation of mechanical and barrier properties	Cazón, P.; Velazquez, G.; Vázquez, M.	Carbohydrate Polymers	109	10.1016/j.carbpol.2019.03.093
179	2019	Application of immobilized TiO <sub>2</sub> on PVDF dual layer hollow fibre membrane to improve the photocatalytic removal of pharmaceuticals in different water matrices	Paredes, L.; Murgolo, S.; Dzinun, H.; Othman, M.H.; A.F., A.F.; Carballa, M.; Mascolo, G.	Applied Catalysis B: Environmental	109	10.1016/j.apcatb.2018.08.067
180	2006	Environmental assessment of canned tuna manufacture with a life-cycle perspective	Hospido, A.; Vázquez, M.E.; Cuevas, A.; Feijoo, G.; Moreira, M.T.	Resources, Conservation and Recycling	109	10.1016/j.resconrec.2005.10.003
181	2021	Life cycle assessment of fish and seafood processed products – A review of methodologies and new challenges	Ruiz Salmón, I.; Laso, J.; Margallo, M.; Villanueva-Rey, P.; Rodríguez, E.; Quinteiro, P.; Dias, A.C.; Almeida, C.; Nunes, M.L.; Marques, A.; Cortés, A.; Moreira, M.T.; Feijoo, G.; Loubet, P.; Sonnemann, G.; Morse, A.P.; Cooney, R.; Clifford, E.; Regueiro, L.; Méndez, D.; Anglada, C.; Noiro, C.; Rowan, N.; Vázquez-Rowe, I.; Aldaco, R.	Science of the Total Environment	108	10.1016/j.scitotenv.2020.144094

182	2011	Autotrophic nitrogen removal at low temperature	Vázquez-Padín, J.R.; Fernández, I.; Morales, N.; Campos-Gomez, J.L.; Mosquera-Corral, A.; Méndez-Pampín, R.	Water Science and Technology	108	10.2166/wst.2011.370
183	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	108	10.1007/s11367-009-0130-4
184	2006	Mutually immiscible ionic liquids	Arce, A.; Earle, M.J.; Katdare, S.P.; Rodríguez, H.; Seddon, K.R.	Chemical Communications	108	10.1039/b604595b
185	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.; Núnñez, M.J.	Food Chemistry	107	10.1016/j.foodchem.2005.09.064
186	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	107	10.1023/B:JOSL.0000026642.07518.43
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