



h-index = 135 (Of the 2476 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.; Manuel Domínguez J.; Sineiro J.; Domínguez H.; Núñez M.J.; Carlos Parajó J.	Food Chemistry	1455	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.; Llopart M.; García-Jares C.; Rodríguez I.; Gómez M.; Ternes T.	Water Research	1403	10.1016/j.watres.2004.03.029
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	1027	10.1021/je00019a016
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	914	10.1039/b822702k

5	2007	The third evolution of ionic liquids: Active pharmaceutical ingredients	Hough W.L.; Smiglak M.; Rodríguez 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. 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 Laelos 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.; Pauss A.; Pommier S.; Porqueddu I.; Raposo F.; Ribeiro T.; Pfund F.R.; Strömberg S.; Torrijos M.; Van Eekert M.; Van Lier J.; Wedwitschka H.; Wierinck I.	New Journal of Chemistry	767	10.1039/b706677p
6	2016	Towards a standardization of biomethane potential tests	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.; Pauss A.; Pommier S.; Porqueddu I.; Raposo F.; Ribeiro T.; Pfund F.R.; Strömberg S.; Torrijos M.; Van Eekert M.; Van Lier J.; Wedwitschka H.; Wierinck I.	Water Science and Technology	687	10.2166/wst.2016.336
7	2007	Evaluation of activity and inhibition effects on Anammox process by batch tests based on the nitrogen gas production	Dapena-Mora A.; Fernández I.; Campos J.L.; Mosquera-Corral A.; Méndez R.; Jetten M.S.M.	Enzyme and Microbial Technology	550	10.1016/j.enzmictec.2006.06.018
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.; Núñez M.J.	Journal of Agricultural and Food Chemistry	500	10.1021/jf0488110
9	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	498	10.1016/j.watres.2013.06.049
10	2006	Functionality of oilseed protein products: A review	Moure A.; Sineiro J.; Domínguez H.; Parajó J.C.	Food Research International	478	10.1016/j.foodres.2006.07.002
11	2017	Rutin: A review on extraction, identification and purification methods, biological activities and approaches to enhance its bioavailability	Gullón B.; Lú-Chau T.A.; Moreira M.T.; Lema J.M.; Eibes G.	Trends in Food Science and Technology	477	10.1016/j.tifs.2017.07.008
12	2011	Biochemical methane potential (BMP) of solid organic substrates: Evaluation of anaerobic biodegradability using data from an international interlaboratory study	Raposo F.; Fernández-Cegrí V.; de la Rubia M.A.; Borja R.; Béline F.; Cavinato C.; Demirer G.; Fernández B.; Fernández-Polanco M.; Frigon J.C.; Ganesh R.; Kaparaju P.; Koubova J.; Méndez R.; Menin G.; Peene A.; Scherer P.; Torrijos M.; Uellendahl H.; Wierinck I.; de Wilde V.	Journal of Chemical Technology and Biotechnology	451	10.1002/jctb.2622
13	2006	Temperature and composition dependence of the density and viscosity of binary mixtures of water + ionic liquid	Rodríguez H.; Brennecke J.F.	Journal of Chemical and Engineering Data	445	10.1021/je0602824
14	2010	Removal of Pharmaceutical and Personal Care Products (PPCPs) under nitrifying and denitrifying conditions	Suarez S.; Lema J.M.; Omil F.	Water Research	435	10.1016/j.watres.2010.02.040
15	2009	Source identification of heavy metals in pastureland by multivariate analysis in NW Spain	Franco-Uría A.; López-Mateo C.; Roca E.; Fernández-Marcos M.L.	Journal of Hazardous Materials	408	10.1016/j.jhazmat.2008.10.118

16	2005	Propionate oxidation by and methanol inhibition of anaerobic ammonium-oxidizing bacteria	Güven 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	396	10.1128/AEM.71.2.1066-1071.2005
17	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	396	10.1007/s00253-008-1522-2
18	2011	Where are ionic liquid strategies most suited in the pursuit of chemicals and energy from lignocellulosic biomass?	Sun N.; Rodríguez H.; Rahman M.; Rogers R.D.	Chemical Communications	396	10.1039/c0cc03990j
19	2008	How are pharmaceutical and personal care products (PPCPs) removed from urban wastewaters?	Suárez S.; Carballa M.; Omil F.; Lema J.M.	Reviews in Environmental Science and Biotechnology	378	10.1007/s11157-008-9130-2
20	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	376	10.1016/j.apenergy.2016.07.043
21	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 Vossen J.; Kartal B.; Van Niftrik L.; Schmidt I.; Cirpus I.; Kuenen J.G.; Wagner M.; Sinninghe Damsté J.S.; Kuypers M.; Revsbech N.P.; Mendez R.; Jetten M.S.M.; Strous M.	Applied and Environmental Microbiology	362	10.1128/AEM.71.4.1677-1684.2005
22	2011	Demonstration of chemisorption of carbon dioxide in 1,3-dialkylimidazolium acetate ionic liquids	Gurau G.; Rodríguez H.; Kelley S.P.; Janiczek P.; Kalb R.S.; Rogers R.D.	Angewandte Chemie - International Edition	359	10.1002/anie.201105198
23	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	357	10.1016/j.watres.2007.02.012
24	2008	Short- and long-term effects of temperature on the Anammox process	Dosta J.; Fernández I.; Vázquez-Padín J.R.; Mosquera-Corral A.; Campos J.L.; Mata-Álvarez J.; Méndez R.	Journal of Hazardous Materials	345	10.1016/j.jhazmat.2007.10.082
25	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	343	10.1128/AEM.02337-09
26	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	334	10.1128/aem.58.7.2219-2226.1992
27	2008	Antioxidant activity and phenolic content of chestnut (<i>Castanea sativa</i>) shell and eucalyptus (<i>Eucalyptus globulus</i>) bark extracts	Vázquez G.; Fontenla E.; Santos J.; Freire M.S.; González-Álvarez J.; Antorrena G.	Industrial Crops and Products	329	10.1016/j.indcrop.2008.03.003
28	2018	Berries extracts as natural antioxidants in meat products: A review	Lorenzo J.M.; Pateiro M.; Domínguez R.; Barba F.J.; Putnik P.; Kovačević D.B.; Shpigelman A.; Granato D.; Franco D.	Food Research International	328	10.1016/j.foodres.2017.12.005
29	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	313	10.1016/0167-7799(93)90121-O
30	1988	Characteristics of landfill leachates and alternatives for their treatment: A review	Lema J.M.; Mendez R.; Blazquez R.	Water, Air, and Soil Pollution	300	10.1007/BF00163730

31	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	295	10.1016/j.watres.2007.07.012
32	2008	Testing the assertion that 'local food is best': the challenges of an evidence-based approach	Edwards-Jones G.; Milà 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	295	10.1016/j.tifs.2008.01.008
33	2015	Microbial management of anaerobic digestion: Exploiting the microbiome-functionality nexus	Carballa M.; Regueiro L.; Lema J.M.	Current Opinion in Biotechnology	293	10.1016/j.copbio.2015.01.008
34	2009	Pre-treatment of hospital wastewater by coagulation-flocculation and flotation	Suarez S.; Lema J.M.; Omil F.	Bioresource Technology	285	10.1016/j.biortech.2008.11.015
35	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.; Núñez M.J.	Food Chemistry	282	10.1016/j.foodchem.2003.06.020
36	1993	Methanogenic and non-methanogenic activity tests. Theoretical basis and experimental set up	Soto M.; Méndez R.; Lema J.M.	Water Research	279	10.1016/0043-1354(93)90224-6
37	2012	Short- and long-term effects of ammonium and nitrite on the Anammox process	Fernández I.; Dosta J.; Fajardo C.; Campos J.L.; Mosquera-Corral A.; Méndez R.	Journal of Environmental Management	278	10.1016/j.jenvman.2010.10.044
38	1997	Influence of dissolved oxygen concentration on nitrite accumulation in a biofilm airlift suspension reactor	Garrido J.M.; Van Benthum W.A.J.; Van Loosdrecht M.C.M.; Heijnen J.J.	Biotechnology and Bioengineering	272	10.1002/(SICI)1097-0290(19970120)53:2<168::AID-BIT6>3.0.CO;2-M
39	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	270	10.1016/j.watres.2011.08.053
40	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.; Andrade P.B.; González-álvarez J.; Pereira J.A.	Industrial Crops and Products	263	10.1016/j.indcrop.2012.05.021
41	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	255	10.1016/j.biortech.2013.01.173
42	2005	Partial nitrification in a SHARON reactor in the presence of salts and organic carbon compounds	Mosquera-Corral A.; González F.; Campos J.L.; Méndez R.	Process Biochemistry	252	10.1016/j.procbio.2005.03.042
43	2005	Removal of cosmetic ingredients and pharmaceuticals in sewage primary treatment	Carballa M.; Omil F.; Lema J.M.	Water Research	252	10.1016/j.watres.2005.09.018
44	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	252	10.1016/j.watres.2020.116058
45	2011	Fungal pretreatment: An alternative in second-generation ethanol from wheat straw	Salvachúa D.; Prieto A.; López-Abelairas M.; Lu-Chau T.; Martínez Á.T.; Martínez M.J.	Bioresource Technology	251	10.1016/j.biortech.2011.05.027
46	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	245	10.1016/j.biortech.2009.09.061
47	2000	Influence of the content in fats and proteins on the anaerobic biodegradability of dairy wastewaters	Vidal G.; Carvalho A.; Méndez R.; Lema J.M.	Bioresource Technology	243	10.1016/S0960-8524(00)00015-8

48	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.; Méndez R.	Journal of Biotechnology	243	10.1016/j.jbiotec.2004.02.005
49	1995	Sodium inhibition in the anaerobic digestion process: Antagonism and adaptation phenomena	Feijoo G.; Soto M.; Méndez R.; Lema J.M.	Enzyme and Microbial Technology	242	10.1016/0141-0229(94)00011-F
50	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	242	10.1016/j.watres.2012.07.037
51	2006	Start-up of the Anammox process in a membrane bioreactor	Trigo C.; Campos J.L.; Garrido J.M.; Méndez R.	Journal of Biotechnology	242	10.1016/j.jbiotec.2006.05.008
52	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	233	10.1016/j.jhazmat.2014.06.031
53	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	232	10.1039/b610207g
54	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	229	10.1038/s41598-019-53046-z
55	2008	Biofilm and granular systems to improve Anammox biomass retention	Fernández I.; Vázquez-Padín J.R.; Mosquera-Corral A.; Campos J.L.; Méndez R.	Biochemical Engineering Journal	229	10.1016/j.bej.2008.07.011
56	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	221	10.1016/j.watres.2005.04.065
57	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	221	10.1016/j.meatsci.2013.08.007
58	2011	Enhanced biomethanation of kitchen waste by different pre-treatments	Ma J.; Duong T.H.; Smits M.; Verstraete W.; Carballa M.	Bioresource Technology	220	10.1016/j.biortech.2010.07.122
59	2004	Aerobic granulation with industrial wastewater in sequencing batch reactors	Arrojo B.; Mosquera-Corral A.; Garrido J.M.; Méndez R.	Water Research	213	10.1016/j.watres.2004.05.002
60	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	211	10.1016/j.watres.2014.10.040
61	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	201	10.1021/jp066377u
62	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	200	10.1016/j.bej.2010.06.005
63	2006	Modeling product formation in anaerobic mixed culture fermentations	Rodríguez J.; Kleerebezem R.; Lema J.M.; Van Loosdrecht M.C.M.	Biotechnology and Bioengineering	200	10.1002/bit.20765
64	2005	Environmental evaluation of different treatment processes for sludge from urban wastewater treatments: Anaerobic digestion versus thermal processes	Hospido A.; Moreira Ma.T.; Martín M.; Rigola M.; Feijoo G.	International Journal of Life Cycle Assessment	197	10.1065/lca2005.05.210
65	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	195	10.1016/j.biortech.2010.06.075

66	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	195	10.1016/j.micres.2012.06.002
67	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	Vázquez G.; Alvarez E.; Navaza J.M.; Rendo R.; Romero E.	Journal of Chemical and Engineering Data	192	10.1021/je960238w
68	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	189	10.1016/j.scitotenv.2013.06.058
69	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.; Teresa Moreira M.; Feijoo G.	Journal of Cleaner Production	189	10.1016/j.jclepro.2011.12.039
70	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	188	10.1016/j.meatsci.2012.06.026
71	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	185	10.1016/B978-0-12-811031-7.00003-0
72	2000	Evaluation of extracts from Gevuina avellana hulls as antioxidants	Moure A.; Franco D.; Sineiro J.; Domínguez H.; Núñez M.J.; Lema J.M.	Journal of Agricultural and Food Chemistry	185	10.1021/jf000048w
73	2010	Ionic liquids on desulfurization of fuel oils	Francisco M.; Arce A.; Soto A.	Fluid Phase Equilibria	182	10.1016/j.fluid.2009.12.020
74	1994	Enzymatic pretreatment to enhance oil extraction from fruits and oilseeds: a review	Domínguez H.; Núñez M.J.; Lema J.M.	Food Chemistry	181	10.1016/0308-8146(94)90172-4
75	2016	Greenhouse Gases Emissions from Wastewater Treatment Plants: Minimization, Treatment, and Prevention	Campos J.L.; Valenzuela-Heredia D.; Pedrouso A.; Val Del Río A.; Belmonte M.; Mosquera-Corral A.	Journal of Chemistry	179	10.1155/2016/3796352
76	2002	Removal of cadmium and mercury ions from aqueous solution by sorption on treated Pinus pinaster bark: Kinetics and isotherms	Vázquez G.; González-Álvarez J.; Freire S.; López-Lorenzo M.; Antorrena G.	Bioresource Technology	178	10.1016/S0960-8524(01)00186-9
77	2007	Gasoline desulfurization using extraction with [C8mim][BF 4] ionic liquid	Alonso L.; Arce A.; Francisco M.; Rodríguez O.; Soto A.	AIChE Journal	177	10.1002/aic.11337
78	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	176	10.1021/es803284y
79	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	176	10.1016/j.scitotenv.2018.06.339
80	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	176	10.1016/j.jclepro.2013.07.011
81	2014	Carcass characteristics, meat quality and nutritional value of horsemeat: A review	Lorenzo J.M.; Sarriés M.V.; Tateo A.; Polidori P.; Franco D.; Lanza M.	Meat Science	172	10.1016/j.meatsci.2013.12.006

82	2004	Enrichment of Anammox biomass from municipal activated sludge: Experimental and modelling results	Dapena-Mora A.; Van Hulle S.W.H.; Campos J.L.; Méndez R.; Vanrolleghem P.A.; Jetten M.	Journal of Chemical Technology and Biotechnology	171	10.1002/jctb.1148
83	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	170	10.1039/c0cc05223j
84	2008	Environmental performance of wastewater treatment plants for small populations	Gallego A.; Hospido A.; Moreira M.T.; Feijoo G.	Resources, Conservation and Recycling	169	10.1016/j.resconrec.2008.02.001
85	2003	Simplified life cycle assessment of galician milk production	Hospido A.; Moreira M.T.; Feijoo G.	International Dairy Journal	169	10.1016/S0958-6946(03)00100-6
86	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	167	10.1016/j.scitotenv.2017.09.278
87	2008	Comparison of predicted and measured concentrations of selected pharmaceuticals, fragrances and hormones in Spanish sewage	Carballa M.; Omil F.; Lema J.M.	Chemosphere	164	10.1016/j.chemosphere.2008.04.034
88	2002	Nitrification in saline wastewater with high ammonia concentration in an activated sludge unit	Campos J.L.; Mosquera-Corral A.; Sánchez M.; Méndez R.; Lema J.M.	Water Research	162	10.1016/S0043-1354(01)00467-5
89	2013	Review of combined approaches and multi-criteria analysis for corporate environmental evaluation	Herva M.; Roca E.	Journal of Cleaner Production	160	10.1016/j.jclepro.2012.07.058
90	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.; Coutinho J.A.P.	Chemistry - A European Journal	160	10.1002/chem.201101780
91	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.; Schlüter O.K.; Taoukis P.; Xanthakis E.; Van Impe J.F.M.	Current Research in Food Science	159	10.1016/j.crfs.2020.05.003
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	158	10.1016/j.chemosphere.2005.11.075
93	2009	Treatment of an 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 A.; Mosquera-Corral A.; Campos J.L.; Méndez R.	Journal of Hazardous Materials	158	10.1016/j.jhazmat.2008.11.055
94	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.; Agregán R.; Muneke P.E.S.; Franco D.; Carballo J.; Şahin S.; Lacomba R.; Barba F.J.	Marine Drugs	157	10.3390/md15110360
95	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	157	10.1016/j.jclepro.2013.08.026

96	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	157	10.1016/j.jclepro.2008.08.013
97	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
98	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	155	10.1016/j.scitotenv.2008.10.062
99	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	155	10.1016/j.desal.2007.01.111
100	2010	Diclofenac oxidation by biogenic manganese oxides	Forrez I.; Carballa M.; Verbeken K.; Vanhaecke L.; Michael Schlüsener M.S.; Ternes T.; Boon N.; Verstraete W.	Environmental Science and Technology	155	10.1021/es9027327
101	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.; Martínez-Lamas L.; Vasallo F.J.; Regueiro B.; Lema J.M.	Science of the Total Environment	153	10.1016/j.scitotenv.2021.145268
102	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	153	10.1016/j.foodchem.2021.131231
103	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	152	10.1016/j.watres.2009.02.007
104	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.; González-Rodríguez R.M.; Sánchez M.; Amado I.R.; Franco D.	Food Research International	151	10.1016/j.foodres.2013.07.064
105	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	151	10.1016/j.scitotenv.2011.02.013
106	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	149	10.1016/j.watres.2016.06.025
107	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	149	10.1016/j.jct.2008.01.025
108	2014	Optimisation of antioxidant extraction from Solanum tuberosum potato peel waste by surface response methodology	Amado I.R.; Franco D.; Sánchez M.; Zapata C.; Vázquez J.A.	Food Chemistry	149	10.1016/j.foodchem.2014.05.103
109	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	149	10.1016/j.jbiotec.2010.02.015
110	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	148	10.1021/jf103461k

111	2016	Status of hormones and painkillers in wastewater effluents across several European states—considerations for the EU watch list concerning estradiols and diclofenac	Schröder P.; Helmreich B.; Škrbić 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	148	10.1007/s11356-016-6503-x
112	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	146	10.1007/s11274-010-0642-x
113	2003	Anaerobic filter reactor performance for the treatment of complex dairy wastewater at industrial scale	Omil F.; Garrido J.M.; Arrojo B.; Méndez R.	Water Research	146	10.1016/S0043-1354(03)00346-4
114	2011	Review of corporate environmental indicators	Herva M.; Franco A.; Carrasco E.F.; Roca E.	Journal of Cleaner Production	145	10.1016/j.jclepro.2011.05.019
115	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	145	10.1002/(SICI)1097-0290(19980320)57:6<676::AID-BIT5>3.0.CO;2-I
116	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	143	10.1016/j.watres.2013.09.004
117	2010	Brønsted ionic liquids for sustainable processes: Synthesis and physical properties	Álvarez V.H.; Dosil N.; Gonzalez-Cabaleiro R.; Mattedi S.; Martin-Pastor M.; Iglesias M.; Navaza J.M.	Journal of Chemical and Engineering Data	143	10.1021/je900550v
118	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	142	10.1016/j.chemosphere.2006.10.004
119	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.; Garcia Sakai V.; Edler K.J.	Journal of Physical Chemistry B	141	10.1021/acs.jpcc.7b05454
120	2003	Rheology of aqueous solutions of food additives: Effect of concentration, temperature and blending	Gómez-Díaz D.; Navaza J.M.	Journal of Food Engineering	141	10.1016/S0260-8774(02)00211-X
121	2005	Life cycle environmental impacts of Spanish tuna fisheries	Hospido A.; Tyedmers P.	Fisheries Research	141	10.1016/j.fishres.2005.05.016
122	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	141	10.1016/j.seppur.2005.01.013
123	1995	Anaerobic treatment of saline wastewaters under high sulphide and ammonia content	Omil F.; Méndez R.; Lema J.M.	Bioresource Technology	140	10.1016/0960-8524(95)00143-3
124	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	140	10.1016/j.watres.2010.03.004
125	1999	Anaerobic hydrolysis and acidogenesis of wastewaters from food industries with high content of organic solids and protein	Guerrero L.; Omil F.; Méndez R.; Lema J.M.	Water Research	139	10.1016/S0043-1354(99)00041-X
126	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	139	10.1016/j.jfoodeng.2008.03.011

127	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	138	10.1016/j.biotechadv.2020.107567
128	2009	Evaluation of potential applications for chestnut (<i>Castanea sativa</i>) shell and eucalyptus (<i>Eucalyptus globulus</i>) bark extracts	Vázquez G.; González-Alvarez J.; Santos J.; Freire M.S.; Antorrena G.	Industrial Crops and Products	137	10.1016/j.indcrop.2008.07.004
129	2004	Environmental performance of a municipal wastewater treatment plant	Hospido A.; Moreira Ma.T.; Fernández-Couto M.; Feijoo G.	International Journal of Life Cycle Assessment	137	10.1007/BF02978602
130	2013	Hazardous organic chemicals in rubber recycled tire playgrounds and pavers	Llompert M.; Sanchez-Prado L.; Pablo Lamas J.; García-Jares C.; Roca E.; Dagnac T.	Chemosphere	136	10.1016/j.chemosphere.2012.07.053
131	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	136	10.1021/je800248w
132	2009	Chestnut shell as heavy metal adsorbent: Optimization study of lead, copper and zinc cations removal	Vázquez G.; Calvo M.; Sonia Freire M.; González-Alvarez J.; Antorrena G.	Journal of Hazardous Materials	136	10.1016/j.jhazmat.2009.08.006
133	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	136	10.1007/s10570-011-9631-y
134	2014	Extractive and oxidative-extractive desulfurization of fuels with ionic liquids	Rodríguez-Cabo B.; Rodríguez H.; Rodil E.; Arce A.; Soto A.	Fuel	135	10.1016/j.fuel.2013.10.012
135	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	135	10.1007/s11367-010-0154-9
136	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	134	10.1016/S0032-9592(96)00015-5
137	1994	Adsorption of heavy metal ions by chemically modified <i>Pinus pinaster</i> bark	Vázquez G.; Antorrena G.; González J.; Doval M.D.	Bioresource Technology	133	10.1016/0960-8524(94)90154-6
138	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	133	10.1016/j.watres.2007.02.049
139	2006	Mass transfer during continuous solid-liquid extraction of antioxidants from grape byproducts	Pinelo M.; Sineiro J.; Núñez M.J.	Journal of Food Engineering	133	10.1016/j.jfoodeng.2005.06.021
140	2021	Novel strategy for developing healthy meat products replacing saturated fat with oleogels	López-Pedrouso M.; Lorenzo J.M.; Gullón B.; Campagnol P.C.B.; Franco D.	Current Opinion in Food Science	132	10.1016/j.cofs.2020.06.003
141	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	129	10.1016/j.scitotenv.2015.10.010
142	2011	Removal of persistent pharmaceutical micropollutants from sewage by addition of PAC in a sequential membrane bioreactor	Serrano D.; Suárez S.; Lema J.M.; Omil F.	Water Research	128	10.1016/j.watres.2011.07.037
143	1997	Effect of chemical modification of lignin on the gluebond performance of lignin-phenolic resins	Vázquez G.; González J.; Freire S.; Antorrena G.	Bioresource Technology	127	10.1016/S0960-8524(97)00030-8
144	2010	Microbial community distribution and activity dynamics of granular biomass in a CANON reactor	Vázquez-Padín J.; Mosquera-Corral A.; Campos J.L.; Méndez R.; Revsbech N.P.	Water Research	125	10.1016/j.watres.2010.05.041

145	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	125	10.1016/j.biortech.2015.08.076
146	2012	Water adsorption isotherms of carboxymethyl cellulose, guar, locust bean, tragacanth and xanthan gums	Torres M.D.; Moreira R.; Chenlo F.; Vázquez M.J.	Carbohydrate Polymers	124	10.1016/j.carbpol.2012.03.055
147	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	122	10.2166/wst.2002.0368
148	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	122	10.4067/S0718-95162010000100010
149	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	121	10.1016/j.renene.2014.03.005
150	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	121	10.1039/b807222a
151	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.; Méndez R.	Bioresource Technology	120	10.1016/j.biortech.2007.02.007
152	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	120	10.1023/A:1022640715229
153	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	119	10.1065/lca2005.05.206
154	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	119	10.1016/j.jenvman.2011.12.009
155	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	119	10.1007/s10953-006-8939-y
156	2000	Evaluation of different fungal strains in the decolourisation of synthetic dyes	Moreira M.T.; Mielgo I.; Feijoo G.; Lema J.M.	Biotechnology Letters	117	10.1023/A:1005606330152
157	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	117	10.1016/j.scitotenv.2016.05.110
158	2018	Critical aggregation concentration for the formation of early Amyloid- β (1-42) oligomers	Novo M.; Freire S.; Al-Soufi W.	Scientific Reports	117	10.1038/s41598-018-19961-3
159	2014	Influence of muscle type on the evolution of free amino acids and sarcoplasmic and myofibrillar	Bermúdez R.; Franco D.; Carballo J.; Sentandreu M.T.; Lorenzo J.M.	Food Research International	116	10.1016/j.foodres.2013.12.023

		proteins through the manufacturing process of Celta dry-cured ham				
160	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	115	10.1016/j.fluid.2008.06.012
161	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	115	10.1016/j.meatsci.2020.108311
162	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	114	10.1016/0260-8774(91)90052-T
163	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	114	10.1021/acs.langmuir.5b02596
164	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	114	10.1016/j.jfoodeng.2007.11.012
165	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	113	10.1016/j.ifset.2022.102974
166	1997	Surface tension of organic acids + water binary mixtures from 20°C to 50°C	Álvarez E.; Vázquez G.; Sánchez-Vilas M.; Sanjurjo B.; Navaza J.M.	Journal of Chemical and Engineering Data	112	10.1021/je970025m
167	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	111	10.2166/wst.2006.241
168	2006	Granulation in high-load denitrifying upflow sludge bed (USB) pulsed reactors	Franco A.; Roca E.; Lema J.M.	Water Research	111	10.1016/j.watres.2005.11.044
169	2017	The prospective use of biochar as adsorption matrix – A review from a lifecycle perspective	Moreira M.T.; Noya I.; Feijoo G.	Bioresource Technology	111	10.1016/j.biortech.2017.08.041
170	2008	Treatment of saline wastewater in SBR aerobic granular reactors	Figueroa M.; Mosquera-Corral A.; Campos J.L.; Méndez R.	Water Science and Technology	110	10.2166/wst.2008.406
171	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	110	10.1007/s10532-011-9494-9
172	2016	Fungal pretreatment of agricultural residues for bioethanol production	García-Torreiro M.; López-Abelairas M.; Lu-Chau T.A.; Lema J.M.	Industrial Crops and Products	110	10.1016/j.indcrop.2016.05.036
173	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	110	10.1016/j.resconrec.2010.01.011
174	2011	Density, speed of sound, viscosity, refractive index, and excess volume of N -methyl-2-pyrrolidone + ethanol (or water or ethanalamine) from T = (293.15 to 323.15) K	García-Abuán A.; Gómez-Dáaz D.; La Rubia M.D.; Navaza J.M.	Journal of Chemical and Engineering Data	110	10.1021/je100967k

175	2010	Monitoring the stability of an Anammox reactor under high salinity conditions	Dapena-Mora A.; Vázquez-Padín J.R.; Campos J.L.; Mosquera-Corral A.; Jetten M.S.M.; Méndez R.	Biochemical Engineering Journal	109	10.1016/j.bej.2010.06.014
176	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	109	10.1065/lca2007.03.314
177	2013	Linking thermodynamics and kinetics to assess pathway reversibility in anaerobic bioprocesses	González-Cabaleiro R.; Lema J.M.; Rodríguez J.; Kleerebezem R.	Energy and Environmental Science	109	10.1039/c3ee42754d
178	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	109	10.1007/s11356-011-0444-1
179	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	109	10.1039/c7cp00459a
180	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	109	10.1016/j.biortech.2011.03.018
181	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	109	10.1016/j.watres.2010.11.031
182	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.; López-Pedrouso M.; Barba F.J.; Lorenzo J.M.; Domínguez H.; Franco D.	Food Research International	108	10.1016/j.foodres.2018.06.053
183	2012	Pharmaceutically active ionic liquids with solids handling, enhanced thermal stability, and fast release	Bica K.; Rodríguez H.; Gurau G.; Andreea Cojocaru O.; Riisager A.; Fehrmann R.; Rogers R.D.	Chemical Communications	108	10.1039/c2cc30959a
184	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	Agregán R.; Munekata P.E.; Domínguez R.; Carballo J.; Franco D.; Lorenzo J.M.	Food Research International	108	10.1016/j.foodres.2016.11.009
185	2012	Impact of temperature on raw wastewater composition and activated sludge filterability in full-scale MBR systems for municipal sewage treatment	Krzeminski P.; Iglesias-Obelleiro A.; Madebo G.; Garrido J.M.; van der Graaf J.H.J.M.; van Lier J.B.	Journal of Membrane Science	108	10.1016/j.memsci.2012.08.032
186	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	108	10.1016/j.scitotenv.2010.07.078
187	2013	Ranking municipal solid waste treatment alternatives based on ecological footprint and multi-criteria analysis	Herva M.; Roca E.	Ecological Indicators	108	10.1016/j.ecolind.2012.09.005
188	2011	Autotrophic nitrogen removal at low temperature	Vázquez-Padín J.R.; Fernández I.; Morales N.; Campos J.L.; Mosquera-Corral A.; Méndez R.	Water Science and Technology	108	10.2166/wst.2011.370
189	2011	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase	Eibes G.; Debernardi G.; Feijoo G.; Moreira M.T.; Lema J.M.	Biodegradation	107	10.1007/s10532-010-9426-0

190	2012	Life cycle assessment of two alternative bioenergy systems involving <i>Salix</i> spp. biomass: Bioethanol production and power generation	González-García S.; Iribarren D.; Susmozas A.; Dufour J.; Murphy R.J.	Applied Energy	107	10.1016/j.apenergy.2012.02.022
191	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.; Bermúdez R.; Domínguez R.; Guiotto A.; Franco D.; Purriños L.	Food Control	107	10.1016/j.foodcont.2014.10.019
192	2015	Integration of the Anammox process to the rejection water and main stream lines of WWTPs	Morales N.; Val del Río Á.; Vázquez-Padín J.R.; Méndez R.; Mosquera-Corral A.; Campos J.L.	Chemosphere	106	10.1016/j.chemosphere.2015.03.058
193	2006	Effects of mechanical stress on Anammox granules in a sequencing batch reactor (SBR)	Arrojo B.; Mosquera-Corral A.; Campos J.L.; Méndez R.	Journal of Biotechnology	106	10.1016/j.jbiotec.2005.12.023
194	2017	Phenolic compounds from three brown seaweed species using LC-DAD-ESI-MS/MS	Agregán R.; Munekata P.E.S.; Franco D.; Dominguez R.; Carballo J.; Lorenzo J.M.	Food Research International	105	10.1016/j.foodres.2017.03.043
195	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	105	10.1021/ie303238h
196	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.; Rodríguez H.; Seddon K.R.; Soto A.	Green Chemistry	105	10.1039/b814189d
197	2005	Anaerobic treatment of azo dye Acid Orange 7 under fed-batch and continuous conditions	Méndez-Paz D.; Omil F.; Lema J.M.	Water Research	105	10.1016/j.watres.2004.11.022
198	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	105	10.1016/j.resconrec.2005.10.003
199	2020	Evaluation of linseed oil oleogels to partially replace pork backfat in fermented sausages	Franco D.; Martins A.J.; López-Pedrouso M.; Cerqueira M.A.; Purriños L.; Pastrana L.M.; Vicente A.A.; Zapata C.; Lorenzo J.M.	Journal of the Science of Food and Agriculture	104	10.1002/jsfa.10025
200	2011	Struvite crystallization versus amorphous magnesium and calcium phosphate precipitation during the treatment of a saline industrial wastewater	Crutchik D.; Garrido J.M.	Water Science and Technology	104	10.2166/wst.2011.836