

Maria T Moreira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

299
papers

10,906
citations

58
h-index

83
g-index

308
ext. papers

12,468
ext. citations

7.2
avg, IF

6.59
L-index

#	Paper	IF	Citations
299	Bundling the removal of emerging contaminants with the production of ligninolytic enzymes from residual streams.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 106, 1299	5.7	2
298	A xestiñ da auga nos fogares ùnha condiñ sine qua non da cidade sustentábel do futuro. <i>Revista Internacional De Comunicaciñ Y Desarrollo (RICD)</i> , 2022 , 4, 120-131	1.7	
297	Benchmarking tertiary water treatments for the removal of micropollutants and pathogens based on operational and sustainability criteria. <i>Journal of Water Process Engineering</i> , 2022 , 46, 102587	6.7	2
296	Waste biorefinery towards a sustainable biotechnological production of pediocin: Synergy between process simulation and environmental assessment. <i>Environmental Technology and Innovation</i> , 2022 , 26, 102306	7	1
295	Techno-economic risk assessment, life cycle analysis and life cycle costing for poly(butylene succinate) and poly(lactic acid) production using renewable resources. <i>Science of the Total Environment</i> , 2022 , 806, 150594	10.2	6
294	Achieving Sustainability of the Seafood Sector in the European Atlantic Area by Addressing Eco-Social Challenges: The NEPTUNUS Project. <i>Sustainability</i> , 2022 , 14, 3054	3.6	0
293	Environmental comparison of banana waste valorisation strategies under a biorefinery approach.. <i>Waste Management</i> , 2022 , 142, 77-87	8.6	1
292	Modelling and Environmental Profile Associated with the Valorization of Wheat Straw as Carbon Source in the Biotechnological Production of Manganese Peroxidase. <i>Sustainability</i> , 2022 , 14, 4842	3.6	0
291	Co-benefits of the EAT-Lancet diet for environmental protection in the framework of the Spanish dietary pattern.. <i>Science of the Total Environment</i> , 2022 , 155683	10.2	0
290	Introducing lupin in autochthonous wheat rotation systems in Galicia (NW Spain): An environmental and economic assessment.. <i>Science of the Total Environment</i> , 2022 , 156016	10.2	0
289	How decentralized treatment can contribute to the symbiosis between environmental protection and resource recovery. <i>Science of the Total Environment</i> , 2021 , 812, 151485	10.2	5
288	Environmental footprint of critical agro-export products in the Peruvian hyper-arid coast: A case study for green asparagus and avocado. <i>Science of the Total Environment</i> , 2021 , 151686	10.2	0
287	Environmental assessment of the production of itaconic acid from wheat straw under a biorefinery approach. <i>Bioresource Technology</i> , 2021 , 345, 126481	11	2
286	Exploiting the Potential of Supported Magnetic Nanomaterials as Fenton-Like Catalysts for Environmental Applications. <i>Nanomaterials</i> , 2021 , 11,	5.4	5
285	Driving commitment to sustainable food policies within the framework of American and European dietary guidelines. <i>Science of the Total Environment</i> , 2021 , 807, 150894	10.2	4
284	Evaluating the environmental profiles of winter wheat rotation systems under different management strategies. <i>Science of the Total Environment</i> , 2021 , 770, 145270	10.2	4
283	Environmental assessment of menus for toddlers serviced at nursery canteen following the Atlantic diet recommendations. <i>Science of the Total Environment</i> , 2021 , 770, 145342	10.2	2

282	Environmental consequences of wheat-based crop rotation in potato farming systems in galicia, Spain. <i>Journal of Environmental Management</i> , 2021 , 287, 112351	7.9	1
281	Evaluation of Starch as an Environmental-Friendly Bioresource for the Development of Wood Bioadhesives. <i>Molecules</i> , 2021 , 26,	4.8	6
280	Could the economic crisis explain the reduction in the carbon footprint of food? Evidence from Spain in the last decade. <i>Science of the Total Environment</i> , 2021 , 755, 142680	10.2	5
279	Evaluating the carbon footprint of a Spanish city through environmentally extended input output analysis and comparison with life cycle assessment. <i>Science of the Total Environment</i> , 2021 , 762, 143133	10.2	6
278	Life cycle assessment of fish and seafood processed products - A review of methodologies and new challenges. <i>Science of the Total Environment</i> , 2021 , 761, 144094	10.2	18
277	Benchmarking environmental and economic indicators of sludge management alternatives aimed at enhanced energy efficiency and nutrient recovery. <i>Journal of Environmental Management</i> , 2021 , 279, 111594	7.9	7
276	Inventory review and environmental evaluation of first- and second-generation sugars through life cycle assessment. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 27345-27361	5.1	8
275	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies. <i>International Journal of Life Cycle Assessment</i> , 2021 , 26, 244-274	4.6	15
274	Reusable FeO/SBA15 Nanocomposite as an Efficient Photo-Fenton Catalyst for the Removal of Sulfamethoxazole and Orange II. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
273	Environmental benefits of soy-based bio-adhesives as an alternative to formaldehyde-based options. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 29781-29794	5.1	8
272	Recent developments in bio-based adhesives from renewable natural resources. <i>Journal of Cleaner Production</i> , 2021 , 314, 127892	10.3	13
271	Identifying the sustainability route of asparagus co-product extraction: From waste to bioactive compounds. <i>Food and Bioproducts Processing</i> , 2021 , 129, 176-189	4.9	0
270	Multi-product strategy to enhance the environmental profile of the canning industry towards circular economy. <i>Science of the Total Environment</i> , 2021 , 791, 148249	10.2	3
269	Process and environmental simulation in the validation of the biotechnological production of nisin from waste. <i>Biochemical Engineering Journal</i> , 2021 , 174, 108105	4.2	3
268	What is the best scale for implementing anaerobic digestion according to environmental and economic indicators?. <i>Journal of Water Process Engineering</i> , 2020 , 35, 101235	6.7	7
267	Revisi3n sobre las caracter3sticas metodol3gicas y la eficacia de intervenciones orientadas a reducir el consumo de agua. <i>Universitas Psychologica</i> , 2020 , 18, 1-15	0.5	
266	Unraveling the environmental impacts of bioactive compounds and organic amendment from grape marc. <i>Journal of Environmental Management</i> , 2020 , 272, 111066	7.9	5
265	Cradle-to-gate Life Cycle Assessment of bio-adhesives for the wood panel industry. A comparison with petrochemical alternatives. <i>Science of the Total Environment</i> , 2020 , 738, 140357	10.2	26

264	Unravelling the environmental and economic impacts of innovative technologies for the enhancement of biogas production and sludge management in wastewater systems. <i>Journal of Environmental Management</i> , 2020 , 270, 110965	7.9	10
263	Addressing challenges and opportunities of the European seafood sector under a circular economy framework. <i>Current Opinion in Environmental Science and Health</i> , 2020 , 13, 101-106	8.1	28
262	Life cycle assessment of autochthonous varieties of wheat and artisanal bread production in Galicia, Spain. <i>Science of the Total Environment</i> , 2020 , 713, 136720	10.2	7
261	Fenton and Photo-Fenton Nanocatalysts Revisited from the Perspective of Life Cycle Assessment. <i>Catalysts</i> , 2020 , 10, 23	4	12
260	Tracking the environmental footprints of institutional restaurant service in nursery schools. <i>Science of the Total Environment</i> , 2020 , 728, 138939	10.2	5
259	Environmental assessment of viticulture waste valorisation through composting as a biofertilisation strategy for cereal and fruit crops. <i>Environmental Pollution</i> , 2020 , 264, 114794	9.3	18
258	Technoeconomic analysis, life cycle assessment and economic analysis of wastewater and sludge treatment systems 2020 , 85-114		
257	Production of flavonol quercetin and fructooligosaccharides from onion (<i>Allium cepa</i> L.) waste: An environmental life cycle approach. <i>Chemical Engineering Journal</i> , 2020 , 392, 123772	14.7	16
256	Altered Clostridia response in extractive ABE fermentation with solvents of different nature. <i>Biochemical Engineering Journal</i> , 2020 , 154, 107455	4.2	4
255	Enhanced Photocatalytic Activity of Semiconductor Nanocomposites Doped with Ag Nanoclusters Under UV and Visible Light. <i>Catalysts</i> , 2020 , 10, 31	4	6
254	Assessing the sustainability dimension at local scale: Case study of Spanish cities. <i>Ecological Indicators</i> , 2020 , 117, 106687	5.8	14
253	Iron oxide-mediated photo-Fenton catalysis in the inactivation of enteric bacteria present in wastewater effluents at neutral pH. <i>Environmental Pollution</i> , 2020 , 266, 115181	9.3	9
252	Fostering environmental awareness towards responsible food consumption and reduced food waste in chemical engineering students. <i>Education for Chemical Engineers</i> , 2020 , 33, 27-35	2.4	7
251	Evaluating the Portuguese diet in the pursuit of a lower carbon and healthier consumption pattern. <i>Climatic Change</i> , 2020 , 162, 2397-2409	4.5	3
250	Green approaches for the extraction of antioxidants from eucalyptus leaves. <i>Industrial Crops and Products</i> , 2019 , 138, 111473	5.9	21
249	Environmental implications of biohydrogen based energy production from steam reforming of alcoholic waste. <i>Industrial Crops and Products</i> , 2019 , 138, 111465	5.9	7
248	Linking environmental sustainability and nutritional quality of the Atlantic diet recommendations and real consumption habits in Galicia (NW Spain). <i>Science of the Total Environment</i> , 2019 , 683, 71-79	10.2	19
247	Integrated evaluation of wine lees valorization to produce value-added products. <i>Waste Management</i> , 2019 , 95, 70-77	8.6	14

246	Regionalizing eco-toxicity characterization factors for copper soil emissions considering edaphic information for Northern Spain and Portuguese vineyards. <i>Science of the Total Environment</i> , 2019 , 686, 986-994	10.2	3
245	Insight into antibiotics removal: Exploring the photocatalytic performance of a FeO/ZnO nanocomposite in a novel magnetic sequential batch reactor. <i>Journal of Environmental Management</i> , 2019 , 237, 595-608	7.9	33
244	Towards an environmentally sustainable and healthy Atlantic dietary pattern: Life cycle carbon footprint and nutritional quality. <i>Science of the Total Environment</i> , 2019 , 646, 704-715	10.2	35
243	Cross-country comparison on environmental impacts of particleboard production in Brazil and Spain. <i>Resources, Conservation and Recycling</i> , 2019 , 150, 104434	11.9	6
242	Transitioning towards the bio-economy: Assessing the social dimension through a stakeholder lens. <i>Corporate Social Responsibility and Environmental Management</i> , 2019 , 26, 1135-1153	7	34
241	Assessing the environmental sustainability of glucose from wheat as a fermentation feedstock. <i>Journal of Environmental Management</i> , 2019 , 247, 323-332	7.9	12
240	Oxidation of Flame Retardant Tetrabromobisphenol A by a Biocatalytic Nanofiber of Chloroperoxidase. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
239	Water Footprint of a Decentralised Wastewater Treatment Strategy Based on Membrane Technology. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2019 , 85-119	0.9	5
238	Integrating uncertainties to the combined environmental and economic assessment of algal biorefineries: A Monte Carlo approach. <i>Science of the Total Environment</i> , 2018 , 626, 762-775	10.2	27
237	Environmental and sustainability evaluation of livestock waste management practices in Cyprus. <i>Science of the Total Environment</i> , 2018 , 634, 127-140	10.2	14
236	Yerba mate waste: A sustainable resource of antioxidant compounds. <i>Industrial Crops and Products</i> , 2018 , 113, 398-405	5.9	34
235	Assessing the sustainability of Spanish cities considering environmental and socio-economic indicators. <i>Journal of Cleaner Production</i> , 2018 , 178, 599-610	10.3	46
234	Development of a Superparamagnetic Laccase Nanobiocatalyst for the Enzymatic Biotransformation of Xenobiotics. <i>Journal of Environmental Engineering, ASCE</i> , 2018 , 144, 04018007	2	6
233	Integrating Urban Metabolism, Material Flow Analysis and Life Cycle Assessment in the environmental evaluation of Santiago de Compostela. <i>Sustainable Cities and Society</i> , 2018 , 40, 569-580	10.1	26
232	Hydrothermal treatment of chestnut shells (<i>Castanea sativa</i>) to produce oligosaccharides and antioxidant compounds. <i>Carbohydrate Polymers</i> , 2018 , 192, 75-83	10.3	48
231	Sequential reactors for the removal of endocrine disrupting chemicals by laccase immobilized onto fumed silica microparticles. <i>Biocatalysis and Biotransformation</i> , 2018 , 36, 254-264	2.5	13
230	Enzymatic reactors for the removal of recalcitrant compounds in wastewater. <i>Biocatalysis and Biotransformation</i> , 2018 , 36, 195-215	2.5	11
229	Environmental assessment of biorefinery processes for the valorization of lignocellulosic wastes into oligosaccharides. <i>Journal of Cleaner Production</i> , 2018 , 172, 4066-4073	10.3	37

228	Dynamic environmental efficiency assessment for wastewater treatment plants. <i>International Journal of Life Cycle Assessment</i> , 2018 , 23, 357-367	4.6	34
227	Environmental impacts of the cultivation-phase associated with agricultural crops for feed production. <i>Journal of Cleaner Production</i> , 2018 , 172, 3721-3733	10.3	33
226	Polymerization of coniferyl alcohol by Mn -mediated (enzymatic) oxidation: Effects of H ₂ O concentration, aqueous organic solvents, and pH. <i>Biotechnology Progress</i> , 2018 , 34, 81-90	2.8	2
225	Bottom-up approach in the assessment of environmental impacts and costs of an innovative anammox-based process for nitrogen removal. <i>Journal of Environmental Management</i> , 2018 , 225, 112-119	7.9	8
224	Comparative environmental assessment of alternative waste management strategies in developing regions: A case study in Kazakhstan. <i>Waste Management and Research</i> , 2018 , 36, 689-697	4	18
223	Comparative evaluation of lignocellulosic biorefinery scenarios under a life-cycle assessment approach. <i>Biofuels, Bioproducts and Biorefining</i> , 2018 , 12, 1047-1064	5.3	20
222	Carbon footprint and nutritional quality of different human dietary choices. <i>Science of the Total Environment</i> , 2018 , 644, 77-94	10.2	87
221	Fresh milk supply through vending machines: Consumption patterns and associated environmental impacts. <i>Sustainable Production and Consumption</i> , 2018 , 15, 119-130	8.2	14
220	Assessing water footprint in a wine appellation: A case study for Ribeiro in Galicia, Spain. <i>Journal of Cleaner Production</i> , 2018 , 172, 2097-2107	10.3	20
219	Simultaneous valorization and detoxification of the hemicellulose rich liquor from the organosolv fractionation. <i>International Biodeterioration and Biodegradation</i> , 2018 , 126, 112-118	4.8	5
218	Environmental and water sustainability of milk production in Northeast Spain. <i>Science of the Total Environment</i> , 2018 , 616-617, 1317-1329	10.2	21
217	Gamestorming for the Conceptual Design of Products and Processes in the context of engineering education. <i>Education for Chemical Engineers</i> , 2018 , 22, 44-52	2.4	10
216	Lessons learned from the treatment of organosolv pulp with ligninolytic enzymes and chemical delignification agents. <i>Cellulose</i> , 2018 , 25, 763-776	5.5	3
215	Organosolv pretreated beech wood as a substrate for acetone butanol ethanol extractive fermentation. <i>Holzforschung</i> , 2018 , 73, 55-64	2	0
214	Environmental sustainability assessment of HMF and FDCA production from lignocellulosic biomass through life cycle assessment (LCA). <i>Holzforschung</i> , 2018 , 73, 105-115	2	15
213	A novel enzyme catalysis reactor based on superparamagnetic nanoparticles for biotechnological applications. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 5950-5960	6.8	5
212	Scale-up and economic analysis of the production of ligninolytic enzymes from a side-stream of the organosolv process. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 3125-3134	3.5	7
211	Environmental assessment of alternative treatment schemes for energy and nutrient recovery from livestock manure. <i>Waste Management</i> , 2018 , 77, 276-286	8.6	13

210	Eco-efficiency assessment of farm-scaled biogas plants. <i>Bioresource Technology</i> , 2017 , 237, 146-155	11	54
209	Environmental assessment of the entire pork value chain in Catalonia - A strategy to work towards Circular Economy. <i>Science of the Total Environment</i> , 2017 , 589, 122-129	10.2	40
208	The environmental effect of substituting energy crops for food waste as feedstock for biogas production. <i>Energy</i> , 2017 , 137, 1130-1143	7.9	60
207	Antioxidant and antimicrobial activities of extracts obtained from the refining of autohydrolysis liquors of vine shoots. <i>Industrial Crops and Products</i> , 2017 , 107, 105-113	5.9	43
206	Decentralised schemes for integrated management of wastewater and domestic organic waste: the case of a small community. <i>Journal of Environmental Management</i> , 2017 , 203, 732-740	7.9	12
205	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles. <i>Journal of Cleaner Production</i> , 2017 , 143, 528-538	10.3	34
204	Life Cycle Assessment of pig production: A case study in Galicia. <i>Journal of Cleaner Production</i> , 2017 , 142, 4327-4338	10.3	32
203	Diffuse methane emissions abatement by organic and inorganic packed biofilters: Assessment of operational and environmental indicators. <i>Journal of Cleaner Production</i> , 2017 , 143, 1191-1202	10.3	14
202	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons. <i>Applied Energy</i> , 2017 , 205, 1151-1164	10.7	48
201	Optimization of solvent extraction of antioxidants from Eucalyptus globulus leaves by response surface methodology: Characterization and assessment of their bioactive properties. <i>Industrial Crops and Products</i> , 2017 , 108, 649-659	5.9	49
200	The prospective use of biochar as adsorption matrix - A review from a lifecycle perspective. <i>Bioresource Technology</i> , 2017 , 246, 135-141	11	72
199	Comprehensive investigation of the enzymatic oligomerization of esculin by laccase in ethanol : water mixtures. <i>RSC Advances</i> , 2017 , 7, 38424-38433	3.7	11
198	Life cycle assessment of Galactosidase enzyme production. <i>Journal of Cleaner Production</i> , 2017 , 165, 204-212	10.3	6
197	Rutin: A review on extraction, identification and purification methods, biological activities and approaches to enhance its bioavailability. <i>Trends in Food Science and Technology</i> , 2017 , 67, 220-235	15.3	241
196	Technical and environmental evaluation of an integrated scheme for the co-treatment of wastewater and domestic organic waste in small communities. <i>Water Research</i> , 2017 , 109, 173-185	12.5	15
195	Rice fertilised with urban sewage sludge and possible mitigation strategies: an environmental assessment. <i>Journal of Cleaner Production</i> , 2017 , 140, 914-923	10.3	15
194	Life cycle assessment of in situ mariculture in the Mediterranean Sea for the production of bioactive compounds from the sponge <i>Sarcotragus spinosulus</i> . <i>Journal of Cleaner Production</i> , 2017 , 142, 4356-4368	10.3	12
193	Implementation of linear programming and life cycle approach in an Excel application to determine ecoefficiency. <i>Computer Aided Chemical Engineering</i> , 2017 , 40, 2731-2736	0.6	1

192	Formulation of Laccase Nanobiocatalysts Based on Ionic and Covalent Interactions for the Enhanced Oxidation of Phenolic Compounds. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 851	2.6	13
191	Benchmarking wastewater treatment plants under an eco-efficiency perspective. <i>Science of the Total Environment</i> , 2016 , 566-567, 468-479	10.2	74
190	Fostering the action of versatile peroxidase as a highly efficient biocatalyst for the removal of endocrine disrupting compounds. <i>New Biotechnology</i> , 2016 , 33, 187-95	6.4	23
189	Review of solid state fermentation for lignocellulolytic enzyme production: challenges for environmental applications. <i>Reviews in Environmental Science and Biotechnology</i> , 2016 , 15, 31-46	13.9	23
188	Opportunities and challenges of implementing life cycle assessment in seafood certification: a case study for Spain. <i>International Journal of Life Cycle Assessment</i> , 2016 , 21, 451-464	4.6	14
187	Environmental performance of biomass refining into high-added value compounds. <i>Journal of Cleaner Production</i> , 2016 , 120, 170-180	10.3	36
186	Carbon and water footprint of pork supply chain in Catalonia: From feed to final products. <i>Journal of Environmental Management</i> , 2016 , 171, 133-143	7.9	28
185	Beyond the conventional life cycle inventory in wastewater treatment plants. <i>Science of the Total Environment</i> , 2016 , 553, 71-82	10.2	66
184	Recyclable cross-linked laccase aggregates coupled to magnetic silica microbeads for elimination of pharmaceuticals from municipal wastewater. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 8929-39	5.1	39
183	Ranking wastewater treatment trains based on their impacts and benefits on human health: a Biological Assay and Disease Approach. <i>Journal of Cleaner Production</i> , 2016 , 113, 311-317	10.3	17
182	Assessing the use of nanoimmobilized laccases to remove micropollutants from wastewater. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 3217-28	5.1	41
181	Environmental life cycle optimization of essential terpene oils produced by the macroalga <i>Ochtodes secundiramea</i> . <i>Science of the Total Environment</i> , 2016 , 542, 292-305	10.2	12
180	Environmental performance of sorghum, barley and oat silage production for livestock feed using life cycle assessment. <i>Resources, Conservation and Recycling</i> , 2016 , 111, 28-41	11.9	20
179	Environmental sustainability of bark valorisation into biofoam and syngas. <i>Journal of Cleaner Production</i> , 2016 , 125, 33-43	10.3	20
178	Membrane reactors for bioethanol production and processing 2015 , 313-343		1
177	Continuous removal of nonylphenol by versatile peroxidase in a two-stage membrane bioreactor. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 175, 3038-47	3.2	15
176	Potentiality of a ceramic membrane reactor for the laccase-catalyzed removal of bisphenol A from secondary effluents. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 9299-308	5.7	27
175	Accounting for time-dependent changes in GHG emissions in the Ribeiro appellation (NW Spain): Are land use changes an important driver?. <i>Environmental Science and Policy</i> , 2015 , 51, 215-227	6.2	14

174	Life cycle assessment of gasoline production and use in Chile. <i>Science of the Total Environment</i> , 2015 , 505, 833-43	10.2	15
173	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production. <i>Waste Management</i> , 2015 , 41, 50-9	8.6	34
172	Comparative life cycle assessment of three representative feed cereals production in the Po Valley (Italy). <i>Journal of Cleaner Production</i> , 2015 , 99, 250-265	10.3	50
171	Cross-vessel eco-efficiency analysis. A case study for purse seining fishing from North Portugal targeting European pilchard. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 1019-1032	4.6	17
170	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 8815-29	5.7	41
169	Coupling extraction and enzyme catalysis for the removal of anthracene present in polluted soils. <i>Biochemical Engineering Journal</i> , 2015 , 93, 289-293	4.2	9
168	Assessment of morphological changes of <i>Clostridium acetobutylicum</i> by flow cytometry during acetone/butanol/ethanol extractive fermentation. <i>Biotechnology Letters</i> , 2015 , 37, 577-84	3	18
167	Selection of odour removal technologies in wastewater treatment plants: a guideline based on Life Cycle Assessment. <i>Journal of Environmental Management</i> , 2015 , 149, 77-84	7.9	52
166	Eco-efficiency analysis of Spanish WWTPs using the LCA + DEA method. <i>Water Research</i> , 2015 , 68, 651-662.5	146	
165	Continuous removal of endocrine disruptors by versatile peroxidase using a two-stage system. <i>Biotechnology Progress</i> , 2015 , 31, 908-16	2.8	24
164	Edible protein energy return on investment ratio (ep-EROI) for Spanish seafood products. <i>Ambio</i> , 2014 , 43, 381-94	6.5	23
163	Comparative environmental assessment of valorization strategies of the invasive macroalgae <i>Sargassum muticum</i> . <i>Bioresource Technology</i> , 2014 , 161, 137-48	11	44
162	Divergences on the environmental impact associated to the production of maritime pine wood in Europe: French and Portuguese case studies. <i>Science of the Total Environment</i> , 2014 , 472, 324-37	10.2	19
161	Life cycle assessment of the production of bioactive compounds from <i>Tetraselmis suecica</i> at pilot scale. <i>Journal of Cleaner Production</i> , 2014 , 64, 323-331	10.3	43
160	Modeling the leachate flow and aggregated emissions from municipal waste landfills under life cycle thinking in the Oceanic region of the Iberian Peninsula. <i>Journal of Cleaner Production</i> , 2014 , 67, 98-106	10.3	19
159	Environmental solutions for the sustainable production of bioactive natural products from the marine sponge <i>Crambe crambe</i> . <i>Science of the Total Environment</i> , 2014 , 475, 71-82	10.2	13
158	PPCPs in wastewater Update and calculation of characterization factors for their inclusion in LCA studies. <i>Journal of Cleaner Production</i> , 2014 , 83, 245-255	10.3	46
157	Life Cycle Assessment of broiler chicken production: a Portuguese case study. <i>Journal of Cleaner Production</i> , 2014 , 74, 125-134	10.3	68

156	Life Cycle Assessment of electricity production in Italy from anaerobic co-digestion of pig slurry and energy crops. <i>Renewable Energy</i> , 2014 , 68, 625-635	8.1	92
155	Vegetable oils as NAPLs in two phase partitioning bioreactors for the degradation of anthracene by laccase. <i>Chemical Engineering Journal</i> , 2014 , 240, 281-289	14.7	17
154	Cradle-to-gate Life Cycle Assessment of forest operations in Europe: environmental and energy profiles. <i>Journal of Cleaner Production</i> , 2014 , 66, 188-198	10.3	37
153	Life cycle assessment of European pilchard (<i>Sardina pilchardus</i>) consumption. A case study for Galicia (NW Spain). <i>Science of the Total Environment</i> , 2014 , 475, 48-60	10.2	32
152	Environmental evaluation of eicosapentaenoic acid production by <i>Phaeodactylum tricornutum</i> . <i>Science of the Total Environment</i> , 2014 , 466-467, 991-1002	10.2	17
151	Solvent screening methodology for in situ ABE extractive fermentation. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 5915-24	5.7	28
150	Life cycle assessment of nutrient removal technologies for the treatment of anaerobic digestion supernatant and its integration in a wastewater treatment plant. <i>Science of the Total Environment</i> , 2014 , 490, 871-9	10.2	53
149	Comparative life cycle assessment in the wine sector: biodynamic vs. conventional viticulture activities in NW Spain. <i>Journal of Cleaner Production</i> , 2014 , 65, 330-341	10.3	111
148	Enzymatic Reactors Applied for the Biotransformation of Endocrine Disrupting Chemicals 2014 , 229-260		3
147	Eco-Designing the Use Phase of Products in Sustainable Manufacturing. <i>Journal of Industrial Ecology</i> , 2014 , 18, 545-557	7.2	27
146	Comparing environmental impacts of different forest management scenarios for maritime pine biomass production in France. <i>Journal of Cleaner Production</i> , 2014 , 64, 356-367	10.3	30
145	Life cycle assessment of the production of the red antioxidant carotenoid astaxanthin by microalgae: from lab to pilot scale. <i>Journal of Cleaner Production</i> , 2014 , 64, 332-344	10.3	123
144	Assuring the sustainable production of biogas from anaerobic mono-digestion. <i>Journal of Cleaner Production</i> , 2014 , 72, 23-34	10.3	49
143	Sustainable production of biologically active molecules of marine based origin. <i>New Biotechnology</i> , 2013 , 30, 839-50	6.4	74
142	Carbon footprint analysis of goose barnacle (<i>Pollicipes pollicipes</i>) collection on the Galician coast (NW Spain). <i>Fisheries Research</i> , 2013 , 143, 191-200	2.3	8
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