

Maria T Moreira

List of Publications by Citations

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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	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
298	Environmental and economic profile of six typologies of wastewater treatment plants. <i>Water Research</i> , 2011 , 45, 5997-6010	12.5	210
297	Understanding the factors controlling the removal of trace organic contaminants by white-rot fungi and their lignin modifying enzymes: a critical review. <i>Bioresource Technology</i> , 2013 , 141, 97-108	11	203
296	Laccase-catalyzed degradation of anti-inflammatories and estrogens. <i>Biochemical Engineering Journal</i> , 2010 , 51, 124-131	4.2	164
295	Environmental Evaluation of Different Treatment Processes for Sludge from Urban Wastewater Treatments: Anaerobic Digestion versus Thermal Processes (10 pp). <i>International Journal of Life Cycle Assessment</i> , 2005 , 10, 336-345	4.6	155
294	Joint life cycle assessment and data envelopment analysis of grape production for vinification in the RBs Baixas appellation (NW Spain). <i>Journal of Cleaner Production</i> , 2012 , 27, 92-102	10.3	152
293	Eco-efficiency analysis of Spanish WWTPs using the LCA + DEA method. <i>Water Research</i> , 2015 , 68, 651-662.5	146	
292	Simplified life cycle assessment of galician milk production. <i>International Dairy Journal</i> , 2003 , 13, 783-796.5	143	
291	Enzymatic degradation of anthracene, dibenzothiophene and pyrene by manganese peroxidase in media containing acetone. <i>Chemosphere</i> , 2006 , 64, 408-14	8.4	139
290	Benchmarking environmental and operational parameters through eco-efficiency criteria for dairy farms. <i>Science of the Total Environment</i> , 2011 , 409, 1786-98	10.2	131
289	The link between operational efficiency and environmental impacts. A joint application of Life Cycle Assessment and Data Envelopment Analysis. <i>Science of the Total Environment</i> , 2009 , 407, 1744-54	10.2	124
288	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
287	Environmental performance of wastewater treatment plants for small populations. <i>Resources, Conservation and Recycling</i> , 2008 , 52, 931-940	11.9	117
286	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
285	Degradation of selected pharmaceutical and personal care products (PPCPs) by white-rot fungi. <i>World Journal of Microbiology and Biotechnology</i> , 2011 , 27, 1839-1846	4.4	108
284	Environmental assessment of anaerobically digested sludge reuse in agriculture: potential impacts of emerging micropollutants. <i>Water Research</i> , 2010 , 44, 3225-33	12.5	107
283	Life Cycle Inventory of Particleboard: A Case Study in the Wood Sector (8 pp). <i>International Journal of Life Cycle Assessment</i> , 2006 , 11, 106-113	4.6	99

282	Combined cross-linked enzyme aggregates from versatile peroxidase and glucose oxidase: production, partial characterization and application for the elimination of endocrine disruptors. <i>Bioresource Technology</i> , 2011 , 102, 6593-9	11	98
281	Further potentials in the joint implementation of life cycle assessment and data envelopment analysis. <i>Science of the Total Environment</i> , 2010 , 408, 5265-72	10.2	95
280	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
279	Environmental performance of a municipal wastewater treatment plant. <i>International Journal of Life Cycle Assessment</i> , 2004 , 9, 261	4.6	89
278	Carbon footprint and nutritional quality of different human dietary choices. <i>Science of the Total Environment</i> , 2018 , 644, 77-94	10.2	87
277	Biotransformation of three pharmaceutical active compounds by the fungus <i>Phanerochaete chrysosporium</i> in a fed batch stirred reactor under air and oxygen supply. <i>Biodegradation</i> , 2012 , 23, 145-156	4.1	85
276	A packed-bed fungal bioreactor for the continuous decolourisation of azo-dyes (Orange II). <i>Journal of Biotechnology</i> , 2001 , 89, 99-106	3.7	83
275	Comparative environmental performance of lignocellulosic ethanol from different feedstocks. <i>Renewable and Sustainable Energy Reviews</i> , 2010 , 14, 2077-2085	16.2	82
274	Environmental analysis of Ribeiro wine from a timeline perspective: harvest year matters when reporting environmental impacts. <i>Journal of Environmental Management</i> , 2012 , 98, 73-83	7.9	81
273	Immobilisation of laccase on Eupergit supports and its application for the removal of endocrine disrupting chemicals in a packed-bed reactor. <i>Biodegradation</i> , 2012 , 23, 373-86	4.1	81
272	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase. <i>Biodegradation</i> , 2011 , 22, 539-50	4.1	81
271	Oxidative degradation of azo dyes by manganese peroxidase under optimized conditions. <i>Biotechnology Progress</i> , 2003 , 19, 325-31	2.8	81
270	Enzymatic membrane reactors for biodegradation of recalcitrant compounds. Application to dye decolourisation. <i>Journal of Biotechnology</i> , 2002 , 99, 249-57	3.7	81
269	Anaerobic degradation of hexachlorocyclohexane isomers in liquid and soil slurry systems. <i>Chemosphere</i> , 2005 , 61, 528-36	8.4	80
268	Removal of estrogenic compounds from filtered secondary wastewater effluent in a continuous enzymatic membrane reactor. Identification of biotransformation products. <i>Environmental Science & Technology</i> , 2013 , 47, 4536-43	10.3	79
267	Environmental assessment of canned tuna manufacture with a life-cycle perspective. <i>Resources, Conservation and Recycling</i> , 2006 , 47, 56-72	11.9	79
266	Life cycle assessment of raw materials for non-wood pulp mills: Hemp and flax. <i>Resources, Conservation and Recycling</i> , 2010 , 54, 923-930	11.9	78
265	Environmental impacts of forest production and supply of pulpwood: Spanish and Swedish case studies. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 340-353	4.6	75

264	Benchmarking wastewater treatment plants under an eco-efficiency perspective. <i>Science of the Total Environment</i> , 2016 , 566-567, 468-479	10.2	74
263	Sustainable production of biologically active molecules of marine based origin. <i>New Biotechnology</i> , 2013 , 30, 839-50	6.4	74
262	In vitro degradation of a polymeric dye (Poly R-478) by manganese peroxidase. <i>Biotechnology and Bioengineering</i> , 2001 , 75, 362-8	4.9	74
261	Environmental performance assessment of hardboard manufacture. <i>International Journal of Life Cycle Assessment</i> , 2009 , 14, 456-466	4.6	73
260	The prospective use of biochar as adsorption matrix - A review from a lifecycle perspective. <i>Bioresource Technology</i> , 2017 , 246, 135-141	11	72
259	A comparison of municipal wastewater treatment plants for big centres of population in Galicia (Spain). <i>International Journal of Life Cycle Assessment</i> , 2008 , 13, 57-64	4.6	72
258	Evaluation of different fungal strains in the decolourisation of synthetic dyes. <i>Biotechnology Letters</i> , 2000 , 22, 1499-1503	3	72
257	Life cycle assessment of horse mackerel fisheries in Galicia (NW Spain): Comparative analysis of two major fishing methods. <i>Fisheries Research</i> , 2010 , 106, 517-527	2.3	71
256	Comparative life cycle assessment of ethanol production from fast-growing wood crops (black locust, eucalyptus and poplar). <i>Biomass and Bioenergy</i> , 2012 , 39, 378-388	5.3	70
255	Biobleaching of oxygen delignified kraft pulp by several white rot fungal strains. <i>Journal of Biotechnology</i> , 1997 , 53, 237-251	3.7	69
254	Life Cycle Assessment of broiler chicken production: a Portuguese case study. <i>Journal of Cleaner Production</i> , 2014 , 74, 125-134	10.3	68
253	Degradation of estrogens by laccase from <i>Myceliophthora thermophila</i> in fed-batch and enzymatic membrane reactors. <i>Journal of Hazardous Materials</i> , 2012 , 213-214, 175-83	12.8	67
252	Environmental profile of ethanol from poplar biomass as transport fuel in Southern Europe. <i>Renewable Energy</i> , 2010 , 35, 1014-1023	8.1	67
251	Beyond the conventional life cycle inventory in wastewater treatment plants. <i>Science of the Total Environment</i> , 2016 , 553, 71-82	10.2	66
250	Environmental impact efficiency in mussel cultivation. <i>Resources, Conservation and Recycling</i> , 2010 , 54, 1269-1277	11.9	65
249	Carbon footprint of canned mussels from a business-to-consumer approach. A starting point for mussel processors and policy makers. <i>Environmental Science and Policy</i> , 2010 , 13, 509-521	6.2	64
248	Dye decolorization by manganese peroxidase in an enzymatic membrane bioreactor. <i>Biotechnology Progress</i> , 2004 , 20, 74-81	2.8	64
247	Environmental assessment of green hardboard production coupled with a laccase activated system. <i>Journal of Cleaner Production</i> , 2011 , 19, 445-453	10.3	63

246	Life cycle assessment of wood wastes: A case study of ephemeral architecture. <i>Science of the Total Environment</i> , 2006 , 357, 1-11	10.2	62
245	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
244	Bioremediation of HCH present in soil by the white-rot fungus <i>Bjerkandera adusta</i> in a slurry batch bioreactor. <i>International Biodeterioration and Biodegradation</i> , 2007 , 60, 319-326	4.8	59
243	Biodegradation of polycyclic aromatic hydrocarbons in forest and salt marsh soils by white-rot fungi. <i>International Biodeterioration and Biodegradation</i> , 2006 , 58, 15-21	4.8	59
242	Environmental impact assessment of total chlorine free pulp from <i>Eucalyptus globulus</i> in Spain. <i>Journal of Cleaner Production</i> , 2009 , 17, 1010-1016	10.3	58
241	Life cycle inventory of medium density fibreboard. <i>International Journal of Life Cycle Assessment</i> , 2007 , 12, 143-150	4.6	58
240	Complete degradation of anthracene by Manganese Peroxidase in organic solvent mixtures. <i>Enzyme and Microbial Technology</i> , 2005 , 37, 365-372	3.8	58
239	Environmental Life Cycle Assessment of a Galician cheese: San Simon da Costa. <i>Journal of Cleaner Production</i> , 2013 , 52, 253-262	10.3	57
238	Estimation of the carbon footprint of the Galician fishing activity (NW Spain). <i>Science of the Total Environment</i> , 2010 , 408, 5284-94	10.2	56
237	Revisiting the Life Cycle Assessment of mussels from a sectorial perspective. <i>Journal of Cleaner Production</i> , 2010 , 18, 101-111	10.3	56
236	Biodegradation of a polymeric dye in a pulsed bed bioreactor by immobilised phanerochaete chrysosporium. <i>Water Research</i> , 2002 , 36, 1896-901	12.5	56
235	Life cycle assessment of flax shives derived second generation ethanol fueled automobiles in Spain. <i>Renewable and Sustainable Energy Reviews</i> , 2009 , 13, 1922-1933	16.2	55
234	Eco-efficiency assessment of farm-scaled biogas plants. <i>Bioresource Technology</i> , 2017 , 237, 146-155	11	54
233	A methodology to estimate greenhouse gases emissions in Life Cycle Inventories of wastewater treatment plants. <i>Environmental Impact Assessment Review</i> , 2012 , 37, 37-46	5.3	54
232	Biodegradation of dibenzothiophene, fluoranthene, pyrene and chrysene in a soil slurry reactor by the white-rot fungus <i>Bjerkandera</i> sp. BOS55. <i>Process Biochemistry</i> , 2007 , 42, 641-648	4.8	54
231	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
230	Life cycle assessment as a tool for the environmental improvement of the tannery industry in developing countries. <i>Environmental Science & Technology</i> , 2004 , 38, 1901-9	10.3	53
229	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

228	Life cycle assessment of hemp hurds use in second generation ethanol production. <i>Biomass and Bioenergy</i> , 2012 , 36, 268-279	5.3	52
227	Immobilization of laccase by encapsulation in a sol-gel matrix and its characterization and use for the removal of estrogens. <i>Biotechnology Progress</i> , 2011 , 27, 1570-9	2.8	52
226	Best practices in life cycle assessment implementation in fisheries. Improving and broadening environmental assessment for seafood production systems. <i>Trends in Food Science and Technology</i> , 2012 , 28, 116-131	15.3	51
225	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
224	Environmental Life Cycle Assessment of a Swedish Dissolving Pulp Mill Integrated Biorefinery. <i>Journal of Industrial Ecology</i> , 2011 , 15, 568-583	7.2	50
223	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
222	Assuring the sustainable production of biogas from anaerobic mono-digestion. <i>Journal of Cleaner Production</i> , 2014 , 72, 23-34	10.3	49
221	Development of regional characterization factors for aquatic eutrophication. <i>International Journal of Life Cycle Assessment</i> , 2010 , 15, 32-43	4.6	49
220	Life Cycle Assessment of fresh and canned mussel processing and consumption in Galicia (NW Spain). <i>Resources, Conservation and Recycling</i> , 2010 , 55, 106-117	11.9	49
219	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
218	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
217	On the use of a high-redox potential laccase as an alternative for the transformation of non-steroidal anti-inflammatory drugs (NSAIDs). <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 97, 233-242		47
216	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
215	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
214	Are all membrane reactors equal from an environmental point of view?. <i>Desalination</i> , 2012 , 285, 263-270	10.3	46
213	Environmental aspects of ethanol-based fuels from <i>Brassica carinata</i> : A case study of second generation ethanol. <i>Renewable and Sustainable Energy Reviews</i> , 2009 , 13, 2613-2620	16.2	46
212	Life Cycle Assessment of fresh hake fillets captured by the Galician fleet in the Northern Stock. <i>Fisheries Research</i> , 2011 , 110, 128-135	2.3	45
211	Comparative environmental assessment of valorization strategies of the invasive macroalgae <i>Sargassum muticum</i> . <i>Bioresource Technology</i> , 2014 , 161, 137-48	11	44

210	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
209	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
208	Operation of stirred tank reactors (STRs) and fixed-bed reactors (FBRs) with free and immobilized <i>Phanerochaete chrysosporium</i> for the continuous removal of pharmaceutical compounds. <i>Biochemical Engineering Journal</i> , 2012 , 66, 38-45	4.2	43
207	Combined application of LCA and eco-design for the sustainable production of wood boxes for wine bottles storage. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 224-237	4.6	43
206	Environmental performance of lignocellulosic bioethanol production from Alfalfa stems. <i>Biofuels, Bioproducts and Biorefining</i> , 2010 , 4, 118-131	5.3	43
205	Control of pellet morphology of filamentous fungi in fluidized bed bioreactors by means of a pulsing flow. Application to <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> . <i>Enzyme and Microbial Technology</i> , 1996 , 19, 261-6	3.8	43
204	Strategies for the continuous production of ligninolytic enzymes in fixed and fluidised bed bioreactors. <i>Journal of Biotechnology</i> , 1998 , 66, 27-39	3.7	42
203	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 8815-29	5.7	41
202	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
201	Computation of Operational and Environmental Benchmarks Within Selected Galician Fishing Fleets. <i>Journal of Industrial Ecology</i> , 2011 , 15, 776-795	7.2	41
200	Assessing the global warming potential of wooden products from the furniture sector to improve their ecodesign. <i>Science of the Total Environment</i> , 2011 , 410-411, 16-25	10.2	41
199	Implementing by-product management into the Life Cycle Assessment of the mussel sector. <i>Resources, Conservation and Recycling</i> , 2010 , 54, 1219-1230	11.9	41
198	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
197	Biodegradation of Pentachlorophenol in Soil Slurry Cultures by <i>Bjerkandera adusta</i> and <i>Anthracoxyllum discolor</i> . <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 6744-6751	3.9	40
196	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
195	Environmental assessment of frozen common octopus (<i>Octopus vulgaris</i>) captured by Spanish fishing vessels in the Mauritanian EEZ. <i>Marine Policy</i> , 2012 , 36, 180-188	3.5	38
194	Improving the catalytic performance of laccase using a novel continuous-flow microreactor. <i>Chemical Engineering Journal</i> , 2013 , 223, 497-506	14.7	38
193	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

192	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
191	Carbon footprint of a multi-ingredient seafood product from a business-to-business perspective. <i>Journal of Cleaner Production</i> , 2013 , 44, 200-210	10.3	37
190	Continuous operation of a fluidized bed reactor for the removal of estrogens by immobilized laccase on Eupergit supports. <i>Journal of Biotechnology</i> , 2012 , 162, 404-6	3.7	37
189	Environmental impact assessment of non-wood based pulp production by soda-anthraquinone pulping process. <i>Journal of Cleaner Production</i> , 2010 , 18, 137-145	10.3	37
188	Covalent immobilisation of manganese peroxidases (MnP) from <i>Phanerochaete chrysosporium</i> and <i>Bjerkandera</i> sp. BOS55. <i>Enzyme and Microbial Technology</i> , 2003 , 32, 769-775	3.8	37
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	Evaluation of forest operations in Spanish eucalypt plantations under a life cycle assessment perspective. <i>Scandinavian Journal of Forest Research</i> , 2009 , 24, 160-172	1.7	36
185	Effect of surfactants on the soil desorption of hexachlorocyclohexane (HCH) isomers and their anaerobic biodegradation. <i>Journal of Chemical Technology and Biotechnology</i> , 2005 , 80, 1005-1015	3.5	36
184	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
183	Eco-innovation of a wooden childhood furniture set: an example of environmental solutions in the wood sector. <i>Science of the Total Environment</i> , 2012 , 426, 318-26	10.2	35
182	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles. <i>Journal of Cleaner Production</i> , 2017 , 143, 528-538	10.3	34
181	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production. <i>Waste Management</i> , 2015 , 41, 50-9	8.6	34
180	Yerba mate waste: A sustainable resource of antioxidant compounds. <i>Industrial Crops and Products</i> , 2018 , 113, 398-405	5.9	34
179	Dynamic environmental efficiency assessment for wastewater treatment plants. <i>International Journal of Life Cycle Assessment</i> , 2018 , 23, 357-367	4.6	34
178	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
177	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
176	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
175	A comparison of municipal wastewater treatment plants for big centres of population in Galicia (Spain) 2008 , 13, 57		33

174	Life Cycle Assessment of pig production: A case study in Galicia. <i>Journal of Cleaner Production</i> , 2017 , 142, 4327-4338	10.3	32
173	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
172	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
171	Environmental assessment of black locust (<i>Robinia pseudoacacia</i> L.)-based ethanol as potential transport fuel. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 465-477	4.6	29
170	Comparative environmental assessment of wood transport models: a case study of a Swedish pulp mill. <i>Science of the Total Environment</i> , 2009 , 407, 3530-9	10.2	29
169	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
168	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
167	Solvent screening methodology for in situ ABE extractive fermentation. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 5915-24	5.7	28
166	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
165	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
164	Eco-Designing the Use Phase of Products in Sustainable Manufacturing. <i>Journal of Industrial Ecology</i> , 2014 , 18, 545-557	7.2	27
163	Environmental aspects of eucalyptus based ethanol production and use. <i>Science of the Total Environment</i> , 2012 , 438, 1-8	10.2	27
162	Operation of a two-phase partitioning bioreactor for the oxidation of anthracene by the enzyme manganese peroxidase. <i>Chemosphere</i> , 2007 , 66, 1744-51	8.4	27
161	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
160	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
159	Updating the carbon footprint of the Galician fishing activity (NW Spain). <i>Science of the Total Environment</i> , 2011 , 409, 1609-11	10.2	26
158	Fungal Bioreactors: Applications to White-Rot Fungi. <i>Reviews in Environmental Science and Biotechnology</i> , 2003 , 2, 247-259	13.9	26
157	Use of cheese whey as a substrate to produce manganese peroxidase by <i>Bjerkandera</i> sp. BOS55. <i>Journal of Industrial Microbiology and Biotechnology</i> , 1999 , 23, 86-90	4.2	26

156	The role of consumer purchase and post-purchase decision-making in sustainable seafood consumption. A Spanish case study using carbon footprinting. <i>Food Policy</i> , 2013 , 41, 94-102	5	25
155	Anaerobic microbial mobilization and biotransformation of arsenate adsorbed onto activated alumina. <i>Water Research</i> , 2005 , 39, 199-209	12.5	25
154	Continuous removal of endocrine disruptors by versatile peroxidase using a two-stage system. <i>Biotechnology Progress</i> , 2015 , 31, 908-16	2.8	24
153	Cradle-to-gate life cycle inventory and environmental performance of Douglas-fir roundwood production in Germany. <i>Journal of Cleaner Production</i> , 2013 , 54, 244-252	10.3	24
152	An anaerobic bioreactor allows the efficient degradation of HCH isomers in soil slurry. <i>Chemosphere</i> , 2006 , 63, 1005-13	8.4	24
151	Oxidation of lignin in eucalyptus kraft pulp by manganese peroxidase from <i>Bjerkandera</i> sp. strain BOS55. <i>Bioresource Technology</i> , 2001 , 78, 71-9	11	24
150	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
149	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
148	Edible protein energy return on investment ratio (ep-EROI) for Spanish seafood products. <i>Ambio</i> , 2014 , 43, 381-94	6.5	23
147	Surfactant-assisted two phase partitioning bioreactors for laccase-catalyzed degradation of anthracene. <i>Process Biochemistry</i> , 2012 , 47, 1115-1121	4.8	23
146	Continuous production of manganese peroxidase by <i>Phanerochaete chrysosporium</i> immobilized on polyurethane foam in a pulsed packed-bed bioreactor. <i>Biotechnology and Bioengineering</i> , 1997 , 56, 130-7	4.9	23
145	Facile reduction of arsenate in methanogenic sludge. <i>Biodegradation</i> , 2004 , 15, 185-96	4.1	23
144	Eco-innovation of a wooden based modular social playground: application of LCA and DfE methodologies. <i>Journal of Cleaner Production</i> , 2012 , 27, 21-31	10.3	22
143	Biodegradability of kraft mill TCF biobleaching effluents: application of enzymatic laccase-mediator system. <i>Water Research</i> , 2010 , 44, 2211-20	12.5	22
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