

Gumersindo Feijoo

List of Publications by Year in descending order

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312
papers

13,492
citations

15466

65
h-index

39575

94
g-index

319
all docs

319
docs citations

319
times ranked

11296
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening for ligninolytic fungi applicable to the biodegradation of xenobiotics. <i>Trends in Biotechnology</i> , 1993, 11, 44-49.	4.9	304
2	Environmental and economic profile of six typologies of wastewater treatment plants. <i>Water Research</i> , 2011, 45, 5997-6010.	5.3	255
3	Sodium inhibition in the anaerobic digestion process: Antagonism and adaptation phenomena. <i>Enzyme and Microbial Technology</i> , 1995, 17, 180-188.	1.6	221
4	Eco-efficiency analysis of Spanish WWTPs using the LCA+ADEA method. <i>Water Research</i> , 2015, 68, 651-666.	5.3	190
5	Laccase-catalyzed degradation of anti-inflammatories and estrogens. <i>Biochemical Engineering Journal</i> , 2010, 51, 124-131.	1.8	185
6	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.	2.2	183
7	Joint life cycle assessment and data envelopment analysis of grape production for vinification in the R�as Baixas appellation (NW Spain). <i>Journal of Cleaner Production</i> , 2012, 27, 92-102.	4.6	172
8	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.	4.6	169
9	Simplified life cycle assessment of galician milk production. <i>International Dairy Journal</i> , 2003, 13, 783-796.	1.5	167
10	Enzymatic degradation of anthracene, dibenzothiophene and pyrene by manganese peroxidase in media containing acetone. <i>Chemosphere</i> , 2006, 64, 408-414.	4.2	154
11	Benchmarking environmental and operational parameters through eco-efficiency criteria for dairy farms. <i>Science of the Total Environment</i> , 2011, 409, 1786-1798.	3.9	154
12	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.	4.6	144
13	The link between operational efficiency and environmental impacts. <i>Science of the Total Environment</i> , 2009, 407, 1744-1754.	3.9	143
14	Carbon footprint and nutritional quality of different human dietary choices. <i>Science of the Total Environment</i> , 2018, 644, 77-94.	3.9	140
15	Environmental performance of wastewater treatment plants for small populations. <i>Resources, Conservation and Recycling</i> , 2008, 52, 931-940.	5.3	138
16	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.	1.7	136
17	Environmental assessment of anaerobically digested sludge reuse in agriculture: Potential impacts of emerging micropollutants. <i>Water Research</i> , 2010, 44, 3225-3233.	5.3	121
18	Environmental performance of a municipal wastewater treatment plant. <i>International Journal of Life Cycle Assessment</i> , 2004, 9, 261.	2.2	116

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19	Life Cycle Inventory of Particleboard: A Case Study in the Wood Sector (8 pp). International Journal of Life Cycle Assessment, 2006, 11, 106-113.	2.2	114
20	Life Cycle Assessment of electricity production in Italy from anaerobic co-digestion of pig slurry and energy crops. Renewable Energy, 2014, 68, 625-635.	4.3	109
21	Combined cross-linked enzyme aggregates from versatile peroxidase and glucose oxidase: Production, partial characterization and application for the elimination of endocrine disruptors. Bioresource Technology, 2011, 102, 6593-6599.	4.8	106
22	Removal of Estrogenic Compounds from Filtered Secondary Wastewater Effluent in a Continuous Enzymatic Membrane Reactor. Identification of Biotransformation Products. Environmental Science & Technology, 2013, 47, 4536-4543.	4.6	105
23	Further potentials in the joint implementation of life cycle assessment and data envelopment analysis. Science of the Total Environment, 2010, 408, 5265-5272.	3.9	103
24	Biotransformation of three pharmaceutical active compounds by the fungus Phanerochaete chrysosporium in a fed batch stirred reactor under air and oxygen supply. Biodegradation, 2012, 23, 145-156.	1.5	103
25	Environmental assessment of canned tuna manufacture with a life-cycle perspective. Resources, Conservation and Recycling, 2006, 47, 56-72.	5.3	102
26	Environmental analysis of Ribeiro wine from a timeline perspective: Harvest year matters when reporting environmental impacts. Journal of Environmental Management, 2012, 98, 73-83.	3.8	100
27	The prospective use of biochar as adsorption matrix – A review from a lifecycle perspective. Bioresource Technology, 2017, 246, 135-141.	4.8	98
28	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase. Biodegradation, 2011, 22, 539-550.	1.5	97
29	Benchmarking wastewater treatment plants under an eco-efficiency perspective. Science of the Total Environment, 2016, 566-567, 468-479.	3.9	97
30	Life cycle assessment of raw materials for non-wood pulp mills: Hemp and flax. Resources, Conservation and Recycling, 2010, 54, 923-930.	5.3	96
31	A packed-bed fungal bioreactor for the continuous decolourisation of azo-dyes (Orange II). Journal of Biotechnology, 2001, 89, 99-106.	1.9	95
32	Life Cycle Assessment of broiler chicken production: a Portuguese case study. Journal of Cleaner Production, 2014, 74, 125-134.	4.6	93
33	Anaerobic degradation of hexachlorocyclohexane isomers in liquid and soil slurry systems. Chemosphere, 2005, 61, 528-536.	4.2	92
34	Sustainable production of biologically active molecules of marine based origin. New Biotechnology, 2013, 30, 839-850.	2.4	92
35	Life cycle assessment of horse mackerel fisheries in Galicia (NW Spain): Comparative analysis of two major fishing methods. Fisheries Research, 2010, 106, 517-527.	0.9	91
36	Enzymatic membrane reactors for biodegradation of recalcitrant compounds. Application to dye decolourisation. Journal of Biotechnology, 2002, 99, 249-257.	1.9	90

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37	Oxidative Degradation of Azo Dyes by Manganese Peroxidase under Optimized Conditions. <i>Biotechnology Progress</i> , 2003, 19, 325-331.	1.3	90
38	Comparative environmental performance of lignocellulosic ethanol from different feedstocks. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 2077-2085.	8.2	90
39	Evaluation of different fungal strains in the decolourisation of synthetic dyes. <i>Biotechnology Letters</i> , 2000, 22, 1499-1503.	1.1	89
40	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, 373-386.	1.5	89
41	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.	2.2	88
42	Beyond the conventional life cycle inventory in wastewater treatment plants. <i>Science of the Total Environment</i> , 2016, 553, 71-82.	3.9	85
43	Life cycle assessment of wood wastes: A case study of ephemeral architecture. <i>Science of the Total Environment</i> , 2006, 357, 1-11.	3.9	84
44	Environmental performance assessment of hardboard manufacture. <i>International Journal of Life Cycle Assessment</i> , 2009, 14, 456-466.	2.2	82
45	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.	2.2	81
46	Environmental assessment of green hardboard production coupled with a laccase activated system. <i>Journal of Cleaner Production</i> , 2011, 19, 445-453.	4.6	81
47	Comparative life cycle assessment of ethanol production from fast-growing wood crops (black) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2.9 80	2.9	80
48	In vitro degradation of a polymeric dye (Poly R-478) by manganese peroxidase. <i>Biotechnology and Bioengineering</i> , 2001, 75, 362-368.	1.7	79
49	Environmental profile of ethanol from poplar biomass as transport fuel in Southern Europe. <i>Renewable Energy</i> , 2010, 35, 1014-1023.	4.3	79
50	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons. <i>Applied Energy</i> , 2017, 205, 1151-1164.	5.1	79
51	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, 871-879.	3.9	78
52	Environmental impact assessment of total chlorine free pulp from Eucalyptus globulus in Spain. <i>Journal of Cleaner Production</i> , 2009, 17, 1010-1016.	4.6	77
53	Environmental impact efficiency in mussel cultivation. <i>Resources, Conservation and Recycling</i> , 2010, 54, 1269-1277.	5.3	77
54	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, 175-183.	6.5	77

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55	Environmental Life Cycle Assessment of a Galician cheese: San Simon da Costa. <i>Journal of Cleaner Production</i> , 2013, 52, 253-262.	4.6	77
56	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.	1.9	76
57	Assessing the sustainability of Spanish cities considering environmental and socio-economic indicators. <i>Journal of Cleaner Production</i> , 2018, 178, 599-610.	4.6	76
58	Dye Decolorization by Manganese Peroxidase in an Enzymatic Membrane Bioreactor. <i>Biotechnology Progress</i> , 2008, 20, 74-81.	1.3	74
59	Biobleaching of oxygen delignified kraft pulp by several white rot fungal strains. <i>Journal of Biotechnology</i> , 1997, 53, 237-251.	1.9	72
60	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.	2.4	72
61	Estimation of the carbon footprint of the Galician fishing activity (NW Spain). <i>Science of the Total Environment</i> , 2010, 408, 5284-5294.	3.9	71
62	Revisiting the Life Cycle Assessment of mussels from a sectorial perspective. <i>Journal of Cleaner Production</i> , 2010, 18, 101-111.	4.6	70
63	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.	1.9	69
64	Life cycle inventory of medium density fibreboard. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 143-150.	2.2	69
65	Multiple-objective evaluation of wastewater treatment plant control alternatives. <i>Journal of Environmental Management</i> , 2010, 91, 1193-1201.	3.8	67
66	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.	4.4	67
67	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.	5.3	66
68	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.	7.8	66
69	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.	3.8	65
70	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.	3.9	64
71	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.	1.8	63
72	Biodegradation of a polymeric dye in a pulsed bed bioreactor by immobilised <i>Phanerochaete chrysosporium</i> . <i>Water Research</i> , 2002, 36, 1896-1901.	5.3	61

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73	Complete degradation of anthracene by Manganese Peroxidase in organic solvent mixtures. <i>Enzyme and Microbial Technology</i> , 2005, 37, 365-372.	1.6	61
74	Life Cycle Assessment of fresh hake fillets captured by the Galician fleet in the Northern Stock. <i>Fisheries Research</i> , 2011, 110, 128-135.	0.9	61
75	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.	3.9	61
76	Life Cycle Assessment as a Tool for the Environmental Improvement of the Tannery Industry in Developing Countries. <i>Environmental Science & Technology</i> , 2004, 38, 1901-1909.	4.6	60
77	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.	1.8	60
78	Exploring the potential of antioxidants from fruits and vegetables and strategies for their recovery. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 77, 102974.	2.7	60
79	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.	8.2	59
80	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, 1570-1579.	1.3	59
81	Life cycle assessment of hemp hurds use in second generation ethanol production. <i>Biomass and Bioenergy</i> , 2012, 36, 268-279.	2.9	59
82	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.	3.9	58
83	Assuring the sustainable production of biogas from anaerobic mono-digestion. <i>Journal of Cleaner Production</i> , 2014, 72, 23-34.	4.6	57
84	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.	4.6	57
85	Strategies for the continuous production of ligninolytic enzymes in fixed and fluidised bed bioreactors. <i>Journal of Biotechnology</i> , 1998, 66, 27-39.	1.9	55
86	Environmental Life Cycle Assessment of a Swedish Dissolving Pulp Mill Integrated Biorefinery. <i>Journal of Industrial Ecology</i> , 2011, 15, 568-583.	2.8	55
87	Evaluation of biodiesel as bioremediation agent for the treatment of the shore affected by the heavy oil spill of the Prestige. <i>Journal of Hazardous Materials</i> , 2007, 147, 914-922.	6.5	54
88	Decolorization of ion-exchange effluents derived from sugar-mill operations by <i>Bjerkandera sp.</i> BOS55. <i>International Biodeterioration and Biodegradation</i> , 1997, 40, 125-129.	1.9	53
89	Development of regional characterization factors for aquatic eutrophication. <i>International Journal of Life Cycle Assessment</i> , 2010, 15, 32-43.	2.2	53
90	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.	4.6	53

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91	Embedding environmental, economic and social indicators in the evaluation of the sustainability of the municipalities of Galicia (northwest of Spain). <i>Journal of Cleaner Production</i> , 2019, 234, 27-42.	4.6	53
92	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.	3.9	52
93	Are all membrane reactors equal from an environmental point of view?. <i>Desalination</i> , 2012, 285, 263-270.	4.0	52
94	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.	1.8	52
95	Comparative environmental assessment of valorization strategies of the invasive macroalgae <i>Sargassum muticum</i> . <i>Bioresource Technology</i> , 2014, 161, 137-148.	4.8	52
96	Environmental performance of lignocellulosic bioethanol production from Alfalfa stems. <i>Biofuels, Bioproducts and Biorefining</i> , 2010, 4, 118-131.	1.9	51
97	Implementing by-product management into the Life Cycle Assessment of the mussel sector. <i>Resources, Conservation and Recycling</i> , 2010, 54, 1219-1230.	5.3	51
98	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.	2.2	51
99	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, 261-266.	1.6	49
100	Biodegradation of Pentachlorophenol in Soil Slurry Cultures by <i>Bjerkandera adusta</i> and <i>Anthraco-phylum discolor</i> . <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 6744-6751.	1.8	49
101	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.	8.2	47
102	Computation of Operational and Environmental Benchmarks Within Selected Galician Fishing Fleets. <i>Journal of Industrial Ecology</i> , 2011, 15, 776-795.	2.8	47
103	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8815-8829.	1.7	47
104	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles. <i>Journal of Cleaner Production</i> , 2017, 143, 528-538.	4.6	47
105	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.	1.5	46
106	Carbon footprint of a multi-ingredient seafood product from a business-to-business perspective. <i>Journal of Cleaner Production</i> , 2013, 44, 200-210.	4.6	45
107	Improving the catalytic performance of laccase using a novel continuous-flow microreactor. <i>Chemical Engineering Journal</i> , 2013, 223, 497-506.	6.6	45
108	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.	3.9	45

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109	Assessing the use of nanoimmobilized laccases to remove micropollutants from wastewater. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3217-3228.	2.7	45
110	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.	2.1	45
111	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production. <i>Waste Management</i> , 2015, 41, 50-59.	3.7	44
112	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.	1.6	43
113	Environmental impact assessment of non-wood based pulp production by soda-anthraquinone pulping process. <i>Journal of Cleaner Production</i> , 2010, 18, 137-145.	4.6	42
114	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, 404-406.	1.9	42
115	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, 318-326.	3.9	42
116	Environmental performance of biomass refining into high-added value compounds. <i>Journal of Cleaner Production</i> , 2016, 120, 170-180.	4.6	42
117	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.	0.5	41
118	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.	5.1	41
119	Dynamic environmental efficiency assessment for wastewater treatment plants. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 357-367.	2.2	41
120	BECCS based on bioethanol from wood residues: Potential towards a carbon-negative transport and side-effects. <i>Applied Energy</i> , 2020, 279, 115884.	5.1	41
121	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.	3.9	40
122	Role of Organic Acids in the Manganese-Independent Biobleaching System of <i>Bjerkandera</i> sp. Strain BOS55. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2409-2417.	1.4	38
123	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.	1.6	38
124	Life cycle inventory analysis of granite production from cradle to gate. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 153-165.	2.2	38
125	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.	3.9	36
126	Degradation of high molecular weight compounds of Kraft pulp mill effluents by a combined treatment with fungi and bacteria. <i>Biotechnology Letters</i> , 1995, 17, 1261-1266.	1.1	35

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127	Environmental aspects of eucalyptus based ethanol production and use. <i>Science of the Total Environment</i> , 2012, 438, 1-8.	3.9	35
128	Environmental assessment of viticulture waste valorisation through composting as a biofertilisation strategy for cereal and fruit crops. <i>Environmental Pollution</i> , 2020, 264, 114794.	3.7	35
129	Comparative evaluation of lignocellulosic biorefinery scenarios under a life cycle assessment approach. <i>Biofuels, Bioproducts and Biorefining</i> , 2018, 12, 1047-1064.	1.9	34
130	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.	2.2	34
131	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.	2.2	33
132	Eco-Designing the Use Phase of Products in Sustainable Manufacturing. <i>Journal of Industrial Ecology</i> , 2014, 18, 545-557.	2.8	33
133	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.	4.6	33
134	Anaerobic microbial mobilization and biotransformation of arsenate adsorbed onto activated alumina. <i>Water Research</i> , 2005, 39, 199-209.	5.3	32
135	Updating the carbon footprint of the Galician fishing activity (NW Spain). <i>Science of the Total Environment</i> , 2011, 409, 1609-1611.	3.9	32
136	Environmental assessment of dehydrated alfalfa production in Spain. <i>Resources, Conservation and Recycling</i> , 2011, 55, 1005-1012.	5.3	32
137	Potential environmental effects of probiotics used in aquaculture. <i>Aquaculture International</i> , 2012, 20, 779-789.	1.1	32
138	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.	2.8	32
139	Continuous removal of endocrine disruptors by versatile peroxidase using a two-stage system. <i>Biotechnology Progress</i> , 2015, 31, 908-916.	1.3	32
140	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.	5.3	32
141	Towards improving the sustainability of bioplastics: Process modelling and life cycle assessment of two separation routes for 2,5-furandicarboxylic acid. <i>Separation and Purification Technology</i> , 2020, 233, 116056.	3.9	32
142	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.	6.6	32
143	Fungal Bioreactors: Applications to White-Rot Fungi. <i>Reviews in Environmental Science and Biotechnology</i> , 2003, 2, 247-259.	3.9	30
144	Comparative environmental assessment of wood transport models. <i>Science of the Total Environment</i> , 2009, 407, 3530-3539.	3.9	30

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145	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.	4.6	30
146	Edible Protein Energy Return on Investment Ratio (ep-EROI) for Spanish Seafood Products. <i>Ambio</i> , 2014, 43, 381-394.	2.8	30
147	Production of lignin peroxidase by <i>Phanerochaete chrysosporium</i> in a packed bed bioreactor operated in semi-continuous mode. <i>Journal of Biotechnology</i> , 1995, 42, 247-253.	1.9	29
148	Continuous production of manganese peroxidase by <i>Phanerochaete chrysosporium</i> immobilized on polyurethane foam in a pulsed packed-bed bioreactor. , 1997, 56, 130-137.		29
149	An anaerobic bioreactor allows the efficient degradation of HCH isomers in soil slurry. <i>Chemosphere</i> , 2006, 63, 1005-1013.	4.2	29
150	Operation of a two-phase partitioning bioreactor for the oxidation of anthracene by the enzyme manganese peroxidase. <i>Chemosphere</i> , 2007, 66, 1744-1751.	4.2	29
151	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.	4.6	29
152	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, 9299-9308.	1.7	29
153	Life cycle inventory of medium density fibreboard. <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 143-150.	2.2	29
154	Use of cheese whey as a substrate to produce manganese peroxidase by <i>Bjerkandera sp BOS55</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 1999, 23, 86-90.	1.4	28
155	Fostering the action of versatile peroxidase as a highly efficient biocatalyst for the removal of endocrine disrupting compounds. <i>New Biotechnology</i> , 2016, 33, 187-195.	2.4	28
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