Maria T Moreira

List of Publications by Year
in descending order

301	14,159	13865 67	38395 95
papers	citations	h-index	g-index

308	308	308	12695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards industrial application of fungal pretreatment in 2G biorefinery: scale-up of solid-state fermentation of wheat straw. Biomass Conversion and Biorefinery, 2024, 14, 593-605.	4.6	5
2	Evaluation of the environmental sustainability of the inshore great scallop (Pecten maximus) fishery in Galicia. Journal of Industrial Ecology, 2022, 26, 1920-1933.	5.5	6
3	Techno-economic risk assessment, life cycle analysis and life cycle costing for poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Environment, 2022, 806, 150594.	8.0	29
4	Driving commitment to sustainable food policies within the framework of American and European dietary guidelines. Science of the Total Environment, 2022, 807, 150894.	8.0	14
5	How decentralized treatment can contribute to the symbiosis between environmental protection and resource recovery. Science of the Total Environment, 2022, 812, 151485.	8.0	22
6	Environmental footprint of critical agro-export products in the Peruvian hyper-arid coast: A case study for green asparagus and avocado. Science of the Total Environment, 2022, 818, 151686.	8.0	8
7	Tanninâ€based bioâ€adhesives for the wood panel industry as sustainable alternatives to petrochemical resins. Journal of Industrial Ecology, 2022, 26, 627-642.	5.5	25
8	Environmental assessment of the production of itaconic acid from wheat straw under a biorefinery approach. Bioresource Technology, 2022, 345, 126481.	9.6	13
9	Bundling the removal of emerging contaminants with the production of ligninolytic enzymes from residual streams. Applied Microbiology and Biotechnology, 2022, 106, 1299-1311.	3.6	7
10	A xestiÃ³n da auga nos fogares Ã© unha condiciÃ³n sine qua non da cidade sustentÃ¡bel do futuro. Revista Internacional De ComunicaciÃ³n Y Desarrollo (RICD), 2022, 4, 120-131.	0.3	0
11	Benchmarking tertiary water treatments for the removal of micropollutants and pathogens based on operational and sustainability criteria. Journal of Water Process Engineering, 2022, 46, 102587.	5.6	24
12	Waste biorefinery towards a sustainable biotechnological production of pediocin: Synergy between process simulation and environmental assessment. Environmental Technology and Innovation, 2022, 26, 102306.	6.1	3
13	Achieving Sustainability of the Seafood Sector in the European Atlantic Area by Addressing Eco-Social Challenges: The NEPTUNUS Project. Sustainability, 2022, 14, 3054.	3.2	12
14	Environmental comparison of banana waste valorisation strategies under a biorefinery approach. Waste Management, 2022, 142, 77-87.	7.4	22
15	Modelling and Environmental Profile Associated with the Valorization of Wheat Straw as Carbon Source in the Biotechnological Production of Manganese Peroxidase. Sustainability, 2022, 14, 4842.	3.2	1
16	Co-benefits of the EAT-Lancet diet for environmental protection in the framework of the Spanish dietary pattern. Science of the Total Environment, 2022, 836, 155683.	8.0	6
17	Introducing lupin in autochthonous wheat rotation systems in Galicia (NW Spain): An environmental and economic assessment. Science of the Total Environment, 2022, 838, 156016.	8.0	7
18	Growing Triticum aestivum Landraces in Rotation with Lupinus albus and Fallow Reduces Soil Depletion and Minimises the Use of Chemical Fertilisers. Agriculture (Switzerland), 2022, 12, 905.	3.1	4

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19	Determining the environmental and economic implications of lupin cultivation in wheat-based organic rotation systems in Galicia, Spain. Science of the Total Environment, 2022, 845, 157342.	8.0	5
20	Could the economic crisis explain the reduction in the carbon footprint of food? Evidence from Spain in the last decade. Science of the Total Environment, 2021, 755, 142680.	8.0	13
21	Evaluating the carbon footprint of a Spanish city through environmentally extended input output analysis and comparison with life cycle assessment. Science of the Total Environment, 2021, 762, 143133.	8.0	17
22	Life cycle assessment of fish and seafood processed products â€“ A review of methodologies and new challenges. Science of the Total Environment, 2021, 761, 144094.	8.0	58
23	Benchmarking environmental and economic indicators of sludge management alternatives aimed at enhanced energy efficiency and nutrient recovery. Journal of Environmental Management, 2021, 279, 111594.	7.8	17
24	Inventory review and environmental evaluation of first- and second-generation sugars through life cycle assessment. Environmental Science and Pollution Research, 2021, 28, 27345-27361.	5.3	18
25	Integrating life cycle assessment and life cycle cost: a review of environmental-economic studies. International Journal of Life Cycle Assessment, 2021, 26, 244-274.	4.7	47
26	Reusable Fe3O4/SBA15 Nanocomposite as an Efficient Photo-Fenton Catalyst for the Removal of Sulfamethoxazole and Orange II. Nanomaterials, 2021, 11, 533.	4.1	10
27	Environmental benefits of soy-based bio-adhesives as an alternative to formaldehyde-based options. Environmental Science and Pollution Research, 2021, 28, 29781-29794.	5.3	17
28	Evaluating the environmental profiles of winter wheat rotation systems under different management strategies. Science of the Total Environment, 2021, 770, 145270.	8.0	22
29	Environmental assessment of menus for toddlers serviced at nursery canteen following the Atlantic diet recommendations. Science of the Total Environment, 2021, 770, 145342.	8.0	7
30	Environmental consequences of wheat-based crop rotation in potato farming systems in galicia, Spain. Journal of Environmental Management, 2021, 287, 112351.	7.8	11
31	Evaluation of Starch as an Environmental-Friendly Bioresource for the Development of Wood Bioadhesives. Molecules, 2021, 26, 4526.	3.8	13
32	Recent developments in bio-based adhesives from renewable natural resources. Journal of Cleaner Production, 2021, 314, 127892.	9.3	52
33	Identifying the sustainability route of asparagus co-product extraction: From waste to bioactive compounds. Food and Bioproducts Processing, 2021, 129, 176-189.	3.6	5
34	Multi-product strategy to enhance the environmental profile of the canning industry towards circular economy. Science of the Total Environment, 2021, 791, 148249.	8.0	13
35	Process and environmental simulation in the validation of the biotechnological production of nisin from waste. Biochemical Engineering Journal, 2021, 174, 108105.	3.6	12
36	Exploiting the Potential of Supported Magnetic Nanomaterials as Fenton-Like Catalysts for Environmental Applications. Nanomaterials, 2021, 11, 2902.	4.1	10

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37	Technoeconomic analysis, life cycle assessment and economic analysis of wastewater and sludge treatment systems. , 2020, , 85-114.		0
38	Production of flavonol quercetin and fructooligosaccharides from onion (Allium cepa L.) waste: An environmental life cycle approach. Chemical Engineering Journal, 2020, 392, 123772.	12.7	32
39	Altered Clostridia response in extractive ABE fermentation with solvents of different nature. Biochemical Engineering Journal, 2020, 154, 107455.	3.6	9
40	Enhanced Photocatalytic Activity of Semiconductor Nanocomposites Doped with Ag Nanoclusters Under UV and Visible Light. Catalysts, 2020, 10, 31.	3.5	11
41	Assessing the sustainability dimension at local scale: Case study of Spanish cities. Ecological Indicators, 2020, 117, 106687.	6.3	28
42	Iron oxide-mediated photo-Fenton catalysis in the inactivation of enteric bacteria present in wastewater effluents at neutral pH. Environmental Pollution, 2020, 266, 115181.	7.5	15
43	Fostering environmental awareness towards responsible food consumption and reduced food waste in chemical engineering students. Education for Chemical Engineers, 2020, 33, 27-35.	4.8	19
44	Evaluating the Portuguese diet in the pursuit of a lower carbon and healthier consumption pattern. Climatic Change, 2020, 162, 2397-2409.	3.6	10
45	What is the best scale for implementing anaerobic digestion according to environmental and economic indicators?. Journal of Water Process Engineering, 2020, 35, 101235.	5.6	8
46	RevisiÃ³n sobre las caracterÃsticas metodolÃ³gicas y la eficacia de intervenciones orientadas a reducir el consumo de agua. Universitas Psychologica, 2020, 18, 1-15.	0.6	2
47	Unraveling the environmental impacts of bioactive compounds and organic amendment from grape marc. Journal of Environmental Management, 2020, 272, 111066.	7.8	12
48	Cradle-to-gate Life Cycle Assessment of bio-adhesives for the wood panel industry. A comparison with petrochemical alternatives. Science of the Total Environment, 2020, 738, 140357.	8.0	64
49	Unravelling the environmental and economic impacts of innovative technologies for the enhancement of biogas production and sludge management in wastewater systems. Journal of Environmental Management, 2020, 270, 110965.	7.8	14
50	Addressing challenges and opportunities of the European seafood sector under a circular economy framework. Current Opinion in Environmental Science and Health, 2020, 13, 101-106.	4.1	45
51	Life cycle assessment of autochthonous varieties of wheat and artisanal bread production in Galicia, Spain. Science of the Total Environment, 2020, 713, 136720.	8.0	17
52	Fenton and Photo-Fenton Nanocatalysts Revisited from the Perspective of Life Cycle Assessment. Catalysts, 2020, 10, 23.	3.5	20
53	Tracking the environmental footprints of institutional restaurant service in nursery schools. Science of the Total Environment, 2020, 728, 138939.	8.0	12
54	Environmental assessment of viticulture waste valorisation through composting as a biofertilisation strategy for cereal and fruit crops. Environmental Pollution, 2020, 264, 114794.	7.5	35

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55	Towards an environmentally sustainable and healthy Atlantic dietary pattern: Life cycle carbon footprint and nutritional quality. Science of the Total Environment, 2019, 646, 704-715.	8.0	61
56	Cross-country comparison on environmental impacts of particleboard production in Brazil and Spain. Resources, Conservation and Recycling, 2019, 150, 104434.	10.8	17
57	Transitioning towards the bioâ€economy: Assessing the social dimension through a stakeholder lens. Corporate Social Responsibility and Environmental Management, 2019, 26, 1135-1153.	8.7	48
58	Assessing the environmental sustainability of glucose from wheat as a fermentation feedstock. Journal of Environmental Management, 2019, 247, 323-332.	7.8	18
59	Green approaches for the extraction of antioxidants from eucalyptus leaves. Industrial Crops and Products, 2019, 138, 111473.	5.2	41
60	Environmental implications of biohydrogen based energy production from steam reforming of alcoholic waste. Industrial Crops and Products, 2019, 138, 111465.	5.2	16
61	Linking environmental sustainability and nutritional quality of the Atlantic diet recommendations and real consumption habits in Galicia (NW Spain). Science of the Total Environment, 2019, 683, 71-79.	8.0	36
62	Integrated evaluation of wine lees valorization to produce value-added products. Waste Management, 2019, 95, 70-77.	7.4	27
63	Regionalizing eco-toxicity characterization factors for copper soil emissions considering edaphic information for Northern Spain and Portuguese vineyards. Science of the Total Environment, 2019, 686, 986-994.	8.0	7
64	Insight into antibiotics removal: Exploring the photocatalytic performance of a Fe3O4/ZnO nanocomposite in a novel magnetic sequential batch reactor. Journal of Environmental Management, 2019, 237, 595-608.	7.8	49
65	Oxidation of Flame Retardant Tetrabromobisphenol A by a Biocatalytic Nanofiber of Chloroperoxidase. International Journal of Environmental Research and Public Health, 2019, 16, 4917.	2.6	8
66	Water Footprint of a Decentralised Wastewater Treatment Strategy Based on Membrane Technology. Environmental Footprints and Eco-design of Products and Processes, 2019, , 85-119.	1.1	6
67	Integrating uncertainties to the combined environmental and economic assessment of algal biorefineries: A Monte Carlo approach. Science of the Total Environment, 2018, 626, 762-775.	8.0	40
68	Environmental and sustainability evaluation of livestock waste management practices in Cyprus. Science of the Total Environment, 2018, 634, 127-140.	8.0	21
69	Yerba mate waste: A sustainable resource of antioxidant compounds. Industrial Crops and Products, 2018, 113, 398-405.	5.2	61
70	Assessing the sustainability of Spanish cities considering environmental and socio-economic indicators. Journal of Cleaner Production, 2018, 178, 599-610.	9.3	76
71	Development of a Superparamagnetic Laccase Nanobiocatalyst for the Enzymatic Biotransformation of Xenobiotics. Journal of Environmental Engineering, ASCE, 2018, 144, 04018007.	1.4	8
72	Integrating Urban Metabolism, Material Flow Analysis and Life Cycle Assessment in the environmental evaluation of Santiago de Compostela. Sustainable Cities and Society, 2018, 40, 569-580.	10.4	41

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73	Hydrothermal treatment of chestnut shells (Castanea sativa) to produce oligosaccharides and antioxidant compounds. Carbohydrate Polymers, 2018, 192, 75-83.	10.2	72
74	Sequential reactors for the removal of endocrine disrupting chemicals by laccase immobilized onto fumed silica microparticles. Biocatalysis and Biotransformation, 2018, 36, 254-264.	2.0	14
75	Enzymatic reactors for the removal of recalcitrant compounds in wastewater. Biocatalysis and Biotransformation, 2018, 36, 195-215.	2.0	15
76	Environmental assessment of biorefinery processes for the valorization of lignocellulosic wastes into oligosaccharides. Journal of Cleaner Production, 2018, 172, 4066-4073.	9.3	49
77	Dynamic environmental efficiency assessment for wastewater treatment plants. International Journal of Life Cycle Assessment, 2018, 23, 357-367.	4.7	41
78	Environmental impacts of the cultivation-phase associated with agricultural crops for feed production. Journal of Cleaner Production, 2018, 172, 3721-3733.	9.3	48
79	Polymerization of coniferyl alcohol by Mn³⁺â€mediated (enzymatic) oxidation: Effects of H₂O₂ concentration, aqueous organic solvents, and pH. Biotechnology Progress, 2018, 34, 81-90.	2.6	3
80	Assessing water footprint in a wine appellation: A case study for Ribeiro in Galicia, Spain. Journal of Cleaner Production, 2018, 172, 2097-2107.	9.3	23
81	Simultaneous valorization and detoxification of the hemicellulose rich liquor from the organosolv fractionation. International Biodeterioration and Biodegradation, 2018, 126, 112-118.	3.9	7
82	Environmental and water sustainability of milk production in Northeast Spain. Science of the Total Environment, 2018, 616-617, 1317-1329.	8.0	28
83	Gamestorming for the Conceptual Design of Products and Processes in the context of engineering education. Education for Chemical Engineers, 2018, 22, 44-52.	4.8	16
84	Lessons learned from the treatment of organosolv pulp with ligninolytic enzymes and chemical delignification agents. Cellulose, 2018, 25, 763-776.	4.9	4
85	Organosolv pretreated beech wood as a substrate for acetone butanol ethanol extractive fermentation. Holzforschung, 2018, 73, 55-64.	1.9	1
86	Environmental sustainability assessment of HMF and FDCA production from lignocellulosic biomass through life cycle assessment (LCA). Holzforschung, 2018, 73, 105-115.	1.9	27
87	A novel enzyme catalysis reactor based on superparamagnetic nanoparticles for biotechnological applications. Journal of Environmental Chemical Engineering, 2018, 6, 5950-5960.	6.7	6
88	Scaleâ€up and economic analysis of the production of ligninolytic enzymes from a sideâ€stream of the organosolv process. Journal of Chemical Technology and Biotechnology, 2018, 93, 3125-3134.	3.2	11
89	Environmental assessment of alternative treatment schemes for energy and nutrient recovery from livestock manure. Waste Management, 2018, 77, 276-286.	7.4	26
90	Bottom-up approach in the assessment of environmental impacts and costs of an innovative anammox-based process for nitrogen removal. Journal of Environmental Management, 2018, 225, 112-119.	7.8	13

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91	Comparative environmental assessment of alternative waste management strategies in developing regions: A case study in Kazakhstan. Waste Management and Research, 2018, 36, 689-697.	3.9	22
92	Comparative evaluation of lignocellulosic biorefinery scenarios under a lifeâ€cycle assessment approach. Biofuels, Bioproducts and Biorefining, 2018, 12, 1047-1064.	3.7	34
93	Carbon footprint and nutritional quality of different human dietary choices. Science of the Total Environment, 2018, 644, 77-94.	8.0	140
94	Fresh milk supply through vending machines: Consumption patterns and associated environmental impacts. Sustainable Production and Consumption, 2018, 15, 119-130.	11.0	23
95	Eco-efficiency assessment of farm-scaled biogas plants. Bioresource Technology, 2017, 237, 146-155.	9.6	67
96	Environmental assessment of the entire pork value chain in Catalonia â€“ A strategy to work towards Circular Economy. Science of the Total Environment, 2017, 589, 122-129.	8.0	53
97	The environmental effect of substituting energy crops for food waste as feedstock for biogas production. Energy, 2017, 137, 1130-1143.	8.8	82
98	Antioxidant and antimicrobial activities of extracts obtained from the refining of autohydrolysis liquors of vine shoots. Industrial Crops and Products, 2017, 107, 105-113.	5.2	61
99	Decentralised schemes for integrated management of wastewater and domestic organic waste: the case of a small community. Journal of Environmental Management, 2017, 203, 732-740.	7.8	17
100	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles. Journal of Cleaner Production, 2017, 143, 528-538.	9.3	47
101	Life Cycle Assessment of pig production: A case study in Galicia. Journal of Cleaner Production, 2017, 142, 4327-4338.	9.3	45
102	Diffuse methane emissions abatement by organic and inorganic packed biofilters: Assessment of operational and environmental indicators. Journal of Cleaner Production, 2017, 143, 1191-1202.	9.3	17
103	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons. Applied Energy, 2017, 205, 1151-1164.	10.1	79
104	Optimization of solvent extraction of antioxidants from Eucalyptus globulus leaves by response surface methodology: Characterization and assessment of their bioactive properties. Industrial Crops and Products, 2017, 108, 649-659.	5.2	74
105	The prospective use of biochar as adsorption matrix â€“ A review from a lifecycle perspective. Bioresource Technology, 2017, 246, 135-141.	9.6	98
106	Comprehensive investigation of the enzymatic oligomerization of esculin by laccase in ethanolâ€‰:â€‰water mixtures. RSC Advances, 2017, 7, 38424-38433.	3.6	14
107	Life cycle assessment of Î²-Galactosidase enzyme production. Journal of Cleaner Production, 2017, 165, 204-212.	9.3	13
108	Rutin: A review on extraction, identification and purification methods, biological activities and approaches to enhance its bioavailability. Trends in Food Science and Technology, 2017, 67, 220-235.	15.1	392

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109	Technical and environmental evaluation of an integrated scheme for the co-treatment of wastewater and domestic organic waste in small communities. Water Research, 2017, 109, 173-185.	11.3	20
110	Rice fertilised with urban sewage sludge and possible mitigation strategies: an environmental assessment. Journal of Cleaner Production, 2017, 140, 914-923.	9.3	22
111	Life cycle assessment of in situ mariculture in the Mediterranean Sea for the production of bioactive compounds from the sponge Sarcotragus spinosulus. Journal of Cleaner Production, 2017, 142, 4356-4368.	9.3	16
112	Implementation of linear programming and life cycle approach in an Excel application to determine ecoefficiency. Computer Aided Chemical Engineering, 2017, 40, 2731-2736.	0.5	2
113	Formulation of Laccase Nanobiocatalysts Based on Ionic and Covalent Interactions for the Enhanced Oxidation of Phenolic Compounds. Applied Sciences (Switzerland), 2017, 7, 851.	2.5	14
114	Environmental performance of sorghum, barley and oat silage production for livestock feed using life cycle assessment. Resources, Conservation and Recycling, 2016, 111, 28-41.	10.8	32
115	Environmental sustainability of bark valorisation into biofoam and syngas. Journal of Cleaner Production, 2016, 125, 33-43.	9.3	20
116	Benchmarking wastewater treatment plants under an eco-efficiency perspective. Science of the Total Environment, 2016, 566-567, 468-479.	8.0	97
117	Fostering the action of versatile peroxidase as a highly efficient biocatalyst for the removal of endocrine disrupting compounds. New Biotechnology, 2016, 33, 187-195.	4.4	28
118	Review of solid state fermentation for lignocellulolytic enzyme production: challenges for environmental applications. Reviews in Environmental Science and Biotechnology, 2016, 15, 31-46.	8.1	27
119	Opportunities and challenges of implementing life cycle assessment in seafood certification: a case study for Spain. International Journal of Life Cycle Assessment, 2016, 21, 451-464.	4.7	15
120	Environmental performance of biomass refining into high-added value compounds. Journal of Cleaner Production, 2016, 120, 170-180.	9.3	42
121	Carbon and water footprint of pork supply chain in Catalonia: From feed to final products. Journal of Environmental Management, 2016, 171, 133-143.	7.8	45
122	Beyond the conventional life cycle inventory in wastewater treatment plants. Science of the Total Environment, 2016, 553, 71-82.	8.0	85
123	Recyclable cross-linked laccase aggregates coupled to magnetic silica microbeads for elimination of pharmaceuticals from municipal wastewater. Environmental Science and Pollution Research, 2016, 23, 8929-8939.	5.3	49
124	Ranking wastewater treatment trains based on their impacts and benefits on human health: a â€œBiological Assay and Diseaseâ€•approach. Journal of Cleaner Production, 2016, 113, 311-317.	9.3	24
125	Assessing the use of nanoimmobilized laccases to remove micropollutants from wastewater. Environmental Science and Pollution Research, 2016, 23, 3217-3228.	5.3	45
126	Environmental life cycle optimization of essential terpene oils produced by the macroalga Ochtodes secundiramea. Science of the Total Environment, 2016, 542, 292-305.	8.0	18

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127	Continuous removal of endocrine disruptors by versatile peroxidase using a twoâ€stage system. Biotechnology Progress, 2015, 31, 908-916.	2.6	32
128	Membrane reactors for bioethanol production and processing. , 2015, , 313-343.		2
129	Continuous Removal of Nonylphenol by Versatile Peroxidase in a Two-Stage Membrane Bioreactor. Applied Biochemistry and Biotechnology, 2015, 175, 3038-3047.	2.9	18
130	Potentiality of a ceramic membrane reactor for the laccase-catalyzed removal of bisphenol A from secondary effluents. Applied Microbiology and Biotechnology, 2015, 99, 9299-9308.	3.6	29
131	Accounting for time-dependent changes in GHG emissions in the Ribeiro appellation (NW Spain): Are land use changes an important driver?. Environmental Science and Policy, 2015, 51, 215-227.	4.9	15
132	Life cycle assessment of gasoline production and use in Chile. Science of the Total Environment, 2015, 505, 833-843.	8.0	20
133	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production. Waste Management, 2015, 41, 50-59.	7.4	44
134	Comparative life cycle assessment of three representative feed cereals production in the Po Valley (Italy). Journal of Cleaner Production, 2015, 99, 250-265.	9.3	60
135	Cross-vessel eco-efficiency analysis. A case study for purse seining fishing from North Portugal targeting European pilchard. International Journal of Life Cycle Assessment, 2015, 20, 1019-1032.	4.7	24
136	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil. Applied Microbiology and Biotechnology, 2015, 99, 8815-8829.	3.6	47
137	Coupling extraction and enzyme catalysis for the removal of anthracene present in polluted soils. Biochemical Engineering Journal, 2015, 93, 289-293.	3.6	10
138	Assessment of morphological changes of Clostridium acetobutylicum by flow cytometry during acetone/butanol/ethanol extractive fermentation. Biotechnology Letters, 2015, 37, 577-584.	2.2	18
139	Selection of odour removal technologies in wastewater treatment plants: A guideline based on Life Cycle Assessment. Journal of Environmental Management, 2015, 149, 77-84.	7.8	65
140	Eco-efficiency analysis of Spanish WWTPs using the LCAÂ+ÂDEA method. Water Research, 2015, 68, 651-666.	11.3	190
141	Ecoâ€Designing the Use Phase of Products in Sustainable Manufacturing. Journal of Industrial Ecology, 2014, 18, 545-557.	5.5	33
142	Comparing environmental impacts of different forest management scenarios for maritime pine biomass production in France. Journal of Cleaner Production, 2014, 64, 356-367.	9.3	33
143	Life cycle assessment of the production of the red antioxidant carotenoid astaxanthin by microalgae: from lab to pilot scale. Journal of Cleaner Production, 2014, 64, 332-344.	9.3	169
144	Assuring the sustainable production of biogas from anaerobic mono-digestion. Journal of Cleaner Production, 2014, 72, 23-34.	9.3	57

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145	Edible Protein Energy Return on Investment Ratio (ep-EROI) for Spanish Seafood Products. Ambio, 2014, 43, 381-394.	5.5	30
146	Comparative environmental assessment of valorization strategies of the invasive macroalgae Sargassum muticum. Bioresource Technology, 2014, 161, 137-148.	9.6	52
147	Divergences on the environmental impact associated to the production of maritime pine wood in Europe: French and Portuguese case studies. Science of the Total Environment, 2014, 472, 324-337.	8.0	20
148	Life cycle assessment of the production of bioactive compounds fromÂTetraselmis suecica at pilot scale. Journal of Cleaner Production, 2014, 64, 323-331.	9.3	57
149	Modeling the leachate flow and aggregated emissions from municipal waste landfills under life cycle thinking in the Oceanic region of the Iberian Peninsula. Journal of Cleaner Production, 2014, 67, 98-106.	9.3	29
150	Environmental solutions for the sustainable production of bioactive natural products from the marine sponge Crambe crambe. Science of the Total Environment, 2014, 475, 71-82.	8.0	15
151	PPCPs in wastewater â€“ Update and calculation of characterization factors for their inclusion in LCA studies. Journal of Cleaner Production, 2014, 83, 245-255.	9.3	53
152	Life Cycle Assessment of broiler chicken production: a Portuguese case study. Journal of Cleaner Production, 2014, 74, 125-134.	9.3	93
153	Life Cycle Assessment of electricity production in Italy from anaerobic co-digestion of pig slurry and energy crops. Renewable Energy, 2014, 68, 625-635.	8.9	109
154	Vegetable oils as NAPLs in two phase partitioning bioreactors for the degradation of anthracene by laccase. Chemical Engineering Journal, 2014, 240, 281-289.	12.7	20
155	Cradle-to-gate Life Cycle Assessment of forest operations in Europe: environmental and energy profiles. Journal of Cleaner Production, 2014, 66, 188-198.	9.3	47
156	Life cycle assessment of European pilchard (Sardina pilchardus) consumption. A case study for Galicia (NW Spain). Science of the Total Environment, 2014, 475, 48-60.	8.0	45
157	Environmental evaluation of eicosapentaenoic acid production by Phaeodactylum tricornutum. Science of the Total Environment, 2014, 466-467, 991-1002.	8.0	26
158	Solvent screening methodology for in situ ABE extractive fermentation. Applied Microbiology and Biotechnology, 2014, 98, 5915-5924.	3.6	38
159	Life cycle assessment of nutrient removal technologies for the treatment of anaerobic digestion supernatant and its integration in a wastewater treatment plant. Science of the Total Environment, 2014, 490, 871-879.	8.0	78
160	Comparative life cycle assessment in the wine sector: biodynamic vs. conventional viticulture activities in NW Spain. Journal of Cleaner Production, 2014, 65, 330-341.	9.3	144
161	Sustainable production of biologically active molecules of marine based origin. New Biotechnology, 2013, 30, 839-850.	4.4	92
162	Carbon footprint analysis of goose barnacle (Pollicipes pollicipes) collection on the Galician coast (NW Spain). Fisheries Research, 2013, 143, 191-200.	1.7	10

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163	The influence of forest management systems on the environmental impacts for Douglas-fir production in France. Science of the Total Environment, 2013, 461-462, 681-692.	8.0	19
164	Understanding the factors controlling the removal of trace organic contaminants by white-rot fungi and their lignin modifying enzymes: A critical review. Bioresource Technology, 2013, 141, 97-108.	9.6	241
165	Environmental assessment of different biofilters for the treatment of gaseous streams. Journal of Environmental Management, 2013, 129, 463-470.	7.8	13
166	On the use of a high-redox potential laccase as an alternative for the transformation of non-steroidal anti-inflammatory drugs (NSAIDs). Journal of Molecular Catalysis B: Enzymatic, 2013, 97, 233-242.	1.8	52
167	Bioencapsulated probiotics increased survival, growth and improved gut flora of turbot (Psetta) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	21
168	Carbon footprint of a multi-ingredient seafood product from a business-to-business perspective. Journal of Cleaner Production, 2013, 44, 200-210.	9.3	45
169	Improving the catalytic performance of laccase using a novel continuous-flow microreactor. Chemical Engineering Journal, 2013, 223, 497-506.	12.7	45
170	Greenhouse gas emissions from Spanish motorway transport: Key aspects and mitigation solutions. Energy Policy, 2013, 60, 705-713.	8.8	9
171	Environmental Life Cycle Assessment of a Galician cheese: San Simon da Costa. Journal of Cleaner Production, 2013, 52, 253-262.	9.3	77
172	Activation of Kraft Lignin by an Enzymatic Treatment with a Versatile Peroxidase from Bjerkandera sp. R1. Applied Biochemistry and Biotechnology, 2013, 169, 1262-1278.	2.9	7
173	Cradle-to-gate life cycle inventory and environmental performance ofÂDouglas-fir roundwood production in Germany. Journal of Cleaner Production, 2013, 54, 244-252.	9.3	30
174	The role of consumer purchase and post-purchase decision-making in sustainable seafood consumption. A Spanish case study using carbon footprinting. Food Policy, 2013, 41, 94-102.	6.0	32
175	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.	10.0	105
176	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2013, 14, .	0.9	0
177	Application of response surface methodology to study the removal of estrogens in a laccase-mediated continuous membrane reactor. Biocatalysis and Biotransformation, 2013, 31, 197-207.	2.0	11
178	Continuous operation of a fluidized bed reactor for the removal of estrogens by immobilized laccase on Eupergit supports. Journal of Biotechnology, 2012, 162, 404-406.	3.8	42
179	Product carbon footprinting in Thailand: A step towards sustainable consumption and production?. Environmental Development, 2012, 3, 100-108.	4.1	17
180	A methodology to estimate greenhouse gases emissions in Life Cycle Inventories of wastewater treatment plants. Environmental Impact Assessment Review, 2012, 37, 37-46.	9.2	67

#	Article	IF	Citations
181	Best practices in life cycle assessment implementation in fisheries. Improving and broadening environmental assessment for seafood production systems. Trends in Food Science and Technology, 2012, 28, 116-131.	15.1	66
182	Environmental aspects of eucalyptus based ethanol production and use. Science of the Total Environment, 2012, 438, 1-8.	8.0	35
183	Environmental assessment and improvement alternatives of a ventilated wooden wall from LCA and DfE perspective. International Journal of Life Cycle Assessment, 2012, 17, 432-443.	4.7	20
184	Potential environmental effects of probiotics used in aquaculture. Aquaculture International, 2012, 20, 779-789.	2.2	32
185	Immobilisation of laccase on Eupergit supports and its application for the removal of endocrine disrupting chemicals in a packed-bed reactor. Biodegradation, 2012, 23, 373-386.	3.0	89
186	Are all membrane reactors equal from an environmental point of view?. Desalination, 2012, 285, 263-270.	8.2	52
187	Operation of stirred tank reactors (STRs) and fixed-bed reactors (FBRs) with free and immobilized Phanerochaete chrysosporium for the continuous removal of pharmaceutical compounds. Biochemical Engineering Journal, 2012, 66, 38-45.	3.6	60
188	Life cycle assessment of hemp hurds use in second generation ethanol production. Biomass and Bioenergy, 2012, 36, 268-279.	5.7	59
189	Comparative life cycle assessment of ethanol production from fast-growing wood crops (black) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.7	80
190	Environmental assessment of frozen common octopus (Octopus vulgaris) captured by Spanish fishing vessels in the Mauritanian EEZ. Marine Policy, 2012, 36, 180-188.	3.2	46
191	Eco-innovation of a wooden childhood furniture set: An example of environmental solutions in the wood sector. Science of the Total Environment, 2012, 426, 318-326.	8.0	42
192	Surfactant-assisted two phase partitioning bioreactors for laccase-catalyzed degradation of anthracene. Process Biochemistry, 2012, 47, 1115-1121.	3.7	24
193	Eco-innovation of a wooden based modular social playground: application of LCA and DfE methodologies. Journal of Cleaner Production, 2012, 27, 21-31.	9.3	26
194	Joint life cycle assessment and data envelopment analysis of grape production for vinification in the RÃas Baixas appellation (NW Spain). Journal of Cleaner Production, 2012, 27, 92-102.	9.3	172
195	Environmental analysis of Ribeiro wine from a timeline perspective: Harvest year matters when reporting environmental impacts. Journal of Environmental Management, 2012, 98, 73-83.	7.8	100
196	Degradation of estrogens by laccase from Myceliophthora thermophila in fed-batch and enzymatic membrane reactors. Journal of Hazardous Materials, 2012, 213-214, 175-183.	12.4	77
197	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.	3.0	103
198	Economic comparison of enzymatic reactors and advanced oxidation processes applied to the degradation of phenol as a model compound. Biocatalysis and Biotransformation, 2011, 29, 344-353.	2.0	12

#	Article	IF	Citations
199	Life Cycle Assessment of fresh hake fillets captured by the Galician fleet in the Northern Stock. Fisheries Research, 2011, 110, 128-135.	1.7	61
200	Environmental and economic profile of six typologies of wastewater treatment plants. Water Research, 2011, 45, 5997-6010.	11.3	255
201	Combined application of LCA and eco-design for the sustainable production of wood boxes for wine bottles storage. International Journal of Life Cycle Assessment, 2011, 16, 224-237.	4.7	51
202	Environmental Life Cycle Assessment of a Swedish Dissolving Pulp Mill Integrated Biorefinery. Journal of Industrial Ecology, 2011, 15, 568-583.	5.5	55
203	Computation of Operational and Environmental Benchmarks Within Selected Galician Fishing Fleets. Journal of Industrial Ecology, 2011, 15, 776-795.	5.5	47
204	Updating the carbon footprint of the Galician fishing activity (NW Spain). Science of the Total Environment, 2011, 409, 1609-1611.	8.0	32
205	Benchmarking environmental and operational parameters through eco-efficiency criteria for dairy farms. Science of the Total Environment, 2011, 409, 1786-1798.	8.0	154
206	Assessing the global warming potential of wooden products from the furniture sector to improve their ecodesign. Science of the Total Environment, 2011, 410-411, 16-25.	8.0	52
207	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase. Biodegradation, 2011, 22, 539-550.	3.0	97
208	A new strain of Bjerkandera sp. production, purification and characterization of versatile peroxidase. World Journal of Microbiology and Biotechnology, 2011, 27, 115-122.	3.6	25
209	Degradation of selected pharmaceutical and personal care products (PPCPs) by white-rot fungi. World Journal of Microbiology and Biotechnology, 2011, 27, 1839-1846.	3.6	136
210	Environmental assessment of green hardboard production coupled with a laccase activated system. Journal of Cleaner Production, 2011, 19, 445-453.	9.3	81
211	Environmental assessment of black locust (Robinia pseudoacacia L.)-based ethanol as potential transport fuel. International Journal of Life Cycle Assessment, 2011, 16, 465-477.	4.7	33
212	Biocatalytic generation of Mn(III)â€¢chelate as a chemical oxidant of different environmental contaminants. Biotechnology Progress, 2011, 27, 668-676.	2.6	12
213	Immobilization of laccase by encapsulation in a solâ€“gel matrix and its characterization and use for the removal of estrogens. Biotechnology Progress, 2011, 27, 1570-1579.	2.6	59
214	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.	9.6	106
215	Estimating global discards and their potential reduction for the Galician fishing fleet (NW Spain). Marine Policy, 2011, 35, 140-147.	3.2	26
216	Environmental assessment of dehydrated alfalfa production in Spain. Resources, Conservation and Recycling, 2011, 55, 1005-1012.	10.8	32

#	Article	IF	Citations
217	Environmental impact assessment of non-wood based pulp production by soda-anthraquinone pulping process. Journal of Cleaner Production, 2010, 18, 137-145.	9.3	42
218	Development of regional characterization factors for aquatic eutrophication. International Journal of Life Cycle Assessment, 2010, 15, 32-43.	4.7	53
219	Further potentials in the joint implementation of life cycle assessment and data envelopment analysis. Science of the Total Environment, 2010, 408, 5265-5272.	8.0	103
220	Estimation of the carbon footprint of the Galician fishing activity (NW Spain). Science of the Total Environment, 2010, 408, 5284-5294.	8.0	71
221	Environmental performance of lignocellulosic bioethanol production from Alfalfa stems. Biofuels, Bioproducts and Biorefining, 2010, 4, 118-131.	3.7	51
222	Environmental profile of ethanol from poplar biomass as transport fuel in Southern Europe. Renewable Energy, 2010, 35, 1014-1023.	8.9	79
223	Life cycle assessment of raw materials for non-wood pulp mills: Hemp and flax. Resources, Conservation and Recycling, 2010, 54, 923-930.	10.8	96
224	Implementing by-product management into the Life Cycle Assessment of the mussel sector. Resources, Conservation and Recycling, 2010, 54, 1219-1230.	10.8	51
225	Environmental impact efficiency in mussel cultivation. Resources, Conservation and Recycling, 2010, 54, 1269-1277.	10.8	77
226	Life Cycle Assessment of fresh and canned mussel processing and consumption in Galicia (NW Spain). Resources, Conservation and Recycling, 2010, 55, 106-117.	10.8	66
227	Comparative environmental performance of lignocellulosic ethanol from different feedstocks. Renewable and Sustainable Energy Reviews, 2010, 14, 2077-2085.	16.4	90
228	Revisiting the Life Cycle Assessment of mussels from a sectorial perspective. Journal of Cleaner Production, 2010, 18, 101-111.	9.3	70
229	Assessing relationships among life-cycle environmental impacts with dimension reduction techniques. Journal of Environmental Management, 2010, 91, 1002-1011.	7.8	25
230	Study of mass transfer and biocatalyst stability for the enzymatic degradation of anthracene in a two-phase partitioning bioreactor. Biochemical Engineering Journal, 2010, 51, 79-85.	3.6	23
231	Laccase-catalyzed degradation of anti-inflammatories and estrogens. Biochemical Engineering Journal, 2010, 51, 124-131.	3.6	185
232	Carbon footprint of canned mussels from a business-to-consumer approach. A starting point for mussel processors and policy makers. Environmental Science and Policy, 2010, 13, 509-521.	4.9	72
233	Life cycle assessment of horse mackerel fisheries in Galicia (NW Spain): Comparative analysis of two major fishing methods. Fisheries Research, 2010, 106, 517-527.	1.7	91
234	Biodegradability of kraft mill TCF biobleaching effluents: Application of enzymatic laccase-mediator system. Water Research, 2010, 44, 2211-2220.	11.3	24

#	Article	IF	Citations
235	Environmental assessment of anaerobically digested sludge reuse in agriculture: Potential impacts of emerging micropollutants. Water Research, 2010, 44, 3225-3233.	11.3	121
236	Reactor Engineering. , 2010, , 245-290.		3
237	The link between operational efficiency and environmental impacts. Science of the Total Environment, 2009, 407, 1744-1754.	8.0	143
238	Comparative environmental assessment of wood transport models. Science of the Total Environment, 2009, 407, 3530-3539.	8.0	30
239	Environmental impacts of forest production and supply of pulpwood: Spanish and Swedish case studies. International Journal of Life Cycle Assessment, 2009, 14, 340-353.	4.7	88
240	Environmental performance assessment of hardboard manufacture. International Journal of Life Cycle Assessment, 2009, 14, 456-466.	4.7	82
241	Environmental impact assessment of total chlorine free pulp from Eucalyptus globulus in Spain. Journal of Cleaner Production, 2009, 17, 1010-1016.	9.3	77
242	Life cycle assessment of flax shives derived second generation ethanol fueled automobiles in Spain. Renewable and Sustainable Energy Reviews, 2009, 13, 1922-1933.	16.4	59
243	Environmental aspects of ethanol-based fuels from Brassica carinata: A case study of second generation ethanol. Renewable and Sustainable Energy Reviews, 2009, 13, 2613-2620.	16.4	47
244	Evaluation of forest operations in Spanish eucalypt plantations under a life cycle assessment perspective. Scandinavian Journal of Forest Research, 2009, 24, 160-172.	1.4	41
245	Enzymatic degradation of low soluble compounds in monophasic water:solvent reactors. Kinetics and modeling of anthracene degradation by MnP. Biotechnology and Bioengineering, 2008, 100, 619-626.	3.3	10
246	Evaluation of the enzyme manganese peroxidase in an industrial sequence for the lignin oxidation and bleaching of eucalyptus kraft pulp. Journal of Applied Polymer Science, 2008, 109, 1319-1327.	2.6	19
247	Environmental performance of wastewater treatment plants for small populations. Resources, Conservation and Recycling, 2008, 52, 931-940.	10.8	138
248	A comparison of municipal wastewater treatment plants for big centres of population in Galicia (Spain). International Journal of Life Cycle Assessment, 2008, 13, 57-64.	4.7	81
249	Dye Decolorization by Manganese Peroxidase in an Enzymatic Membrane Bioreactor. Biotechnology Progress, 2008, 20, 74-81.	2.6	74
250	Study Cases of Enzymatic Processes. , 2008, , 253-378.		5
251	Screening of white rot fungal species for their capacity to degrade lindane and other isomers of hexachlorocyclohexane (HCH). Ciencia E Investigacion Agraria, 2008, 35, .	0.2	20
252	A comparison of municipal wastewater treatment plants for big centres of population in Galicia (Spain). International Journal of Life Cycle Assessment, 2008, 13, 57-64.	4.7	34

#	Article	IF	Citations
253	Strategies for the design and operation of enzymatic reactors for the degradation of highly and poorly soluble recalcitrant compounds. Biocatalysis and Biotransformation, 2007, 25, 260-268.	2.0	22
254	Operation of a two-phase partitioning bioreactor for the oxidation of anthracene by the enzyme manganese peroxidase. Chemosphere, 2007, 66, 1744-1751.	8.2	29
255	Biodegradation of Pentachlorophenol in Soil Slurry Cultures byBjerkandera adustaandAnthracophyllumdiscolor. Industrial & Engineering Chemistry Research, 2007, 46, 6744-6751.	3.7	49
256	Dynamic modeling of an enzymatic membrane reactor for the treatment of xenobiotic compounds. Biotechnology and Bioengineering, 2007, 97, 1128-1137.	3.3	19
257	Is the presence of dicarboxylic acids required in the MnP cycle?. Enzyme and Microbial Technology, 2007, 42, 70-75.	3.2	11
258	Bioremediation of HCH present in soil by the white-rot fungus Bjerkandera adusta in a slurry batch bioreactor. International Biodeterioration and Biodegradation, 2007, 60, 319-326.	3.9	76
259	Life cycle inventory of medium density fibreboard. International Journal of Life Cycle Assessment, 2007, 12, 143-150.	4.7	69
260	Biodegradation of dibenzothiophene, fluoranthene, pyrene and chrysene in a soil slurry reactor by the white-rot fungus Bjerkandera sp. BOS55. Process Biochemistry, 2007, 42, 641-648.	3.7	63
261	An anaerobic bioreactor allows the efficient degradation of HCH isomers in soil slurry. Chemosphere, 2006, 63, 1005-1013.	8.2	29
262	Enzymatic degradation of anthracene, dibenzothiophene and pyrene by manganese peroxidase in media containing acetone. Chemosphere, 2006, 64, 408-414.	8.2	154
263	Biodegradation of polycyclic aromatic hydrocarbons in forest and salt marsh soils by white-rot fungi. International Biodeterioration and Biodegradation, 2006, 58, 15-21.	3.9	69
264	Environmental assessment of canned tuna manufacture with a life-cycle perspective. Resources, Conservation and Recycling, 2006, 47, 56-72.	10.8	102
265	Life Cycle Inventory of Particleboard: A Case Study in the Wood Sector (8 pp). International Journal of Life Cycle Assessment, 2006, 11, 106-113.	4.7	114
266	Life cycle assessment of wood wastes: A case study of ephemeral architecture. Science of the Total Environment, 2006, 357, 1-11.	8.0	84
267	Complete degradation of anthracene by Manganese Peroxidase in organic solvent mixtures. Enzyme and Microbial Technology, 2005, 37, 365-372.	3.2	61
268	Environmental Evaluation of Different Treatment Processes for Sludge from Urban Wastewater Treatments: Anaerobic Digestion versus Thermal Processes (10 pp). International Journal of Life Cycle Assessment, 2005, 10, 336-345.	4.7	183
269	Effect of surfactants on the soil desorption of hexachlorocyclohexane (HCH) isomers and their anaerobic biodegradation. Journal of Chemical Technology and Biotechnology, 2005, 80, 1005-1015.	3.2	43
270	Anaerobic degradation of hexachlorocyclohexane isomers in liquid and soil slurry systems. Chemosphere, 2005, 61, 528-536.	8.2	92

#	Article	IF	Citations
271	Anaerobic microbial mobilization and biotransformation of arsenate adsorbed onto activated alumina. Water Research, 2005, 39, 199-209.	11.3	32
272	Fed-batch decolorization of Poly R-478 by Trametes versicolor. Brazilian Archives of Biology and Technology, 2004, 47, 179-183.	0.5	19
273	Facile Reduction of Arsenate in Methanogenic Sludge. Biodegradation, 2004, 15, 185-196.	3.0	25
274	Environmental performance of a municipal wastewater treatment plant. International Journal of Life Cycle Assessment, 2004, 9, 261.	4.7	116
275	Life Cycle Assessment as a Tool for the Environmental Improvement of the Tannery Industry in Developing Countries. Environmental Science & Technology, 2004, 38, 1901-1909.	10.0	60
276	Fungal Bioreactors: Applications to White-Rot Fungi. Reviews in Environmental Science and Biotechnology, 2003, 2, 247-259.	8.1	30
277	Semipilot-scale bleaching of Kraft pulp with manganese peroxide. Wood Science and Technology, 2003, 37, 117-123.	3.2	20
278	Covalent immobilisation of manganese peroxidases (MnP) from Phanerochaete chrysosporium and Bjerkandera sp. BOS55. Enzyme and Microbial Technology, 2003, 32, 769-775.	3.2	38
279	Oxidative Degradation of Azo Dyes by Manganese Peroxidase under Optimized Conditions. Biotechnology Progress, 2003, 19, 325-331.	2.6	90
280	Simplified life cycle assessment of galician milk production. International Dairy Journal, 2003, 13, 783-796.	3.0	167
281	Enzymatic membrane reactors for biodegradation of recalcitrant compounds. Application to dye decolourisation. Journal of Biotechnology, 2002, 99, 249-257.	3.8	90
282	Biodegradation of a polymeric dye in a pulsed bed bioreactor by immobilised Phanerochaete chrysosporium. Water Research, 2002, 36, 1896-1901.	11.3	61
283	Title is missing!. Biotechnology Letters, 2002, 24, 791-794.	2.2	7
284	A packed-bed fungal bioreactor for the continuous decolourisation of azo-dyes (Orange II). Journal of Biotechnology, 2001, 89, 99-106.	3.8	95
285	Oxidation of lignin in eucalyptus kraft pulp by manganese peroxidase from Bjerkandera sp. strain BOS55. Bioresource Technology, 2001, 78, 71-79.	9.6	25
286	In vitro degradation of a polymeric dye (Poly Râ€478) by manganese peroxidase. Biotechnology and Bioengineering, 2001, 75, 362-368.	3.3	79
287	Evaluation of different fungal strains in the decolourisation of synthetic dyes. Biotechnology Letters, 2000, 22, 1499-1503.	2.2	89
288	Manganese peroxidase production by Bjerkandera sp. BOS55. Bioprocess and Biosystems Engineering, 2000, 23, 657-661.	3.4	24

#	Article	IF	Citations
289	Manganese Peroxidase production by Bjerkandera sp. BOS55. Bioprocess and Biosystems Engineering, 2000, 23, 663-667.	3.4	14
290	Reevaluation of the manganese requirement for the biobleaching of kraft pulp by white rot fungi. Bioresource Technology, 1999, 70, 255-260.	9.6	14
291	Use of cheese whey as a substrate to produce manganese peroxidase by Bjerkandera sp BOS55. Journal of Industrial Microbiology and Biotechnology, 1999, 23, 86-90.	3.0	28
292	Strategies for the continuous production of ligninolytic enzymes in fixed and fluidised bed bioreactors. Journal of Biotechnology, 1998, 66, 27-39.	3.8	55
293	Biobleaching of oxygen delignified kraft pulp by several white rot fungal strains. Journal of Biotechnology, 1997, 53, 237-251.	3.8	72
294	Enhanced catalytic properties of MnP by exogenous addition of manganese and hydrogen peroxide. Biotechnology Letters, 1997, 19, 263-268.	2.2	18
295	Decolorization of ion-exchange effluents derived from sugar-mill operations by Bjerkandera sp.BOS55. International Biodeterioration and Biodegradation, 1997, 40, 125-129.	3.9	53
296	Continuous production of manganese peroxidase byPhanerochaete chrysosporium immobilized on polyurethane foam in a pulsed packed-bed bioreactor. , 1997, 56, 130-137.		29
297	Effect of pulsation on morphology of Aspergillus niger and Phanerochaete chrysosporium in a fluidized-bed reactor. Progress in Biotechnology, 1996, , 518-523.	0.2	2
298	Control of pellet morphology of filamentous fungi in fluidized bed bioreactors by means of a pulsing flow. Application to Aspergillus niger and Phanerochaete chrysosporium. Enzyme and Microbial Technology, 1996, 19, 261-266.	3.2	49
299	Oxalic acid extraction as a posttreatment to increase the brightness of kraft pulps bleached by white-rot fungi. Biotechnology Letters, 1996, 10, 559-564.	0.5	7
300	Production of Manganese Peroxidase by free pellets ofPhanerochaete chrysosporium in an Expanded-Bed Bioreactor. Biotechnology Letters, 1995, 9, 371-376.	0.5	11
301	Degradation of high molecular weight compounds of Kraft pulp mill effluents by a combined treatment with fungi and bacteria. Biotechnology Letters, 1995, 17, 1261-1266.	2.2	35