Gumersindo Feijoo

List of Publications by Year
in descending order

312 papers	13,492 citations	15504 65 h-index	39675 94 g-index
319 all docs	319 docs citations	319 times ranked	11296 citing authors

#	Article	IF	Citations
1	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
2	Renewable carbon opportunities in the production of succinic acid applying attributional and consequential modelling. Chemical Engineering Journal, 2022, 428, 132011.	12.7	13
3	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
4	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
5	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
6	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
7	Sustainable non-isocyanate polyurethanes bio-adhesives for engineered wood panels are revealed as promising candidates to move from formaldehyde-based alternatives. Journal of Environmental Chemical Engineering, 2022, 10, 107053.	6.7	17
8	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
9	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
10	Coupling Material Flow Analysis and Network DEA for the evaluation of eco-efficiency and circularity on dairy farms. Sustainable Production and Consumption, 2022, 31, 805-817.	11.0	10
11	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
12	Environmental comparison of banana waste valorisation strategies under a biorefinery approach. Waste Management, 2022, 142, 77-87.	7.4	22
13	Exploring the potential of antioxidants from fruits and vegetables and strategies for their recovery. Innovative Food Science and Emerging Technologies, 2022, 77, 102974.	5.6	60
14	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
15	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
16	Environmental synergies in decentralized wastewater treatment at a hotel resort. Journal of Environmental Management, 2022, 317, 115392.	7.8	9
17	Pursuing the route to eco-efficiency in dairy production: The case of Galician area. Journal of Cleaner Production, 2021, 285, 124861.	9.3	19
18	Environmental and nutritional profile of food consumption patterns in the different climatic zones of Spain. Journal of Cleaner Production, 2021, 279, 123580.	9.3	11

#	Article	IF	Citations
19	Ecoâ€efficiency of a marine biorefinery for valorization of cartilaginous fish biomass. Journal of Industrial Ecology, 2021, 25, 789-801.	5.5	6
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	Environmental profile of the municipality of Madrid through the methodologies of Urban Metabolism and Life Cycle Analysis. Sustainable Cities and Society, 2021, 64, 102546.	10.4	13
23	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
24	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
25	Establishing the multi-criteria roadmap and metrics for the evaluation of active films for food packaging. Current Research in Green and Sustainable Chemistry, 2021, 4, 100160.	5.6	4
26	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
27	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
28	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
29	Screening the environmental sustainability of microbial production of butyric acid produced from lignocellulosic waste streams. Industrial Crops and Products, 2021, 162, 113280.	5.2	14
30	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
31	Environmental consequences of wheat-based crop rotation in potato farming systems in galicia, Spain. Journal of Environmental Management, 2021, 287, 112351.	7.8	11
32	Evaluation of Starch as an Environmental-Friendly Bioresource for the Development of Wood Bioadhesives. Molecules, 2021, 26, 4526.	3.8	13
33	Defining a procedure to identify key sustainability indicators in Spanish urban systems: Development and application. Sustainable Cities and Society, 2021, 70, 102919.	10.4	11
34	Is the Paleo diet safe for health and the environment?. Science of the Total Environment, 2021, 781, 146717.	8.0	11
35	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
36	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

#	Article	IF	Citations
37	Process and environmental simulation in the validation of the biotechnological production of nisin from waste. Biochemical Engineering Journal, 2021, 174, 108105.	3.6	12
38	Eco-efficiency assessment of shrimp aquaculture production in Mexico. Aquaculture, 2021, 544, 737145.	3.5	17
39	Encompassing health and nutrition with the adherence to the environmentally sustainable New Nordic Diet in Southern Europe. Journal of Cleaner Production, 2021, 327, 129470.	9.3	8
40	Exploiting the Potential of Supported Magnetic Nanomaterials as Fenton-Like Catalysts for Environmental Applications. Nanomaterials, 2021, 11, 2902.	4.1	10
41	Towards improving the sustainability of bioplastics: Process modelling and life cycle assessment of two separation routes for 2,5-furandicarboxylic acid. Separation and Purification Technology, 2020, 233, 116056.	7.9	32
42	Efficiency assessment of diets in the Spanish regions: A multi-criteria cross-cutting approach. Journal of Cleaner Production, 2020, 242, 118491.	9.3	18
43	Technoeconomic analysis, life cycle assessment and economic analysis of wastewater and sludge treatment systems. , 2020, , 85-114.		0
44	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
45	Enhanced Photocatalytic Activity of Semiconductor Nanocomposites Doped with Ag Nanoclusters Under UV and Visible Light. Catalysts, 2020, 10, 31.	3.5	11
46	BECCS based on bioethanol from wood residues: Potential towards a carbon-negative transport and side-effects. Applied Energy, 2020, 279, 115884.	10.1	41
47	Linking organic matter removal and biogas yield in the environmental profile of innovative wastewater treatment technologies. Journal of Cleaner Production, 2020, 276, 124292.	9.3	9
48	Assessing the sustainability dimension at local scale: Case study of Spanish cities. Ecological Indicators, 2020, 117, 106687.	6.3	28
49	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
50	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
51	Evaluating the Portuguese diet in the pursuit of a lower carbon and healthier consumption pattern. Climatic Change, 2020, 162, 2397-2409.	3.6	10
52	Identification of environmental aspects of citrus waste valorization into D-limonene from a biorefinery approach. Biomass and Bioenergy, 2020, 143, 105844.	5.7	24
53	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
54	Environmental Implications of Discarding Fish in Northern Spanish Coastal Bottom Otter Trawl Fisheries. Fisheries, 2020, 45, 359-368.	0.8	0

#	Article	IF	Citations
55	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
56	Environmental profile of decentralized wastewater treatment strategies based on membrane technologies. , 2020, , 259-287.		5
57	Environmental analysis of servicing centralised and decentralised wastewater treatment for population living in neighbourhoods. Journal of Water Process Engineering, 2020, 37, 101469.	5.6	22
58	Unraveling the environmental impacts of bioactive compounds and organic amendment from grape marc. Journal of Environmental Management, 2020, 272, 111066.	7.8	12
59	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
60	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
61	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
62	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
63	Fenton and Photo-Fenton Nanocatalysts Revisited from the Perspective of Life Cycle Assessment. Catalysts, 2020, 10, 23.	3.5	20
64	Turning waste management into a carbon neutral activity: Practical demonstration in a medium-sized European city. Science of the Total Environment, 2020, 728, 138843.	8.0	23
65	Nano-based technologies for environmental soil remediation. , 2020, , 307-331.		3
66	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
67	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
68	Potential impact on the recruitment of chemical engineering graduates due to the industrial internship. Education for Chemical Engineers, 2019, 26, 107-113.	4.8	12
69	Cross-country comparison on environmental impacts of particleboard production in Brazil and Spain. Resources, Conservation and Recycling, 2019, 150, 104434.	10.8	17
70	Assessing the environmental sustainability of glucose from wheat as a fermentation feedstock. Journal of Environmental Management, 2019, 247, 323-332.	7.8	18
71	Looking beyond the banning of lightweight bags: analysing the role of plastic (and fuel) impacts in waste collection at a Portuguese city. Environmental Science and Pollution Research, 2019, 26, 35629-35647.	5.3	12
72	Reprint of: Education of chemical engineering in Spain: A global picture. Education for Chemical Engineers, 2019, 26, 2-7.	4.8	2

#	Article	IF	Citations
73	Embedding environmental, economic and social indicators in the evaluation of the sustainability of the municipalities of Galicia (northwest of Spain). Journal of Cleaner Production, 2019, 234, 27-42.	9.3	53
74	Environmental implications of biohydrogen based energy production from steam reforming of alcoholic waste. Industrial Crops and Products, 2019, 138, 111465.	5.2	16
75	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
76	Integrated evaluation of wine lees valorization to produce value-added products. Waste Management, 2019, 95, 70-77.	7.4	27
77	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
78	Environmental Concerns on the Production of Value-Added Bioproducts From Residual Renewable Sources. , 2019, , 339-353.		1
79	Energy Footprint of Biorefinery Schemes. Environmental Footprints and Eco-design of Products and Processes, 2019, , 1-45.	1.1	1
80	Addressing Environmental Criteria and Energy Footprint in the Selection of Feedstocks for Bioenergy Production. Environmental Footprints and Eco-design of Products and Processes, 2019, , 1-46.	1.1	3
81	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
82	Life Cycle Assessment of Renewable Energy Production from Biomass. Green Energy and Technology, 2019, , 81-98.	0.6	4
83	Development of a Novel Magnetic Reactor Based on Nanostructured Fe3O4@PAA as Heterogenous Fenton Catalyst. Catalysts, 2019, 9, 18.	3.5	8
84	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
85	Estimating Carbon Footprint Under an Intensive Aquaculture Regime. , 2018, , 249-263.		1
86	Environmental and sustainability evaluation of livestock waste management practices in Cyprus. Science of the Total Environment, 2018, 634, 127-140.	8.0	21
87	Assessing the sustainability of Spanish cities considering environmental and socio-economic indicators. Journal of Cleaner Production, 2018, 178, 599-610.	9.3	76
88	Development of a Superparamagnetic Laccase Nanobiocatalyst for the Enzymatic Biotransformation of Xenobiotics. Journal of Environmental Engineering, ASCE, 2018, 144, 04018007.	1.4	8
89	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
90	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

#	Article	IF	Citations
91	Enzymatic reactors for the removal of recalcitrant compounds in wastewater. Biocatalysis and Biotransformation, 2018, 36, 195-215.	2.0	15
92	Dynamic environmental efficiency assessment for wastewater treatment plants. International Journal of Life Cycle Assessment, 2018, 23, 357-367.	4.7	41
93	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
94	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
95	Environmental and water sustainability of milk production in Northeast Spain. Science of the Total Environment, 2018, 616-617, 1317-1329.	8.0	28
96	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
97	Environmental sustainability assessment of HMF and FDCA production from lignocellulosic biomass through life cycle assessment (LCA). Holzforschung, 2018, 73, 105-115.	1.9	27
98	A novel enzyme catalysis reactor based on superparamagnetic nanoparticles for biotechnological applications. Journal of Environmental Chemical Engineering, 2018, 6, 5950-5960.	6.7	6
99	Education of chemical engineering in Spain: A global picture. Education for Chemical Engineers, 2018, 24, 27-31.	4.8	11
100	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
101	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
102	Comparative evaluation of lignocellulosic biorefinery scenarios under a lifeâ€cycle assessment approach. Biofuels, Bioproducts and Biorefining, 2018, 12, 1047-1064.	3.7	34
103	Carbon footprint and nutritional quality of different human dietary choices. Science of the Total Environment, 2018, 644, 77-94.	8.0	140
104	Fresh milk supply through vending machines: Consumption patterns and associated environmental impacts. Sustainable Production and Consumption, 2018, 15, 119-130.	11.0	23
105	Sustainability Assessment of Blue Biotechnology Processes: Addressing Environmental, Social and Economic Dimensions. , 2018, , 475-486.		8
106	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles. Journal of Cleaner Production, 2017, 143, 528-538.	9.3	47
107	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
108	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons. Applied Energy, 2017, 205, 1151-1164.	10.1	79

#	Article	IF	Citations
109	The prospective use of biochar as adsorption matrix â€“ A review from a lifecycle perspective. Bioresource Technology, 2017, 246, 135-141.	9.6	98
110	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
111	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
112	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
113	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
114	Environmental sustainability of bark valorisation into biofoam and syngas. Journal of Cleaner Production, 2016, 125, 33-43.	9.3	20
115	Benchmarking wastewater treatment plants under an eco-efficiency perspective. Science of the Total Environment, 2016, 566-567, 468-479.	8.0	97
116	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
117	Sustainable Design of Packaging Materials. Environmental Footprints and Eco-design of Products and Processes, 2016, , 23-46.	1.1	5
118	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
119	Environmental performance of biomass refining into high-added value compounds. Journal of Cleaner Production, 2016, 120, 170-180.	9.3	42
120	Beyond the conventional life cycle inventory in wastewater treatment plants. Science of the Total Environment, 2016, 553, 71-82.	8.0	85
121	Assessing the use of nanoimmobilized laccases to remove micropollutants from wastewater. Environmental Science and Pollution Research, 2016, 23, 3217-3228.	5.3	45
122	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
123	COMPARATIVE LIFE CYCLE ASSESSMENT STUDY OF THREE WINTER WHEAT PRODUCTION SYSTEMS IN THE EUROPEAN UNION. Environmental Engineering and Management Journal, 2016, 15, 1755-1766.	0.6	3
124	Enzymatic (Peroxidase) Membrane Bioreactor. , 2016, , 712-713.		0
125	Continuous removal of endocrine disruptors by versatile peroxidase using a twoâ€stage system. Biotechnology Progress, 2015, 31, 908-916.	2.6	32
126	Continuous Removal of Nonylphenol by Versatile Peroxidase in a Two-Stage Membrane Bioreactor. Applied Biochemistry and Biotechnology, 2015, 175, 3038-3047.	2.9	18

#	Article	IF	Citations
127	Development of urban solar infrastructure to support low-carbon mobility. Energy Policy, 2015, 85, 102-114.	8.8	13
128	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
129	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
130	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production. Waste Management, 2015, 41, 50-59.	7.4	44
131	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
132	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil. Applied Microbiology and Biotechnology, 2015, 99, 8815-8829.	3.6	47
133	Coupling extraction and enzyme catalysis for the removal of anthracene present in polluted soils. Biochemical Engineering Journal, 2015, 93, 289-293.	3.6	10
134	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
135	Eco-efficiency analysis of Spanish WWTPs using the LCAÂ+ÂDEA method. Water Research, 2015, 68, 651-666.	11.3	190
136	Enzymatic (Peroxidase) Membrane Bioreactor. , 2014, , 1-2.		0
137	Ecoâ€Designing the Use Phase of Products in Sustainable Manufacturing. Journal of Industrial Ecology, 2014, 18, 545-557.	5.5	33
138	Environmental Impact Assessment of Forest Operations and Pulp Manufacture. Managing Forest Ecosystems, 2014, , 517-535.	0.9	1
139	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
140	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
141	Life cycle inventory analysis of granite production from cradle to gate. International Journal of Life Cycle Assessment, 2014, 19, 153-165.	4.7	38
142	Assuring the sustainable production of biogas from anaerobic mono-digestion. Journal of Cleaner Production, 2014, 72, 23-34.	9.3	57
143	Edible Protein Energy Return on Investment Ratio (ep-EROI) for Spanish Seafood Products. Ambio, 2014, 43, 381-394.	5.5	30
144	Comparative environmental assessment of valorization strategies of the invasive macroalgae Sargassum muticum. Bioresource Technology, 2014, 161, 137-148.	9.6	52

#	Article	IF	Citations
145	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
146	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
147	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
148	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
149	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
150	Life Cycle Assessment of broiler chicken production: a Portuguese case study. Journal of Cleaner Production, 2014, 74, 125-134.	9.3	93
151	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
152	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
153	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
154	Environmental evaluation of eicosapentaenoic acid production by Phaeodactylum tricornutum. Science of the Total Environment, 2014, 466-467, 991-1002.	8.0	26
155	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
156	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
157	The Use of Carbon Footprint in the Wine Sector: Methodological Assumptions. Ecoproduction, 2014, , 269-298.	0.8	0
158	A Review of Energy Use and Greenhouse Gas Emissions from Worldwide Hake Fishing. Ecoproduction, 2014, , 1-29.	0.8	0
159	Sustainable production of biologically active molecules of marine based origin. New Biotechnology, 2013, 30, 839-850.	4.4	92
160	Carbon footprint analysis of goose barnacle (Pollicipes pollicipes) collection on the Galician coast (NW Spain). Fisheries Research, 2013, 143, 191-200.	1.7	10
161	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
162	Environmental assessment of different biofilters for the treatment of gaseous streams. Journal of Environmental Management, 2013, 129, 463-470.	7.8	13

#	Article	IF	Citations
163	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
164	Bioencapsulated probiotics increased survival, growth and improved gut flora of turbot (Psetta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.2	21
165	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
166	Improving the catalytic performance of laccase using a novel continuous-flow microreactor. Chemical Engineering Journal, 2013, 223, 497-506.	12.7	45
167	Greenhouse gas emissions from Spanish motorway transport: Key aspects and mitigation solutions. Energy Policy, 2013, 60, 705-713.	8.8	9
168	Environmental Life Cycle Assessment of a Galician cheese: San Simon da Costa. Journal of Cleaner Production, 2013, 52, 253-262.	9.3	77
169	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
170	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
171	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
172	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
173	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2013, 14, .	0.9	0
174	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
175	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
176	Product carbon footprinting in Thailand: A step towards sustainable consumption and production?. Environmental Development, 2012, 3, 100-108.	4.1	17
177	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
178	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
179	Environmental aspects of eucalyptus based ethanol production and use. Science of the Total Environment, 2012, 438, 1-8.	8.0	35
180	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

#	Article	IF	Citations
181	Potential environmental effects of probiotics used in aquaculture. Aquaculture International, 2012, 20, 779-789.	2.2	32
182	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
183	Are all membrane reactors equal from an environmental point of view?. Desalination, 2012, 285, 263-270.	8.2	52
184	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
185	Life cycle assessment of hemp hurds use in second generation ethanol production. Biomass and Bioenergy, 2012, 36, 268-279.	5.7	59
186	Comparative life cycle assessment of ethanol production from fast-growing wood crops (black) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	5.7	80
187	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
188	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
189	Surfactant-assisted two phase partitioning bioreactors for laccase-catalyzed degradation of anthracene. Process Biochemistry, 2012, 47, 1115-1121.	3.7	24
190	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
191	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
192	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
193	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
194	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
195	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
196	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
197	Environmental and economic profile of six typologies of wastewater treatment plants. Water Research, 2011, 45, 5997-6010.	11.3	255
198	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

#	Article	IF	Citations
199	Environmental Life Cycle Assessment of a Swedish Dissolving Pulp Mill Integrated Biorefinery. Journal of Industrial Ecology, 2011, 15, 568-583.	5.5	55
200	Computation of Operational and Environmental Benchmarks Within Selected Galician Fishing Fleets. Journal of Industrial Ecology, 2011, 15, 776-795.	5.5	47
201	Updating the carbon footprint of the Galician fishing activity (NW Spain). Science of the Total Environment, 2011, 409, 1609-1611.	8.0	32
202	Benchmarking environmental and operational parameters through eco-efficiency criteria for dairy farms. Science of the Total Environment, 2011, 409, 1786-1798.	8.0	154
203	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
204	Oxidation of pharmaceutically active compounds by a ligninolytic fungal peroxidase. Biodegradation, 2011, 22, 539-550.	3.0	97
205	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
206	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
207	Environmental assessment of green hardboard production coupled with a laccase activated system. Journal of Cleaner Production, 2011, 19, 445-453.	9.3	81
208	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
209	Biocatalytic generation of Mn(III)â€chelate as a chemical oxidant of different environmental contaminants. Biotechnology Progress, 2011, 27, 668-676.	2.6	12
210	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
211	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
212	Estimating global discards and their potential reduction for the Galician fishing fleet (NW Spain). Marine Policy, 2011, 35, 140-147.	3.2	26
213	Environmental assessment of dehydrated alfalfa production in Spain. Resources, Conservation and Recycling, 2011, 55, 1005-1012.	10.8	32
214	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
215	Development of regional characterization factors for aquatic eutrophication. International Journal of Life Cycle Assessment, 2010, 15, 32-43.	4.7	53
216	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

#	Article	IF	Citations
217	Estimation of the carbon footprint of the Galician fishing activity (NW Spain). Science of the Total Environment, 2010, 408, 5284-5294.	8.0	71
218	Environmental performance of lignocellulosic bioethanol production from Alfalfa stems. Biofuels, Bioproducts and Biorefining, 2010, 4, 118-131.	3.7	51
219	Environmental profile of ethanol from poplar biomass as transport fuel in Southern Europe. Renewable Energy, 2010, 35, 1014-1023.	8.9	79
220	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
221	Implementing by-product management into the Life Cycle Assessment of the mussel sector. Resources, Conservation and Recycling, 2010, 54, 1219-1230.	10.8	51
222	Environmental impact efficiency in mussel cultivation. Resources, Conservation and Recycling, 2010, 54, 1269-1277.	10.8	77
223	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
224	Comparative environmental performance of lignocellulosic ethanol from different feedstocks. Renewable and Sustainable Energy Reviews, 2010, 14, 2077-2085.	16.4	90
225	Revisiting the Life Cycle Assessment of mussels from a sectorial perspective. Journal of Cleaner Production, 2010, 18, 101-111.	9.3	70
226	Assessing relationships among life-cycle environmental impacts with dimension reduction techniques. Journal of Environmental Management, 2010, 91, 1002-1011.	7.8	25
227	Multiple-objective evaluation of wastewater treatment plant control alternatives. Journal of Environmental Management, 2010, 91, 1193-1201.	7.8	67
228	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
229	Laccase-catalyzed degradation of anti-inflammatories and estrogens. Biochemical Engineering Journal, 2010, 51, 124-131.	3.6	185
230	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
231	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
232	Biodegradability of kraft mill TCF biobleaching effluents: Application of enzymatic laccase-mediator system. Water Research, 2010, 44, 2211-2220.	11.3	24
233	Environmental assessment of anaerobically digested sludge reuse in agriculture: Potential impacts of emerging micropollutants. Water Research, 2010, 44, 3225-3233.	11.3	121
234	Reductive Dechlorination of Î±-, Î²-, Î³-, and Î´-Hexachlorocyclohexane Isomers with Hydroxocobalamin, in Soil Slurry Systems. Environmental Science & Technology, 2010, 44, 7063-7069.	10.0	21

#	Article	IF	Citations
235	Reactor Engineering. , 2010, , 245-290.		3
236	The link between operational efficiency and environmental impacts. Science of the Total Environment, 2009, 407, 1744-1754.	8.0	143
237	Comparative environmental assessment of wood transport models. Science of the Total Environment, 2009, 407, 3530-3539.	8.0	30
238	Effect of culture temperature on the heterologous expression of Pleurotus eryngii versatile peroxidase in Aspergillus hosts. Bioprocess and Biosystems Engineering, 2009, 32, 129-134.	3.4	26
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	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
252	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

#	Article	IF	Citations
253	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
254	Biodegradation of Pentachlorophenol in Soil Slurry Cultures byBjerkandera adustaandAnthracophyllumdiscolor. Industrial & Engineering Chemistry Research, 2007, 46, 6744-6751.	3.7	49
255	Dynamic modeling of an enzymatic membrane reactor for the treatment of xenobiotic compounds. Biotechnology and Bioengineering, 2007, 97, 1128-1137.	3.3	19
256	Is the presence of dicarboxylic acids required in the MnP cycle?. Enzyme and Microbial Technology, 2007, 42, 70-75.	3.2	11
257	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
258	Evaluation of biodiesel as bioremediation agent for the treatment of the shore affected by the heavy oil spill of the Prestige. Journal of Hazardous Materials, 2007, 147, 914-922.	12.4	54
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	Life cycle inventory of medium density fibreboard. International Journal of Life Cycle Assessment, 2007, 12, 143-150.	4.7	29
262	An anaerobic bioreactor allows the efficient degradation of HCH isomers in soil slurry. Chemosphere, 2006, 63, 1005-1013.	8.2	29
263	Enzymatic degradation of anthracene, dibenzothiophene and pyrene by manganese peroxidase in media containing acetone. Chemosphere, 2006, 64, 408-414.	8.2	154
264	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
265	Environmental assessment of canned tuna manufacture with a life-cycle perspective. Resources, Conservation and Recycling, 2006, 47, 56-72.	10.8	102
266	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
267	Life cycle assessment of wood wastes: A case study of ephemeral architecture. Science of the Total Environment, 2006, 357, 1-11.	8.0	84
268	Environmental analysis of beer production. , 2005, 4, 152.		14
269	Complete degradation of anthracene by Manganese Peroxidase in organic solvent mixtures. Enzyme and Microbial Technology, 2005, 37, 365-372.	3.2	61
270	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

#	Article	IF	Citations
271	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
272	Anaerobic degradation of hexachlorocyclohexane isomers in liquid and soil slurry systems. Chemosphere, 2005, 61, 528-536.	8.2	92
273	Anaerobic microbial mobilization and biotransformation of arsenate adsorbed onto activated alumina. Water Research, 2005, 39, 199-209.	11.3	32
274	Facile Reduction of Arsenate in Methanogenic Sludge. Biodegradation, 2004, 15, 185-196.	3.0	25
275	Effect of pH on the stability of Pleurotus eryngii versatile peroxidase during heterologous production in Emericella nidulans. Bioprocess and Biosystems Engineering, 2004, 26, 287-293.	3.4	27
276	Environmental performance of a municipal wastewater treatment plant. International Journal of Life Cycle Assessment, 2004, 9, 261.	4.7	116
277	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
278	Fungal Bioreactors: Applications to White-Rot Fungi. Reviews in Environmental Science and Biotechnology, 2003, 2, 247-259.	8.1	30
279	Semipilot-scale bleaching of Kraft pulp with manganese peroxide. Wood Science and Technology, 2003, 37, 117-123.	3.2	20
280	Covalent immobilisation of manganese peroxidases (MnP) from Phanerochaete chrysosporium and Bjerkandera sp. BOS55. Enzyme and Microbial Technology, 2003, 32, 769-775.	3.2	38
281	Oxidative Degradation of Azo Dyes by Manganese Peroxidase under Optimized Conditions. Biotechnology Progress, 2003, 19, 325-331.	2.6	90
282	Simplified life cycle assessment of galician milk production. International Dairy Journal, 2003, 13, 783-796.	3.0	167
283	Enzymatic membrane reactors for biodegradation of recalcitrant compounds. Application to dye decolourisation. Journal of Biotechnology, 2002, 99, 249-257.	3.8	90
284	Biodegradation of a polymeric dye in a pulsed bed bioreactor by immobilised Phanerochaete chrysosporium. Water Research, 2002, 36, 1896-1901.	11.3	61
285	Effect of Heavy Metals on the Degradative Activity by Wood-Rotting Fungi. Bulletin of Environmental Contamination and Toxicology, 2002, 68, 752-759.	2.7	6
286	Title is missing!. Biotechnology Letters, 2002, 24, 791-794.	2.2	7
287	A packed-bed fungal bioreactor for the continuous decolourisation of azo-dyes (Orange II). Journal of Biotechnology, 2001, 89, 99-106.	3.8	95
288	Oxidation of lignin in eucalyptus kraft pulp by manganese peroxidase from Bjerkandera sp. strain BOS55. Bioresource Technology, 2001, 78, 71-79.	9.6	25

#	Article	IF	Citations
289	In vitro degradation of a polymeric dye (Poly Râ€478) by manganese peroxidase. Biotechnology and Bioengineering, 2001, 75, 362-368.	3.3	79
290	Evaluation of different fungal strains in the decolourisation of synthetic dyes. Biotechnology Letters, 2000, 22, 1499-1503.	2.2	89
291	Manganese peroxidase production by Bjerkandera sp. BOS55. Bioprocess and Biosystems Engineering, 2000, 23, 657-661.	3.4	24
292	Manganese Peroxidase production by Bjerkandera sp. BOS55. Bioprocess and Biosystems Engineering, 2000, 23, 663-667.	3.4	14
293	Reevaluation of the manganese requirement for the biobleaching of kraft pulp by white rot fungi. Bioresource Technology, 1999, 70, 255-260.	9.6	14
294	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
295	Strategies for the continuous production of ligninolytic enzymes in fixed and fluidised bed bioreactors. Journal of Biotechnology, 1998, 66, 27-39.	3.8	55
296	Role of Organic Acids in the Manganese-Independent Biobleaching System of Bjerkandera sp. Strain BOS55. Applied and Environmental Microbiology, 1998, 64, 2409-2417.	3.1	38
297	Biobleaching of oxygen delignified kraft pulp by several white rot fungal strains. Journal of Biotechnology, 1997, 53, 237-251.	3.8	72
298	Enhanced catalytic properties of MnP by exogenous addition of manganese and hydrogen peroxide. Biotechnology Letters, 1997, 19, 263-268.	2.2	18
299	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
300	Continuous production of manganese peroxidase byPhanerochaete chrysosporium immobilized on polyurethane foam in a pulsed packed-bed bioreactor. , 1997, 56, 130-137.		29
301	Manganese Is Not Required for Biobleaching of Oxygen-Delignified Kraft Pulp by the White Rot Fungus Bjerkandera sp. Strain BOS55. Applied and Environmental Microbiology, 1997, 63, 1749-1755.	3.1	26
302	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
303	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
304	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
305	Immobilization of Aspergillus niger and Phanerochaete chrysosporium on polyurethane foam.. Progress in Biotechnology, 1996, , 132-135.	0.2	4
306	Production of Manganese Peroxidase by free pellets ofPhanerochaete chrysosporium in an Expanded-Bed Bioreactor. Biotechnology Letters, 1995, 9, 371-376.	0.5	11

#	Article	IF	Citations
307	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
308	Sodium inhibition in the anaerobic digestion process: Antagonism and adaptation phenomena. Enzyme and Microbial Technology, 1995, 17, 180-188.	3.2	221
309	Effect of addition of extracellular culture fluid on ligninolytic enzyme formation in Phanerochaete chrysosporium. Journal of Biotechnology, 1995, 40, 21-29.	3.8	11
310	Production of lignin peroxidase by Phanerochaete chrysosporium in a packed bed bioreactor operated in semi-continuous mode. Journal of Biotechnology, 1995, 42, 247-253.	3.8	29
311	Production of lignin peroxidase fromPhanerochaete chrysosporium in a packed bed bioreactor with recycling. Biotechnology Letters, 1994, 8, 363-368.	0.5	11
312	Screening for ligninolytic fungi applicable to the biodegradation of xenobiotics. Trends in Biotechnology, 1993, 11, 44-49.	9.3	304