

# Gumersindo Feijoo

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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

309  
papers

10,537  
citations

58  
h-index

83  
g-index

319  
ext. papers

11,935  
ext. citations

6.9  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
309	A xestiñ da auga nos fogares Ñnha condiñ sine qua non da cidade sustentbel do futuro. <i>Revista Internacional De Comunicaciñ Y Desarrollo (RICD)</i> , <b>2022</b> , 4, 120-131	1.7	0
308	Waste biorefinery towards a sustainable biotechnological production of pediocin: Synergy between process simulation and environmental assessment. <i>Environmental Technology and Innovation</i> , <b>2022</b> , 26, 102306	7	1
307	Sustainable non-isocyanate polyurethanes bio-adhesives for engineered wood panels are revealed as promising candidates to move from formaldehyde-based alternatives. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107053	6.8	4
306	Renewable carbon opportunities in the production of succinic acid applying attributional and consequential modelling. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 132011	14.7	0
305	Achieving Sustainability of the Seafood Sector in the European Atlantic Area by Addressing Eco-Social Challenges: The NEPTUNUS Project. <i>Sustainability</i> , <b>2022</b> , 14, 3054	3.6	0
304	Environmental comparison of banana waste valorisation strategies under a biorefinery approach.. <i>Waste Management</i> , <b>2022</b> , 142, 77-87	8.6	1
303	Exploring the potential of antioxidants from fruits and vegetables and strategies for their recovery. <i>Innovative Food Science and Emerging Technologies</i> , <b>2022</b> , 77, 102974	6.8	3
302	Modelling and Environmental Profile Associated with the Valorization of Wheat Straw as Carbon Source in the Biotechnological Production of Manganese Peroxidase. <i>Sustainability</i> , <b>2022</b> , 14, 4842	3.6	0
301	Co-benefits of the EAT-Lancet diet for environmental protection in the framework of the Spanish dietary pattern.. <i>Science of the Total Environment</i> , <b>2022</b> , 155683	10.2	0
300	Environmental synergies in decentralized wastewater treatment at a hotel resort. <i>Journal of Environmental Management</i> , <b>2022</b> , 317, 115392	7.9	1
299	How decentralized treatment can contribute to the symbiosis between environmental protection and resource recovery. <i>Science of the Total Environment</i> , <b>2021</b> , 812, 151485	10.2	5
298	Environmental footprint of critical agro-export products in the Peruvian hyper-arid coast: A case study for green asparagus and avocado. <i>Science of the Total Environment</i> , <b>2021</b> , 151686	10.2	0
297	Encompassing health and nutrition with the adherence to the environmentally sustainable New Nordic Diet in Southern Europe. <i>Journal of Cleaner Production</i> , <b>2021</b> , 327, 129470	10.3	2
296	Exploiting the Potential of Supported Magnetic Nanomaterials as Fenton-Like Catalysts for Environmental Applications. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	5
295	Driving commitment to sustainable food policies within the framework of American and European dietary guidelines. <i>Science of the Total Environment</i> , <b>2021</b> , 807, 150894	10.2	4
294	Screening the environmental sustainability of microbial production of butyric acid produced from lignocellulosic waste streams. <i>Industrial Crops and Products</i> , <b>2021</b> , 162, 113280	5.9	6
293	Environmental assessment of menus for toddlers serviced at nursery canteen following the Atlantic diet recommendations. <i>Science of the Total Environment</i> , <b>2021</b> , 770, 145342	10.2	2

292	Environmental consequences of wheat-based crop rotation in potato farming systems in Galicia, Spain. <i>Journal of Environmental Management</i> , <b>2021</b> , 287, 112351	7.9	1
291	Evaluation of Starch as an Environmental-Friendly Bioresource for the Development of Wood Bioadhesives. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
290	Defining a procedure to identify key sustainability indicators in Spanish urban systems: Development and application. <i>Sustainable Cities and Society</i> , <b>2021</b> , 70, 102919	10.1	3
289	Pursuing the route to eco-efficiency in dairy production: The case of Galician area. <i>Journal of Cleaner Production</i> , <b>2021</b> , 285, 124861	10.3	10
288	Environmental and nutritional profile of food consumption patterns in the different climatic zones of Spain. <i>Journal of Cleaner Production</i> , <b>2021</b> , 279, 123580	10.3	6
287	Eco-efficiency of a marine biorefinery for valorization of cartilaginous fish biomass. <i>Journal of Industrial Ecology</i> , <b>2021</b> , 25, 789-801	7.2	5
286	Could the economic crisis explain the reduction in the carbon footprint of food? Evidence from Spain in the last decade. <i>Science of the Total Environment</i> , <b>2021</b> , 755, 142680	10.2	5
285	Evaluating the carbon footprint of a Spanish city through environmentally extended input output analysis and comparison with life cycle assessment. <i>Science of the Total Environment</i> , <b>2021</b> , 762, 143133	10.2	6
284	Environmental profile of the municipality of Madrid through the methodologies of Urban Metabolism and Life Cycle Analysis. <i>Sustainable Cities and Society</i> , <b>2021</b> , 64, 102546	10.1	4
283	Life cycle assessment of fish and seafood processed products - A review of methodologies and new challenges. <i>Science of the Total Environment</i> , <b>2021</b> , 761, 144094	10.2	18
282	Benchmarking environmental and economic indicators of sludge management alternatives aimed at enhanced energy efficiency and nutrient recovery. <i>Journal of Environmental Management</i> , <b>2021</b> , 279, 111594	7.9	7
281	Establishing the multi-criteria roadmap and metrics for the evaluation of active films for food packaging. <i>Current Research in Green and Sustainable Chemistry</i> , <b>2021</b> , 4, 100160	4.1	1
280	Inventory review and environmental evaluation of first- and second-generation sugars through life cycle assessment. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 27345-27361	5.1	8
279	Reusable FeO/SBA15 Nanocomposite as an Efficient Photo-Fenton Catalyst for the Removal of Sulfamethoxazole and Orange II. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	4
278	Environmental benefits of soy-based bio-adhesives as an alternative to formaldehyde-based options. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 29781-29794	5.1	8
277	Is the Paleo diet safe for health and the environment?. <i>Science of the Total Environment</i> , <b>2021</b> , 781, 146717	7.2	2
276	Identifying the sustainability route of asparagus co-product extraction: From waste to bioactive compounds. <i>Food and Bioproducts Processing</i> , <b>2021</b> , 129, 176-189	4.9	0
275	Multi-product strategy to enhance the environmental profile of the canning industry towards circular economy. <i>Science of the Total Environment</i> , <b>2021</b> , 791, 148249	10.2	3

274	Process and environmental simulation in the validation of the biotechnological production of nisin from waste. <i>Biochemical Engineering Journal</i> , <b>2021</b> , 174, 108105	4.2	3
273	Eco-efficiency assessment of shrimp aquaculture production in Mexico. <i>Aquaculture</i> , <b>2021</b> , 544, 737145	4.4	4
272	Identification of environmental aspects of citrus waste valorization into D-limonene from a biorefinery approach. <i>Biomass and Bioenergy</i> , <b>2020</b> , 143, 105844	5.3	6
271	What is the best scale for implementing anaerobic digestion according to environmental and economic indicators?. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 35, 101235	6.7	7
270	Environmental Implications of Discarding Fish in Northern Spanish Coastal Bottom Otter Trawl Fisheries. <i>Fisheries</i> , <b>2020</b> , 45, 359-368	1.1	
269	Revisi3n sobre las caracter3sticas metodol3gicas y la eficacia de intervenciones orientadas a reducir el consumo de agua. <i>Universitas Psychologica</i> , <b>2020</b> , 18, 1-15	0.5	
268	Environmental profile of decentralized wastewater treatment strategies based on membrane technologies <b>2020</b> , 259-287		2
267	Environmental analysis of servicing centralised and decentralised wastewater treatment for population living in neighbourhoods. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 37, 101469	6.7	12
266	Unraveling the environmental impacts of bioactive compounds and organic amendment from grape marc. <i>Journal of Environmental Management</i> , <b>2020</b> , 272, 111066	7.9	5
265	Cradle-to-gate Life Cycle Assessment of bio-adhesives for the wood panel industry. A comparison with petrochemical alternatives. <i>Science of the Total Environment</i> , <b>2020</b> , 738, 140357	10.2	26
264	Unravelling the environmental and economic impacts of innovative technologies for the enhancement of biogas production and sludge management in wastewater systems. <i>Journal of Environmental Management</i> , <b>2020</b> , 270, 110965	7.9	10
263	Addressing challenges and opportunities of the European seafood sector under a circular economy framework. <i>Current Opinion in Environmental Science and Health</i> , <b>2020</b> , 13, 101-106	8.1	28
262	Life cycle assessment of autochthonous varieties of wheat and artisanal bread production in Galicia, Spain. <i>Science of the Total Environment</i> , <b>2020</b> , 713, 136720	10.2	7
261	Fenton and Photo-Fenton Nanocatalysts Revisited from the Perspective of Life Cycle Assessment. <i>Catalysts</i> , <b>2020</b> , 10, 23	4	12
260	Turning waste management into a carbon neutral activity: Practical demonstration in a medium-sized European city. <i>Science of the Total Environment</i> , <b>2020</b> , 728, 138843	10.2	7
259	Nano-based technologies for environmental soil remediation <b>2020</b> , 307-331		1
258	Environmental assessment of viticulture waste valorisation through composting as a biofertilisation strategy for cereal and fruit crops. <i>Environmental Pollution</i> , <b>2020</b> , 264, 114794	9.3	18
257	Technoeconomic analysis, life cycle assessment and economic analysis of wastewater and sludge treatment systems <b>2020</b> , 85-114		

256	Production of flavonol quercetin and fructooligosaccharides from onion ( <i>Allium cepa</i> L.) waste: An environmental life cycle approach. <i>Chemical Engineering Journal</i> , <b>2020</b> , 392, 123772	14.7	16
255	Enhanced Photocatalytic Activity of Semiconductor Nanocomposites Doped with Ag Nanoclusters Under UV and Visible Light. <i>Catalysts</i> , <b>2020</b> , 10, 31	4	6
254	BECCS based on bioethanol from wood residues: Potential towards a carbon-negative transport and side-effects. <i>Applied Energy</i> , <b>2020</b> , 279, 115884	10.7	18
253	Linking organic matter removal and biogas yield in the environmental profile of innovative wastewater treatment technologies. <i>Journal of Cleaner Production</i> , <b>2020</b> , 276, 124292	10.3	6
252	Assessing the sustainability dimension at local scale: Case study of Spanish cities. <i>Ecological Indicators</i> , <b>2020</b> , 117, 106687	5.8	14
251	Iron oxide-mediated photo-Fenton catalysis in the inactivation of enteric bacteria present in wastewater effluents at neutral pH. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115181	9.3	9
250	Fostering environmental awareness towards responsible food consumption and reduced food waste in chemical engineering students. <i>Education for Chemical Engineers</i> , <b>2020</b> , 33, 27-35	2.4	7
249	Evaluating the Portuguese diet in the pursuit of a lower carbon and healthier consumption pattern. <i>Climatic Change</i> , <b>2020</b> , 162, 2397-2409	4.5	3
248	Towards improving the sustainability of bioplastics: Process modelling and life cycle assessment of two separation routes for 2,5-furandicarboxylic acid. <i>Separation and Purification Technology</i> , <b>2020</b> , 233, 116056	8.3	20
247	Efficiency assessment of diets in the Spanish regions: A multi-criteria cross-cutting approach. <i>Journal of Cleaner Production</i> , <b>2020</b> , 242, 118491	10.3	10
246	Reprint of: Education of chemical engineering in Spain: A global picture. <i>Education for Chemical Engineers</i> , <b>2019</b> , 26, 2-7	2.4	1
245	Embedding environmental, economic and social indicators in the evaluation of the sustainability of the municipalities of Galicia (northwest of Spain). <i>Journal of Cleaner Production</i> , <b>2019</b> , 234, 27-42	10.3	30
244	Environmental implications of biohydrogen based energy production from steam reforming of alcoholic waste. <i>Industrial Crops and Products</i> , <b>2019</b> , 138, 111465	5.9	7
243	Linking environmental sustainability and nutritional quality of the Atlantic diet recommendations and real consumption habits in Galicia (NW Spain). <i>Science of the Total Environment</i> , <b>2019</b> , 683, 71-79	10.2	19
242	Integrated evaluation of wine lees valorization to produce value-added products. <i>Waste Management</i> , <b>2019</b> , 95, 70-77	8.6	14
241	Regionalizing eco-toxicity characterization factors for copper soil emissions considering edaphic information for Northern Spain and Portuguese vineyards. <i>Science of the Total Environment</i> , <b>2019</b> , 686, 986-994	10.2	3
240	Environmental Concerns on the Production of Value-Added Bioproducts From Residual Renewable Sources <b>2019</b> , 339-353		1
239	Towards an environmentally sustainable and healthy Atlantic dietary pattern: Life cycle carbon footprint and nutritional quality. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 704-715	10.2	35

238	Potential impact on the recruitment of chemical engineering graduates due to the industrial internship. <i>Education for Chemical Engineers</i> , <b>2019</b> , 26, 107-113	2.4	6
237	Cross-country comparison on environmental impacts of particleboard production in Brazil and Spain. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 150, 104434	11.9	6
236	Assessing the environmental sustainability of glucose from wheat as a fermentation feedstock. <i>Journal of Environmental Management</i> , <b>2019</b> , 247, 323-332	7.9	12
235	Looking beyond the banning of lightweight bags: analysing the role of plastic (and fuel) impacts in waste collection at a Portuguese city. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 35629-35647	5.1	8
234	Energy Footprint of Biorefinery Schemes. <i>Environmental Footprints and Eco-design of Products and Processes</i> , <b>2019</b> , 1-45	0.9	1
233	Addressing Environmental Criteria and Energy Footprint in the Selection of Feedstocks for Bioenergy Production. <i>Environmental Footprints and Eco-design of Products and Processes</i> , <b>2019</b> , 1-46	0.9	2
232	Water Footprint of a Decentralised Wastewater Treatment Strategy Based on Membrane Technology. <i>Environmental Footprints and Eco-design of Products and Processes</i> , <b>2019</b> , 85-119	0.9	5
231	Life Cycle Assessment of Renewable Energy Production from Biomass. <i>Green Energy and Technology</i> , <b>2019</b> , 81-98	0.6	3
230	Development of a Novel Magnetic Reactor Based on Nanostructured Fe <sub>3</sub> O <sub>4</sub> @PAA as Heterogenous Fenton Catalyst. <i>Catalysts</i> , <b>2019</b> , 9, 18	4	5
229	Integrating uncertainties to the combined environmental and economic assessment of algal biorefineries: A Monte Carlo approach. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 762-775	10.2	27
228	Estimating Carbon Footprint Under an Intensive Aquaculture Regime <b>2018</b> , 249-263		1
227	Environmental and sustainability evaluation of livestock waste management practices in Cyprus. <i>Science of the Total Environment</i> , <b>2018</b> , 634, 127-140	10.2	14
226	Assessing the sustainability of Spanish cities considering environmental and socio-economic indicators. <i>Journal of Cleaner Production</i> , <b>2018</b> , 178, 599-610	10.3	46
225	Development of a Superparamagnetic Laccase Nanobiocatalyst for the Enzymatic Biotransformation of Xenobiotics. <i>Journal of Environmental Engineering, ASCE</i> , <b>2018</b> , 144, 04018007	2	6
224	Integrating Urban Metabolism, Material Flow Analysis and Life Cycle Assessment in the environmental evaluation of Santiago de Compostela. <i>Sustainable Cities and Society</i> , <b>2018</b> , 40, 569-580	10.1	26
223	Sequential reactors for the removal of endocrine disrupting chemicals by laccase immobilized onto fumed silica microparticles. <i>Biocatalysis and Biotransformation</i> , <b>2018</b> , 36, 254-264	2.5	13
222	Enzymatic reactors for the removal of recalcitrant compounds in wastewater. <i>Biocatalysis and Biotransformation</i> , <b>2018</b> , 36, 195-215	2.5	11
221	Dynamic environmental efficiency assessment for wastewater treatment plants. <i>International Journal of Life Cycle Assessment</i> , <b>2018</b> , 23, 357-367	4.6	34

220	Polymerization of coniferyl alcohol by Mn -mediated (enzymatic) oxidation: Effects of H O concentration, aqueous organic solvents, and pH. <i>Biotechnology Progress</i> , <b>2018</b> , 34, 81-90	2.8	2
219	Education of chemical engineering in Spain: A global picture. <i>Education for Chemical Engineers</i> , <b>2018</b> , 24, 27-31	2.4	5
218	Bottom-up approach in the assessment of environmental impacts and costs of an innovative anammox-based process for nitrogen removal. <i>Journal of Environmental Management</i> , <b>2018</b> , 225, 112-119	7.9	8
217	Comparative environmental assessment of alternative waste management strategies in developing regions: A case study in Kazakhstan. <i>Waste Management and Research</i> , <b>2018</b> , 36, 689-697	4	18
216	Comparative evaluation of lignocellulosic biorefinery scenarios under a life-cycle assessment approach. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2018</b> , 12, 1047-1064	5.3	20
215	Carbon footprint and nutritional quality of different human dietary choices. <i>Science of the Total Environment</i> , <b>2018</b> , 644, 77-94	10.2	87
214	Fresh milk supply through vending machines: Consumption patterns and associated environmental impacts. <i>Sustainable Production and Consumption</i> , <b>2018</b> , 15, 119-130	8.2	14
213	Sustainability Assessment of Blue Biotechnology Processes: Addressing Environmental, Social and Economic Dimensions <b>2018</b> , 475-486		5
212	Assessing water footprint in a wine appellation: A case study for Ribeiro in Galicia, Spain. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 2097-2107	10.3	20
211	Environmental and water sustainability of milk production in Northeast Spain. <i>Science of the Total Environment</i> , <b>2018</b> , 616-617, 1317-1329	10.2	21
210	Gamestorming for the Conceptual Design of Products and Processes in the context of engineering education. <i>Education for Chemical Engineers</i> , <b>2018</b> , 22, 44-52	2.4	10
209	Environmental sustainability assessment of HMF and FDCA production from lignocellulosic biomass through life cycle assessment (LCA). <i>Holzforschung</i> , <b>2018</b> , 73, 105-115	2	15
208	A novel enzyme catalysis reactor based on superparamagnetic nanoparticles for biotechnological applications. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 5950-5960	6.8	5
207	Comparative life cycle assessment of different synthesis routes of magnetic nanoparticles. <i>Journal of Cleaner Production</i> , <b>2017</b> , 143, 528-538	10.3	34
206	Diffuse methane emissions abatement by organic and inorganic packed biofilters: Assessment of operational and environmental indicators. <i>Journal of Cleaner Production</i> , <b>2017</b> , 143, 1191-1202	10.3	14
205	Comparative life cycle assessment of real pilot reactors for microalgae cultivation in different seasons. <i>Applied Energy</i> , <b>2017</b> , 205, 1151-1164	10.7	48
204	The prospective use of biochar as adsorption matrix - A review from a lifecycle perspective. <i>Bioresource Technology</i> , <b>2017</b> , 246, 135-141	11	72
203	Life cycle assessment of in situ mariculture in the Mediterranean Sea for the production of bioactive compounds from the sponge <i>Sarcotragus spinosulus</i> . <i>Journal of Cleaner Production</i> , <b>2017</b> , 142, 4356-4368	10.3	12

202	Implementation of linear programming and life cycle approach in an Excel application to determine ecoefficiency. <i>Computer Aided Chemical Engineering</i> , <b>2017</b> , 40, 2731-2736	0.6	1
201	Formulation of Laccase Nanobiocatalysts Based on Ionic and Covalent Interactions for the Enhanced Oxidation of Phenolic Compounds. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 851	2.6	13
200	Benchmarking wastewater treatment plants under an eco-efficiency perspective. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 468-479	10.2	74
199	Fostering the action of versatile peroxidase as a highly efficient biocatalyst for the removal of endocrine disrupting compounds. <i>New Biotechnology</i> , <b>2016</b> , 33, 187-95	6.4	23
198	Sustainable Design of Packaging Materials. <i>Environmental Footprints and Eco-design of Products and Processes</i> , <b>2016</b> , 23-46	0.9	3
197	Opportunities and challenges of implementing life cycle assessment in seafood certification: a case study for Spain. <i>International Journal of Life Cycle Assessment</i> , <b>2016</b> , 21, 451-464	4.6	14
196	Environmental performance of biomass refining into high-added value compounds. <i>Journal of Cleaner Production</i> , <b>2016</b> , 120, 170-180	10.3	36
195	Beyond the conventional life cycle inventory in wastewater treatment plants. <i>Science of the Total Environment</i> , <b>2016</b> , 553, 71-82	10.2	66
194	Assessing the use of nanoimmobilized laccases to remove micropollutants from wastewater. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 3217-28	5.1	41
193	Environmental life cycle optimization of essential terpene oils produced by the macroalga <i>Ochtodes secundiramea</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 542, 292-305	10.2	12
192	COMPARATIVE LIFE CYCLE ASSESSMENT STUDY OF THREE WINTER WHEAT PRODUCTION SYSTEMS IN THE EUROPEAN UNION. <i>Environmental Engineering and Management Journal</i> , <b>2016</b> , 15, 1755-1766 <sup>2</sup>	0.6	2
191	Environmental performance of sorghum, barley and oat silage production for livestock feed using life cycle assessment. <i>Resources, Conservation and Recycling</i> , <b>2016</b> , 111, 28-41	11.9	20
190	Environmental sustainability of bark valorisation into biofoam and syngas. <i>Journal of Cleaner Production</i> , <b>2016</b> , 125, 33-43	10.3	20
189	Continuous removal of nonylphenol by versatile peroxidase in a two-stage membrane bioreactor. <i>Applied Biochemistry and Biotechnology</i> , <b>2015</b> , 175, 3038-47	3.2	15
188	Development of urban solar infrastructure to support low-carbon mobility. <i>Energy Policy</i> , <b>2015</b> , 85, 102-114	11.4	9
187	Potentiality of a ceramic membrane reactor for the laccase-catalyzed removal of bisphenol A from secondary effluents. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 9299-308	5.7	27
186	Accounting for time-dependent changes in GHG emissions in the Ribeiro appellation (NW Spain): Are land use changes an important driver?. <i>Environmental Science and Policy</i> , <b>2015</b> , 51, 215-227	6.2	14
185	Environmental assessment of farm-scaled anaerobic co-digestion for bioenergy production. <i>Waste Management</i> , <b>2015</b> , 41, 50-9	8.6	34



184	Cross-vessel eco-efficiency analysis. A case study for purse seining fishing from North Portugal targeting European pilchard. <i>International Journal of Life Cycle Assessment</i> , <b>2015</b> , 20, 1019-1032	4.6	17
183	Enzymatic technologies for remediation of hydrophobic organic pollutants in soil. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 8815-29	5.7	41
182	Coupling extraction and enzyme catalysis for the removal of anthracene present in polluted soils. <i>Biochemical Engineering Journal</i> , <b>2015</b> , 93, 289-293	4.2	9
181	Selection of odour removal technologies in wastewater treatment plants: a guideline based on Life Cycle Assessment. <i>Journal of Environmental Management</i> , <b>2015</b> , 149, 77-84	7.9	52
180	Eco-efficiency analysis of Spanish WWTPs using the LCA + DEA method. <i>Water Research</i> , <b>2015</b> , 68, 651-662.5	14.6	
179	Continuous removal of endocrine disruptors by versatile peroxidase using a two-stage system. <i>Biotechnology Progress</i> , <b>2015</b> , 31, 908-16	2.8	24
178	Edible protein energy return on investment ratio (ep-EROI) for Spanish seafood products. <i>Ambio</i> , <b>2014</b> , 43, 381-94	6.5	23
177	Comparative environmental assessment of valorization strategies of the invasive macroalgae <i>Sargassum muticum</i> . <i>Bioresource Technology</i> , <b>2014</b> , 161, 137-48	11	44
176	Divergences on the environmental impact associated to the production of maritime pine wood in Europe: French and Portuguese case studies. <i>Science of the Total Environment</i> , <b>2014</b> , 472, 324-37	10.2	19
175	Life cycle assessment of the production of bioactive compounds from <i>Tetraselmis suecica</i> at pilot scale. <i>Journal of Cleaner Production</i> , <b>2014</b> , 64, 323-331	10.3	43
174	Modeling the leachate flow and aggregated emissions from municipal waste landfills under life cycle thinking in the Oceanic region of the Iberian Peninsula. <i>Journal of Cleaner Production</i> , <b>2014</b> , 67, 98-106	10.3	19
173	Environmental solutions for the sustainable production of bioactive natural products from the marine sponge <i>Crambe crambe</i> . <i>Science of the Total Environment</i> , <b>2014</b> , 475, 71-82	10.2	13
172	PPCPs in wastewater Update and calculation of characterization factors for their inclusion in LCA studies. <i>Journal of Cleaner Production</i> , <b>2014</b> , 83, 245-255	10.3	46
171	Life Cycle Assessment of broiler chicken production: a Portuguese case study. <i>Journal of Cleaner Production</i> , <b>2014</b> , 74, 125-134	10.3	68
170	Life Cycle Assessment of electricity production in Italy from anaerobic co-digestion of pig slurry and energy crops. <i>Renewable Energy</i> , <b>2014</b> , 68, 625-635	8.1	92
169	Vegetable oils as NAPLs in two phase partitioning bioreactors for the degradation of anthracene by laccase. <i>Chemical Engineering Journal</i> , <b>2014</b> , 240, 281-289	14.7	17
168	Life cycle assessment of European pilchard ( <i>Sardina pilchardus</i> ) consumption. A case study for Galicia (NW Spain). <i>Science of the Total Environment</i> , <b>2014</b> , 475, 48-60	10.2	32
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24	Manganese peroxidase production by <i>Bjerkandera</i> sp. BOS55. <i>Bioprocess and Biosystems Engineering</i> , <b>2000</b> , 23, 657-661	3.7	18
23	Manganese Peroxidase production by <i>Bjerkandera</i> sp. BOS55. <i>Bioprocess and Biosystems Engineering</i> , <b>2000</b> , 23, 663-667	3.7	13

22	Reevaluation of the manganese requirement for the biobleaching of kraft pulp by white rot fungi. <i>Bioresource Technology</i> , <b>1999</b> , 70, 255-260	11	12
21	Use of cheese whey as a substrate to produce manganese peroxidase by <i>Bjerkandera</i> sp BOS55. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>1999</b> , 23, 86-90	4.2	26
20	Strategies for the continuous production of ligninolytic enzymes in fixed and fluidised bed bioreactors. <i>Journal of Biotechnology</i> , <b>1998</b> , 66, 27-39	3.7	42
19	Role of Organic Acids in the Manganese-Independent Biobleaching System of <i>Bjerkandera</i> sp. Strain BOS55. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 2409-17	4.8	35
18	Biobleaching of oxygen delignified kraft pulp by several white rot fungal strains. <i>Journal of Biotechnology</i> , <b>1997</b> , 53, 237-251	3.7	69
17	Enhanced catalytic properties of MnP by exogenous addition of manganese and hydrogen peroxide. <i>Biotechnology Letters</i> , <b>1997</b> , 19, 263-268	3	9
16	Decolorization of ion-exchange effluents derived from sugar-mill operations by <i>Bjerkandera</i> sp. BOS55. <i>International Biodeterioration and Biodegradation</i> , <b>1997</b> , 40, 125-129	4.8	4
15	Continuous production of manganese peroxidase by <i>Phanerochaete chrysosporium</i> immobilized on polyurethane foam in a pulsed packed-bed bioreactor. <i>Biotechnology and Bioengineering</i> , <b>1997</b> , 56, 130-139	4.9	23
14	Manganese Is Not Required for Biobleaching of Oxygen-Delignified Kraft Pulp by the White Rot Fungus <i>Bjerkandera</i> sp. Strain BOS55. <i>Applied and Environmental Microbiology</i> , <b>1997</b> , 63, 1749-55	4.8	21
13	Effect of pulsation on morphology of <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> in a fluidized-bed reactor. <i>Progress in Biotechnology</i> , <b>1996</b> , 518-523		1
12	Control of pellet morphology of filamentous fungi in fluidized bed bioreactors by means of a pulsing flow. Application to <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> . <i>Enzyme and Microbial Technology</i> , <b>1996</b> , 19, 261-6	3.8	43
11	Oxalic acid extraction as a posttreatment to increase the brightness of kraft pulps bleached by white-rot fungi. <i>Biotechnology Letters</i> , <b>1996</b> , 10, 559-564		6
10	Immobilization of <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i> on polyurethane foam.. <i>Progress in Biotechnology</i> , <b>1996</b> , 132-135		3
9	Production of Manganese Peroxidase by free pellets of <i>Phanerochaete chrysosporium</i> in an Expanded-Bed Bioreactor. <i>Biotechnology Letters</i> , <b>1995</b> , 9, 371-376		7
8	Degradation of high molecular weight compounds of Kraft pulp mill effluents by a combined treatment with fungi and bacteria. <i>Biotechnology Letters</i> , <b>1995</b> , 17, 1261-1266	3	19
7	Sodium inhibition in the anaerobic digestion process: Antagonism and adaptation phenomena. <i>Enzyme and Microbial Technology</i> , <b>1995</b> , 17, 180-188	3.8	191
6	Effect of addition of extracellular culture fluid on ligninolytic enzyme formation in <i>Phanerochaete chrysosporium</i> . <i>Journal of Biotechnology</i> , <b>1995</b> , 40, 21-29	3.7	11
5	Production of lignin peroxidase by <i>Phanerochaete chrysosporium</i> in a packed bed bioreactor operated in semi-continuous mode. <i>Journal of Biotechnology</i> , <b>1995</b> , 42, 247-253	3.7	29

4	Production of lignin peroxidase from <i>Phanerochaete chrysosporium</i> in a packed bed bioreactor with recycling. <i>Biotechnology Letters</i> , <b>1994</b> , 8, 363-368		8
3	Screening for ligninolytic fungi applicable to the biodegradation of xenobiotics. <i>Trends in Biotechnology</i> , <b>1993</b> , 11, 44-49	15.1	281
2	Tannin-based bio-adhesives for the wood panel industry as sustainable alternatives to petrochemical resins. <i>Journal of Industrial Ecology</i> ,	7.2	4
1	Evaluation of the environmental sustainability of the inshore great scallop ( <i>Pecten maximus</i> ) fishery in Galicia. <i>Journal of Industrial Ecology</i> ,	7.2	2