

M Ftima Carvalho

List of Publications by Year in Descending Order

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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.

56

papers

1,158

citations

22

h-index

31

g-index

63

ext. papers

1,448

ext. citations

5.7

avg, IF

4.48

L-index

#	Paper	IF	Citations
56	Revisiting pesticide pollution: The case of fluorinated pesticides. <i>Environmental Pollution</i> , 2022 , 292, 118315	9.3	1
55	Valorization of Marine Waste: Use of Industrial By-Products and Beach Wrack Towards the Production of High Added-Value Products. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	6
54	Bioremediation of Petroleum Hydrocarbons in Seawater: Prospects of Using Lyophilized Native Hydrocarbon-Degrading Bacteria. <i>Microorganisms</i> , 2021 , 9,	4.9	1
53	Diversity and Hydrocarbon-Degrading Potential of Deep-Sea Microbial Community from the Mid-Atlantic Ridge, South of the Azores (North Atlantic Ocean). <i>Microorganisms</i> , 2021 , 9,	4.9	1
52	Optimization of an Autochthonous Bacterial Consortium Obtained from Beach Sediments for Bioremediation of Petroleum Hydrocarbons. <i>Water (Switzerland)</i> , 2021 , 13, 66	3	8
51	Atlas of the microbial degradation of fluorinated pesticides. <i>Critical Reviews in Biotechnology</i> , 2021 , 1-199.4		
50	Pharmaceutical Compounds in Aquatic Environments-Occurrence, Fate and Bioremediation Prospective. <i>Toxics</i> , 2021 , 9,	4.7	9
49	Combining Culture-Dependent and Independent Approaches for the Optimization of Epoxiconazole and Fludioxonil-Degrading Bacterial Consortia. <i>Microorganisms</i> , 2021 , 9,	4.9	1
48	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	16
47	Harnessing the Potential of Native Microbial Communities for Bioremediation of Oil Spills in the Iberian Peninsula NW Coast. <i>Frontiers in Microbiology</i> , 2021 , 12, 633659	5.7	5
46	Fish performance, intestinal bacterial community, digestive function and skin and fillet attributes during cold storage of gilthead seabream (<i>Sparus aurata</i>) fed diets supplemented with Gracilaria by-products. <i>Aquaculture</i> , 2021 , 541, 736808	4.4	4
45	SARS-CoV-2 RNA detected in urban wastewater from Porto, Portugal: Method optimization and continuous 25-week monitoring. <i>Science of the Total Environment</i> , 2021 , 792, 148467	10.2	10
44	Diversity and Bioactive Potential of Actinobacteria Isolated from a Coastal Marine Sediment in Northern Portugal. <i>Microorganisms</i> , 2020 , 8,	4.9	5
43	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	7
42	Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103881	6.8	6
41	Microbial degradation of two highly persistent fluorinated fungicides - epoxiconazole and fludioxonil. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122545	12.8	18
40	Culturable bacteria from two Portuguese salterns: diversity and bioactive potential. <i>Antonie Van Leeuwenhoek</i> , 2020 , 113, 459-475	2.1	1

39	Actinobacteria and Cyanobacteria Diversity in Terrestrial Antarctic Microenvironments Evaluated by Culture-Dependent and Independent Methods. <i>Frontiers in Microbiology</i> , 2019 , 10, 1018	5.7	22
38	Development of an autonomous biosampler to capture in situ aquatic microbiomes. <i>PLoS ONE</i> , 2019 , 14, e0216882	3.7	7
37	Actinobacteria Isolated From : A Source of New Bioactive Compounds. <i>Frontiers in Microbiology</i> , 2019 , 10, 683	5.7	34
36	Seed coating with inocula of arbuscular mycorrhizal fungi and plant growth promoting rhizobacteria for nutritional enhancement of maize under different fertilisation regimes. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 31-43	2	25
35	Biodegradation of oxytetracycline and enrofloxacin by autochthonous microbial communities from estuarine sediments. <i>Science of the Total Environment</i> , 2019 , 648, 962-972	10.2	37
34	Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. <i>Science of the Total Environment</i> , 2019 , 655, 796-806	10.2	12
33	Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. <i>Journal of Environmental Management</i> , 2019 , 231, 1145-1153	7.9	13
32	Biodegradation of the Antibiotics Oxytetracycline and Enrofloxacin by Microbial Communities from Douro Estuary (Portugal) Sediments. <i>Advances in Science, Technology and Innovation</i> , 2018 , 595-596	0.3	
31	Biodegradation of mono-, di- and trifluoroacetate by microbial cultures with different origins. <i>New Biotechnology</i> , 2018 , 43, 23-29	6.4	21
30	Natural production of fluorinated compounds and biotechnological prospects of the fluorinase enzyme. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 880-897	9.4	30
29	Biodegradation of the veterinary antibiotics enrofloxacin and ceftiofur and associated microbial community dynamics. <i>Science of the Total Environment</i> , 2017 , 581-582, 359-368	10.2	87
28	Increased protein content of chickpea (<i>Cicer arietinum</i> L.) inoculated with arbuscular mycorrhizal fungi and nitrogen-fixing bacteria under water deficit conditions. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 4379-4385	4.3	31
27	Endophytic Actinobacteria for Sustainable Agricultural Applications. <i>Sustainable Development and Biodiversity</i> , 2017 , 163-189	2.1	2
26	Improved grain yield of cowpea (<i>Vigna unguiculata</i>) under water deficit after inoculation with <i>Bradyrhizobium elkanii</i> and <i>Rhizophagus irregularis</i> . <i>Crop and Pasture Science</i> , 2017 , 68, 1052	2.2	20
25	Bacterial degradation of moxifloxacin in the presence of acetate as a bulk substrate. <i>Journal of Environmental Management</i> , 2016 , 168, 219-28	7.9	20
24	Arbuscular mycorrhizal fungi are an alternative to the application of chemical fertilizer in the production of the medicinal and aromatic plant <i>Coriandrum sativum</i> L. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016 , 79, 320-8	3.2	18
23	Mineralization of 4-fluorocinnamic acid by a <i>Rhodococcus</i> strain. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 1893-905	5.7	13
22	Biodegradation of fluoroanilines by the wild strain <i>Labrys portucalensis</i> . <i>International Biodeterioration and Biodegradation</i> , 2013 , 80, 10-15	4.8	24

21	Effect of the metals iron, copper and silver on fluorobenzene biodegradation by <i>Labrys portucalensis</i> . <i>Biodegradation</i> , 2013 , 24, 245-55	4.1	23
20	Degradation of difluorobenzenes by the wild strain <i>Labrys portucalensis</i> . <i>Biodegradation</i> , 2012 , 23, 653-671	4.1	23
19	Isolation and characterization of a <i>Rhodococcus</i> strain able to degrade 2-fluorophenol. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 511-20	5.7	31
18	Co-metabolic degradation of chlorobenzene by the fluorobenzene degrading wild strain <i>Labrys portucalensis</i> . <i>International Biodeterioration and Biodegradation</i> , 2012 , 72, 76-81	4.8	17
17	Microbial degradation of pharmaceuticals followed by a simple HPLC-DAD method. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012 , 47, 2151-8	2.3	9
16	2-fluorophenol degradation by aerobic granular sludge in a sequencing batch reactor. <i>Water Research</i> , 2011 , 45, 6745-52	12.5	60
15	Bioaugmentation of a rotating biological contactor for degradation of 2-fluorophenol. <i>Bioresource Technology</i> , 2011 , 102, 9300-3	11	24
14	<i>Chryseobacterium palustre</i> sp. nov. and <i>Chryseobacterium humi</i> sp. nov., isolated from industrially contaminated sediments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 402-407	2.2	26
13	Genetic, phenotypic and functional variation within a <i>Glomus geosporum</i> isolate cultivated with or without the stress of a highly alkaline anthropogenic sediment. <i>Applied Soil Ecology</i> , 2010 , 45, 39-48	5	16
12	Microbial degradation of 17beta -estradiol and 17alpha -ethinylestradiol followed by a validated HPLC-DAD method. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 265-73	2.2	17
11	Biological treatment of a contaminated gaseous emission from a leather industry in a suspended-growth bioreactor. <i>Chemosphere</i> , 2009 , 74, 232-8	8.4	10
10	Biodegradation of 2-fluorobenzoate and dichloromethane under simultaneous and sequential alternating pollutant feeding. <i>Water Research</i> , 2008 , 42, 3857-69	12.5	16
9	<i>Labrys portucalensis</i> sp. nov., a fluorobenzene-degrading bacterium isolated from an industrially contaminated sediment in northern Portugal. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 692-8	2.2	22
8	Adsorption of fluorobenzene onto granular activated carbon: isotherm and bioavailability studies. <i>Bioresource Technology</i> , 2007 , 98, 3424-30	11	32
7	Long-term performance and microbial dynamics of an up-flow fixed bed reactor established for the biodegradation of fluorobenzene. <i>Applied Microbiology and Biotechnology</i> , 2006 , 71, 555-62	5.7	15
6	Degradation of fluorobenzene by <i>Rhizobiales</i> strain F11 via ortho cleavage of 4-fluorocatechol and catechol. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 7413-7	4.8	37
5	Isolation and properties of a pure bacterial strain capable of fluorobenzene degradation as sole carbon and energy source. <i>Environmental Microbiology</i> , 2005 , 7, 294-8	5.2	52
4	Isolation and initial characterization of a bacterial consortium able to mineralize fluorobenzene. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 102-5	4.8	51

3	A GAC biofilm reactor for the continuous degradation of 4-chlorophenol: treatment efficiency and microbial analysis. <i>Applied Microbiology and Biotechnology</i> , 2001 , 57, 419-26	5-7	38
2	In situ corrosion control in industrial water systems. <i>Biodegradation</i> , 2000 , 11, 441-8	4-1	23
1	4-Chlorophenol degradation by a bacterial consortium: development of a granular activated carbon biofilm reactor. <i>Applied Microbiology and Biotechnology</i> , 1999 , 52, 722-9	5-7	99