

Ana F Miranda

List of Publications by Year in descending order

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32
papers

1,602
citations

471061

17
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Pollutants Sorbed to Ingested Microbeads from Personal Care Products Accumulate in Fish. <i>Environmental Science & Technology</i> , 2016, 50, 4037-4044.	4.6	378
2	Fungal-assisted algal flocculation: application in wastewater treatment and biofuel production. <i>Biotechnology for Biofuels</i> , 2015, 8, 24.	6.2	174
3	Co-Cultivation of Fungal and Microalgal Cells as an Efficient System for Harvesting Microalgal Cells, Lipid Production and Wastewater Treatment. <i>PLoS ONE</i> , 2014, 9, e113497.	1.1	159
4	Applications of microalgal biofilms for wastewater treatment and bioenergy production. <i>Biotechnology for Biofuels</i> , 2017, 10, 120.	6.2	122
5	Dual application of duckweed and azolla plants for wastewater treatment and renewable fuels and petrochemicals production. <i>Biotechnology for Biofuels</i> , 2014, 7, 30.	6.2	95
6	The Toxicity of Silver Nanoparticles (AgNPs) to Three Freshwater Invertebrates With Different Life Strategies: <i>Hydra vulgaris</i> , <i>Daphnia carinata</i> , and <i>Paratya australiensis</i> . <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	81
7	Aquatic plant <i>Azolla</i> as the universal feedstock for biofuel production. <i>Biotechnology for Biofuels</i> , 2016, 9, 221.	6.2	80
8	Microplastics alter digestive enzyme activities in the marine bivalve, <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2021, 779, 146418.	3.9	58
9	Application of Aquatic Plants for the Treatment of Selenium-Rich Mining Wastewater and Production of Renewable Fuels and Petrochemicals. <i>Journal of Sustainable Bioenergy Systems</i> , 2014, 04, 97-112.	0.2	47
10	Evaluating the efficacy of bioremediating a diesel-contaminated soil using ecotoxicological and bacterial community indices. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14809-14819.	2.7	42
11	Lipid production in association of filamentous fungi with genetically modified cyanobacterial cells. <i>Biotechnology for Biofuels</i> , 2015, 8, 179.	6.2	41
12	Foaming at the mouth: Ingestion of floral foam microplastics by aquatic animals. <i>Science of the Total Environment</i> , 2020, 705, 135826.	3.9	41
13	The toxicity of coated silver nanoparticles to <i>Daphnia carinata</i> and trophic transfer from alga <i>Raphidocelis subcapitata</i> . <i>PLoS ONE</i> , 2019, 14, e0214398.	1.1	38
14	Lipid production in aquatic plant <i>Azolla</i> at vegetative and reproductive stages and in response to abiotic stress. <i>Plant Physiology and Biochemistry</i> , 2018, 124, 117-125.	2.8	32
15	Differential Production of Phenolics, Lipids, Carbohydrates and Proteins in Stressed and Unstressed Aquatic Plants, <i>Azolla filiculoides</i> and <i>Azolla pinnata</i> . <i>Biology</i> , 2020, 9, 342.	1.3	27
16	Aquatic Plants, <i>Landoltia punctata</i> , and <i>Azolla filiculoides</i> as Bio-Converters of Wastewater to Biofuel. <i>Plants</i> , 2020, 9, 437.	1.6	25
17	Evaluating the non-lethal effects of organophosphorous and carbamate insecticides on the yabby (<i>Yabby</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overload</i> biomarkers. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 283-288.	2.9	20
18	The Nutritional and Pharmacological Potential of New Australian Thraustochytrids Isolated from Mangrove Sediments. <i>Marine Drugs</i> , 2020, 18, 151.	2.2	20

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19	Physicochemical Characteristics of Protein Isolated from Thraustochytrid Oilcake. <i>Foods</i> , 2020, 9, 779.	1.9	14
20	The toxicity of non-aged and aged coated silver nanoparticles to the freshwater shrimp <i>Paratya australiensis</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 1207-1222.	1.1	12
21	The toxicity of coated silver nanoparticles to the alga <i>Raphidocelis subcapitata</i> . <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	12
22	The use of <i>Daphnia magna</i> immobilization tests and soil microcosms to evaluate the toxicity of dredged sediments. <i>Journal of Soils and Sediments</i> , 2011, 11, 373-381.	1.5	11
23	The Toxicity of Nonaged and Aged Coated Silver Nanoparticles to Freshwater Alga <i>Raphidocelis subcapitata</i> . <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2371-2382.	2.2	11
24	Marine Protists and <i>Rhodotorula</i> Yeast as Bio-Convertors of Marine Waste into Nutrient-Rich Deposits for Mangrove Ecosystems. <i>Protist</i> , 2020, 171, 125738.	0.6	11
25	Effects of perfluorooctanoic acid (PFOA) on the thyroid status, vitellogenin, and antioxidant balance in the Murray River rainbowfish. <i>Ecotoxicology</i> , 2020, 29, 163-174.	1.1	10
26	Antagonistic effects of copper and microplastics in single and binary mixtures on development and reproduction in the freshwater cladoceran <i>Daphnia carinata</i> . <i>Environmental Technology and Innovation</i> , 2021, 24, 102045.	3.0	9
27	Assessing the potential for trace organic contaminants commonly found in Australian rivers to induce vitellogenin in the native rainbowfish (<i>Melanotaenia fluviatilis</i>) and the introduced mosquitofish (<i>Gambusia holbrooki</i>). <i>Aquatic Toxicology</i> , 2017, 185, 105-120.	1.9	8
28	Assessing interactive mixture toxicity of carbamate and organophosphorus insecticides in the yabby (<i>Cherax destructor</i>). <i>Ecotoxicology</i> , 2018, 27, 1217-1224.	1.1	8
29	Population- and sex-specific sensitivity of the marine amphipod <i>Allorchestes compressa</i> to metal exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111130.	2.9	6
30	Sub-organism (acetylcholinesterase activity), population (survival) and chemical concentration responses reinforce mechanisms of antagonism associated with malathion toxicity. <i>Science of the Total Environment</i> , 2021, 778, 146087.	3.9	5
31	Trends in bioaccumulation and metabolite profiles in Mediterranean mussels with sub lethal exposure to mixtures of trace metals. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106825.	3.3	4
32	<i>Potamopyrgus antipodarum</i> has the potential to detect effects from various land use activities on a freshwater ecosystem. <i>Environmental Pollution</i> , 2021, 287, 117563.	3.7	1