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List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,678
citations

236912

25
h-index

395678

33
g-index

37
all docs

37
docs citations

37
times ranked

3048
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 Pandemic Repercussions on the Use and Management of Plastics. <i>Environmental Science & Technology</i> , 2020, 54, 7760-7765.	10.0	649
2	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021, 405, 126683.	12.7	552
3	Rethinking and optimising plastic waste management under COVID-19 pandemic: Policy solutions based on redesign and reduction of single-use plastics and personal protective equipment. <i>Science of the Total Environment</i> , 2020, 742, 140565.	8.0	331
4	Solutions and Integrated Strategies for the Control and Mitigation of Plastic and Microplastic Pollution. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2411.	2.6	258
5	Influence of microplastics on the toxicity of the pharmaceuticals procainamide and doxycycline on the marine microalgae <i>Tetraselmis chuii</i> . <i>Aquatic Toxicology</i> , 2018, 197, 143-152.	4.0	230
6	Identifying a quick and efficient method of removing organic matter without damaging microplastic samples. <i>Science of the Total Environment</i> , 2019, 686, 131-139.	8.0	182
7	Contamination issues as a challenge in quality control and quality assurance in microplastics analytics. <i>Journal of Hazardous Materials</i> , 2021, 403, 123660.	12.4	155
8	A new approach for routine quantification of microplastics using Nile Red and automated software (MP-VAT). <i>Science of the Total Environment</i> , 2019, 690, 1277-1283.	8.0	149
9	A One Health perspective of the impacts of microplastics on animal, human and environmental health. <i>Science of the Total Environment</i> , 2021, 777, 146094.	8.0	130
10	Identification of microplastics in white wines capped with polyethylene stoppers using micro-Raman spectroscopy. <i>Food Chemistry</i> , 2020, 331, 127323.	8.2	95
11	The importance of contamination control in airborne fibers and microplastic sampling: Experiences from indoor and outdoor air sampling in Aveiro, Portugal. <i>Marine Pollution Bulletin</i> , 2020, 159, 111522.	5.0	88
12	Microplastics in landfill leachates: The need for reconnaissance studies and remediation technologies. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 3, 100072.	6.1	86
13	Worldwide contamination of fish with microplastics: A brief global overview. <i>Marine Pollution Bulletin</i> , 2020, 160, 111681.	5.0	77
14	Risks of Covid-19 face masks to wildlife: Present and future research needs. <i>Science of the Total Environment</i> , 2021, 792, 148505.	8.0	73
15	An easy method for processing and identification of natural and synthetic microfibers and microplastics in indoor and outdoor air. <i>MethodsX</i> , 2020, 7, 100762.	1.6	68
16	Effects of spatial and seasonal factors on the characteristics and carbonyl index of (micro)plastics in a sandy beach in Aveiro, Portugal. <i>Science of the Total Environment</i> , 2020, 709, 135892.	8.0	63
17	Major factors influencing the quantification of Nile Red stained microplastics and improved automatic quantification (MP-VAT 2.0). <i>Science of the Total Environment</i> , 2020, 719, 137498.	8.0	59
18	An urgent call to think globally and act locally on landfill disposable plastics under and after covid-19 pandemic: Pollution prevention and technological (Bio) remediation solutions. <i>Chemical Engineering Journal</i> , 2021, 426, 131201.	12.7	59

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19	Disposable over Reusable Face Masks: Public Safety or Environmental Disaster?. <i>Environments - MDPI</i> , 2021, 8, 31.	3.3	38
20	Microplastics and fibers from three areas under different anthropogenic pressures in Douro river. <i>Science of the Total Environment</i> , 2021, 776, 145999.	8.0	37
21	Selection of microplastics by Nile Red staining increases environmental sample throughput by micro-Raman spectroscopy. <i>Science of the Total Environment</i> , 2021, 783, 146979.	8.0	36
22	Preparation of biological samples for microplastic identification by Nile Red. <i>Science of the Total Environment</i> , 2021, 783, 147065.	8.0	36
23	Effects of distance to the sea and geomorphological characteristics on the quantity and distribution of microplastics in beach sediments of Granada (Spain). <i>Science of the Total Environment</i> , 2020, 746, 142023.	8.0	33
24	Environmental status of (micro)plastics contamination in Portugal. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110753.	6.0	32
25	Effects of virgin and weathered polystyrene and polypropylene microplastics on <i>Raphidocelis subcapitata</i> and embryos of <i>Danio rerio</i> under environmental concentrations. <i>Science of the Total Environment</i> , 2022, 816, 151642.	8.0	28
26	Microplastics on Barra beach sediments in Aveiro, Portugal. <i>Marine Pollution Bulletin</i> , 2021, 167, 112264.	5.0	24
27	A straightforward method for microplastic extraction from organic-rich freshwater samples. <i>Science of the Total Environment</i> , 2022, 815, 152941.	8.0	21
28	What Is the Minimum Volume of Sample to Find Small Microplastics: Laboratory Experiments and Sampling of Aveiro Lagoon and Vouga River, Portugal. <i>Water (Switzerland)</i> , 2020, 12, 1219.	2.7	20
29	Airborne microplastics and fibers in indoor residential environments in Aveiro, Portugal. <i>Environmental Advances</i> , 2021, 6, 100134.	4.8	20
30	Suspected microplastics in Atlantic horse mackerel fish (<i>Trachurus trachurus</i>) captured in Portugal. <i>Marine Pollution Bulletin</i> , 2022, 174, 113249.	5.0	20
31	The road to sustainable use and waste management of plastics in Portugal. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 5.	6.0	11
32	Considerations when using microplates and Neubauer counting chamber in ecotoxicity tests on microplastics. <i>Marine Pollution Bulletin</i> , 2021, 170, 112615.	5.0	6
33	An introduction to the concept of One Health. , 2022, , 1-31.		5
34	Airborne Microplastics. , 2020, , 1-25.		2
35	Comment on recent article "Identification of microplastics in white wines capped with polyethylene stoppers using micro-Raman spectroscopy", published in <i>Food Chemistry</i> (2020). <i>Food Chemistry</i> , 2021, 342, 128363.	8.2	2
36	Airborne Microplastics. , 2022, , 177-201.		2