

Alice A Horton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/506488/publications.pdf>

Version: 2024-02-01

24
papers

5,037
citations

331670

21
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

4512
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in freshwater and terrestrial environments: Evaluating the current understanding to identify the knowledge gaps and future research priorities. <i>Science of the Total Environment</i> , 2017, 586, 127-141.	8.0	2,188
2	Large microplastic particles in sediments of tributaries of the River Thames, UK – Abundance, sources and methods for effective quantification. <i>Marine Pollution Bulletin</i> , 2017, 114, 218-226.	5.0	651
3	Microplastics: An introduction to environmental transport processes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1268.	6.5	328
4	A large-scale investigation of microplastic contamination: Abundance and characteristics of microplastics in European beach sediment. <i>Marine Pollution Bulletin</i> , 2017, 123, 219-226.	5.0	321
5	A catchment-scale perspective of plastic pollution. <i>Global Change Biology</i> , 2019, 25, 1207-1221.	9.5	260
6	The influence of exposure and physiology on microplastic ingestion by the freshwater fish <i>Rutilus rutilus</i> (roach) in the River Thames, UK. <i>Environmental Pollution</i> , 2018, 236, 188-194.	7.5	175
7	Microplastic particles reduce reproduction in the terrestrial worm <i>Enchytraeus crypticus</i> in a soil exposure. <i>Environmental Pollution</i> , 2019, 255, 113174.	7.5	150
8	A temporal sediment record of microplastics in an urban lake, London, UK. <i>Journal of Paleolimnology</i> , 2019, 61, 449-462.	1.6	139
9	Microplastic pollution in a rapidly changing world: Implications for remote and vulnerable marine ecosystems. <i>Science of the Total Environment</i> , 2020, 738, 140349.	8.0	124
10	Identification and Quantification of Microplastics in Potable Water and Their Sources within Water Treatment Works in England and Wales. <i>Environmental Science & Technology</i> , 2020, 54, 12326-12334.	10.0	97
11	Plastic pollution: When do we know enough?. <i>Journal of Hazardous Materials</i> , 2022, 422, 126885.	12.4	80
12	Acute toxicity of organic pesticides to <i>Daphnia magna</i> is unchanged by co-exposure to polystyrene microplastics. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 26-34.	6.0	76
13	Semi-automated analysis of microplastics in complex wastewater samples. <i>Environmental Pollution</i> , 2021, 268, 115841.	7.5	72
14	Developing a systematic method for extraction of microplastics in soils. <i>Analytical Methods</i> , 2021, 13, 1695-1705.	2.7	65
15	Earthworms ingest microplastic fibres and nanoplastics with effects on egestion rate and long-term retention. <i>Science of the Total Environment</i> , 2022, 807, 151022.	8.0	62
16	Comparing bee species responses to chemical mixtures: Common response patterns?. <i>PLoS ONE</i> , 2017, 12, e0176289.	2.5	54
17	Ecotoxicity of microplastics to freshwater biota: Considering exposure and hazard across trophic levels. <i>Science of the Total Environment</i> , 2022, 816, 151638.	8.0	46
18	Accumulation of polybrominated diphenyl ethers and microbiome response in the great pond snail <i>Lymnaea stagnalis</i> with exposure to nylon (polyamide) microplastics. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109882.	6.0	40

#	ARTICLE	IF	CITATIONS
19	Modelling Microplastics in the River Thames: Sources, Sinks and Policy Implications. <i>Water (Switzerland)</i> , 2021, 13, 861.	2.7	29
20	Extending standard testing period in honeybees to predict lifespan impacts of pesticides and heavy metals using dynamic energy budget modelling. <i>Scientific Reports</i> , 2016, 6, 37655.	3.3	24
21	Short-term effects of the heavy metals, Silver and copper, on polyps of the common jellyfish, <i>Aurelia aurita</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 154-161.	1.5	23
22	Accumulation of nylon microplastics and polybrominated diphenyl ethers and effects on gut microbial community of <i>Chironomus sancticaroli</i> . <i>Science of the Total Environment</i> , 2022, 832, 155089.	8.0	17
23	Microplastics and Their Effects on Soil Function as a Life-Supporting System. <i>Handbook of Environmental Chemistry</i> , 2020, , 199-222.	0.4	13
24	Reflections on Earth surface research. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 15-20.	29.7	3