

CITATION REPORT

List of articles citing

Effects of polystyrene microplastics on the fitness of earthworms in an agricultural soil

DOI: 10.1088/1755-1315/61/1/012148

IOP Conference Series: Earth and Environmental Science, 2017, 61, 012148.

Source: <https://exaly.com/paper-pdf/66954662/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
100	An overview of microplastic and nanoplastic pollution in agroecosystems. <i>Science of the Total Environment</i> , 2018 , 627, 1377-1388	10.2	502
99	Microplastics in Swiss Floodplain Soils. <i>Environmental Science & Technology</i> , 2018 , 52, 3591-3598	10.3	476
98	Fate and occurrence of micro(nano)plastics in soils: Knowledge gaps and possible risks. <i>Current Opinion in Environmental Science and Health</i> , 2018 , 1, 6-11	8.1	246
97	How Valuable Are Organic Amendments as Tools for the Phytomanagement of Degraded Soils? The Knowns, Known Unknowns, and Unknowns. <i>Frontiers in Sustainable Food Systems</i> , 2018 , 2,	4.8	31
96	Oxidative stress, energy metabolism and molecular responses of earthworms (<i>Eisenia fetida</i>) exposed to low-density polyethylene microplastics. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 33599-33610	5.1	81
95	Plastic pollution and potential solutions. <i>Science Progress</i> , 2018 , 101, 207-260	1.1	135
94	Separation and identification of microplastics from soil and sewage sludge. <i>Environmental Pollution</i> , 2019 , 254, 113076	9.3	103
93	Effects of Microplastics in Soil Ecosystems: Above and Below Ground. <i>Environmental Science & Technology</i> , 2019 , 53, 11496-11506	10.3	274
92	Environmental Deterioration of Biodegradable, Oxo-biodegradable, Compostable, and Conventional Plastic Carrier Bags in the Sea, Soil, and Open-Air Over a 3-Year Period. <i>Environmental Science & Technology</i> , 2019 , 53, 4775-4783	10.3	144
91	Isolation and characterization of different promising fungi for biological waste management of polyurethanes. <i>Microbial Biotechnology</i> , 2019 , 12, 544-555	6.3	39
90	Effects of microplastics on greenhouse gas emissions and the microbial community in fertilized soil. <i>Environmental Pollution</i> , 2020 , 256, 113347	9.3	96
89	Microplastics in the soil environment: Occurrence, risks, interactions and fate [A review]. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 50, 2175-2222	11.1	115
88	Towards an ecology of soil microplastics. <i>Functional Ecology</i> , 2020 , 34, 550-560	5.6	56
87	Interaction of Invertebrates and Synthetic Polymers in Soil: A Review. <i>Russian Journal of Ecology</i> , 2020 , 51, 503-517	0.7	6
86	Microplastics in soils: A review of methods, occurrence, fate, transport, ecological and environmental risks. <i>Science of the Total Environment</i> , 2020 , 748, 141368	10.2	90
85	Modification of Polystyrene Based Composites for Environment Sustainability: A Review. <i>Journal of Physics: Conference Series</i> , 2020 , 1531, 012107	0.3	
84	Microplastics in Soils and Sediment: Sources, Methodologies, and Interactions with Microorganisms. 2020 , 1-31		

83	Effects of microplastics and nanoplastics on marine environment and human health. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 44743-44756	5.1	41
82	Source, migration and toxicology of microplastics in soil. <i>Environment International</i> , 2020 , 137, 105263	12.9	247
81	Microplastics in the freshwater and terrestrial environments: Prevalence, fates, impacts and sustainable solutions. <i>Science of the Total Environment</i> , 2020 , 719, 137512	10.2	143
80	Microplastics in soils: a review of possible sources, analytical methods and ecological impacts. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 2052-2068	3.5	46
79	Plastic waste in the terrestrial environment. 2020 , 163-193		7
78	Microplastics Effects on Reproduction and Body Length of the Soil-Dwelling Nematode <i>Caenorhabditis elegans</i> . <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	33
77	Effect of plastic film mulching on the distribution of plastic residues in agricultural fields. <i>Chemosphere</i> , 2021 , 273, 128590	8.4	13
76	Non-biodegradable microplastics in soils: A brief review and challenge. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124525	12.8	23
75	Microplastic pollution alters forest soil microbiome. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124606	12.8	34
74	A probabilistic risk assessment of microplastics in soil ecosystems. <i>Science of the Total Environment</i> , 2021 , 757, 143987	10.2	18
73	Microplastics and their potential effects on the aquaculture systems: a critical review. <i>Reviews in Aquaculture</i> , 2021 , 13, 719-733	8.9	25
72	Bioremediation of soil polluted with oil. <i>Acta Agriculturae Serbica</i> , 2021 , 26, 77-81	0.5	
71	Research trends of microplastics in the soil environment: Comprehensive screening of effects. <i>Soil Ecology Letters</i> , 1	2.7	4
70	Effects of plastic particles on germination and growth of soybean (<i>Glycine max</i>): A pot experiment under field condition. <i>Environmental Pollution</i> , 2021 , 272, 116418	9.3	14
69	Microplastics in Soils: An Environmental Geotechnics Perspective. <i>Environmental Geotechnics</i> , 1-30	1.2	20
68	Geomechanical Behaviour of Uncemented Expanded Polystyrene (EPS) Beads-Clayey Soil Mixtures as Lightweight Fill. <i>Geotechnics</i> , 2021 , 1, 38-58		5
67	Environmental emission, fate and transformation of microplastics in biotic and abiotic compartments: Global status, recent advances and future perspectives. <i>Science of the Total Environment</i> , 2021 , 791, 148422	10.2	8
66	Chronic and Transgenerational Effects of Polystyrene Microplastics at Environmentally Relevant Concentrations in Earthworms (<i>Eisenia fetida</i>). <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 2240-2246	3.8	6

65	Effect thresholds for the earthworm <i>Eisenia fetida</i> : Toxicity comparison between conventional and biodegradable microplastics. <i>Science of the Total Environment</i> , 2021 , 781, 146884	10.2	17
64	Microplastics as an emerging threat to plant and soil health in agroecosystems. <i>Science of the Total Environment</i> , 2021 , 787, 147444	10.2	32
63	Characterization and environmental impacts of microplastics. <i>Gondwana Research</i> , 2021 , 98, 63-75	5.1	8
62	Recent advances on ecological effects of microplastics on soil environment. <i>Science of the Total Environment</i> , 2021 , 798, 149338	10.2	27
61	Photodegradation of microplastics mediated by different types of soil: The effect of soil components. <i>Science of the Total Environment</i> , 2022 , 802, 149840	10.2	3
60	Microplastics and Their Effects on Soil Function as a Life-Supporting System. <i>Handbook of Environmental Chemistry</i> , 2020 , 199-222	0.8	8
59	Microplastics Pollution as an Invisible Potential Threat to Food Safety and Security, Policy Challenges and the Way Forward. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	18
58	What do we know about how the terrestrial multicellular soil fauna reacts to microplastic?. <i>Soil</i> , 2020 , 6, 245-267	5.8	29
57	Effects of microplastic and microglass particles on soil microbial community structure in an arable soil (Chernozem). <i>Soil</i> , 2020 , 6, 315-324	5.8	14
56	Ecotoxicological Impacts of Micro- and Nanoplastics in Terrestrial and Aquatic Environments. <i>Environmental Contamination Remediation and Management</i> , 2022 , 199-260		0
55	Synthetische Kunststoffe (Plastik). 1-44		
54	Small Plastic Wastes in Soils: What Is Our Real Perception of the Problem?. 2020 , 187-209		1
53	Fate of microplastics in agricultural soils amended with sewage sludge: Is surface water runoff a relevant environmental pathway?. <i>Environmental Pollution</i> , 2021 , 293, 118520	9.3	3
52	Time-dependent immune response in <i>Porcellio scaber</i> following exposure to microplastics and natural particles. <i>Science of the Total Environment</i> , 2021 , 818, 151816	10.2	1
51	Microplastics in the Food Chain: Food Safety and Environmental Aspects. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021 , 259, 1-49	3.5	1
50	Toprak Ekosistemi Üzerine Mikroplastiklerin Etkileri. <i>Toprak Bilimi Ve Bitki Besleme Dergisi</i> ,	0.4	0
49	Micro plastics in soil ecosystem –A review of sources, fate, and ecological impact. <i>Plant, Soil and Environment</i> , 2022 , 68, 1-17	2.2	2
48	Microplastic effects on soil system parameters: a meta-analysis study.. <i>Environmental Science and Pollution Research</i> , 2022 , 29, 11027	5.1	2

47	The treatment of the organic fraction of municipal solid waste (OFMSW) as a possible source of micro- and nano-plastics and bioplastics in agroecosystems: a review. <i>Chemical and Biological Technologies in Agriculture</i> , 2022 , 9,	4.4	2
46	Microplastics in the soil environment: A critical review. <i>Environmental Technology and Innovation</i> , 2022 , 102408	7	6
45	Soil under stress: The importance of soil life and how it is influenced by (micro)plastic pollution.. <i>Computational and Structural Biotechnology Journal</i> , 2022 , 20, 1554-1566	6.8	1
44	Microplastics in Soils and Sediment: Sources, Methodologies, and Interactions with Microorganisms. 2022 , 203-233		0
43	Activities of Microplastics (MPs) in Agricultural Soil: A Review of MPs Pollution from the Perspective of Agricultural Ecosystems.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	1
42	The effects of microplastics on soil ecosystem: A review. <i>Current Opinion in Environmental Science and Health</i> , 2022 , 26, 100344	8.1	1
41	Effects of polystyrene microplastics on accumulation of pyrene by earthworms.. <i>Chemosphere</i> , 2022 , 296, 134059	8.4	2
40	Leaching of organic matters and formation of disinfection by-product as a result of presence of microplastics in natural freshwaters.. <i>Chemosphere</i> , 2022 , 134300	8.4	1
39	Review on migration, transformation and ecological impacts of microplastics in soil. <i>Applied Soil Ecology</i> , 2022 , 176, 104486	5	2
38	Current Progress of Microplastics in Sewage Sludge. <i>Handbook of Environmental Chemistry</i> , 2022 , 1	0.8	
37	Soil Pollution with Microplastic in the Impact Area of a Plant Producing Expanded Polystyrene. <i>Eurasian Soil Science</i> , 2022 , 55, 377-386	1.5	0
36	Table_1.pdf. 2020 ,		
35	Data_Sheet_1.pdf. 2018 ,		
34	(Micro)plastics in the soil system: Occurrence, behaviour, fate, and future directions. 2022 , 47-64		
33	Application of the Sewage Sludge in Agriculture: Soil Fertility, Technoeconomic, and Life-Cycle Assessment.		1
32	Environmental risk of multi-year polythene film mulching and its green solution in arid irrigation region.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 128981	12.8	2
31	Occurrence and ecological health risks of microplastics. 2022 , 243-270		
30	Ecological health risks of emerging organic contaminants. 2022 , 215-242		

29	Unravelling the emerging threats of microplastics to agroecosystems. <i>Reviews in Environmental Science and Biotechnology</i> ,	13.9	1
28	The Burden of Microplastics Pollution and Contending Policies and Regulations. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6773	4.6	2
27	Biodegradation of microplastics and synthetic polymers in agricultural soils. 2022 , 563-573		
26	Plastics in soil environments: All things considered. <i>Advances in Agronomy</i> , 2022 ,	7.7	1
25	Urban mangrove ecosystems are under severe threat from microplastic pollution: a case study from Mangalavanam, Kerala, India. <i>Environmental Science and Pollution Research</i> ,	5.1	0
24	Plastics in the environment as potential threat to life: an overview. <i>Environmental Science and Pollution Research</i> ,	5.1	0
23	Characterizing Fragmentation of Polystyrene Foam Debris by Isopods <i>Oniscus asellus</i> (Isopoda: Oniscidae) and <i>Trachelipus rathkii</i> (Isopoda: Trachelipodidae). <i>Environmental Entomology</i> ,	2.1	
22	Microplastics in Agricultural Systems: Analytical Methodologies and Effects on Soil Quality and Crop Yield. 2022 , 12, 1162		0
21	Determination of Nickel Toxicity in Soil in The Presence of Microplastics and Biosolids. 1386-1394		0
20	Hierarchical and cascading changes in the functional traits of soil animals induced by microplastics: A meta-analysis. 2022 , 440, 129854		1
19	Ecological and human health risks of atmospheric microplastics (MPs): a review. 2022 , 2, 921-942		0
18	Municipal Park Grounds and Microplastics Contamination.		0
17	Impacts of microplastics and heavy metals on the earthworm <i>Eisenia foetida</i> and on soil organic carbon, nitrogen and phosphorus.		0
16	From microbes to ecosystems: a review of the ecological effects of biodegradable plastics.		1
15	A REVIEW ON MICROPLASTIC IN THE SOILS AND THEIR IMPACT ON SOIL MICROBES, CROPS AND HUMANS. 2022 , 10, 245-273		0
14	Microplastics in the Great Lakes: Environmental, Health, and Socioeconomic Implications and Future Directions. 2022 , 10, 14074-14091		0
13	A Review on the Role of Earthworms in Plastics Degradation: Issues and Challenges. 2022 , 14, 4770		1
12	Assessment of microplastic as contaminants in the coal mine area of an industrial region, Barapukuria, Bangladesh. 2022 , e11666		1

11	A discussion of microplastics in soil and risks for ecosystems and food chains. 2022 , 137637	1
10	Microplastics in agroecosystems: A review of effects on soil biota and key soil functions.	0
9	Probabilistic environmental risk assessment of microplastics in soils. 2023 , 430, 116315	0
8	Microplastics in the Ecosystem: An Overview on Detection, Removal, Toxicity Assessment, and Control Release. 2023 , 15, 51	2
7	Plastics and environmental sustainability issues. 2023 , 1-43	0
6	Microplastics in terrestrial ecosystem: Sources and migration in soil environment. 2023 , 318, 137946	0
5	Microplastics: The stemming environmental challenge and the quest for the missing mitigation strategies. 2023 , 179, 105581	0
4	A minireview on the bioremediative potential of microbial enzymes as solution to emerging microplastic pollution. 13,	0
3	Emerging Techniques for the Mitigation of Micro and Nanoplastics in Soil. 2023 , 383-411	0
2	The Coming Tide of Wind Turbine Blades Retirement: Threats and Treatment Measures. 29, 105-112	0
1	Impacts of microplastics and heavy metals on the earthworm <i>Eisenia fetida</i> and on soil organic carbon, nitrogen, and phosphorus.	0