

Esperanza Huerta Lwanga

List of Publications by Citations

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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.

34
papers

3,476
citations

20
h-index

38
g-index

38
ext. papers

5,059
ext. citations

8.3
avg, IF

6
L-index

#	Paper	IF	Citations
34	Microplastics in the Terrestrial Ecosystem: Implications for <i>Lumbricus terrestris</i> (Oligochaeta, Lumbricidae). <i>Environmental Science & Technology</i> , 2016 , 50, 2685-91	10.3	526
33	An overview of microplastic and nanoplastic pollution in agroecosystems. <i>Science of the Total Environment</i> , 2018 , 627, 1377-1388	10.2	502
32	Evidence of microplastic accumulation in agricultural soils from sewage sludge disposal. <i>Science of the Total Environment</i> , 2019 , 671, 411-420	10.2	377
31	Macro- and micro- plastics in soil-plant system: Effects of plastic mulch film residues on wheat (<i>Triticum aestivum</i>) growth. <i>Science of the Total Environment</i> , 2018 , 645, 1048-1056	10.2	335
30	Incorporation of microplastics from litter into burrows of <i>Lumbricus terrestris</i> . <i>Environmental Pollution</i> , 2017 , 220, 523-531	9.3	305
29	Field evidence for transfer of plastic debris along a terrestrial food chain. <i>Scientific Reports</i> , 2017 , 7, 14071	4.9	274
28	Decay of low-density polyethylene by bacteria extracted from earthworms guts: A potential for soil restoration. <i>Science of the Total Environment</i> , 2018 , 624, 753-757	10.2	158
27	Sewage sludge application as a vehicle for microplastics in eastern Spanish agricultural soils. <i>Environmental Pollution</i> , 2020 , 261, 114198	9.3	153
26	Effects of plastic mulch film residues on wheat rhizosphere and soil properties. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121711	12.8	131
25	Global distribution of earthworm diversity. <i>Science</i> , 2019 , 366, 480-485	33.3	113
24	Predicting soil microplastic concentration using vis-NIR spectroscopy. <i>Science of the Total Environment</i> , 2019 , 650, 922-932	10.2	88
23	Leaching of microplastics by preferential flow in earthworm (<i>Lumbricus terrestris</i>) burrows. <i>Environmental Chemistry</i> , 2019 , 16, 31	3.2	76
22	Influence of microplastic addition on glyphosate decay and soil microbial activities in Chinese loess soil. <i>Environmental Pollution</i> , 2018 , 242, 338-347	9.3	74
21	Impact of plastic mulch film debris on soil physicochemical and hydrological properties. <i>Environmental Pollution</i> , 2020 , 266, 115097	9.3	55
20	Microplastics occurrence and frequency in soils under different land uses on a regional scale. <i>Science of the Total Environment</i> , 2021 , 752, 141917	10.2	53
19	Mulching as a strategy to improve soil properties and reduce soil erodibility in coffee farming systems of Rwanda. <i>Catena</i> , 2017 , 149, 43-51	5.8	37
18	Low density-microplastics detected in sheep faeces and soil: A case study from the intensive vegetable farming in Southeast Spain. <i>Science of the Total Environment</i> , 2021 , 755, 142653	10.2	36

17	Microplastic pollution alters forest soil microbiome. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124606	12.8	34
16	Biogenic transport of glyphosate in the presence of LDPE microplastics: A mesocosm experiment. <i>Environmental Pollution</i> , 2019 , 245, 829-835	9.3	33
15	Cocktails of pesticide residues in conventional and organic farming systems in Europe - Legacy of the past and turning point for the future. <i>Environmental Pollution</i> , 2021 , 278, 116827	9.3	24
14	Effect of engineered nanoparticles on soil biota: Do they improve the soil quality and crop production or jeopardize them?. <i>Land Degradation and Development</i> , 2020 , 31, 2213-2230	4.4	19
13	Microplastics in agricultural soils, wastewater effluents and sewage sludge in Mauritius. <i>Science of the Total Environment</i> , 2021 , 798, 149326	10.2	15
12	Sources of Light Density Microplastic Related to Two Agricultural Practices: The Use of Compost and Plastic Mulch. <i>Environments - MDPI</i> , 2021 , 8, 36	3.2	12
11	Trends in leaf traits, litter dynamics and associated nutrient cycling along a secondary successional chronosequence of semi-evergreen tropical forest in South-Eastern Mexico. <i>Journal of Tropical Ecology</i> , 2018 , 34, 364-377	1.3	10
10	Organochlorine pesticides, polycyclic aromatic hydrocarbons, metals and metalloids in microplastics found in regurgitated pellets of black vulture from Campeche, Mexico. <i>Science of the Total Environment</i> , 2021 , 801, 149674	10.2	10
9	Is the Polylactic Acid Fiber in Green Compost a Risk for and ?. <i>Polymers</i> , 2021 , 13,	4.5	9
8	Microplastics in Soil Ecosystem: Insight on Its Fate and Impacts on Soil Quality. <i>Handbook of Environmental Chemistry</i> , 2020 , 245-258	0.8	7
7	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , 2021 , 8, 136	8.2	4
6	Collection of human and environmental data on pesticide use in Europe and Argentina: Field study protocol for the SPRINT project. <i>PLoS ONE</i> , 2021 , 16, e0259748	3.7	3
5	Morphospecies Abundance of Above-Ground Invertebrates in Agricultural Systems under Glyphosate and Microplastics in South-Eastern Mexico. <i>Environments - MDPI</i> , 2021 , 8, 130	3.2	1
4	Parks and Recreational Areas as Sinks of Plastic Debris in Urban Sites: The Case of Light-Density Microplastics in the City of Amsterdam, The Netherlands. <i>Environments - MDPI</i> , 2022 , 9, 5	3.2	0
3	Hemicellulolytic bacteria in the anterior intestine of the earthworm <i>Eisenia fetida</i> (Sav.). <i>Science of the Total Environment</i> , 2022 , 806, 151221	10.2	
2	Soil Remediation Under Microplastics Pollution 2021 , 1-29		
1	Soil Remediation Under Microplastics Pollution 2022 , 1173-1201		