

Esperanza Huerta Lwanga

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

6,958
citations

218677

26
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

4065
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of microplastic and nanoplastic pollution in agroecosystems. <i>Science of the Total Environment</i> , 2018, 627, 1377-1388.	8.0	846
2	Microplastics in the Terrestrial Ecosystem: Implications for <i>Lumbricus terrestris</i> (Oligochaeta). <i>Environmental Pollution</i> , 2019, 242, 1048-1056.	10.0	844
3	Evidence of microplastic accumulation in agricultural soils from sewage sludge disposal. <i>Science of the Total Environment</i> , 2019, 671, 411-420.	8.0	781
4	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.	8.0	711
5	Field evidence for transfer of plastic debris along a terrestrial food chain. <i>Scientific Reports</i> , 2017, 7, 14071.	3.3	523
6	Incorporation of microplastics from litter into burrows of <i>Lumbricus terrestris</i> . <i>Environmental Pollution</i> , 2017, 220, 523-531.	7.5	479
7	Sewage sludge application as a vehicle for microplastics in eastern Spanish agricultural soils. <i>Environmental Pollution</i> , 2020, 261, 114198.	7.5	353
8	Effects of plastic mulch film residues on wheat rhizosphere and soil properties. <i>Journal of Hazardous Materials</i> , 2020, 387, 121711.	12.4	347
9	Decay of low-density polyethylene by bacteria extracted from earthworm's guts: A potential for soil restoration. <i>Science of the Total Environment</i> , 2018, 624, 753-757.	8.0	297
10	Global distribution of earthworm diversity. <i>Science</i> , 2019, 366, 480-485.	12.6	248
11	Impact of plastic mulch film debris on soil physicochemical and hydrological properties. <i>Environmental Pollution</i> , 2020, 266, 115097.	7.5	162
12	Microplastics occurrence and frequency in soils under different land uses on a regional scale. <i>Science of the Total Environment</i> , 2021, 752, 141917.	8.0	158
13	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.	8.0	148
14	Influence of microplastic addition on glyphosate decay and soil microbial activities in Chinese loess soil. <i>Environmental Pollution</i> , 2018, 242, 338-347.	7.5	141
15	Predicting soil microplastic concentration using vis-NIR spectroscopy. <i>Science of the Total Environment</i> , 2019, 650, 922-932.	8.0	140
16	Leaching of microplastics by preferential flow in earthworm (<i>Lumbricus terrestris</i>) burrows. <i>Environmental Chemistry</i> , 2019, 16, 31.	1.5	116
17	Microplastic pollution alters forest soil microbiome. <i>Journal of Hazardous Materials</i> , 2021, 409, 124606.	12.4	100
18	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.	7.5	90

#	ARTICLE	IF	CITATIONS
19	Microplastics in agricultural soils, wastewater effluents and sewage sludge in Mauritius. <i>Science of the Total Environment</i> , 2021, 798, 149326.	8.0	72
20	Review of microplastic sources, transport pathways and correlations with other soil stressors: a journey from agricultural sites into the environment. <i>Chemical and Biological Technologies in Agriculture</i> , 2022, 9, .	4.6	69
21	Sources of Light Density Microplastic Related to Two Agricultural Practices: The Use of Compost and Plastic Mulch. <i>Environments - MDPI</i> , 2021, 8, 36.	3.3	57
22	Biogenic transport of glyphosate in the presence of LDPE microplastics: A mesocosm experiment. <i>Environmental Pollution</i> , 2019, 245, 829-835.	7.5	51
23	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.	5.0	47
24	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.	8.0	35
25	Is the Polylactic Acid Fiber in Green Compost a Risk for <i>Lumbricus terrestris</i> and <i>Triticum aestivum</i> ?. <i>Polymers</i> , 2021, 13, 703.	4.5	34
26	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.	3.9	30
27	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , 2021, 8, 136.	5.3	29
28	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.	1.1	17
29	Microplastics in Soil Ecosystem: Insight on Its Fate and Impacts on Soil Quality. <i>Handbook of Environmental Chemistry</i> , 2020, , 245-258.	0.4	9
30	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.	2.5	9
31	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.	3.3	7
32	Morphospecies Abundance of Above-Ground Invertebrates in Agricultural Systems under Glyphosate and Microplastics in South-Eastern Mexico. <i>Environments - MDPI</i> , 2021, 8, 130.	3.3	6
33	Hemicellulolytic bacteria in the anterior intestine of the earthworm <i>Eisenia fetida</i> (Sav.). <i>Science of the Total Environment</i> , 2022, 806, 151221.	8.0	2
34	Soil Remediation Under Microplastics Pollution. , 2021, , 1-29.		0
35	Soil Remediation Under Microplastics Pollution. , 2022, , 1173-1201.		0