Esperanza Huerta Lwanga

List of Publications by Year
in descending order

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	Hemicellulolytic bacteria in the anterior intestine of the earthworm Eisenia fetida (Sav.). Science of the Total Environment, 2022, 806, 151221.	8.0	2
2	Review of microplastic sources, transport pathways and correlations with other soil stressors: a journey from agricultural sites into the environment. Chemical and Biological Technologies in Agriculture, 2022, 9, .	4.6	69
3	Soil Remediation Under Microplastics Pollution. , 2022, , 1173-1201.		0
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. Environments - MDPI, 2022, 9, 5.	3.3	7
5	Microplastics occurrence and frequency in soils under different land uses on a regional scale. Science of the Total Environment, 2021, 752, 141917.	8.0	158
6	Low density-microplastics detected in sheep faeces and soil: A case study from the intensive vegetable farming in Southeast Spain. Science of the Total Environment, 2021, 755, 142653.	8.0	148
7	Microplastic pollution alters forest soil microbiome. Journal of Hazardous Materials, 2021, 409, 124606.	12.4	100
8	Soil Remediation Under Microplastics Pollution. , 2021, , 1-29.		0
9	Is the Polylactic Acid Fiber in Green Compost a Risk for Lumbricus terrestris and Triticum aestivum?. Polymers, 2021, 13, 703.	4.5	34
10	Sources of Light Density Microplastic Related to Two Agricultural Practices: The Use of Compost and Plastic Mulch. Environments - MDPI, 2021, 8, 36.	3.3	57
11	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. Scientific Data, 2021, 8, 136.	5.3	29
12	Cocktails of pesticide residues in conventional and organic farming systems in Europe â€“ Legacy of the past and turning point for the future. Environmental Pollution, 2021, 278, 116827.	7.5	90
13	Microplastics in agricultural soils, wastewater effluents and sewage sludge in Mauritius. Science of the Total Environment, 2021, 798, 149326.	8.0	72
14	Organochlorine pesticides, polycyclic aromatic hydrocarbons, metals and metalloids in microplastics found in regurgitated pellets of black vulture from Campeche, Mexico. Science of the Total Environment, 2021, 801, 149674.	8.0	35
15	Morphospecies Abundance of Above-Ground Invertebrates in Agricultural Systems under Glyphosate and Microplastics in South-Eastern Mexico. Environments - MDPI, 2021, 8, 130.	3.3	6
16	Collection of human and environmental data on pesticide use in Europe and Argentina: Field study protocol for the SPRINT project. PLoS ONE, 2021, 16, e0259748.	2.5	9
17	Effects of plastic mulch film residues on wheat rhizosphere and soil properties. Journal of Hazardous Materials, 2020, 387, 121711.	12.4	347
18	Effect of engineered nanoparticles on soil biota: Do they improve the soil quality and crop production or jeopardize them?. Land Degradation and Development, 2020, 31, 2213-2230.	3.9	30

#	Article	IF	Citations
19	Impact of plastic mulch film debris on soil physicochemical and hydrological properties. Environmental Pollution, 2020, 266, 115097.	7.5	162
20	Sewage sludge application as a vehicle for microplastics in eastern Spanish agricultural soils. Environmental Pollution, 2020, 261, 114198.	7.5	353
21	Microplastics in Soil Ecosystem: Insight on Its Fate and Impacts on Soil Quality. Handbook of Environmental Chemistry, 2020, , 245-258.	0.4	9
22	Global distribution of earthworm diversity. Science, 2019, 366, 480-485.	12.6	248
23	Evidence of microplastic accumulation in agricultural soils from sewage sludge disposal. Science of the Total Environment, 2019, 671, 411-420.	8.0	781
24	Leaching of microplastics by preferential flow in earthworm (Lumbricus terrestris) burrows. Environmental Chemistry, 2019, 16, 31.	1.5	116
25	Predicting soil microplastic concentration using vis-NIR spectroscopy. Science of the Total Environment, 2019, 650, 922-932.	8.0	140
26	Biogenic transport of glyphosate in the presence of LDPE microplastics: A mesocosm experiment. Environmental Pollution, 2019, 245, 829-835.	7.5	51
27	An overview of microplastic and nanoplastic pollution in agroecosystems. Science of the Total Environment, 2018, 627, 1377-1388.	8.0	846
28	Decay of low-density polyethylene by bacteria extracted from earthworm's guts: A potential for soil restoration. Science of the Total Environment, 2018, 624, 753-757.	8.0	297
29	Trends in leaf traits, litter dynamics and associated nutrient cycling along a secondary successional chronosequence of semi-evergreen tropical forest in South-Eastern Mexico. Journal of Tropical Ecology, 2018, 34, 364-377.	1.1	17
30	Influence of microplastic addition on glyphosate decay and soil microbial activities in Chinese loess soil. Environmental Pollution, 2018, 242, 338-347.	7.5	141
31	Macro- and micro- plastics in soil-plant system: Effects of plastic mulch film residues on wheat (Triticum aestivum) growth. Science of the Total Environment, 2018, 645, 1048-1056.	8.0	711
32	Field evidence for transfer of plastic debris along a terrestrial food chain. Scientific Reports, 2017, 7, 14071.	3.3	523
33	Mulching as a strategy to improve soil properties and reduce soil erodibility in coffee farming systems of Rwanda. Catena, 2017, 149, 43-51.	5.0	47
34	Incorporation of microplastics from litter into burrows of Lumbricus terrestris. Environmental Pollution, 2017, 220, 523-531.	7.5	479
35	Microplastics in the Terrestrial Ecosystem: Implications for Lumbricus terrestris (Oligochaeta,) Tj ETQq1 1 0.784314 rgBT /Ove	10.0	844