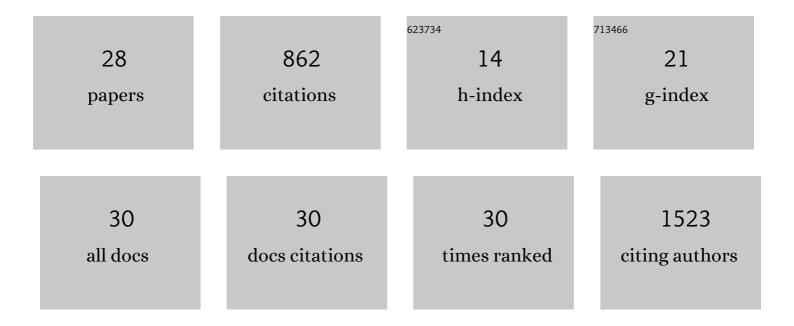
Maria Carmen HernÃ;ndez-Soriano

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6227071/publications.pdf Version: 2024-02-01



Maria Carmen

#	Article	IF	CITATIONS
1	Nitrogenâ€rich microbial products provide new organoâ€mineral associations for the stabilization of soil organic matter. Global Change Biology, 2018, 24, 1762-1770.	9.5	113
2	Soil Organic Carbon Stabilization: Mapping Carbon Speciation from Intact Microaggregates. Environmental Science & Technology, 2018, 52, 12275-12284.	10.0	50
3	Longâ€ŧerm effect of biochar on the stabilization of recent carbon: soils with historical inputs of charcoal. GCB Bioenergy, 2016, 8, 371-381.	5.6	71
4	Biochar affects carbon composition and stability in soil: a combined spectroscopy-microscopy study. Scientific Reports, 2016, 6, 25127.	3.3	80
5	Partitioning of carbon sources among functional pools to investigate short-term priming effects of biochar in soil: A 13C study. Science of the Total Environment, 2016, 547, 30-38.	8.0	28
6	Synchrotron-based Techniques Shed Light on Mechanisms of Plant Sensitivity and Tolerance to High Manganese in the Root Environment. Plant Physiology, 2015, 169, pp.00726.2015.	4.8	61
7	Silver sulfide nanoparticles (Ag ₂ S-NPs) are taken up by plants and are phytotoxic. Nanotoxicology, 2015, 9, 1041-1049.	3.0	96
8	Carbon mineralization from sewage sludge-amended mine dump by response surface methodology. International Journal of Environmental Science and Technology, 2015, 12, 125-138.	3.5	6
9	Structural functionality, catalytic mechanism modeling and molecular allergenicity of phenylcoumaran benzylic ether reductase, an olive pollen (Ole e 12) allergen. Journal of Computer-Aided Molecular Design, 2013, 27, 873-895.	2.9	15
10	FTIR Analysis of Soil Organic Matter to Link the Turnover of Organic Inputs with Carbon Respiration Rates. , 2013, , 37-42.		2
11	SOLUBLE METAL POOL AS AFFECTED BY SOIL ADDITION WITH ORGANIC INPUTS. Environmental Toxicology and Chemistry, 2013, 32, 1027-1032.	4.3	8
12	Protein Bodies in Cotyledon Cells Exhibit Differential Patterns of Legumin-Like Proteins Mobilization during Seedling Germinating States. American Journal of Plant Sciences, 2013, 04, 2444-2454.	0.8	8
13	Molecular Composition of Microaggregates from Artificial Soils Based on Organic Wastes and Fe-Rich Mud by FTIR Analysis. , 2013, , 1137-1141.		0
14	Manganese Toxicity in Barley is Controlled by Solution Manganese and Soil Manganese Speciation. Soil Science Society of America Journal, 2012, 76, 399-407.	2.2	37
15	Effects of soil water content and organic matter addition on the speciation and bioavailability of heavy metals. Science of the Total Environment, 2012, 423, 55-61.	8.0	102
16	Desorption of two organophosphorous pesticides from soil with wastewater andÂsurfactant solutions. Journal of Environmental Management, 2012, 95, S223-S227.	7.8	14
17	Environmental hazard of cadmium, copper, lead and zinc in metal-contaminated soils remediated by sulfosuccinamate formulation. Journal of Environmental Monitoring, 2011, 13, 2830.	2.1	14
18	Mechanisms of enhanced mobilisation of trace metals by anionic surfactants in soil. Environmental Pollution, 2011, 159, 809-816.	7.5	29

Maria Carmen

#	Article	IF	CITATIONS
19	Release of Metals from Metalâ€Amended Soil Treated with a Sulfosuccinamate Surfactant: Effects of Surfactant Concentration, Soil/Solution Ratio, and pH. Journal of Environmental Quality, 2010, 39, 1298-1305.	2.0	11
20	Bioavailability and Redistribution of Trace Metals in Soil Washed with a Sulfosuccinamate Formulation. , 2010, , 91-93.		0
21	Dissipation of insecticides in a Mediterranean soil in the presence of wastewater and surfactant solutions. A kinetic model approach. Water Research, 2009, 43, 2481-2492.	11.3	21
22	Interaction of pesticides with a surfactant-modified soil interface: Effect of soil properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 306, 49-55.	4.7	22
23	Retention of organophosphorous insecticides on a calcareous soil modified by organic amendments and a surfactant. Science of the Total Environment, 2007, 378, 109-113.	8.0	29
24	Response surface methodology for the microwave-assisted extraction of insecticides from soil samples. Analytical and Bioanalytical Chemistry, 2007, 389, 619-630.	3.7	24
25	Stability of Organic Matter in Anthropic Soils: A Spectroscopic Approach. , 0, , .		5
26	Metabolomics for Soil Contamination Assessment. , 0, , .		5
27	The Role of Aluminum-Organo Complexes in Soil Organic Matter Dynamics. , 0, , .		1
28	Testing Methods for Agriculture and Food Safety. , 0, , .		1