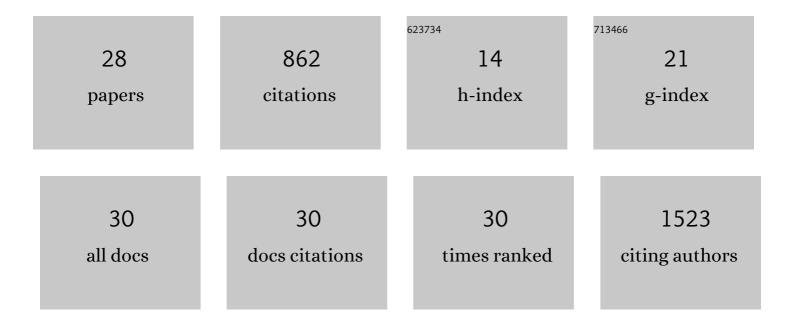
Maria Carmen HernÃ;ndez-Soriano

List of Publications by Year in descending order

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Maria Carmen

#	Article	lF	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	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
3	Silver sulfide nanoparticles (Ag ₂ S-NPs) are taken up by plants and are phytotoxic. Nanotoxicology, 2015, 9, 1041-1049.	3.0	96
4	Biochar affects carbon composition and stability in soil: a combined spectroscopy-microscopy study. Scientific Reports, 2016, 6, 25127.	3.3	80
5	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
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	Soil Organic Carbon Stabilization: Mapping Carbon Speciation from Intact Microaggregates. Environmental Science & Technology, 2018, 52, 12275-12284.	10.0	50
8	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
9	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
10	Mechanisms of enhanced mobilisation of trace metals by anionic surfactants in soil. Environmental Pollution, 2011, 159, 809-816.	7.5	29
11	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
12	Response surface methodology for the microwave-assisted extraction of insecticides from soil samples. Analytical and Bioanalytical Chemistry, 2007, 389, 619-630.	3.7	24
13	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
14	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
15	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
16	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
17	Desorption of two organophosphorous pesticides from soil with wastewater andÂsurfactant solutions. Journal of Environmental Management, 2012, 95, S223-S227.	7.8	14
18	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

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#	Article	IF	CITATIONS
19	SOLUBLE METAL POOL AS AFFECTED BY SOIL ADDITION WITH ORGANIC INPUTS. Environmental Toxicology and Chemistry, 2013, 32, 1027-1032.	4.3	8
20	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
21	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
22	Stability of Organic Matter in Anthropic Soils: A Spectroscopic Approach. , 0, , .		5
23	Metabolomics for Soil Contamination Assessment. , 0, , .		5
24	FTIR Analysis of Soil Organic Matter to Link the Turnover of Organic Inputs with Carbon Respiration Rates. , 2013, , 37-42.		2
25	The Role of Aluminum-Organo Complexes in Soil Organic Matter Dynamics. , 0, , .		1
26	Testing Methods for Agriculture and Food Safety. , 0, , .		1
27	Bioavailability and Redistribution of Trace Metals in Soil Washed with a Sulfosuccinamate Formulation. , 2010, , 91-93.		0
28	Molecular Composition of Microaggregates from Artificial Soils Based on Organic Wastes and Fe-Rich Mud by FTIR Analysis. , 2013, , 1137-1141.		0