

Rafael Boluda

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.

47
papers

2,052
citations

26
h-index

45
g-index

50
ext. papers

2,313
ext. citations

5.1
avg, IF

4.63
L-index

#	Paper	IF	Citations
47	Heavy metals incidence in the application of inorganic fertilizers and pesticides to rice farming soils. <i>Environmental Pollution</i> , 1996 , 92, 19-25	9.3	277
46	Impact of 70 years urban growth associated with heavy metal pollution. <i>Environmental Pollution</i> , 2015 , 196, 156-63	9.3	157
45	Spatial relations of heavy metals in arable and greenhouse soils of a Mediterranean environment region (Spain). <i>Geoderma</i> , 2013 , 200-201, 180-188	6.7	135
44	Composting rice straw with sewage sludge and compost effects on the soil-plant system. <i>Chemosphere</i> , 2009 , 75, 781-7	8.4	126
43	Assessment of the soil organic carbon stock in Spain. <i>Geoderma</i> , 2016 , 264, 117-125	6.7	103
42	Determination and evaluation of cadmium, lead and nickel in greenhouse soils of Almería (Spain). <i>Chemosphere</i> , 2004 , 55, 1027-34	8.4	100
41	Influence of soil water content on the thermal infrared emissivity of bare soils: Implication for land surface temperature determination. <i>Journal of Geophysical Research</i> , 2007 , 112,		98
40	Background levels and baseline values of available heavy metals in Mediterranean greenhouse soils (Spain). <i>Journal of Geochemical Exploration</i> , 2011 , 110, 186-192	3.8	61
39	Selenium and heavy metals content in some Mediterranean soils. <i>Journal of Geochemical Exploration</i> , 2010 , 107, 110-116	3.8	60
38	Effects of <i>Rosmarinus officinalis</i> and <i>Salvia officinalis</i> essential oils on <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae). <i>Industrial Crops and Products</i> , 2013 , 48, 106-110	5.9	56
37	Accumulation of Pb and Zn in <i>Bidens triplinervia</i> and <i>Senecio</i> sp. spontaneous species from mine spoils in Peru and their potential use in phytoremediation. <i>Journal of Geochemical Exploration</i> , 2012 , 123, 109-113	3.8	56
36	Shoot accumulation of several trace elements in native plant species from contaminated soils in the Peruvian Andes. <i>Journal of Geochemical Exploration</i> , 2012 , 113, 106-111	3.8	53
35	Characteristics of rice straw and sewage sludge as composting materials in Valencia (Spain). <i>Bioresource Technology</i> , 2004 , 95, 107-12	11	51
34	Application of the Microtox test and pollution indices to the study of water toxicity in the Albufera Natural Park (Valencia, Spain). <i>Chemosphere</i> , 2002 , 46, 355-69	8.4	46
33	Characterisation of Bobal and Crujidera grape cultivars, in comparison with Tempranillo and Cabernet Sauvignon: Evolution of leaf macronutrients and berry composition during grape ripening. <i>Food Chemistry</i> , 2008 , 108, 182-190	8.5	40
32	Soil Moisture Effect on Thermal Infrared (8-13- μ m) Emissivity. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 2251-2260	8.1	39
31	Screening for new accumulator plants in potential hazards elements polluted soil surrounding Peruvian mine tailings. <i>Catena</i> , 2016 , 136, 66-73	5.8	38

30	Determination and assessment of mercury content in calcareous soils. <i>Chemosphere</i> , 2010 , 78, 409-15	8.4	38
29	Optimization of a solid-phase extraction technique for the extraction of pesticides from soil samples. <i>Journal of Chromatography A</i> , 1996 , 719, 69-76	4.5	37
28	Soil plate bioassay: an effective method to determine ecotoxicological risks. <i>Chemosphere</i> , 2011 , 84, 1-8	8.4	36
27	Environmental cadmium, lead and nickel contamination: possible relationship between soil and vegetable content. <i>Fresenius Journal of Analytical Chemistry</i> , 1991 , 339, 654-657		35
26	Determination of pesticides in soil samples by solid phase extraction disks. <i>Chromatographia</i> , 1993 , 36, 187-190	2.1	33
25	Dissipation and distribution of atrazine, simazine, chlorpyrifos, and tetradifon residues in citrus orchard soil. <i>Archives of Environmental Contamination and Toxicology</i> , 1997 , 32, 346-52	3.2	32
24	Seasonal cardenolide production and Dop5betar gene expression in natural populations of <i>Digitalis obscura</i> . <i>Phytochemistry</i> , 2004 , 65, 1869-78	4	32
23	Distribution of heavy metals in rice farming soils. <i>Archives of Environmental Contamination and Toxicology</i> , 1995 , 29, 476	3.2	29
22	Analysis of pharmaceutical biodegradation of WWTP sludge using composting and identification of certain microorganisms involved in the process. <i>Science of the Total Environment</i> , 2018 , 640-641, 840-848	10.2	28
21	Soil features in rookeries of Antarctic penguins reveal sea to land biotransport of chemical pollutants. <i>PLoS ONE</i> , 2017 , 12, e0181901	3.7	26
20	Direct and indirect exogenous contamination by pesticides of rice-farming soils in a Mediterranean wetland. <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 44, 141-51	3.2	25
19	Relation between reflectance of rice crop and indices of pollution by heavy metals in soils of albufera natural park (Valencia, Spain). <i>Soil and Tillage Research</i> , 1993 , 6, 351-363		23
18	Pyrolysis-Gas Chromatography/Mass Spectrometry of Soil Organic Matter Extracted from a Brazilian Mangrove and Spanish Salt Marshes. <i>Soil Science Society of America Journal</i> , 2009 , 73, 841-851	2.5	18
17	Comparison of three sequential extraction procedures for trace element partitioning in three contaminated Mediterranean soils. <i>Environmental Geochemistry and Health</i> , 2008 , 30, 171-5	4.7	18
16	Soil organic carbon stock on the Majorca Island: Temporal change in agricultural soil over the last 10 years. <i>Catena</i> , 2019 , 181, 104087	5.8	16
15	Assessing soil contamination and temporal trends of heavy metal contents in greenhouses on semiarid land. <i>Land Degradation and Development</i> , 2018 , 29, 3344-3354	4.4	16
14	Influence of parent material and soil use on arsenic forms in soils: A case study in the Ambler Valley (Castilla-León, Spain). <i>Journal of Geochemical Exploration</i> , 2014 , 147, 260-267	3.8	16
13	Determination of thiobencarb residues in water and soil using solid-phase extraction discs. <i>Journal of Chromatography A</i> , 1994 , 678, 375-379	4.5	14

12	SOIL CHARACTERISTICS, MINERAL NUTRIENTS, BIOMASS, AND CARDENOLIDE PRODUCTION IN DIGITALIS OBSCURA WILD POPULATIONS. <i>Journal of Plant Nutrition</i> , 2002 , 25, 2015-2026	2.3	13
11	Chemical and spectroscopic characteristics of humic acids in marshes from the Iberian Peninsula. <i>Journal of Soils and Sediments</i> , 2013 , 13, 253-264	3.4	10
10	Ecological risk assessment of mercury and chromium in greenhouse soils. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 313-324	4.7	10
9	Seasonal Variation in Nutrient Status of Foxglove Leaves. <i>Journal of Plant Nutrition</i> , 2006 , 29, 1077-1084	2.3	8
8	Soil-plant relationships, micronutrient contents, and cardenolide production in natural populations of <i>Digitalis obscura</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2004 , 167, 79-84	2.3	8
7	Relationships among soil characteristics, plant macronutrients, and cardenolide accumulation in natural populations of <i>Digitalis obscura</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2005 , 168, 774-780	2.3	7
6	Cover crops and pruning in Bobal and Tempranillo vineyards have little influence on grapevine nutrition. <i>Scientia Agricola</i> , 2016 , 73, 260-265	2.5	6
5	Trends in soil mercury stock associated with pollution sources on a Mediterranean island (Majorca, Spain). <i>Environmental Pollution</i> , 2021 , 283, 117397	9.3	6
4	Determination of enzymatic activities using a miniaturized system as a rapid method to assess soil quality. <i>European Journal of Soil Science</i> , 2014 , 65, 286-294	3.4	5
3	Persistence of pesticide residues in orchard soil. <i>Science of the Total Environment</i> , 1994 , 156, 199-205	10.2	5
2	CONTENT AND EVOLUTION OF MERCURY IN GREENHOUSE SOILS OF ALMERIA, SPAIN. <i>Acta Horticulturae</i> , 2012 , 821-826	0.3	2
1	Relationship between cobalt, copper and zinc content of soils and vegetables. <i>Molecular Nutrition and Food Research</i> , 1992 , 36, 451-460		2