

Jose Antonio Rodriguez Martin

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.

59
papers

2,427
citations

24
h-index

49
g-index

62
ext. papers

2,893
ext. citations

6.4
avg, IF

5.13
L-index

#	Paper	IF	Citations
59	Soil nematode abundance and functional group composition at a global scale. <i>Nature</i> , 2019 , 572, 194-198	10.4	305
58	Heavy metals contents in agricultural topsoils in the Ebro basin (Spain). Application of the multivariate geostatistical methods to study spatial variations. <i>Environmental Pollution</i> , 2006 , 144, 1001-12	9.7	305
57	Multiscale analysis of heavy metal contents in Spanish agricultural topsoils. <i>Chemosphere</i> , 2008 , 70, 1085-96	8.96	171
56	Impact of 70 years urban growth associated with heavy metal pollution. <i>Environmental Pollution</i> , 2015 , 196, 156-63	9.3	157
55	Multiscale analysis of heavy metal contents in soils: Spatial variability in the Duero river basin (Spain). <i>Geoderma</i> , 2012 , 189-190, 554-562	6.7	136
54	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
53	Assessment of the soil organic carbon stock in Spain. <i>Geoderma</i> , 2016 , 264, 117-125	6.7	103
52	Effects of municipal solid waste compost and mineral fertilizer amendments on soil properties and heavy metals distribution in maize plants (<i>Zea mays</i> L.). <i>Chemosphere</i> , 2011 , 85, 1614-23	8.4	100
51	Effect of soil properties, heavy metals and emerging contaminants in the soil nematodes diversity. <i>Environmental Pollution</i> , 2016 , 213, 184-194	9.3	59
50	Soil as an archive of coal-fired power plant mercury deposition. <i>Journal of Hazardous Materials</i> , 2016 , 308, 131-8	12.8	58
49	Effect of mine tailing on the spatial variability of soil nematodes from lead pollution in La Union (Spain). <i>Science of the Total Environment</i> , 2014 , 473-474, 518-29	10.2	46
48	Ecological risk of heavy metal hotspots in topsoils in the Province of Golestan, Iran. <i>Journal of Geochemical Exploration</i> , 2014 , 147, 268-276	3.8	46
47	Geospatial patterns of soil properties and the biological control potential of entomopathogenic nematodes in Florida citrus groves. <i>Soil Biology and Biochemistry</i> , 2013 , 66, 163-174	7.5	46
46	Impact of gold mining associated with mercury contamination in soil, biota sediments and tailings in Kenya. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12426-35	5.1	43
45	Occurrence and analysis of selected pharmaceutical compounds in soil from Spanish agricultural fields. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4772-82	5.1	42
44	Assessment of soil health indicators for sustainable production of maize in smallholder farming systems in the highlands of Cameroon. <i>Geoderma</i> , 2016 , 276, 64-73	6.7	39
43	Transgenic nematodes as biosensors for metal stress in soil pore water samples. <i>Ecotoxicology</i> , 2012 , 21, 439-55	2.9	37

42	Source identification of soil mercury in the Spanish islands. <i>Archives of Environmental Contamination and Toxicology</i> , 2013 , 64, 171-9	3.2	37
41	Use of transgenic GFP reporter strains of the nematode <i>Caenorhabditis elegans</i> to investigate the patterns of stress responses induced by pesticides and by organic extracts from agricultural soils. <i>Ecotoxicology</i> , 2013 , 22, 72-85	2.9	36
40	Factors Controlling the Spatial Variability of Copper in Topsoils of the Northeastern Region of the Iberian Peninsula, Spain. <i>Water, Air, and Soil Pollution</i> , 2007 , 186, 311-321	2.6	36
39	The uncoupling of secondary growth, cone and litter production by intradecadal climatic variability in a mediterranean scots pine forest. <i>Forest Ecology and Management</i> , 2007 , 253, 19-29	3.9	36
38	Orchard and horticulture systems in Spanish Mediterranean coastal areas: Is there a real possibility to contribute to C sequestration?. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 238, 153-167	5.7	31
37	Scale-dependent correlations between soil heavy metals and As around four coal-fired power plants of northern Greece. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 1531-1543	3.5	28
36	Potentially toxic elements in commonly consumed fish species from the western Mediterranean Sea (Almería Bay): Bioaccumulation in liver and muscle tissues in relation to biometric parameters. <i>Science of the Total Environment</i> , 2019 , 671, 280-287	10.2	27
35	Volcanic mercury in <i>Pinus canariensis</i> . <i>Die Naturwissenschaften</i> , 2013 , 100, 739-47	2	24
34	A global database of soil nematode abundance and functional group composition. <i>Scientific Data</i> , 2020 , 7, 103	8.2	22
33	Entomopathogenic nematode food web assemblages in Florida natural areas. <i>Soil Biology and Biochemistry</i> , 2016 , 93, 105-114	7.5	21
32	Vegetation drives assemblages of entomopathogenic nematodes and other soil organisms: Evidence from the Algarve, Portugal. <i>Soil Biology and Biochemistry</i> , 2019 , 128, 150-163	7.5	21
31	Entomopathogenic nematode food webs in an ancient, mining pollution gradient in Spain. <i>Science of the Total Environment</i> , 2016 , 572, 312-323	10.2	19
30	Wood and bark of <i>Pinus halepensis</i> as archives of heavy metal pollution in the Mediterranean Region. <i>Environmental Pollution</i> , 2018 , 239, 438-447	9.3	18
29	Using fuzzy clustering algorithms to describe the distribution of trace elements in arable calcareous soils in northwest Iran. <i>Archives of Agronomy and Soil Science</i> , 2013 , 59, 435-448	2	18
28	Mercury content in topsoils, and geostatistical methods to identify anthropogenic input in the Ebro basin (Spain). <i>Spanish Journal of Agricultural Research</i> , 2009 , 7, 107	1.1	18
27	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
26	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
25	Influence of parent material and soil use on arsenic forms in soils: A case study in the Ambles Valley (Castilla-León, Spain). <i>Journal of Geochemical Exploration</i> , 2014 , 147, 260-267	3.8	16

24	Factors Controlling the Spatial Variability of Mercury Distribution in Spanish Topsoil. <i>Soil and Sediment Contamination</i> , 2009 , 18, 30-42	3.2	16
23	Modeling Regional Effects of Climate Change on Soil Organic Carbon in Spain. <i>Journal of Environmental Quality</i> , 2018 , 47, 644-653	3.4	15
22	Landscape approach to assess key soil functional properties in the highlands of Cameroon: Repercussions of spatial relationships for land management interventions. <i>Journal of Geochemical Exploration</i> , 2017 , 178, 35-44	3.8	12
21	Local deposition of mercury in topsoils around coal-fired power plants: is it always true?. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 10205-14	5.1	12
20	Trace and major element associations in basaltic ash soils of El Hierro Island. <i>Journal of Geochemical Exploration</i> , 2014 , 147, 277-282	3.8	12
19	Sublethal and chronic effects of reclaimed water on aquatic organisms. Looking for relationships between physico-chemical characterisation and toxic effects. <i>Science of the Total Environment</i> , 2018 , 640-641, 1537-1547	10.2	11
18	Ecological risk assessment of mercury and chromium in greenhouse soils. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 313-324	4.7	10
17	An assessment of the variation of soil properties with landscape attributes in the highlands of Cameroon. <i>Land Degradation and Development</i> , 2018 , 29, 2496-2505	4.4	10
16	Spatial relations of mercury contents in Pike (<i>Esox lucius</i>) and sediments concentration of the Anzali wetland, along the southern shores of the Caspian Sea, Iran. <i>Marine Pollution Bulletin</i> , 2014 , 84, 97-103	6.7	8
15	Trace elements concentrations in soil, desert-adapted and non-desert plants in central Iran: Spatial patterns and uncertainty analysis. <i>Environmental Pollution</i> , 2018 , 243, 270-281	9.3	8
14	Artisanal gold-mining in a rural environment: Land degradation in Kenya. <i>Land Degradation and Development</i> , 2018 , 29, 3285-3293	4.4	7
13	Effects of Sugar Foam Liming on the Water-Retention Properties of Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2015 , 46, 1299-1308	1.5	6
12	Patterns of Occurrence and Activity of Entomopathogenic Fungi in the Algarve (Portugal) Using Different Isolation Methods. <i>Insects</i> , 2020 , 11,	2.8	6
11	Copper Content and Export in European Vineyard Soils Influenced by Climate and Soil Properties. <i>Environmental Science & Technology</i> , 2021 , 55, 7327-7334	10.3	6
10	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
9	Levels and variability of metals in soils of the province of Golestan (Iran). <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 67, 617-29	3.2	4
8	Spatial methods to analyze the relationship between Spanish soil properties and cadmium content. <i>Chemosphere</i> , 2021 , 268, 129347	8.4	3
7	Spatial variability of heavy metal concentrations in vineyard soils on Malayer Plains (Iran). <i>Environmental Forensics</i> , 2016 , 17, 87-96	1.6	2

6	Effects of dietary 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) exposure on medaka (<i>Oryzias latipes</i>) swimming behavior. <i>Environmental Pollution</i> , 2018 , 233, 540-551	9.3	2
5	Mercury contents in relation to biometrics and proximal composition and nutritional levels of fish eaten from the Western Mediterranean Sea (Almería bay). <i>Marine Pollution Bulletin</i> , 2018 , 135, 783-789	6.7	1
4	Forested landscapes dynamics in relation to forest fire occurrence in peninsular Spain: 1987-2000. <i>Investigacion Agraria Sistemas Y Recursos Forestales</i> , 2008 , 17, 143		1
3	Cd and Pb bioaccumulation in Eurasian watermilfoil (<i>Myriophyllum spicatum</i>) in relation to the role of metal contents in wetland sediments. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 518	3.1	1
2	Health risk assessment associated to heavy metal pollution levels in Mediterranean environment soils: a case study in the watershed of Sebkhet Ariana, Tunisia. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	0
1	Effect of dairy cattle production systems on sustaining soil organic carbon storage in grasslands of northern Spain. <i>Regional Environmental Change</i> , 2022 , 22, 1	4.3	0