

Ignacio Santa-Regina

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

3,108
citations

201674

27
h-index

243625

44
g-index

44
all docs

44
docs citations

44
times ranked

6306
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database " enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
2	Plant species diversity, plant biomass and responses of the soil community on abandoned land across Europe: idiosyncrasy or above-belowground time lags. <i>Oikos</i> , 2003, 103, 45-58.	2.7	204
3	Correlation among soil enzyme activities under different forest system management practices. <i>Ecological Engineering</i> , 2011, 37, 1123-1131.	3.6	165
4	Separating the chance effect from other diversity effects in the functioning of plant communities. <i>Oikos</i> , 2001, 92, 123-134.	2.7	132
5	BAAD: a Biomass And Allometry Database for woody plants. <i>Ecology</i> , 2015, 96, 1445-1445.	3.2	122
6	Reclassification of <i>Pseudomonas aurantiaca</i> as a synonym of <i>Pseudomonas chlororaphis</i> and proposal of three subspecies, <i>P. chlororaphis</i> subsp. <i>chlororaphis</i> subsp. nov., <i>P. chlororaphis</i> subsp. <i>aureofaciens</i> subsp. nov., comb. nov. and <i>P. chlororaphis</i> subsp. <i>aurantiaca</i> subsp. nov., comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1286-1290.	1.7	99
7	Biomass, nutrient content, litterfall and nutrient return to the soil in Mediterranean oak forests. <i>Forest Ecology and Management</i> , 1999, 119, 39-49.	3.2	97
8	Long-term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on ex-arable fields. <i>Applied Vegetation Science</i> , 2007, 10, 97-110.	1.9	93
9	Evaluation of various chemical extraction methods to estimate plant-available arsenic in mine soils. <i>Chemosphere</i> , 2008, 70, 1459-1467.	8.2	84
10	Antimony, arsenic and lead distribution in soils and plants of an agricultural area impacted by former mining activities. <i>Science of the Total Environment</i> , 2012, 439, 35-43.	8.0	74
11	Arsenic, antimony, and other trace element contamination in a mine tailings affected area and uptake by tolerant plant species. <i>Environmental Geochemistry and Health</i> , 2011, 33, 353-362.	3.4	65
12	Adaptation, tolerance, and evolution of plant species in a pyrite mine in response to contamination level and properties of mine tailings: sustainable rehabilitation. <i>Journal of Soils and Sediments</i> , 2013, 13, 730-741.	3.0	65
13	<i>Pseudomonas lutea</i> sp. nov., a novel phosphate-solubilizing bacterium isolated from the rhizosphere of grasses. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 847-850.	1.7	59
14	Mercury in soils and plants in an abandoned cinnabar mining area (SW Spain). <i>Journal of Hazardous Materials</i> , 2009, 168, 1319-1324.	12.4	55
15	Nutrient cycling in a natural beech forest and adjacent planted pine in northern Spain. <i>Forestry</i> , 2001, 74, 11-28.	2.3	49
16	Antimony and Arsenic Uptake by Plants in an Abandoned Mining Area. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 1255-1275.	1.4	49
17	<i>Burkholderia ferrariae</i> sp. nov., isolated from an iron ore in Brazil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2421-2425.	1.7	45
18	Zinc, cadmium and thallium distribution in soils and plants of an area impacted by sphalerite-bearing mine wastes. <i>Geoderma</i> , 2013, 207-208, 25-34.	5.1	45

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19	Biomass estimation and nutrient pools in four <i>Quercus pyrenaica</i> in Sierra de Gata Mountains, Salamanca, Spain. <i>Forest Ecology and Management</i> , 2000, 132, 127-141.	3.2	41
20	Arsenic distribution in soils and plants of an arsenic impacted former mining area. <i>Environmental Pollution</i> , 2011, 159, 2637-2647.	7.5	41
21	Diversity and community structure of culturable arsenic-resistant bacteria across a soil arsenic gradient at an abandoned tungsten-tin mining area. <i>Chemosphere</i> , 2011, 85, 129-134.	8.2	39
22	Long-term effectiveness of sowing high and low diversity seed mixtures to enhance plant community development on ex-arable fields. <i>Applied Vegetation Science</i> , 2007, 10, 97.	1.9	36
23	Litter fall, decomposition and nutrient release in three semi-arid forests of the Duero basin, Spain. <i>Forestry</i> , 2001, 74, 347-358.	2.3	34
24	Forest Management and Plant Species Diversity in Chestnut Stands of Three Mediterranean Areas. <i>Biodiversity and Conservation</i> , 2006, 15, 1129-1142.	2.6	31
25	Nutrient pools to the soil through organic matter and throughfall under a Scots pine plantation in the Sierra de la Demanda, Spain. <i>European Journal of Soil Biology</i> , 2001, 37, 125-133.	3.2	30
26	Arsenic Bioavailability in Polluted Mining Soils and Uptake by Tolerant Plants (El Cabaco mine, Spain). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 29-35.	2.7	30
27	<i>Paenibacillus castaneae</i> sp. nov., isolated from the phyllosphere of <i>Castanea sativa</i> Miller. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2560-2564.	1.7	29
28	Nutrient cycling in deciduous forest ecosystems of the Sierra de Gata mountains: nutrient supplies to the soil through both litter and throughfall. <i>Annales Des Sciences Forestières</i> , 1998, 55, 771-784.	1.2	24
29	Mobility and phytoavailability of arsenic in an abandoned mining area. <i>Geoderma</i> , 2011, 166, 153-161.	5.1	22
30	Mobility and phytoavailability of antimony in an area impacted by a former stibnite mine exploitation. <i>Science of the Total Environment</i> , 2013, 449, 260-268.	8.0	22
31	Foliar nutrient dynamics and nutrient-use efficiency in <i>Castanea sativa</i> coppice stands of southern Europe. <i>Forestry</i> , 2001, 74, 1-10.	2.3	20
32	<i>Acinetobacter</i> strains IH9 and OCI1, two rhizospheric phosphate solubilizing isolates able to promote plant growth, constitute a new genomovar of <i>Acinetobacter calcoaceticus</i> . <i>Systematic and Applied Microbiology</i> , 2009, 32, 334-341.	2.8	20
33	Organic matter and nitrogen dynamics in a mature forest of common beech in the Sierra de la Demanda, Spain. <i>Annals of Forest Science</i> , 2001, 58, 301-314.	2.0	20
34	Cadmium and zinc in polluted mining soils and uptake by plants (El Losar mine, Spain). <i>International Journal of Environment and Pollution</i> , 2008, 33, 146.	0.2	18
35	Nutrient Return to the Soil Through Litterfall and Throughfall Under Beech and Pine Stands of Sierra de la Demanda, Spain. <i>Arid Land Research and Management</i> , 2000, 14, 239-252.	0.3	17
36	Nutrient cycling in deciduous forest ecosystems of the Sierra de Gata mountains: aboveground litter production and potential nutrient return. <i>Annales Des Sciences Forestières</i> , 1998, 55, 749-769.	1.2	16

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37	Identification of Canola Roots Endophytic Bacteria and Analysis of Their Potential as Biofertilizers for Canola Crops with Special Emphasis on Sporulating Bacteria. <i>Agronomy</i> , 2021, 11, 1796.	3.0	15
38	<i>Pseudomonas edaphica</i> sp. nov., isolated from rhizospheric soil of <i>Cistus ladanifer</i> L. in Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3141-3147.	1.7	13
39	Natural Diversity of Nodular Microsymbionts of <i>Alnus glutinosa</i> in the Tormes River Basin. <i>Plant and Soil</i> , 2006, 280, 373-383.	3.7	12
40	Culturable bacterial diversity from the chestnut (<i>Castanea sativa</i> Mill.) phyllosphere and antagonism against the fungi causing the chestnut blight and ink diseases. <i>AIMS Microbiology</i> , 2017, 3, 293-314.	2.2	11
41	Organic matter dynamics in beech and pine stands of mountainous Mediterranean climate area. <i>Annales Des Sciences Forestières</i> , 1999, 56, 667-677.	1.2	11
42	Effects of different drying processes on the concentrations of metals and metalloids in plant materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 29-34.	1.5	8
43	Title is missing!. <i>Plant Ecology</i> , 1997, 133, 49-56.	1.6	6
44	Aboveground Biomass and Nutrient Pools in Two Evergreen Oak Stands of the Middle Moroccan Atlas Area. <i>Arid Land Research and Management</i> , 2013, 27, 188-202.	1.6	2