

Isabel Miralles

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

912
citations

777949

13
h-index

685536

24
g-index

25
all docs

25
docs citations

25
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in Brantâ€™s oak (<i>Quercus brantii</i> Lindl.) leaf traits in response to pollution from a gas refinery in semiarid forests of western Iran. <i>Environmental Science and Pollution Research</i> , 2022, 29, 10366-10379.	2.7	6
2	Effects of technosols based on organic amendments addition for the recovery of the functionality of degraded quarry soils under semiarid Mediterranean climate: A field study. <i>Science of the Total Environment</i> , 2022, 816, 151572.	3.9	14
3	Limited contribution of post-fire eco-engineering techniques to support post-fire plant diversity. <i>Science of the Total Environment</i> , 2022, 815, 152894.	3.9	6
4	Evaluating the effects of forest tree species on rill detachment capacity in a semi-arid environment. <i>Ecological Engineering</i> , 2021, 161, 106158.	1.6	12
5	Effects of plant species on soil quality in natural and planted areas of a forest park in northern Iran. <i>Science of the Total Environment</i> , 2021, 778, 146310.	3.9	16
6	Role of organic amendment application on soil quality, functionality and greenhouse emission in a limestone quarry from semiarid ecosystems. <i>Applied Soil Ecology</i> , 2021, 164, 103925.	2.1	18
7	Environmental and ecological factors influencing soil functionality of biologically crusted soils by different lichen species in drylands. <i>Science of the Total Environment</i> , 2021, 794, 148491.	3.9	13
8	Functional and Taxonomic Effects of Organic Amendments on the Restoration of Semiarid Quarry Soils. <i>MSystems</i> , 2021, 6, e0075221.	1.7	4
9	Effects of Skidding Operations after Tree Harvesting and Soil Scarification by Felled Trees on Initial Seedling Emergence of Spanish Black Pine (<i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i>). <i>Forests</i> , 2020, 11, 767.	0.9	12
10	Organic amendments and mulches modify soil porosity and infiltration in semiarid mine soils. <i>Land Degradation and Development</i> , 2018, 29, 1019-1030.	1.8	54
11	Water harvesting techniques based on terrain modification enhance vegetation survival in dryland restoration. <i>Catena</i> , 2018, 167, 319-326.	2.2	14
12	Changes in the soil bacterial community along a pedogenic gradient. <i>Scientific Reports</i> , 2017, 7, 14593.	1.6	44
13	Humanâ€™Landscape Interactions during the Early and High Medieval Period in Central Spain Based on New Estimates of Sediment Yield from the Melque Agricultural Complex. <i>Geoarchaeology - an International Journal</i> , 2017, 32, 177-188.	0.7	4
14	The combination of quarry restoration strategies in semiarid climate induces different responses in biochemical and microbiological soil properties. <i>Applied Soil Ecology</i> , 2016, 107, 33-47.	2.1	51
15	Restoration techniques affect soil organic carbon, glomalin and aggregate stability in degraded soils of a semiarid Mediterranean region. <i>Catena</i> , 2016, 143, 256-264.	2.2	63
16	Effect of Organic and Synthetic Fertilizers on the Crop Yield and Macronutrients Contents in Soil and Pepper. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 1216-1226.	0.6	3
17	Capacity of biological soil crusts colonized by the lichen <i>Diploschistes</i> to metabolize simple phenols. <i>Plant and Soil</i> , 2014, 385, 229-240.	1.8	6
18	Labile carbon in biological soil crusts in the Tabernas desert, SE Spain. <i>Soil Biology and Biochemistry</i> , 2013, 58, 1-8.	4.2	57

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19	Soil Organic Carbon Predictions by Airborne Imaging Spectroscopy: Comparing Cross-Validation and Validation. Soil Science Society of America Journal, 2012, 76, 2174-2183.	1.2	46
20	Biological soil crust development affects physicochemical characteristics of soil surface in semiarid ecosystems. Soil Biology and Biochemistry, 2012, 49, 96-105.	4.2	267
21	Hydrolase enzyme activities in a successional gradient of biological soil crusts in arid and semi-arid zones. Soil Biology and Biochemistry, 2012, 53, 124-132.	4.2	68
22	Biological and microbial activity in biological soil crusts from the Tabernas desert, a sub-arid zone in SE Spain. Soil Biology and Biochemistry, 2012, 55, 113-121.	4.2	47
23	Soil quality and organic carbon ratios in mountain agroecosystems of South-east Spain. Geoderma, 2009, 150, 120-128.	2.3	56
24	Assessment of biogeochemical trends in soil organic matter sequestration in Mediterranean calcimorphic mountain soils (Almería, Southern Spain). Soil Biology and Biochemistry, 2007, 39, 2459-2470.	4.2	31
25	Seedling biochemical and ecophysiological traits improved under the patch-canopy microhabitats of medium-sized oak trees in a semi-arid forest. Trees - Structure and Function, 0, , 1.	0.9	0