

Oscar Gonzalez-Pelayo

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

652
citations

567281

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839539

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19
all docs

19
docs citations

19
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of barley straw residues to avoid high erosion and runoff rates on persimmon plantations in Eastern Spain under low frequency "high magnitude simulated rainfall events. <i>Soil Research</i> , 2016, 54, 154.	1.1	174
2	Occurrence of soil erosion after repeated experimental fires in a Mediterranean environment. <i>Geomorphology</i> , 2006, 82, 376-387.	2.6	60
3	Runoff and inter-rill erosion in a Maritime Pine and a Eucalypt plantation following wildfire and terracing in north-central Portugal. <i>Journal of Hydrology and Hydromechanics</i> , 2013, 61, 261-268.	2.0	50
4	Fire-induced pine woodland to shrubland transitions in Southern Europe may promote shifts in soil fertility. <i>Science of the Total Environment</i> , 2016, 573, 1232-1241.	8.0	46
5	COMPARATIVE ANALYSIS OF POLICIES TO DEAL WITH WILDFIRE RISK. <i>Land Degradation and Development</i> , 2014, 25, 92-103.	3.9	43
6	Combining digital soil mapping and hydrological modeling in a data scarce watershed in north-central Portugal. <i>Geoderma</i> , 2016, 264, 350-362.	5.1	40
7	Hydrological properties of a Mediterranean soil burned with different fire intensities. <i>Catena</i> , 2006, 68, 186-193.	5.0	36
8	Rainfall influence on plot-scale runoff and soil loss from repeated burning in a Mediterranean-shrub ecosystem, Valencia, Spain. <i>Geomorphology</i> , 2010, 118, 444-452.	2.6	34
9	Post-fire soil erosion mitigation at the scale of swales using forest logging residues at a reduced application rate. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2837-2848.	2.5	29
10	Effects of fire occurrence and recurrence on nitrogen and phosphorus losses by overland flow in maritime pine plantations in north-central Portugal. <i>Geoderma</i> , 2017, 289, 97-106.	5.1	26
11	Aggregation of under canopy and bare soils in a Mediterranean environment affected by different fire intensities. <i>Catena</i> , 2008, 74, 212-218.	5.0	24
12	Effects of fire and vegetation cover on hydrological characteristics of a Mediterranean shrubland soil. <i>Hydrological Processes</i> , 2010, 24, 1504-1513.	2.6	21
13	Cementing agents involved in the macro- and microaggregation of a Mediterranean shrubland soil under laboratory heating. <i>Catena</i> , 2014, 113, 165-176.	5.0	18
14	Effects of fire recurrence and different salvage logging techniques on carbon storage in <i>Pinus pinaster</i> forests from northern Portugal. <i>European Journal of Forest Research</i> , 2016, 135, 1107-1117.	2.5	18
15	Surface and subsurface flow in eucalyptus plantations in north-central Portugal. <i>Journal of Hydrology and Hydromechanics</i> , 2015, 63, 193-200.	2.0	17
16	Relationship of Weather Types on the Seasonal and Spatial Variability of Rainfall, Runoff, and Sediment Yield in the Western Mediterranean Basin. <i>Atmosphere</i> , 2020, 11, 609.	2.3	13
17	Respuesta hidrológica y erosiva de un suelo forestal mediterráneo en recuperación de diferentes impactos. <i>Pirineos</i> , 2010, 165, 29-53.	0.6	2
18	Tamaño de Área de drenaje y conectividad hidrológica en la formación de escorrentía en cuencas semiáridas mediterráneas. <i>Cuenca aforada del Barranc del Carraixet</i> . <i>Pirineos</i> , 2010, 165, 179-192.	0.6	1