

Ãngeles G Mayor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1484035/publications.pdf>

Version: 2024-02-01

23
papers

1,151
citations

471509

17
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Spatial Pattern Predicts Hillslope Runoff and Erosion in a Semiarid Mediterranean Landscape. <i>Ecosystems</i> , 2007, 10, 987-998.	3.4	184
2	Post-fire hydrological and erosional responses of a Mediterranean landscape: Seven years of catchment-scale dynamics. <i>Catena</i> , 2007, 71, 68-75.	5.0	168
3	Measurement of the connectivity of runoff source areas as determined by vegetation pattern and topography: A tool for assessing potential water and soil losses in drylands. <i>Water Resources Research</i> , 2008, 44, .	4.2	161
4	Factors and interactions controlling infiltration, runoff, and soil loss at the microscale in a patchy Mediterranean semiarid landscape. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 1702-1711.	2.5	85
5	Scale-dependent variation in runoff and sediment yield in a semiarid Mediterranean catchment. <i>Journal of Hydrology</i> , 2011, 397, 128-135.	5.4	78
6	Comparative Assessment of Goods and Services Provided by Grazing Regulation and Reforestation in Degraded Mediterranean Rangelands. <i>Land Degradation and Development</i> , 2017, 28, 1178-1187.	3.9	57
7	Feedbacks between vegetation pattern and resource loss dramatically decrease ecosystem resilience and restoration potential in a simple dryland model. <i>Landscape Ecology</i> , 2013, 28, 931-942.	4.2	50
8	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
9	Increased aridity drives post-fire recovery of Mediterranean forests towards open shrublands. <i>New Phytologist</i> , 2020, 225, 1500-1515.	7.3	44
10	Yield Response of Mediterranean Rangelands under a Changing Climate. <i>Land Degradation and Development</i> , 2017, 28, 1962-1972.	3.9	37
11	Variation in soil enzyme activity as a function of vegetation amount, type, and spatial structure in fire-prone Mediterranean shrublands. <i>Science of the Total Environment</i> , 2016, 573, 1209-1216.	8.0	33
12	Connectivity-Mediated Ecohydrological Feedbacks and Regime Shifts in Drylands. <i>Ecosystems</i> , 2019, 22, 1497-1511.	3.4	32
13	Integrating knowledge exchange and the assessment of dryland management alternatives "A learning-centered participatory approach. <i>Journal of Environmental Management</i> , 2017, 195, 35-45.	7.8	29
14	Drought and grazing combined: Contrasting shifts in plant interactions at species pair and community level. <i>Journal of Arid Environments</i> , 2014, 111, 53-60.	2.4	28
15	Resilience of vegetation to drought: Studying the effect of grazing in a Mediterranean rangeland using satellite time series. <i>Remote Sensing of Environment</i> , 2021, 255, 112270.	11.0	27
16	A null model for assessing the cover-independent role of bare soil connectivity as indicator of dryland functioning and dynamics. <i>Ecological Indicators</i> , 2018, 94, 512-519.	6.3	26
17	Multi-scale evaluation of soil functional indicators for the assessment of water and soil retention in Mediterranean semiarid landscapes. <i>Ecological Indicators</i> , 2012, 20, 332-336.	6.3	25
18	Drought-induced regime shift and resilience of a Sahelian ecohydrosystem. <i>Environmental Research Letters</i> , 2019, 14, 105005.	5.2	12

#	ARTICLE	IF	CITATIONS
19	Disentangling the independent effects of vegetation cover and pattern on runoff and sediment yield in dryland systems – Uncovering processes through mimicked plant patches. <i>Journal of Arid Environments</i> , 2021, 193, 104585.	2.4	11
20	Advances in Understanding and Managing Catastrophic Ecosystem Shifts in Mediterranean Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	8
21	More is not necessarily better: The role of cover and spatial organization of resource sinks in the restoration of patchy drylands. <i>Journal of Arid Environments</i> , 2020, 183, 104282.	2.4	7
22	Detection and mapping of burnt areas from time series of MODIS-derived NDVI data in a Mediterranean region. <i>Open Geosciences</i> , 2014, 6, .	1.7	2
23	The role of ecohydrological (dis)connectivity in dryland functioning and management. <i>Ecosistemas</i> , 2021, 30, 2265.	0.4	1