

# Ana Lucia

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

858  
citations

471061

17  
h-index

580395

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1023  
citing authors

#	ARTICLE	IF	CITATIONS
1	More than heavy rain turning into fast-flowing water – a landscape perspective on the 2021 Eifel floods. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1845-1856.	1.5	26
2	Integrated Impact Assessment for Sustainable Hydropower Planning in the Vjosa Catchment (Greece). <i>Journal of Hydrology</i> , 2021, 591, 321-335.	1.6	15
3	Characterization of a landslide-triggered debris flow at a rainforest-covered mountain region in Brazil. <i>Natural Hazards</i> , 2021, 108, 3021-3043.	1.6	13
4	Numerical modelling of uncongested wood transport in the Rienz river. <i>Environmental Fluid Mechanics</i> , 2020, 20, 539-558.	0.7	14
5	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.	1.0	13
6	Impact of Scientific Scrutiny after the 2016 Braunsbach Flash Flood on Flood-Risk Management in the State of Baden-Württemberg, Germany. <i>Water (Switzerland)</i> , 2020, 12, 1165.	1.2	3
7	Spatial variability of the relationships of runoff and sediment yield with weather types throughout the Mediterranean basin. <i>Journal of Hydrology</i> , 2019, 571, 390-405.	2.3	49
8	The connectivity between soil erosion and sediment entrapment in reservoirs. <i>Current Opinion in Environmental Science and Health</i> , 2018, 5, 53-59.	2.1	28
9	Planform changes and large wood dynamics in two torrents during a severe flash flood in Braunsbach, Germany 2016. <i>Science of the Total Environment</i> , 2018, 640-641, 315-326.	3.9	39
10	Gully evolution and geomorphic adjustments of badlands to reforestation. <i>Scientific Reports</i> , 2017, 7, 45027.	1.6	34
11	Hydrological Signatures Based on Event Runoff Coefficients in Rural Catchments of the Iberian Peninsula. <i>Soil Science</i> , 2017, 182, 159-171.	0.9	8
12	An integrated approach for investigating geomorphic response to extreme events: methodological framework and application to the October 2011 flood in the Magra River catchment, Italy. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 835-846.	1.2	45
13	Hydrometeorological Characterization of a Flash Flood Associated with Major Geomorphic Effects: Assessment of Peak Discharge Uncertainties and Analysis of the Runoff Response. <i>Journal of Hydrometeorology</i> , 2016, 17, 3063-3077.	0.7	36
14	Large wood recruitment and transport during large floods: A review. <i>Geomorphology</i> , 2016, 269, 23-39.	1.1	138
15	Flow recession as a driver of the morpho-texture of braided streams. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 754-770.	1.2	9
16	Channel response to extreme floods: Insights on controlling factors from six mountain rivers in northern Apennines, Italy. <i>Geomorphology</i> , 2016, 272, 78-91.	1.1	89
17	Source of error and uncertainty in sheet erosion rates estimated from dendrogeomorphology. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1146-1157.	1.2	23
18	Dynamics of large wood during a flash flood in two mountain catchments. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 1741-1755.	1.5	73

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19	Combining terrestrial laser scanning and root exposure to estimate erosion rates. <i>Plant and Soil</i> , 2015, 394, 127-137.	1.8	20
20	Relationship of runoff, erosion and sediment yield to weather types in the Iberian Peninsula. <i>Geomorphology</i> , 2015, 228, 372-381.	1.1	31
21	Dendrogeomorphology in badlands: Methods, case studies and prospects. <i>Catena</i> , 2013, 106, 113-122.	2.2	47
22	Continuous monitoring of bedload discharge in a small, steep sandy channel. <i>Journal of Hydrology</i> , 2013, 497, 37-50.	2.3	21
23	Measuring medium-term sheet erosion in gullies from trees: A case study using dendrogeomorphological analysis of exposed pine roots in central Iberia. <i>Geomorphology</i> , 2011, 134, 417-425.	1.1	46
24	Restoring earth surface processes through landform design. A 13-year monitoring of a geomorphic reclamation model for quarries on slopes. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 531-548.	1.2	25
25	Silica sand slope gully and mining in Central Spain: erosion processes and geomorphic reclamation of contour mining. <i>WIT Transactions on the Built Environment</i> , 2008, , .	0.0	3