Juan A Ballesteros-Canovas

List of Publications by Year
in descending order

39 papers	1,318 citations	430442 18 h-index	360668 35 g-index
40 all docs	40 docs citations	40 times ranked	2060 citing authors

#	Article	IF	Citations
1	Reconstruction of gully erosion based on exposed tree roots in a recent landform of Paricutin Volcano, Mexico. Earth Surface Processes and Landforms, 2022, 47, 742-755.	1.2	5
2	Cambios ambientales detectados por dendrogeomorfologÃa y la liquenometrÃa para el anÃ¡lisis de avenidas torrenciales en sistemas fluviales. Cuadernos De GeografÃa De La Universitat De ValÃ¨ncia, 2022, , 93.	0.0	0
3	Estimation of recent peat accumulation with tree saplings. Progress in Physical Geography, 2022, 46, 515-529.	1.4	1
4	XRCT images reveal climate control on wound recovery after intense flood in Mediterranean riparian trees. Trees - Structure and Function, 2022, 36, 1529-1538.	0.9	2
5	Increasing risk of glacial lake outburst floods from future Third Pole deglaciation. Nature Climate Change, 2021, 11, 411-417.	8.1	146
6	Long-term lahar reconstruction in Jamapa Gorge, Pico de Orizaba (Mexico) based on botanical evidence and numerical modelling. Landslides, 2021, 18, 3381-3392.	2.7	3
7	Positive associations among rare species and their persistence in ecological assemblages. Nature Ecology and Evolution, 2020, 4, 40-45.	3.4	65
8	Forest stocks control longâ€term climatic mortality risks in Scots pine dryâ€edge forests. Ecosphere, 2020, 11, e03201.	1.0	4
9	Climate reverses directionality in the richnessâ€“abundance relationship across the Worldâ€™s main forest biomes. Nature Communications, 2020, 11, 5635.	5.8	20
10	Neotropical Hypericum irazuense shrubs reveal recent ENSO variability in Costa Rican pÃ¡ramo. Dendrochronologia, 2020, 61, 125704.	1.0	15
11	Dendrogeomorphic reconstruction of floods in a dynamic tropical river. Geomorphology, 2020, 359, 107133.	1.1	42
12	Recent flood hazards in Kashmir put into context with millennium-long historical and tree-ring records. Science of the Total Environment, 2020, 722, 137875.	3.9	29
13	Tree-ring based, regional-scale reconstruction of flash floods in Mediterranean mountain torrents. Catena, 2020, 189, 104481.	2.2	15
14	Modelling the 2012 Lahar in a Sector of Jamapa Gorge (Pico de Orizaba Volcano, Mexico) Using RAMMS and Tree-Ring Evidence. Water (Switzerland), 2020, 12, 333.	1.2	16
15	On the extraordinary winter flood episode over the North Atlantic Basin in 1936. Annals of the New York Academy of Sciences, 2019, 1436, 206-216.	1.8	15
16	Dry Spells and Extreme Precipitation are The Main Trigger of Landslides in Central Europe. Scientific Reports, 2019, 9, 14560.	1.6	39
17	Glacial geomorphology of the ChirripÃ³ National Park, Costa Rica. Journal of Maps, 2019, 15, 538-545.	1.0	20
18	Reconstruction of debris-flow activity in a temperate mountain forest catchment of central Mexico. Journal of Mountain Science, 2019, 16, 2096-2109.	0.8	16

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19	Laboratory and Field Protocol for Estimating Sheet Erosion Rates from Dendrogeomorphology. Journal of Visualized Experiments, 2019, , .	0.2	1
20	Assessing strategies to mitigate debris-flow risk in Abancay province, south-central Peruvian Andes. Geomorphology, 2019, 342, 127-139.	1.1	12
21	Relationships between earthquakes, hurricanes, and landslides in Costa Rica. Landslides, 2019, 16, 1539-1550.	2.7	44
22	Fire damage to cambium affects localized xylem anatomy and hydraulics: the case of Nothofagus pumilio in Patagonia. American Journal of Botany, 2019, 106, 1536-1544.	0.8	12
23	Citizen science for hydrological risk reduction and resilience building. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1262.	2.8	104
24	Palaeoclimate constraints on the impact of 2 Â°C anthropogenic warming and beyond. Nature Geoscience, 2018, 11, 474-485.	5.4	166
25	Quantifying Soil Erosion from Hiking Trail in a Protected Natural Area in the Spanish Pyrenees. Land Degradation and Development, 2017, 28, 2255-2267.	1.8	28
26	Forest productivity in southwestern Europe is controlled by coupled North Atlantic and Atlantic Multidecadal Oscillations. Nature Communications, 2017, 8, 2222.	5.8	33
27	Floods in Mountain Basins. GeoPlanet: Earth and Planetary Sciences, 2016, , 23-37.	0.2	8
28	Paleoflood discharge reconstruction in Tatra Mountain streams. Geomorphology, 2016, 272, 92-101.	1.1	35
29	Source of error and uncertainty in sheet erosion rates estimated from dendrogeomorphology. Earth Surface Processes and Landforms, 2015, 40, 1146-1157.	1.2	23
30	R. S. Sigafoosâ€™s 1961 and 1964 papers on botanical evidence of paleofloods. Progress in Physical Geography, 2015, 39, 405-411.	1.4	2
31	Unravelling past flash flood activity in a forested mountain catchment of the Spanish Central System. Journal of Hydrology, 2015, 529, 468-479.	2.3	42
32	What drives growth of Scots pine in continental Mediterranean climates: Drought, low temperatures or both?. Agricultural and Forest Meteorology, 2015, 206, 151-162.	1.9	76
33	XRCT images and variograms reveal 3D changes in wood density of riparian trees affected by floods. Trees - Structure and Function, 2015, 29, 1115-1126.	0.9	11
34	Disentangling the effects of competition and climate on individual tree growth: A retrospective and dynamic approach in Scots pine. Forest Ecology and Management, 2015, 358, 12-25.	1.4	100
35	Utilisation des isotopes stables de lâ€™oxygÃ¨ne des cernes dâ€™arbres pour dÃ©terminer lâ€™origine des inondations passÃ©esÂ: premiers rÃ©sultats pour la pÃ©ninsule ibÃ©rique. Quaternaire, 2015, , 67-80.	0.1	15
36	Floods at the northern foothills of the Tatra Mountains â€" A Polish-Swiss research project. Acta Geophysica, 2014, 62, 620-641.	1.0	53

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37	Dating and quantification of erosion processes based on exposed roots. Earth-Science Reviews, 2013, 123, 18-34.	4.0	77
38	Dendrochronology Course In ValsaÃn Forest, Segovia, Spain. Tree-Ring Research, 2013, 69, 93-100.	0.4	9
39	Historical floods and dendrochronological dating of a wooden deck in the Old Mint of Segovia, Spain. Geoarchaeology - an International Journal, 2011, 26, 786-808.	0.7	10