

Juan A Ballesteros-Canovas

List of Publications by Year in descending order

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Version: 2024-02-01

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	Palaeoclimate constraints on the impact of 2 °C anthropogenic warming and beyond. <i>Nature Geoscience</i> , 2018, 11, 474-485.	5.4	166
2	Increasing risk of glacial lake outburst floods from future Third Pole deglaciation. <i>Nature Climate Change</i> , 2021, 11, 411-417.	8.1	146
3	Citizen science for hydrological risk reduction and resilience building. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1262.	2.8	104
4	Disentangling the effects of competition and climate on individual tree growth: A retrospective and dynamic approach in Scots pine. <i>Forest Ecology and Management</i> , 2015, 358, 12-25.	1.4	100
5	Dating and quantification of erosion processes based on exposed roots. <i>Earth-Science Reviews</i> , 2013, 123, 18-34.	4.0	77
6	What drives growth of Scots pine in continental Mediterranean climates: Drought, low temperatures or both?. <i>Agricultural and Forest Meteorology</i> , 2015, 206, 151-162.	1.9	76
7	Positive associations among rare species and their persistence in ecological assemblages. <i>Nature Ecology and Evolution</i> , 2020, 4, 40-45.	3.4	65
8	Floods at the northern foothills of the Tatra Mountains – A Polish-Swiss research project. <i>Acta Geophysica</i> , 2014, 62, 620-641.	1.0	53
9	Relationships between earthquakes, hurricanes, and landslides in Costa Rica. <i>Landslides</i> , 2019, 16, 1539-1550.	2.7	44
10	Unravelling past flash flood activity in a forested mountain catchment of the Spanish Central System. <i>Journal of Hydrology</i> , 2015, 529, 468-479.	2.3	42
11	Dendrogeomorphic reconstruction of floods in a dynamic tropical river. <i>Geomorphology</i> , 2020, 359, 107133.	1.1	42
12	Dry Spells and Extreme Precipitation are The Main Trigger of Landslides in Central Europe. <i>Scientific Reports</i> , 2019, 9, 14560.	1.6	39
13	Paleoflood discharge reconstruction in Tatra Mountain streams. <i>Geomorphology</i> , 2016, 272, 92-101.	1.1	35
14	Forest productivity in southwestern Europe is controlled by coupled North Atlantic and Atlantic Multidecadal Oscillations. <i>Nature Communications</i> , 2017, 8, 2222.	5.8	33
15	Recent flood hazards in Kashmir put into context with millennium-long historical and tree-ring records. <i>Science of the Total Environment</i> , 2020, 722, 137875.	3.9	29
16	Quantifying Soil Erosion from Hiking Trail in a Protected Natural Area in the Spanish Pyrenees. <i>Land Degradation and Development</i> , 2017, 28, 2255-2267.	1.8	28
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	Glacial geomorphology of the Chirripó National Park, Costa Rica. <i>Journal of Maps</i> , 2019, 15, 538-545.	1.0	20

#	ARTICLE	IF	CITATIONS
19	Climate reverses directionality in the richness–abundance relationship across the World’s main forest biomes. <i>Nature Communications</i> , 2020, 11, 5635.	5.8	20
20	Reconstruction of debris-flow activity in a temperate mountain forest catchment of central Mexico. <i>Journal of Mountain Science</i> , 2019, 16, 2096-2109.	0.8	16
21	Modelling the 2012 Lahar in a Sector of Jamapa Gorge (Pico de Orizaba Volcano, Mexico) Using RAMMS and Tree-Ring Evidence. <i>Water (Switzerland)</i> , 2020, 12, 333.	1.2	16
22	On the extraordinary winter flood episode over the North Atlantic Basin in 1936. <i>Annals of the New York Academy of Sciences</i> , 2019, 1436, 206-216.	1.8	15
23	Neotropical <i>Hypericum irazuense</i> shrubs reveal recent ENSO variability in Costa Rican páramo. <i>Dendrochronologia</i> , 2020, 61, 125704.	1.0	15
24	Tree-ring based, regional-scale reconstruction of flash floods in Mediterranean mountain torrents. <i>Catena</i> , 2020, 189, 104481.	2.2	15
25	Utilisation des isotopes stables de l’oxygène des cernes d’arbres pour déterminer l’origine des inondations passées: premiers résultats pour la péninsule ibérique. <i>Quaternaire</i> , 2015, , 67-80.	0.1	15
26	Assessing strategies to mitigate debris-flow risk in Abancay province, south-central Peruvian Andes. <i>Geomorphology</i> , 2019, 342, 127-139.	1.1	12
27	Fire damage to cambium affects localized xylem anatomy and hydraulics: the case of <i>Nothofagus pumilio</i> in Patagonia. <i>American Journal of Botany</i> , 2019, 106, 1536-1544.	0.8	12
28	XRCT images and variograms reveal 3D changes in wood density of riparian trees affected by floods. <i>Trees - Structure and Function</i> , 2015, 29, 1115-1126.	0.9	11
29	Historical floods and dendrochronological dating of a wooden deck in the Old Mint of Segovia, Spain. <i>Geoarchaeology - an International Journal</i> , 2011, 26, 786-808.	0.7	10
30	Dendrochronology Course In Valsañ Forest, Segovia, Spain. <i>Tree-Ring Research</i> , 2013, 69, 93-100.	0.4	9
31	Floods in Mountain Basins. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016, , 23-37.	0.2	8
32	Reconstruction of gully erosion based on exposed tree roots in a recent landform of Parícutin Volcano, Mexico. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 742-755.	1.2	5
33	Forest stocks control long-term climatic mortality risks in Scots pine dry-edge forests. <i>Ecosphere</i> , 2020, 11, e03201.	1.0	4
34	Long-term lahar reconstruction in Jamapa Gorge, Pico de Orizaba (Mexico) based on botanical evidence and numerical modelling. <i>Landslides</i> , 2021, 18, 3381-3392.	2.7	3
35	R. S. Sigafos’s 1961 and 1964 papers on botanical evidence of paleofloods. <i>Progress in Physical Geography</i> , 2015, 39, 405-411.	1.4	2
36	XRCT images reveal climate control on wound recovery after intense flood in Mediterranean riparian trees. <i>Trees - Structure and Function</i> , 2022, 36, 1529-1538.	0.9	2

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37	Laboratory and Field Protocol for Estimating Sheet Erosion Rates from Dendrogeomorphology. Journal of Visualized Experiments, 2019, , .	0.2	1
38	Estimation of recent peat accumulation with tree saplings. Progress in Physical Geography, 2022, 46, 515-529.	1.4	1
39	Cambios ambientales detectados por dendrogeomorfología y la liquenometría para el análisis de avenidas torrenciales en sistemas fluviales. Cuadernos De Geografía De La Universitat De València, 2022, , 93.	0.0	0