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List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

753
citations

471061
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h-index

525886
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33
all docs

33
docs citations

33
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural acid rock drainage in alpine catchments: A side effect of climate warming. <i>Science of the Total Environment</i> , 2021, 778, 146070.	3.9	9
2	Geochronology and palaeoclimatic context of submerged siliciclastic beachrock formation in the western Mediterranean Sea. <i>Scientia Marina</i> , 2021, 85, 225-244.	0.3	1
3	Neotectonics and late Holocene paleoseismic evidence in the Plio-Quaternary Daroca Half-graben, Iberian Chain, NE Spain. Implications for fault source characterization. <i>Journal of Structural Geology</i> , 2020, 131, 103933.	1.0	7
4	Subsidence mechanisms and sedimentation in alluvial sinkholes inferred from trenching and ground penetrating radar (GPR). Implications for subsidence and flooding hazard assessment. <i>Quaternary International</i> , 2019, 525, 1-15.	0.7	7
5	The episodic rise, net growing rate and kinematics of radial faults of the Salinas de Oro diapir using paleoseismological techniques (NE Spain). Salt upwelling versus karstic subsidence. <i>Geomorphology</i> , 2019, 342, 210-222.	1.1	2
6	Sinkholes in hypogene versus epigene karst systems, illustrated with the hypogene gypsum karst of the Sant Miquel de Campmajor Valley, NE Spain. <i>Geomorphology</i> , 2019, 328, 57-78.	1.1	15
7	Identifying the boundaries of sinkholes and subsidence areas via trenching and establishing setback distances. <i>Engineering Geology</i> , 2018, 233, 255-268.	2.9	27
8	Characterization of radon levels in soil and groundwater in the North Maladeta Fault area (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Environmental Radioactivity, 2018, 189, 1-13.	0.9	33
9	The chert from the Castellatallat Formation (south-central Pyrenees): archaeometric characterisation and archaeological implications. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1329-1346.	0.7	7
10	Reconstructing the internal structure and long-term evolution of hazardous sinkholes combining trenching, electrical resistivity imaging (ERI) and ground penetrating radar (GPR). <i>Geomorphology</i> , 2017, 285, 287-304.	1.1	26
11	Origin and evolution of Sariñena Lake (central Ebro Basin): A piping-based model. <i>Geomorphology</i> , 2017, 290, 164-183.	1.1	8
12	Paleoflood records from sinkholes using an example from the Ebro River floodplain, northeastern Spain. <i>Quaternary Research</i> , 2017, 88, 71-88.	1.0	10
13	Sinkhole investigation in an urban area by trenching in combination with GPR, ERT and high-precision leveling. Mantled evaporite karst of Zaragoza city, NE Spain. <i>Engineering Geology</i> , 2017, 231, 9-20.	2.9	59
14	The application of GPR and ERI in combination with exposure logging and retrodeformation analysis to characterize sinkholes and reconstruct their impact on fluvial sedimentation. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1049-1064.	1.2	21
15	The impact of droughts and climate change on sinkhole occurrence. A case study from the evaporite karst of the Fluvia Valley, NE Spain. <i>Science of the Total Environment</i> , 2017, 579, 345-358.	3.9	37
16	Sedimentological and palaeohydrological characterization of Late Pleistocene and Holocene tufa mound palaeolakes using trenching methods in the Spanish Pyrenees. <i>Sedimentology</i> , 2016, 63, 1786-1819.	1.6	12
17	Sinkholes and caves related to evaporite dissolution in a stratigraphically and structurally complex setting, Fluvia Valley, eastern Spanish Pyrenees. Geological, geomorphological and environmental implications. <i>Geomorphology</i> , 2016, 267, 76-97.	1.1	29
18	Reply to the discussion by Pinyol et al. (2016) on Gutiérrez et al. (2015) "Large landslides associated with a diapiric fold in Canelles Reservoir (Spanish Pyrenees): Detailed geological and geomorphological mapping, trenching and electrical resistivity imaging". <i>Geomorphology</i> , 2016, 263, 175-178.	1.1	0

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19	Large landslides associated with a diapiric fold in Canelles Reservoir (Spanish Pyrenees): Detailed geological–geomorphological mapping, trenching and electrical resistivity imaging. <i>Geomorphology</i> , 2015, 241, 224-242.	1.1	46
20	Application of electrical resistivity imaging (ERI) to a tailings dam project for artisanal and small-scale gold mining in Zaruma-Portovelo, Ecuador. <i>Journal of Applied Geophysics</i> , 2015, 113, 103-113.	0.9	40
21	Investigating a damaging buried sinkhole cluster in an urban area (Zaragoza city, NE Spain) integrating multiple techniques: Geomorphological surveys, DInSAR, DEMs, GPR, ERT, and trenching. <i>Geomorphology</i> , 2015, 229, 3-16.	1.1	53
22	Morpho-stratigraphic characterization of a tufa mound complex in the Spanish Pyrenees using ground penetrating radar and trenching, implications for studies in Mars. <i>Earth and Planetary Science Letters</i> , 2014, 388, 197-210.	1.8	12
23	Evaluation of trenching, ground penetrating radar (GPR) and electrical resistivity tomography (ERT) for sinkhole characterization. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 214-227.	1.2	81
24	Delineating coastal groundwater discharge processes in a wetland area by means of electrical resistivity imaging, ²²⁴ Ra and ²²² Rn. <i>Hydrological Processes</i> , 2014, 28, 2382-2395.	1.1	19
25	The Olot Volcanic Field. <i>World Geomorphological Landscapes</i> , 2014, , 249-256.	0.1	0
26	Anticipating the effects of groundwater withdrawal on seawater intrusion and soil settlement in urban coastal areas. <i>Hydrological Processes</i> , 2013, 27, 2352-2366.	1.1	17
27	Differentiating between gravitational and tectonic faults by means of geomorphological mapping, trenching and geophysical surveys. The case of the Zenzano Fault (Iberian Chain, N Spain). <i>Geomorphology</i> , 2013, 189, 93-108.	1.1	53
28	Subsurface initiation of tafoni in granite terrains – Geophysical evidence from NE Spain: Geomorphological implications. <i>Geomorphology</i> , 2013, 196, 94-105.	1.1	18
29	Late Holocene evolution of playa lakes in the central Ebro depression based on geophysical surveys and morpho-stratigraphic analysis of lacustrine terraces. <i>Geomorphology</i> , 2013, 196, 177-197.	1.1	23
30	Chronology and paleoenvironmental interpretation of talus flatiron sequences in a sub-humid mountainous area: Tremp Depression, Spanish Pyrenees. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 1513-1522.	1.2	9
31	Late Holocene episodic displacement on fault scarps related to interstratal dissolution of evaporites (Teruel Neogene Graben, NE Spain). <i>Journal of Structural Geology</i> , 2012, 34, 2-19.	1.0	46
32	Granite caves in the north-east of the Iberian Peninsula: Artificial hypogea versus tafoni. <i>Zeitschrift für Geomorphologie</i> , 2011, 55, 341-364.	0.3	5
33	Origin and evolution of tufa mounds related to artesian karstic springs in Isona area (Pyrenees, NE) Tj ETQq1 1 0.784314 rgBJ / Overlock	2.2	21