JosÃ© LuÃ-s ZÃªzere

List of Publications by Year
in descending order

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Version: 2024-02-01

98	3,035	147726	175177
papers	citations	31 h-index	52 g-index

129	129	129	2625
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mapping landslide susceptibility using data-driven methods. Science of the Total Environment, 2017, 589, 250-267.	3.9	210
2	Shallow and deep landslides induced by rainfall in the Lisbon region (Portugal): assessment of relationships with the North Atlantic Oscillation. Natural Hazards and Earth System Sciences, 2005, 5, 331-344.	1.5	190
3	Probabilistic landslide risk analysis considering direct costs in the area north of Lisbon (Portugal). Geomorphology, 2008, 94, 467-495.	1.1	136
4	Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. Journal of Risk Research, 2015, 18, 651-674.	1.4	122
5	DISASTER: a GIS database on hydro-geomorphologic disasters in Portugal. Natural Hazards, 2014, 72, 503-532.	1.6	117
6	Landslide susceptibility assessment considering landslide typology. A case study in the area north of Lisbon (Portugal). Natural Hazards and Earth System Sciences, 2002, 2, 73-82.	1.5	109
7	Integration of spatial and temporal data for the definition of different landslide hazard scenarios in the area north of Lisbon (Portugal). Natural Hazards and Earth System Sciences, 2004, 4, 133-146.	1.5	99
8	Assessment and validation of wildfire susceptibility and hazard in Portugal. Natural Hazards and Earth System Sciences, 2010, 10, 485-497.	1.5	95
9	Rainfall thresholds for landslide activity in Portugal: a state of the art. Environmental Earth Sciences, 2015, 73, 2917-2936.	1.3	91
10	Landslide Susceptibility Assessment and Validation in the Framework of Municipal Planning in Portugal: The Case of Loures Municipality. Environmental Management, 2012, 50, 721-735.	1.2	76
11	The role of conditioning and triggering factors in the occurrence of landslides: a case study in the area north of Lisbon (Portugal). Geomorphology, 1999, 30, 133-146.	1.1	73
12	The Influence of the North Atlantic Oscillation on Rainfall Triggering of Landslides near Lisbon. Natural Hazards, 2005, 36, 331-354.	1.6	73
13	Rainfall patterns and critical values associated with landslides in PovoaÃ§Ã£o County (SÃ£o Miguel) Tj ETQq1 1 0.784314 rgBT /Overl 478-494.	1.1	73
14	The contribution of PSInSAR interferometry to landslide hazard in weak rock-dominated areas. Landslides, 2015, 12, 703-719.	2.7	73
15	Technical Note: Assessing predictive capacity and conditional independence of landslide predisposing factors for shallow landslide susceptibility models. Natural Hazards and Earth System Sciences, 2012, 12, 979-988.	1.5	67
16	Comparing flood mortality in Portugal and Greece (Western and Eastern Mediterranean). International Journal of Disaster Risk Reduction, 2017, 22, 147-157.	1.8	66
17	Flood Fatalities in Europe, 1980â€“2018: Variability, Features, and Lessons to Learn. Water (Switzerland), 2019, 11, 1682.	1.2	61
18	Landslide risk analysis in the area North of Lisbon (Portugal): evaluation of direct and indirect costs resulting from a motorway disruption by slope movements. Landslides, 2007, 4, 123-136.	2.7	56

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19	The deadliest storm of the 20th century striking Portugal: Flood impacts and atmospheric circulation. Journal of Hydrology, 2016, 541, 597-610.	2.3	56
20	Assessing the social context of wildfire-affected areas. The case of mainland Portugal. Applied Geography, 2017, 88, 104-117.	1.7	55
21	The role of the lithological setting on the landslide pattern and distribution. Engineering Geology, 2015, 189, 17-31.	2.9	50
22	Mortality Patterns of Hydroâ€Geomorphologic Disasters. Risk Analysis, 2016, 36, 1188-1210.	1.5	49
23	Landslides in the North of Lisbon Region (Portugal): Conditioning and triggering factors. Physics and Chemistry of the Earth, 1999, 24, 925-934.	0.6	46
24	Landslide incidence in the North of Portugal: Analysis of a historical landslide database based on press releases and technical reports. Geomorphology, 2014, 214, 514-525.	1.1	45
25	A landslide risk index for municipal land use planning in Portugal. Science of the Total Environment, 2020, 735, 139463.	3.9	44
26	Combining Social Vulnerability and Physical Vulnerability to Analyse Landslide Risk at the Municipal Scale. Geosciences (Switzerland), 2018, 8, 294.	1.0	42
27	Rainfall-triggered landslides in the Lisbon region over 2006 and relationships with the North Atlantic Oscillation. Natural Hazards and Earth System Sciences, 2008, 8, 483-499.	1.5	39
28	Floristic and vegetation successional processes within landslides in a Mediterranean environment. Science of the Total Environment, 2017, 574, 969-981.	3.9	38
29	A comprehensive approach to understanding flood risk drivers at the municipal level. Journal of Environmental Management, 2020, 260, 110127.	3.8	36
30	Reassessing wildfire susceptibility and hazard for mainland Portugal. Science of the Total Environment, 2021, 762, 143121.	3.9	36
31	Assessment of physical vulnerability of buildings and analysis of landslide risk at the municipal scale: application to the Loures municipality, Portugal. Natural Hazards and Earth System Sciences, 2016, 16, 311-331.	1.5	34
32	The record precipitation and flood event in Iberia in December 1876: description and synoptic analysis. Frontiers in Earth Science, 2014, 2, .	0.8	33
33	A comparative analysis of statistical landslide susceptibility mapping in the southeast region of Minas Gerais state, Brazil. Bulletin of Engineering Geology and the Environment, 2019, 78, 3205-3221.	1.6	32
34	Regional rainfall thresholds for landslide occurrence using a centenary database. Natural Hazards and Earth System Sciences, 2018, 18, 1037-1054.	1.5	30
35	Debris flow run-out simulation and analysis using a dynamic model. Natural Hazards and Earth System Sciences, 2018, 18, 555-570.	1.5	29
36	The exceptional rainfall event in Lisbon on 18 February 2008. Weather, 2010, 65, 31-35.	0.6	28

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37	Landslide quantitative risk analysis of buildings at the municipal scale based on a rainfall triggering scenario. Geomatics, Natural Hazards and Risk, 2017, 8, 624-648.	2.0	24
38	Assessing Risk and Prioritizing Safety Interventions in Human Settlements Affected by Large Wildfires. Forests, 2020, 11, 859.	0.9	23
39	Assessing the biophysical and social drivers of burned area distribution at the local scale. Journal of Environmental Management, 2020, 264, 110449.	3.8	22
40	Risk analysis for local management from hydro-geomorphologic disaster databases. Environmental Science and Policy, 2014, 40, 85-100.	2.4	21
41	Assessing population exposure for landslide risk analysis using dasymetric cartography. Natural Hazards and Earth System Sciences, 2016, 16, 2769-2782.	1.5	21
42	Spatial impact and triggering conditions of the exceptional hydro-geomorphological event of DecemberÂ1909 in Iberia. Natural Hazards and Earth System Sciences, 2016, 16, 371-390.	1.5	20
43	Empirical rainfall thresholds for the triggering of landslides in Asturias (NW Spain). Landslides, 2019, 16, 1285-1300.	2.7	20
44	A centennial catalogue of hydro-geomorphological events and their atmospheric forcing. Advances in Water Resources, 2018, 122, 98-112.	1.7	19
45	Combination of statistical and physically based methods to assess shallow slide susceptibility at the basin scale. Natural Hazards and Earth System Sciences, 2017, 17, 1091-1109.	1.5	18
46	Landslide Susceptibility Assessment at the Basin Scale for Rainfall- and Earthquake-Triggered Shallow Slides. Geosciences (Switzerland), 2019, 9, 268.	1.0	18
47	Developing a large-scale dataset of flood fatalities for territories in the Euro-Mediterranean region, FFEM-DB. Scientific Data, 2022, 9, 166.	2.4	18
48	Uncovering the perception regarding wildfires of residents with different characteristics. International Journal of Disaster Risk Reduction, 2020, 43, 101370.	1.8	17
49	Susceptibility assessment to different types of landslides in the coastal cliffs of LourinhÃ£ (Central) Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	16
50	Landslides and other geomorphologic and hydrologic effects induced by earthquakes in Portugal. Natural Hazards, 2016, 81, 71-98.	1.6	16
51	Modeling debris flow initiation and run-out in recently burned areas using data-driven methods. Natural Hazards, 2017, 88, 1373-1407.	1.6	14
52	Portugal and the Portuguese Atlantic Islands. Developments in Earth Surface Processes, 1997, 5, 391-407.	2.8	13
53	Identification of elements exposed to flood hazard in a section of Trotus River, Romania. Geomatics, Natural Hazards and Risk, 2018, 9, 950-969.	2.0	13
54	Quantitative micro-scale flood risk assessment in a section of the TrotuÈ™ River, Romania. Land Use Policy, 2020, 95, 103881.	2.5	13

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55	Defining evacuation travel times and safety areas in a debris flow hazard scenario. Science of the Total Environment, 2020, 712, 136452.	3.9	12
56	Impacts of the North Atlantic Oscillation on Landslides. Advances in Global Change Research, 2011, , 199-212.	1.6	12
57	Biophysical controls over fire regime properties in Central Portugal. Science of the Total Environment, 2022, 810, 152314.	3.9	12
58	Coastline at Risk: Methods for Multi-Hazard Assessment. Journal of Coastal Research, 2011, 61, 335-339.	0.1	11
59	Combining data-driven models to assess susceptibility of shallow slides failure and run-out. Landslides, 2019, 16, 2259-2276.	2.7	10
60	A combined structural and seasonal approach to assess wildfire susceptibility and hazard in summertime. Natural Hazards, 2021, 106, 2545-2573.	1.6	10
61	Identification of hazardous zones combining cliff retreat rates with landslide susceptibility assessment. Journal of Coastal Research, 2013, 165, 1681-1686.	0.1	9
62	Structure and Characteristics of Landslide Input Data and Consequences on Landslide Susceptibility Assessment and Prediction Capability. , 2015, , 189-192.		9
63	Rainfall thresholds for landsliding in Lisbon Area (Portugal). , 2018, , 333-338.		9
64	The contribution of historical information to flood risk management in the Tagus estuary. International Journal of Disaster Risk Reduction, 2017, 25, 22-35.	1.8	8
65	Predicting burnt areas during the summer season in Portugal by combining wildfire susceptibility and spring meteorological conditions. Geomatics, Natural Hazards and Risk, 2021, 12, 1039-1057.	2.0	7
66	Geomorphology of the ArrÃ¡bida Chain (Portugal). Journal of Maps, 2014, 10, 103-108.	1.0	6
67	Chapter 13 Landslides on SÃ£o Miguel Island (Azores): susceptibility analysis and validation of rupture zones using a bivariate GIS-based statistical approach. Geological Society Memoir, 2015, 44, 167-184.	0.9	6
68	Implementation of Tsunami Evacuation Maps at Setubal Municipality, Portugal. Geosciences (Switzerland), 2017, 7, 116.	1.0	6
69	A comparison between bivariate and multivariate methods to assess susceptibility to liquefaction-related coseismic surface effects in the Po Plain (Northern Italy). Geomatics, Natural Hazards and Risk, 2018, 9, 108-126.	2.0	6
70	Vegetation evolution by ecological succession as a potential bioindicator of landslides relative age in Southwestern Mediterranean region. Natural Hazards, 2020, 103, 599-622.	1.6	6
71	Modelos de susceptibilidade a deslizamentos superficiais translacionais na RegiÃ£o a Norte de Lisboa. Finisterra, 2012, 46, .	0.3	6
72	Landslide Societal Risk in Portugal in the Period 1865â€“2015. , 2017, , 491-499.		5

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73	AVALIAÃ‡ÃƒO DA SUSCETIBILIDADE Ã€ RUTURA E PROPAGAÃ‡ÃƒO DE FLUXOS DE DETRITOS NA BACIA HIDROGRÃFICA DO RIO ZÃŠZERE (SERRA DA ESTRELA, PORTUGAL). Revista Brasileira De Geomorfologia, 2017, 18, .	0.1	5
74	A new approach to assess ancient marine slope instability using a bivariate statistical method. Marine Geology, 2018, 401, 129-144.	0.9	4
75	Generation of Persistent Scatterers in Non-Urban Areas: The Role of Microwave Scattering Parameters. Geosciences (Switzerland), 2018, 8, 269.	1.0	4
76	Journalistic approach of hydro-geomorphological events in the beginning of the industrial press. International Journal of Disaster Risk Reduction, 2020, 50, 101919.	1.8	4
77	CONTRIBUIÃ‡ÃƒO PARA O CONHECIMENTO DA GEOMORFOLOGIA DA CADEIA DA ARRÃBIDA (PORTUGAL): CARTOGRAFIA GEOMORFOLÃ“GICA E GEOMORFOMETRIA. Revista Brasileira De Geomorfologia, 2015, 16, .	0.1	3
78	Geomorphological Hazards. World Geomorphological Landscapes, 2020, , 47-62.	0.1	3
79	Exposure and physical vulnerability indicators to assess seismic risk in urban areas: a step towards a multi-hazard risk analysis. Geomatics, Natural Hazards and Risk, 2022, 13, 1154-1177.	2.0	3
80	The ArrÃ¡bida Chain: The Alpine Orogeny in the Vicinity of the Atlantic Ocean. World Geomorphological Landscapes, 2020, , 273-278.	0.1	2
81	Desastres naturais de origem hidro-geomorfolÃ³gica no baixo Mondego no perÃodo 1961-2010. Territorium: Revista Portuguesa De Riscos, PrevenÃ§Ã£o E SeguranÃ§a, 2013, , 65-76.	0.1	2
82	InstabilitÃ© des versants dans la rÃ©gion au nord de Lisbonne. Essai de cartographie gÃ©omorphologique. Finisterra, 2012, 22, .	0.3	2
83	Dealing with Multisource Information for Estuarine Flood Risk Appraisal in Two Western European Coastal Areas. International Journal of Disaster Risk Science, 0, , 1.	1.3	2
84	Cheias e movimentos de massa com carÃ¡cter danoso em Portugal Continental. , 2011, , 799-807.		1
85	A GlaciaÃ§Ã£o plistocÃ©nica na Serra do GerÃªs. Finisterra, 2012, 35, .	0.3	1
86	Problemas da evoluÃ§Ã£o geomorfologica do MaciÃ§o CalcÃ¡rio Estremenho. Finisterra, 2012, 23, .	0.3	1
87	Territorial Resilience and Flood Vulnerability. Case Studies at Urban Scale in Torino (Italy) and Porto/Vila Nova de Gaia (Portugal). Resilient Cities, 2019, , 147-174.	0.6	1
88	Mass-Movement Processes: Shallow Landslides. , 2022, , 106-113.		1
89	Enhancing Estuarine Flood Risk Management: Comparative Analysis of Three Estuarine Systems. Journal of Coastal Research, 2020, 95, 935.	0.1	1
90	Damaging flood risk in the Portuguese municipalities. , 2021, , 59-79.		0

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91	ModelaÃ§Ã£o em sistemas de informaÃ§Ã£o geogrÃ¡fica da avaliaÃ§Ã£o da susceptibilidade a movimentos de vertente na Ã¡rea amostra de Lousa-Loures (RegiÃ£o a norte de Lisboa). , 2011, , 539-546.		0
92	Segunda ReuniÃ£o do QuaternÃ¡rio IbÃ©rico. Finisterra, 2012, 25, .	0.3	0
93	CatÃ¡strofes naturais em debate. Finisterra, 2012, 28, .	0.3	0
94	Segunda ConferÃªncia Internacional de Geomorfologia. Finisterra, 2012, 25, .	0.3	0
95	8th International Symposium on Landslides. Finisterra, 2012, 35, .	0.3	0
96	IntegraÃ§Ã£o de dados espaciais em SIG para avaliaÃ§Ã£o da susceptibilidade de ocorrÃªncia de deslizamentos. Finisterra, 2012, 38, .	0.3	0
97	The North of Lisbon Regionâ€"A Dynamic Landscape. World Geomorphological Landscapes, 2020, , 265-272.	0.1	0
98	AvaliaÃ§Ã£o de Risco de IncÃªndio Rural Ã escala local na regiÃ£o Centro de Portugal. , 2021, , 78-89.		0