Jos^Luŝ Zẑere

List of Publications by Citations

93 papers	2,114 citations	26 h-index	43 g-index
129 ext. papers	2,566 ext. citations	3.7 avg, IF	5.36 L-index

#	Paper	IF	Citations
93	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	3.9	164
92	Mapping landslide susceptibility using data-driven methods. *Science of the Total Environment*, **2017**, 589, 250-267	10.2	124
91	Probabilistic landslide risk analysis considering direct costs in the area north of Lisbon (Portugal). *Geomorphology*, **2008**, 94, 467-495	4.3	110
90	DISASTER: a GIS database on hydro-geomorphologic disasters in Portugal. *Natural Hazards*, **2014**, 72, 503-532	3	89
89	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	3.9	87
88	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	3.9	85
87	Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. *Journal of Risk Research*, **2015**, 18, 651-674	4.2	75
86	Rainfall thresholds for landslide activity in Portugal: a state of the art. *Environmental Earth Sciences*, **2015**, 73, 2917-2936	2.9	70
85	Assessment and validation of wildfire susceptibility and hazard in Portugal. *Natural Hazards and Earth System Sciences*, **2010**, 10, 485-497	3.9	70
84	The Influence of the North Atlantic Oscillation on Rainfall Triggering of Landslides near Lisbon. *Natural Hazards*, **2005**, 36, 331-354	3	61
83	Rainfall patterns and critical values associated with landslides in Povoaˆ □ ō County (Sˆ ō Miguel Island, Azores): relationships with the North Atlantic Oscillation. *Hydrological Processes*, **2008**, 22, 478-494	3.3	60
82	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	4.3	60
81	The contribution of PSInSAR interferometry to landslide hazard in weak rock-dominated areas. *Landslides*, **2015**, 12, 703-719	6.6	59
80	Landslide susceptibility assessment and validation in the framework of municipal planning in Portugal: the case of Loures Municipality. *Environmental Management*, **2012**, 50, 721-35	3.1	58
79	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	3.9	51
78	Comparing flood mortality in Portugal and Greece (Western and Eastern Mediterranean). *International Journal of Disaster Risk Reduction*, **2017**, 22, 147-157	4.5	45
77	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	6.6	43

76	The deadliest storm of the 20th century striking Portugal: Flood impacts and atmospheric circulation. *Journal of Hydrology*, **2016**, 541, 597-610	6	39
75	Flood Fatalities in Europe, 1980–2018: Variability, Features, and Lessons to Learn. *Water (Switzerland)*, **2019**, 11, 1682	3	36
74	Mortality Patterns of Hydro-Geomorphologic Disasters. *Risk Analysis*, **2016**, 36, 1188-210	3.9	35
73	Assessing the social context of wildfire-affected areas. The case of mainland Portugal. *Applied Geography*, **2017**, 88, 104-117	4.4	34
72	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	3.9	33
71	Landslides in the North of Lisbon Region (Portugal): Conditioning and triggering factors. *Physics and Chemistry of the Earth*, **1999**, 24, 925-934		33
70	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	4.3	31
69	The role of the lithological setting on the landslide pattern and distribution. *Engineering Geology*, **2015**, 189, 17-31	6	28
68	Floristic and vegetation successional processes within landslides in a Mediterranean environment. *Science of the Total Environment*, **2017**, 574, 969-981	10.2	26
67	The record precipitation and flood event in Iberia in December 1876: description and synoptic analysis. *Frontiers in Earth Science*, **2014**, 2,	3.5	26
66	The exceptional rainfall event in Lisbon on 18 February 2008. *Weather*, **2010**, 65, 31-35	0.9	25
65	Combining Social Vulnerability and Physical Vulnerability to Analyse Landslide Risk at the Municipal Scale. *Geosciences (Switzerland)*, **2018**, 8, 294	2.7	23
64	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	3.9	22
63	Debris flow run-out simulation and analysis using a dynamic model. *Natural Hazards and Earth System Sciences*, **2018**, 18, 555-570	3.9	21
62	Risk analysis for local management from hydro-geomorphologic disaster databases. *Environmental Science and Policy*, **2014**, 40, 85-100	6.2	19
61	Regional rainfall thresholds for landslide occurrence using a centenary database. *Natural Hazards and Earth System Sciences*, **2018**, 18, 1037-1054	3.9	19
60	A landslide risk index for municipal land use planning in Portugal. *Science of the Total Environment*, **2020**, 735, 139463	10.2	17
59	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	4	16

58	A centennial catalogue of hydro-geomorphological events and their atmospheric forcing. *Advances in Water Resources*, **2018**, 122, 98-112	4.7	15
57	A comprehensive approach to understanding flood risk drivers at the municipal level. *Journal of Environmental Management*, **2020**, 260, 110127	7.9	14
56	Assessing population exposure for landslide risk analysis using dasymetric cartography. *Natural Hazards and Earth System Sciences*, **2016**, 16, 2769-2782	3.9	14
55	Spatial impact and triggering conditions of the exceptional hydro-geomorphological event of December´1909 in Iberia. *Natural Hazards and Earth System Sciences*, **2016**, 16, 371-390	3.9	14
54	Reassessing wildfire susceptibility and hazard for mainland Portugal. *Science of the Total Environment*, **2021**, 762, 143121	10.2	14
53	Landslide Susceptibility Assessment at the Basin Scale for Rainfall- and Earthquake-Triggered Shallow Slides. *Geosciences (Switzerland)*, **2019**, 9, 268	2.7	13
52	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	3.6	13
51	Empirical rainfall thresholds for the triggering of landslides in Asturias (NW Spain). *Landslides*, **2019** , 16, 1285-1300	6.6	12
50	Assessing the biophysical and social drivers of burned area distribution at the local scale. *Journal of Environmental Management*, **2020**, 264, 110449	7.9	12
49	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	3.9	12
48	Modeling debris flow initiation and run-out in recently burned areas using data-driven methods. *Natural Hazards*, **2017**, 88, 1373-1407	3	10
47	Landslides and other geomorphologic and hydrologic effects induced by earthquakes in Portugal. *Natural Hazards*, **2016**, 81, 71-98	3	10
46	Susceptibility assessment to different types of landslides in the coastal cliffs of Lourinhˆ (Central Portugal). *Journal of Sea Research*, **2014**, 93, 150-159	1.9	10
45	Coastline at Risk: Methods for Multi-Hazard Assessment. *Journal of Coastal Research*, **2011**, 61, 335-339	0.6	10
44	Portugal and the Portuguese Atlantic Islands. *Developments in Earth Surface Processes*, **1997**, 5, 391-407	2.8	10
43	Impacts of the North Atlantic Oscillation on Landslides. *Advances in Global Change Research*, **2011**, 199-212	11.2	9
42	Assessing Risk and Prioritizing Safety Interventions in Human Settlements Affected by Large Wildfires. *Forests*, **2020**, 11, 859	2.8	9
41	Quantitative micro-scale flood risk assessment in a section of the Trotu River, Romania. *Land Use Policy*, **2020**, 95, 103881	5.6	9

40	Combining data-driven models to assess susceptibility of shallow slides failure and run-out. *Landslides*, **2019**, 16, 2259-2276	6.6	7
39	Structure and Characteristics of Landslide Input Data and Consequences on Landslide Susceptibility Assessment and Prediction Capability **2015**, 189-192		7
38	Identification of elements exposed to flood hazard in a section of Trotus River, Romania. *Geomatics, Natural Hazards and Risk*, **2018**, 9, 950-969	3.6	7
37	Identification of hazardous zones combining cliff retreat rates with landslide susceptibility assessment. *Journal of Coastal Research*, **2013**, 165, 1681-1686	0.6	6
36	Rainfall thresholds for landsliding in Lisbon Area (Portugal) **2018**, 333-338		6
35	Defining evacuation travel times and safety areas in a debris flow hazard scenario. *Science of the Total Environment*, **2020**, 712, 136452	10.2	6
34	Chapter 13 Landslides on S^ B Miguel Island (Azores): susceptibility analysis and validation of rupture zones using a bivariate GIS-based statistical approach. *Geological Society Memoir*, **2015**, 44, 167-184	0.4	5
33	The contribution of historical information to flood risk management in the Tagus estuary. *International Journal of Disaster Risk Reduction*, **2017**, 25, 22-35	4.5	5
32	Geomorphology of the Arr^ Bida Chain (Portugal). *Journal of Maps*, **2014**, 10, 103-108	2.2	5
31	Uncovering the perception regarding wildfires of residents with different characteristics. *International Journal of Disaster Risk Reduction*, **2020**, 43, 101370	4.5	5
30	A combined structural and seasonal approach to assess wildfire susceptibility and hazard in summertime. *Natural Hazards*, **2021**, 106, 2545-2573	3	5
29	A new approach to assess ancient marine slope instability using a bivariate statistical method. *Marine Geology*, **2018**, 401, 129-144	3.3	4
28	Modelos de susceptibilidade a deslizamentos superficiais translacionais na Regi^ B a Norte de Lisboa **2012**, 46,		4
27	Developing a large-scale dataset of flood fatalities for territories in the Euro-Mediterranean region, FFEM-DB.. *Scientific Data*, **2022**, 9, 166	8.2	4
26	Vegetation evolution by ecological succession as a potential bioindicator of landslides relative age in Southwestern Mediterranean region. *Natural Hazards*, **2020**, 103, 599-622	3	3
25	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	3.6	3
24	Implementation of Tsunami Evacuation Maps at Setubal Municipality, Portugal. *Geosciences (Switzerland)*, **2017**, 7, 116	2.7	3
23	Biophysical controls over fire regime properties in Central Portugal.. *Science of the Total Environment*, **2021**, 810, 152314	10.2	3

22	Landslide Societal Risk in Portugal in the Period 1865–2015 **2017**, 491-499		3
21	AVALIAÇÃO DA SUSCETIBILIDADE À RUTURA E PROPAGAÇÃO DE FLUXOS DE DETRITOS NA BACIA HIDROGRÁFICA DO RIO ZÊZERE (SERRA DA ESTRELA, PORTUGAL). *Revista Brasileira De Geomorfologia*, **2017**, 18,	0.8	2
20	Integration of Landslide Susceptibility Maps for Land Use Planning and Civil Protection Emergency ManagementOpen image in new window **2017**, 543-553		2
19	Generation of Persistent Scatterers in Non-Urban Areas: The Role of Microwave Scattering Parameters. *Geosciences (Switzerland)*, **2018**, 8, 269	2.7	2
18	Assessment of physical vulnerability of buildings and analysis of landslide risk at the municipal scale – application to the Loures municipality, Portugal		1
17	The Arrábida Chain: The Alpine Orogeny in the Vicinity of the Atlantic Ocean. *World Geomorphological Landscapes*, **2020**, 273-278	0.4	1
16	Spatial impact and triggering conditions of the exceptional hydro-geomorphological event of December 1909 in Iberia		1
15	A Century and Half of Hydrogeomorphological Disasters in Mainland Portugal. *Advances in Science, Technology and Innovation*, **2020**, 3-6	0.3	1
14	Journalistic approach of hydro-geomorphological events in the beginning of the industrial press. *International Journal of Disaster Risk Reduction*, **2020**, 50, 101919	4.5	1
13	Assessing population exposure for landslide risk analysis using dasymetric cartography **2016**,		1
12	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	3.6	1
11	Geomorphological Hazards. *World Geomorphological Landscapes*, **2020**, 47-62	0.4	0
10	Mass-Movement Processes: Shallow Landslides **2020**,		0
9	Enhancing Estuarine Flood Risk Management: Comparative Analysis of Three Estuarine Systems. *Journal of Coastal Research*, **2020**, 95, 935	0.6	0
8	Dealing with Multisource Information for Estuarine Flood Risk Appraisal in Two Western European Coastal Areas. *International Journal of Disaster Risk Science*,1	4.6	0
7	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	3.6	0
6	The North of Lisbon Region: A Dynamic Landscape. *World Geomorphological Landscapes*, **2020**, 265-272	0.4	
5	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	0.4	

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4	The Urban Geomorphological Landscape of Lisbon. *World Geomorphological Landscapes*, **2020**, 295-303	0.4
3	Geomorphological Hazards, Land Use Planning and Emergency Management. *World Geomorphological Landscapes*, **2020**, 73-80	0.4
2	Damaging flood risk in the Portuguese municipalities **2021**, 59-79	
1	On the Multi-hazard Risk Assessment of Urban Areas: Identification and Analysis of Exposure and Physical Vulnerability Indicators. *Springer Proceedings in Materials*, **2022**, 146-155	0.2