

Settimio Ferlisi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

763
citations

687363

13
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal effects of rainfall on the shallow pyroclastic deposits of the Campania region (southern Italy). <i>Journal of Geotechnical Engineering</i> , 2017, 14, 1993-2007.	5.4	97
2	Empirical fragility and vulnerability curves for buildings exposed to slow-moving landslides at medium and large scales. <i>Landslides</i> , 2017, 14, 1993-2007.	5.4	86
3	Multi-scale analysis of settlement-induced building damage using damage surveys and DInSAR data: A case study in The Netherlands. <i>Engineering Geology</i> , 2017, 218, 117-133.	6.3	75
4	The combination of DInSAR and facility damage data for the updating of slow-moving landslide inventory maps at medium scale. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 1527-1549.	3.6	64
5	Rockfall risk assessment to persons travelling in vehicles along a road: the case study of the Amalfi coastal road (southern Italy). <i>Natural Hazards</i> , 2012, 62, 691-721.	3.4	57
6	A general framework and related procedures for multiscale analyses of DInSAR data in subsiding urban areas. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 105, 186-210.	11.1	49
7	Expert engagement in participatory processes: translating stakeholder discourses into policy options. <i>Natural Hazards</i> , 2016, 81, 69-88.	3.4	42
8	Empirical fragility curves for settlement-affected buildings: Analysis of different intensity parameters for seven hundred masonry buildings in The Netherlands. <i>Soils and Foundations</i> , 2019, 59, 380-397.	3.1	36
9	Individual and societal risk owing to landslides in the Campania region (southern Italy). <i>Georisk</i> , 2008, 2, 125-140.	3.5	33
10	Monitoring Buildings at Landslide Risk With SAR: A Methodology Based on the Use of Multipass Interferometric Data. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2020, 8, 91-119.	9.6	29
11	Quantitative analysis of the risk to road networks exposed to slow-moving landslides: a case study in the Campania region (southern Italy). <i>Landslides</i> , 2021, 18, 303-319.	5.4	28
12	Interpretation of a model footing response through an adaptive neural fuzzy inference system. <i>Computers and Geotechnics</i> , 2004, 31, 251-266.	4.7	24
13	A multi-scale methodological approach for slow-moving landslide risk mitigation in urban areas, southern Italy. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2019, 4, 1.	1.3	19
14	Geology, slow-moving landslides, and damages to buildings in the Verbicaro area (north-western Italy). <i>Journal of Geotechnical Engineering</i> , 2017, 14, 1993-2007.	2.0	18
15	Analysis of Building Vulnerability to Slow-Moving Landslides via A-DInSAR and Damage Survey Data. <i>Journal of Geotechnical Engineering</i> , 2017, 14, 899-907.		12
16	Quantitative risk analysis for hyperconcentrated flows in Nocera Inferiore (southern Italy). <i>Natural Hazards</i> , 2016, 81, 89-115.	3.4	9
17	Investigating the Behaviour of Buildings with Different Foundation Types on Soft Soils: Two Case Studies in the Netherlands. <i>Procedia Engineering</i> , 2016, 158, 529-534.	1.2	8
18	A land subsidence study via DInSAR technique over large urbanised areas. <i>Journal of Geotechnical Engineering</i> , 2007, 14, 1993-2007.		7

#	ARTICLE	IF	CITATIONS
19	Deterministic and probabilistic analyses of the 3D response of masonry buildings to imposed settlement troughs. <i>Georisk</i> , 2020, 14, 260-279.	3.5	7
20	Collapse of a Model Strip Footing on Dense Sand Under Vertical Eccentric Loads. <i>Geotechnical and Geological Engineering</i> , 2009, 27, 265-279.	1.7	6
21	Thickness of pyroclastic cover beds: the case study of Mount Albino (Campania region, southern Italy). <i>Journal of Maps</i> , 2016, 12, 79-87.	2.0	6
22	Landslide Susceptibility Analysis by Applying TRIGRS to a Reliable Geotechnical Slope Model. <i>Geosciences (Switzerland)</i> , 2022, 12, 18.	2.2	6
23	A cost-benefit analysis of mitigation options for optimal management of risks posed by flow-like phenomena. <i>Natural Hazards</i> , 2016, 81, 117-144.	3.4	5
24	Small-scale analysis to rank municipalities requiring slow-moving landslide risk mitigation measures: the case study of the Calabria region (southern Italy). <i>Geoenvironmental Disasters</i> , 2021, 8, .	3.6	5
25	Introduction to the thematic set of papers on the quantitative analysis of landslide risk. <i>Bulletin of Engineering Geology and the Environment</i> , 2014, 73, 207-208.	3.5	4
26	Analysis of evapotranspiration processes in the Sassi of Matera (southern Italy). <i>Energy Procedia</i> , 2017, 133, 109-120.	1.8	4
27	Building damage assessment and settlement monitoring in subsidence-affected urban areas: case study in the Netherlands. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 382, 651-656.	1.0	4
28	Influence of net stress on the soil-water retention curves of a natural pyroclastic soil. <i>Geotechnique Letters</i> , 2017, 7, 339-346.	1.2	2
29	Hyperconcentrated Flow Susceptibility Analysis and Zoning at Medium Scale: Methodological Approach and Case Study. , 2013, , 395-401.		2
30	An interdisciplinary approach to landslide damage assessment in urban areas. , 2021, , .		0