

Ernesto Cascone

List of Publications by Year in descending order

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26
papers

564
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623574

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times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Static and seismic bearing capacity of shallow strip footings. <i>Soil Dynamics and Earthquake Engineering</i> , 2016, 84, 204-223.	1.9	68
2	Coupling of topographic and stratigraphic effects on seismic response of slopes through 2D linear and equivalent linear analyses. <i>Soil Dynamics and Earthquake Engineering</i> , 2014, 67, 66-84.	1.9	63
3	Evaluation of the seismic response of a homogeneous earth dam. <i>Soil Dynamics and Earthquake Engineering</i> , 2009, 29, 782-798.	1.9	45
4	Static and seismic limit equilibrium analysis of sliding retaining walls under different surcharge conditions. <i>Soil Dynamics and Earthquake Engineering</i> , 2012, 37, 38-55.	1.9	44
5	Decoupled seismic analysis of an earth dam. <i>Soil Dynamics and Earthquake Engineering</i> , 2003, 23, 349-365.	1.9	42
6	Seismic stability of retaining walls with surcharge. <i>Soil Dynamics and Earthquake Engineering</i> , 2000, 20, 469-476.	1.9	39
7	A case study on soil settlements induced by preloading and vertical drains. <i>Geotextiles and Geomembranes</i> , 2013, 38, 51-67.	2.3	33
8	A GLE-based model for seismic displacement analysis of slopes including strength degradation and geometry rearrangement. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 71, 128-142.	1.9	29
9	Flow and deformation failure of sandy slopes. <i>Soil Dynamics and Earthquake Engineering</i> , 2002, 22, 1103-1114.	1.9	25
10	Dynamic characterization of fine-grained soils in Central Italy by laboratory testing. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 5503-5531.	2.3	25
11	Displacement versus pseudo-static evaluation of the seismic performance of sliding retaining walls. <i>Bulletin of Earthquake Engineering</i> , 2014, 12, 1239-1267.	2.3	23
12	Seismic response of saturated cohesionless slopes. <i>Soil Dynamics and Earthquake Engineering</i> , 2000, 20, 209-215.	1.9	22
13	Generation of fully non-stationary random processes consistent with target seismic accelerograms. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 141, 106467.	1.9	19
14	Assessment and mapping of debris-flow risk in a small catchment in eastern Sicily through integrated numerical simulations and GIS. <i>Physics and Chemistry of the Earth</i> , 2012, 49, 52-63.	1.2	18
15	Static and seismic bearing capacity of shallow strip foundations on slopes. <i>Geotechnique</i> , 2022, 72, 769-783.	2.2	15
16	Dynamic image analysis of Etna Sand in one-dimensional compression. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 104, 336-346.	2.5	10
17	Screening-level analyses for the evaluation of the seismic performance of a zoned earth dam. <i>Engineering Geology</i> , 2021, 280, 105954.	2.9	9
18	Effect of vertical input motion and excess pore pressures on the seismic performance of a zoned dam. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 142, 106566.	1.9	9

#	ARTICLE	IF	CITATIONS
19	The Static and Seismic Bearing Capacity Factor $N^{\hat{3}}$ for Footings Adjacent to Slopes. Procedia Engineering, 2016, 158, 410-415.	1.2	8
20	Seismic Performance of the San Pietro Dam. Procedia Engineering, 2016, 158, 362-367.	1.2	8
21	GEOTECHNICAL ASPECTS AFFECTING THE SELECTION OF INPUT MOTION FOR SEISMIC SITE RESPONSE ANALYSIS. , 2019, , .		4
22	Measurements and predictions of settlements induced by preloading and vertical drains on a heterogeneous soil deposit. Measurement: Journal of the International Measurement Confederation, 2017, 104, 302-315.	2.5	3
23	A GLE multi-block model for the evaluation of seismic displacements of slopes. AIP Conference Proceedings, 2008, , .	0.3	2
24	GENERATION OF ARTIFICIAL ACCELEROGRAMS CONSISTENT WITH EARTHQUAKE-INDUCED GROUND MOTIONS. , 2020, , .		1
25	Evaluation of Pseudo-Static Coefficients According to Performance-Based Criteria. AIP Conference Proceedings, 2008, , .	0.3	0
26	One-dimensional compression of volcanic ash of Mount Etna. , 2015, , 125-126.		0