

Fabio Gabrieli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6971095/publications.pdf>

Version: 2024-02-01

27
papers

351
citations

933447

10
h-index

839539

18
g-index

29
all docs

29
docs citations

29
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrete element analysis of the punching behaviour of a secured drapery system: from laboratory characterization to idealized in situ conditions. <i>Acta Geotechnica</i> , 2021, 16, 2553-2573.	5.7	9
2	Discrete element simulation of wire-mesh retaining systems: An insight into the mechanical behaviour. <i>Computers and Geotechnics</i> , 2021, 134, 104076.	4.7	14
3	A Discrete Element Framework for the modelling of rock-filled gabions. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 833, 012102.	0.3	1
4	Digital terrestrial photogrammetry for a dense monitoring of the surficial displacements of a landslide. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 833, 012145.	0.3	1
5	A simple tool for forecasting the mechanical response of anchored wire mesh panels. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 833, 012104.	0.3	2
6	Propagation analysis and risk assessment of an active complex landslide using a Monte Carlo statistical approach. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 833, 012130.	0.3	1
7	Collapse of granular cohesive soil mixtures on a horizontal plane. <i>Acta Geotechnica</i> , 2020, 15, 695-714.	5.7	9
8	Digital Terrestrial Stereo-Photogrammetry for Monitoring Landslide Displacements: A Case Study in Recoaro Terme (VI). <i>Lecture Notes in Civil Engineering</i> , 2020, , 155-163.	0.4	1
9	Enhancement of Design Methodologies of Anchored Mesh Systems Using the Discrete Element Method. <i>Lecture Notes in Civil Engineering</i> , 2020, , 500-508.	0.4	4
10	Drag in wet granular materials. <i>Powder Technology</i> , 2019, 356, 231-239.	4.2	11
11	Collapse and runout of granular columns in pendular state. <i>Physics of Fluids</i> , 2018, 30, .	4.0	23
12	Granular Jamming as Controllable Stiffness Mechanism for Medical Devices. <i>Trends in Mathematics</i> , 2018, , 57-66.	0.1	6
13	Spreading of Kaolin and Sand Mixtures on a Horizontal Plane: Physical Experiments and SPH Numerical Modelling. <i>Procedia Engineering</i> , 2017, 175, 197-203.	1.2	6
14	Influence of Structural Stiffness on Ratcheting Convection Cells of Granular Soil under Cyclic Lateral Loading. <i>Procedia Engineering</i> , 2017, 175, 148-156.	1.2	4
15	Capillary force and rupture of funicular liquid bridges between three spherical bodies. <i>Powder Technology</i> , 2017, 305, 89-98.	4.2	79
16	Experiments and DEM Simulations of Granular Ratcheting. <i>EPJ Web of Conferences</i> , 2017, 140, 03061.	0.3	1
17	Influence of Mixture Composition in the Collapse of Soil Columns. , 2017, , 449-455.		0
18	Impact of Dry Granular Flows on a Rigid Wall: Discrete and Continuum Approach. <i>Procedia Engineering</i> , 2016, 158, 152-157.	1.2	7

#	ARTICLE	IF	CITATIONS
19	A low-cost landslide displacement activity assessment from time-lapse photogrammetry and rainfall data: Application to the Tessina landslide site. <i>Geomorphology</i> , 2016, 269, 56-74.	2.6	19
20	A new data assimilation procedure to develop a debris flow run-out model. <i>Landslides</i> , 2016, 13, 1083-1096.	5.4	14
21	Granular ratcheting phenomena behind a model retaining wall. , 2014, , 601-606.		2
22	Collapse of quasi-two-dimensional wet granular columns. <i>Physical Review E</i> , 2013, 87, .	2.1	30
23	Discrete particle simulations and experiments on the collapse of wet granular columns. <i>Physics of Fluids</i> , 2013, 25, .	4.0	24
24	Micromechanical modelling of erosion due to evaporation in a partially wet granular slope. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2012, 36, 918-943.	3.3	43
25	Effect of the Pendular State on the Collapse of Granular Columns. <i>Special Publication - Royal Society of Chemistry</i> , 2012, , 95-102.	0.0	1
26	Use of an up-scaled DEM model for analysing the behaviour of a shallow foundation on a model slope. <i>Geomechanics and Geoengineering</i> , 2009, 4, 109-122.	1.8	32
27	Stability Analysis of a Landslide Scarp by Means of Virtual Outcrops: The Mt. Peron Niche Area (Masiere di Vedana Rock Avalanche, Eastern Southern Alps). <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	0