

Fabrizio Barpi

List of Publications by Year in descending order

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papers

441
citations

623188

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713013

21
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30
all docs

30
docs citations

30
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives on Snow Avalanche Dynamics Research. Geosciences (Switzerland), 2021, 11, 57.	1.0	3
2	Hacking Higher Education: Rethinking the EduHack Course. Education Sciences, 2021, 11, 40.	1.4	3
3	Impact of Debris Flows on Filter Barriers: Analysis Based on Site Monitoring Data. Environmental and Engineering Geoscience, 2021, 27, 195-212.	0.3	6
4	Pedestrian Bridge Application in a Fundamentals of Structural Analysis Course Inside an Architecture Bachelor Program. International Journal of Engineering Pedagogy, 2021, 11, 4.	0.7	0
5	Work-in-Progress: Pedestrian bridge application in a Fundamentals of Structural Analysis course inside an Architecture bachelor program. , 2020, , .		0
6	Snow Avalanche Impact Measurements at the Seehore Test Site in Aosta Valley (NW Italian Alps). Geosciences (Switzerland), 2019, 9, 471.	1.0	5
7	A Large Time Increment method applied to an interface cohesive crack growing in compression-shear conditions. Engineering Fracture Mechanics, 2018, 192, 362-371.	2.0	1
8	An innovative bio-engineering retaining structure for supporting unstable soil. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 247-259.	3.7	9
9	Stiffening Effect of Bolt-On Transducers on Strain Measurements. Latin American Journal of Solids and Structures, 2016, 13, 536-553.	0.6	5
10	Snow Pressure on a Semiflexible Retaining Structure. Journal of Cold Regions Engineering - ASCE, 2014, 28, 04014002.	0.5	3
11	Healing of snow surface-to-surface contacts by isothermal sintering. Cryosphere, 2014, 8, 1651-1659.	1.5	17
12	A new experimental snow avalanche test site at Seehore peak in Aosta Valley (NW Italian Alps) ? Part II: Engineering aspects. Cold Regions Science and Technology, 2013, 86, 14-21.	1.6	9
13	A new experimental snow avalanche test site at Seehore peak in Aosta Valley (NW Italian Alps)â€™ part I: Conception and logistics. Cold Regions Science and Technology, 2013, 85, 175-182.	1.6	14
14	The BÃ©lidor Bascule Bridge Design. International Journal for the History of Engineering and Technology, 2012, 82, 159-175.	0.6	0
15	Analysis of Fracture Mechanics Tests on Opalinus Clay. Rock Mechanics and Rock Engineering, 2012, 45, 767.	2.6	12
16	Fracture mechanics characterization of an anisotropic geomaterial. Engineering Fracture Mechanics, 2012, 84, 111-122.	2.0	16
17	Influence of the Tunnel Shape on Shotcrete Lining Stresses. Computer-Aided Civil and Infrastructure Engineering, 2012, 27, 260-275.	6.3	17
18	The cohesive frictional crack model applied to the analysis of the dam-foundation joint. Engineering Fracture Mechanics, 2010, 77, 2182-2191.	2.0	34

#	ARTICLE	IF	CITATIONS
19	Modeling water penetration at dam-foundation joint. <i>Engineering Fracture Mechanics</i> , 2008, 75, 629-642.	2.0	30
20	Cellular-Automata Model for Dense-Snow Avalanches. <i>Journal of Cold Regions Engineering - ASCE</i> , 2007, 21, 121-140.	0.5	20
21	Lifetime evaluation of concrete structures under sustained post-peak loading. <i>Engineering Fracture Mechanics</i> , 2005, 72, 2427-2443.	2.0	20
22	Impact behaviour of concrete: a computational approach. <i>Engineering Fracture Mechanics</i> , 2004, 71, 2197-2213.	2.0	36
23	A fractional order rate approach for modeling concrete structures subjected to creep and fracture. <i>International Journal of Solids and Structures</i> , 2004, 41, 2607-2621.	1.3	31
24	Fuzzy modelling of powder snow avalanches. <i>Cold Regions Science and Technology</i> , 2004, 40, 213-227.	1.6	6
25	Cohesive crack model description of ductile to brittle size-scale transition: dimensional analysis vs. renormalization group theory. <i>Engineering Fracture Mechanics</i> , 2003, 70, 1809-1839.	2.0	64
26	Fuzzy parameters analysis of time-dependent fracture of concrete dam models. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2002, 26, 1005-1027.	1.7	16
27	Creep and fracture in concrete: a fractional order rate approach. <i>Engineering Fracture Mechanics</i> , 2002, 70, 611-623.	2.0	35
28	Time-dependent fracture of concrete dam models with fuzzy parameters. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	2
29	Size-effects induced bifurcation phenomena during multiple cohesive crack propagation. <i>International Journal of Solids and Structures</i> , 1998, 35, 1851-1861.	1.3	27
30	Recent developments in the Italian technical rules for dams and barrages. <i>Dams and Reservoirs</i> , 0, , 1-16.	0.1	0