

Dimitrios Kolymbas

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

492
citations

1163065

8
h-index

1125717

13
g-index

17
all docs

17
docs citations

17
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoplastic constitutive model with critical state for granular materials. <i>Mechanics of Materials</i> , 1996, 23, 45-69.	3.2	235
2	Numerical testing of the stability criterion for hypoplastic constitutive equations. <i>Mechanics of Materials</i> , 1990, 9, 245-253.	3.2	113
3	Proportional stress and strain paths in barodesy. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016, 40, 509-522.	3.3	22
4	Genealogy of hypoplasticity and barodesy. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016, 40, 2532-2550.	3.3	21
5	Cavity expansion in crossâ€anisotropic rock. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2012, 36, 128-139.	3.3	20
6	Geotechnical Problems of Cultural Heritage due to Floods. <i>Journal of Performance of Constructed Facilities</i> , 2010, 24, 446-451.	2.0	18
7	Kinematics of shear bands. <i>Acta Geotechnica</i> , 2009, 4, 315-318.	5.7	15
8	Barodesy as a novel hypoplastic constitutive theory based on the asymptotic behaviour of sand. <i>Geotechnik</i> , 2012, 35, 187-197.	0.2	15
9	Second-order work in barodesy. <i>Acta Geotechnica</i> , 2019, 14, 1483-1493.	5.7	8
10	Stoffgesetze FÃ¼r BÃ¼nden. , 0, , 243-287.		7
11	Incompatible deformation in rock mechanics. <i>Acta Geotechnica</i> , 2007, 2, 33-40.	5.7	6
12	Numerically obtained vortices in granular media. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019, 43, 2512-2524.	3.3	2
13	Sand eddies induced by cyclic tilt of a retaining wall. <i>Acta Geotechnica</i> , 2016, 11, 269-280.	5.7	1
14	On Oscillatory Shear Stress in Simple Shear. , 1991, , 365-368.		1
15	Concepts of Barodesy. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019, , 99-112.	0.1	0