

Hassan Moomivand

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

109
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a New Empirical Relation to Assess P-wave Velocity Anisotropy of Rocks. <i>Geotechnical and Geological Engineering</i> , 2022, 40, 1537-1550.	1.7	1
2	A New Approach to Represent Impact of Discontinuity Spacing and Rock Mass Description on the Median Fragment Size of Blasted Rocks Using Image Analysis of Rock Mass. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 2013-2038.	5.4	18
3	Stability analysis of complex behavior of salt cavern subjected to cyclic loading by laboratory measurement and numerical modeling using LOCAS (case study: Nasrabad gas storage salt cavern). <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	16
4	A new approach to improve the assessment of rock mass discontinuity spacing using image analysis technique. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 143, 104760.	5.8	5
5	The effect of mineralogy and textural characteristics on the strength of crystalline igneous rocks using image-based textural quantification. <i>Engineering Geology</i> , 2020, 266, 105467.	6.3	32
6	Development of a new empirical fragmentation model using rock mass properties, blasthole parameters, and powder factor. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	8
7	Effect of infill material of discontinuities on the failure criterion of rock under triaxial compressive stresses. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 108, 102652.	4.7	13
8	Development of a new physical modeling method to investigate the effect of porosity on the parameters of intact rock failure criteria. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	7
9	Effect of foliation orientation on the P- and S-wave velocity anisotropies and dynamic elastic constants of the quartz-micaschists metamorphic rocks, Angouran mine, Iran. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	6
10	A New Empirical Approach to Assess Wave Velocities and Dynamic Elastic Properties of Several Models of Jointed Rock Before and After Grouting. <i>Rock Mechanics and Rock Engineering</i> , 0, , 1.	5.4	3