

Amin Manouchehrian

List of Publications by Year in descending order

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15
papers

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citations

1040056

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17
all docs

17
docs citations

17
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Strainburst Control in Deep Tunnels Using a Slotted Excavation Method. International Journal of Geomechanics, 2022, 22, .	2.7	3
2	Numerical study on rock failure around a tunnel destressed by a conceptualized notched technique. Underground Space (China), 2022, 7, 1086-1097.	7.5	6
3	Failure Mechanism of Rock Specimens with a Notched Hole under Compressionâ€”A Numerical Study. Applied Sciences (Switzerland), 2021, 11, 7797.	2.5	0
4	Failure behaviour of open and closed cracks under different loading conditions. IOP Conference Series: Earth and Environmental Science, 2021, 861, 022052.	0.3	0
5	Analysis of stress and failure in rock specimens with closed and open flaws on the surface. Frontiers of Structural and Civil Engineering, 2021, 15, 1222-1237.	2.9	1
6	Numerical modeling of rockburst near fault zones in deep tunnels. Tunnelling and Underground Space Technology, 2018, 80, 164-180.	6.2	131
7	Analysis of rockburst in tunnels subjected to static and dynamic loads. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 1031-1040.	8.1	70
8	Influence of material heterogeneity on failure intensity in unstable rock failure. Computers and Geotechnics, 2016, 71, 237-246.	4.7	55
9	Simulation of unstable rock failure under unloading conditions. Canadian Geotechnical Journal, 2016, 53, 22-34.	2.8	70
10	A bonded particle model for analysis of the flaw orientation effect on crack propagation mechanism in brittle materials under compression. Archives of Civil and Mechanical Engineering, 2014, 14, 40-52.	3.8	104
11	Development of a model for analysis of slope stability for circular mode failure using genetic algorithm. Environmental Earth Sciences, 2014, 71, 1267-1277.	2.7	65
12	Selection of regression models for predicting strength and deformability properties of rocks using GA. International Journal of Mining Science and Technology, 2013, 23, 495-501.	10.3	23
13	Numerical analysis of confinement effect on crack propagation mechanism from a flaw in a pre-cracked rock under compression. Acta Mechanica Sinica/Lixue Xuebao, 2012, 28, 1389-1397.	3.4	73
14	Application of artificial neural networks and multivariate statistics to estimate UCS using textural characteristics. International Journal of Mining Science and Technology, 2012, 22, 229-236.	10.3	55
15	Comparison of indirect boundary element and finite element methods A case study: Shiraz-Esfahan railway tunnel in Iran. Frontiers of Structural and Civil Engineering, 2012, 6, 385.	2.9	1