

Mojtaba Mohammadnejad

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

188

citations

8

h-index

9

g-index

9

ext. papers

275

ext. citations

4

avg, IF

3.2

L-index

#	Paper	IF	Citations
9	Development of a 3D Hybrid Finite-Discrete Element Simulator Based on GPGPU-Parallelized Computation for Modelling Rock Fracturing Under Quasi-Static and Dynamic Loading Conditions. <i>Rock Mechanics and Rock Engineering</i> , 2020 , 53, 1079-1112	5.7	40
8	Prediction of blast-induced vibrations in limestone quarries using Support Vector Machine. <i>JVC/Journal of Vibration and Control</i> , 2012 , 18, 1322-1329	2	38
7	Development of a GPGPU-parallelized hybrid finite-discrete element method for modeling rock fracture. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019 , 43, 1797-1824	4	29
6	An overview on advances in computational fracture mechanics of rock. <i>Geosystem Engineering</i> , 2018 , 1-24	1.2	23
5	A new methodology to predict backbreak in blasting operation. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013 , 60, 75-81	6	17
4	GPGPU-parallelised hybrid finite-discrete element modelling of rock chipping and fragmentation process in mechanical cutting. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2020 , 12, 310-325	5.3	15
3	GPGPU-parallelized 3D combined finite-discrete element modelling of rock fracture with adaptive contact activation approach. <i>Computational Particle Mechanics</i> , 2020 , 7, 849-867	3	15
2	Geomechanical and Numerical Studies of Casing Damages in a Reservoir with Solid Production. <i>Rock Mechanics and Rock Engineering</i> , 2016 , 49, 1441-1460	5.7	10
1	An overview on advances in computational fracture mechanics of rock		1