

Mojtaba Mohammadnejad

List of Publications by Year in descending order

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9
papers

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citations

1162367
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docs citations

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224
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	98
2	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.	1.7	70
3	An overview on advances in computational fracture mechanics of rock. <i>Geosystem Engineering</i> , 2021, 24, 206-229.	0.7	47
4	Prediction of blast-induced vibrations in limestone quarries using Support Vector Machine. <i>JVC/Journal of Vibration and Control</i> , 2012, 18, 1322-1329.	1.5	43
5	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.	3.7	40
6	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.	1.5	35
7	A new methodology to predict backbreak in blasting operation. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013, 60, 75-81.	2.6	23
8	Geomechanical and Numerical Studies of Casing Damages in a Reservoir with Solid Production. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 1441-1460.	2.6	18
9	An overview on advances in computational fracture mechanics of rock. , 0, .		1