Shunde Yin

List of Publications by Year
in descending order

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39	556	516710 16	677142 22
papers	citations	h-index	g-index

39	39	39	390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relevance vector machine applied to slope stability analysis. International Journal for Numerical and Analytical Methods in Geomechanics, 2012, 36, 643-652.	3.3	49
2	Fully Coupled THMC Modeling of Wellbore Stability with Thermal and Solute Convection Considered. Transport in Porous Media, 2010, 84, 773-798.	2.6	43
3	Determination of in situ stresses and elastic parameters from hydraulic fracturing tests by geomechanics modeling and soft computing. Journal of Petroleum Science and Engineering, 2014, 124, 484-492.	4.2	43
4	Thermal reservoir modeling in petroleum geomechanics. International Journal for Numerical and Analytical Methods in Geomechanics, 2009, 33, 449-485.	3.3	37
5	Poroelastic modeling of borehole breakouts for in-situ stress determination by finite element method. Journal of Petroleum Science and Engineering, 2018, 162, 674-684.	4.2	29
6	Fracture evolution during rockburst under true-triaxial loading using acoustic emission monitoring. Bulletin of Engineering Geology and the Environment, 2020, 79, 4957-4974.	3.5	28
7	Strainâ€softening analysis of a spherical cavity. International Journal for Numerical and Analytical Methods in Geomechanics, 2012, 36, 182-202.	3.3	24
8	Inverse analysis of geomechanical parameters by the artificial bee colony algorithm and multi-output support vector machine. Inverse Problems in Science and Engineering, 2016, 24, 1266-1281.	1.2	23
9	Reservoir geomechanical parameters identification based on ground surface movements. Acta Geotechnica, 2013, 8, 279-292.	5.7	20
10	3D Coupled Displacement Discontinuity and Finite Element Analysis of Reservoir Behavior during Production in Semi-infinite Domain. Transport in Porous Media, 2006, 65, 425-441.	2.6	19
11	Updated Support Vector Machine for Seismic Liquefaction Evaluation Based on the Penetration Tests. Marine Georesources and Geotechnology, 2007, 25, 209-220.	2.1	19
12	Determination of In-Situ Stress and Geomechanical Properties from Borehole Deformation. Energies, 2018, 11, 131.	3.1	19
13	Estimation of Fracture Stiffness, In Situ Stresses, and Elastic Parameters of Naturally Fractured Geothermal Reservoirs. International Journal of Geomechanics, 2015, 15, .	2.7	18
14	Numerical analysis of thermal fracturing in subsurface cold water injection by finite element methods. International Journal for Numerical and Analytical Methods in Geomechanics, 2013, 37, 2523-2538.	3.3	17
15	Determination of horizontal in-situ stresses and natural fracture properties from wellbore deformation. International Journal of Oil, Gas and Coal Technology, 2014, 7, 1.	0.2	17
16	A Practical Indirect Back Analysis Approach for Geomechanical Parameters Identification. Marine Georesources and Geotechnology, 2015, 33, 212-221.	2.1	16
17	In-situ stress inversion in Liard Basin, Canada, from caliper logs. Petroleum, 2020, 6, 392-403.	2.8	13
18	A CPSO-SVM Model for Ultimate Bearing Capacity Determination. Marine Georesources and Geotechnology, 2010, 28, 64-75.	2.1	12

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19	Inference of in situ stress from thermoporoelastic borehole breakouts based on artificial neural network. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 2493-2511.	3.3	12
20	Vector-Sum Method for 2D Slope Stability Analysis Considering Vector Characteristics of Force. International Journal of Geomechanics, 2019, 19, .	2.7	12
21	Finite-Element Modeling of Borehole Breakouts for In Situ Stress Determination. International Journal of Geomechanics, 2018, 18, .	2.7	11
22	Determination of earth stresses using inverse analysis based on coupled numerical modelling and soft computing. International Journal of Computer Applications in Technology, 2015, 52, 18.	0.5	10
23	Quantitative Acoustic Emissions Source Mechanisms Analysis of Soft and Competent Rocks through Micromechanics-Seismicity Coupled Modeling. International Journal of Geomechanics, 2021, 21, .	2.7	10
24	Characterization of In Situ Stress State and Joint Properties from Extended Leak-Off Tests in Fractured Reservoirs. International Journal of Geomechanics, 2017, 17, .	2.7	8
25	A fully coupled finite element framework for thermal fracturing simulation in subsurface cold CO2 injection. Petroleum, 2018, 4, 65-74.	2.8	7
26	Numerical Investigation of the Impacts of Borehole Breakouts on Breakdown Pressure. Energies, 2019, 12, 888.	3.1	7
27	Stability analysis of the Zhangmu multi-layer landslide using the vector sum method in Tibet, China. Bulletin of Engineering Geology and the Environment, 2019, 78, 4187-4200.	3.5	7
28	Estimate of in-situ stress and geomechanical parameters for Duvernay Formation based on borehole deformation data. Journal of Petroleum Science and Engineering, 2021, 196, 107994.	4.2	7
29	Impact of elliptical boreholes on in situ stress estimation from leak-off test data. Petroleum Science, 2018, 15, 794-800.	4.9	5
30	A hybrid ANN-GA method for analysis of geotechnical parameters. , 2016, , .		3
31	Study on the Tri-axial Time-Dependent Deformation and Constitutive Model of Glauberite Salt Rock under the Coupled Effects of Compression and Dissolution. Energies, 2020, 13, 1797.	3.1	2
32	3D In Situ Stress Estimation by Inverse Analysis of Tectonic Strains. Applied Sciences (Switzerland), 2021, 11, 5284.	2.5	2
33	Determination of Horizontal In-Situ Stress Profiles and Rock Deformation Moduli in Karamay Basin Using a Multiobjective Optimization Technique. SPE Journal, 2021, 26, 3760-3777.	3.1	2
34	Thermoporoelastoplastic Wellbore Breakout Modeling by Finite Element Method. Mining, 2022, 2, 52-64.	2.4	2
35	Poroelastoplastic Borehole Modeling by Tangent Stiffness Matrix Method. International Journal of Geomechanics, 2020, 20, 04020010.	2.7	1
36	Assessment of permeability changes during rock deformation and failure of a sandstone sample using a stress-dependent pore network model. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, 1.	2.9	1

#	Article	IF	Citations
37	Laboratory assessment of capillary rising in cement- and lime-treated engineered loess. Canadian Journal of Civil Engineering, 2022, 49, 1595-1608.	1.3	1
38	Transient Stress Distribution and Failure Response of a Wellbore Drilled by a Periodic Load. Energies, 2019, 12, 3486.	3.1	0
39	Experimental Study on Optimization of Polymer Preslug Viscosity of ASP Flooding in Interlayer Heterogeneous Well Group Artificial Sandstone Core. Geofluids, 2021, 2021, 1-15.	0.7	0