Jianfu Shao

List of Publications by Year
in descending order

361	10,717	33972	55701
papers	citations	52 h-index	84 g-index

366	366	366	5090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of high temperatures and unloading confining pressures on granite. Environmental Geotechnics, 2024, 11, 51-61.	2.2	0
2	Three-dimensional Modeling of Cracking with Thermo-hydromechanical Process by Considering Rock Heterogeneity. Rock Mechanics and Rock Engineering, 2024, 57, 4367-4388.	5.3	1
3	True-triaxial simulation of sandstone with full range of Ïƒ2 based on the Rigid-Body-Spring method. Computers and Geotechnics, 2024, 165, 105872.	4.8	1
4	Experimental study of mechanical properties of hot dry granite under thermal-mechanical couplings. Geothermics, 2024, 119, 102974.	3.4	13
5	Estimation of macroscopic failure strength of heterogeneous geomaterials containing inclusion and pore with artificial neural network approach. Computers and Geotechnics, 2024, 170, 106294.	4.8	0
6	A thermo-hydromechanical damage model and its application to a deep geological radioactive repository. Computers and Geotechnics, 2024, 170, 106306.	4.8	0
7	A micromechanics-based model for rocks exhibiting microcrack-induced damage in plastic solid matrix. International Journal of Rock Mechanics and Minings Sciences, 2024, 177, 105738.	5.9	2
8	Experimental study of poromechanical behavior of Callovo-Oxfordian claystone in undrained triaxial compression and extension tests. International Journal of Rock Mechanics and Minings Sciences, 2024, 182, 105865.	5.9	0
9	Numerical study on the dynamic behavior of rock avalanche: influence of cluster shape, size and gradation. Acta Geotechnica, 2023, 18, 299-318.	5.7	7
10	Effect of rock anisotropy on initiation and propagation of fractures due to fluid pressurization. Acta Geotechnica, 2023, 18, 2039-2058.	5.7	3
11	A novel elasticâ€“plastic damage model for rock materials considering micro-structural degradation due to cyclic fatigue. International Journal of Plasticity, 2023, 160, 103496.	8.8	20
12	A novel phase-field model for mixed cracks in elasticâ€“plastic materials incorporating unilateral effect and friction sliding. Computer Methods in Applied Mechanics and Engineering, 2023, 405, 115869.	6.7	7
13	Modeling of Mixed Cracks in Rock-Like Brittle Materials Under Compressive Stresses by a Double-Phase-Field Method. Rock Mechanics and Rock Engineering, 2023, 56, 2779-2792.	5.3	6
14	Study of effective elastic properties of heterogeneous materials with an artificial neural network model. Mechanics of Materials, 2023, 179, 104597.	3.3	3
15	Meso-scale Finite Element modeling of the Fracture Process Zone evolution for concrete. Theoretical and Applied Fracture Mechanics, 2023, 125, 103869.	4.7	3
16	Influence of interface transition zone on effective elastic property of heterogeneous materials with an artificial neural network study. International Journal for Numerical and Analytical Methods in Geomechanics, 2023, 47, 1134-1151.	3.4	1
17	A nonlinear constitutive model for whole stressâ€“strain behaviors of compressed rocks incorporating crack closure effect. International Journal for Numerical and Analytical Methods in Geomechanics, 2023, 47, 2003-2026.	3.4	5
18	A hybrid phase-field method for modeling mixed-mode fractures in elastoplastic rock-like materials. Computers and Geotechnics, 2023, 160, 105523.	4.8	6

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19	Estimation of elastic properties and failure strength of layered rocks with a multi-scale damage approach. International Journal of Plasticity, 2023, 168, 103681.	8.8	5
20	Numerical analysis of hydro-thermal fracturing in saturated rocks by considering material anisotropy and micro-structural heterogeneity. International Journal of Rock Mechanics and Minings Sciences, 2023, 170, 105457.	5.9	6
21	Numerical modelling the influence of water content on the mechanical behaviour of concrete under high confining pressures. Mechanics Research Communications, 2022, 119, 103819.	1.9	5
22	A bipotential-based macroscopic fatigue criterion of porous materials with a pressure-sensitive and non-associated plastic solid matrix and comparison with numerical simulation. Mechanics of Materials, 2022, 165, 104161.	3.3	3
23	Creep Deformation and Gas Permeability in Fractured Claystone Under Various Stress States. Rock Mechanics and Rock Engineering, 2022, 55, 1843-1853.	5.3	6
24	Prediction of TBM cutterhead speed and penetration rate for high-efficiency excavation of hard rock tunnel using CNN-LSTM model with construction big data. Arabian Journal of Geosciences, 2022, 15, 1.	1.4	16
25	Experimental Investigation and Semi-Analytical Simulation of Instantaneous and Time-Dependent Damage Behaviors of Beishan Granite. Rock Mechanics and Rock Engineering, 2022, 55, 2341-2352.	5.3	8
26	A constitutive model for anisotropic clay-rich rocks considering micro-structural composition. International Journal of Rock Mechanics and Minings Sciences, 2022, 151, 105029.	5.9	18
27	Application of Continuum Damage Mechanics in Hydraulic Fracturing Simulations. , 2022, , 751-768.		0
28	Micromechanics-Based Models for Induced Damage in Rock-Like Materials. , 2022, , 725-749.		0
29	Numerical Analysis of Damage by Phase-Field Method. , 2022, , 701-724.		1
30	A new incremental variational micro-mechanical model for porous rocks with a pressure-dependent and compressionâ€“tension asymmetric plastic solid matrix. International Journal of Rock Mechanics and Minings Sciences, 2022, 153, 105059.	5.9	6
31	Contribution of atomistic study to better understand water saturation effect on mechanical behavior of clayey rocks in triaxial compression. Computers and Geotechnics, 2022, 146, 104738.	4.8	11
32	Numerical study of time-dependent deformation and cracking in brittle rocks with phase-field method and application to slope instability analysis. International Journal of Rock Mechanics and Minings Sciences, 2022, 155, 105144.	5.9	9
33	An elastoplastic damage constitutive model for rock-like materials with a fractional plastic flow rule. International Journal of Rock Mechanics and Minings Sciences, 2022, 156, 105140.	5.9	8
34	Time-dependent behaviour of an oil-well cement paste subjected to leaching under temperature. European Journal of Environmental and Civil Engineering, 2021, 25, 1962-1976.	2.0	1
35	Shear strength of interface between high-performance concrete and claystone in the context of a French radioactive waste repository project. Geotechnique, 2021, 71, 534-547.	4.1	12
36	Effect of water chemical corrosion on mechanical properties and failure modes of pre-fissured sandstone under uniaxial compression. Acta Geotechnica, 2021, 16, 1083-1099.	5.7	39

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37	A Heuristic Elastoplastic Damage Constitutive Modeling Method for Geomaterials: From Strength Criterion to Analytical Full-Spectrum Stressâ€“Strain Curves. International Journal of Geomechanics, 2021, 21, .	2.9	11
38	A phase-field modeling method for the mixed-mode fracture of brittle materials based on spectral decomposition. Engineering Fracture Mechanics, 2021, 242, 107473.	4.3	12
39	Modeling of damage and cracking in heterogeneous rock-like materials by phase-field method. Mechanics Research Communications, 2021, 114, 103612.	1.9	10
40	Numerical Analysis of Damage by Phase-Field Method. , 2021, , 1-24.		0
41	Strength Behaviour of a High-Performance Concrete Under Drying. RILEM Bookseries, 2021, , 155-164.	0.0	0
42	Experimental study of concrete creep under thermal-mechanical-hydric conditions. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.0	4
43	Insight of molecular simulation to better assess deformation and failure of clay-rich rocks in compression and extension. International Journal of Rock Mechanics and Minings Sciences, 2021, 138, 104589.	5.9	10
44	A multi-scale model of plasticity and damage for rock-like materials with pores and inclusions. International Journal of Rock Mechanics and Minings Sciences, 2021, 138, 104579.	5.9	19
45	Numerical study of thermo-hydro-mechanical responses of in situ heating test with phase-field model. International Journal of Rock Mechanics and Minings Sciences, 2021, 138, 104542.	5.9	33
46	Modification of poroelastic properties in granite by heatingâ€“cooling treatment. Acta Geotechnica, 2021, 16, 2165-2173.	5.7	6
47	Influences of structural anisotropy and heterogeneity on three-dimensional strain fields and cracking patterns of a clay-rich rock. Acta Geotechnica, 2021, 16, 2175-2187.	5.7	11
48	Analysis of Local Creep Strain Field and Cracking Process in Claystone by X-Ray Micro-Tomography and Digital Volume Correlation. Rock Mechanics and Rock Engineering, 2021, 54, 1937-1952.	5.3	18
49	Experimental investigations on the tensile behaviour of granite after heating and water-cooling treatment. Bulletin of Engineering Geology and the Environment, 2021, 80, 5909-5920.	3.5	7
50	A micro-mechanical constitutive model for heterogeneous rocks with non-associated plastic matrix as implicit standard materials. Computers and Geotechnics, 2021, 133, 104026.	4.8	5
51	Numerical study of shrinkage and heating induced cracking in concrete materials and influence of inclusion stiffness with Peridynamics method. Computers and Geotechnics, 2021, 133, 103998.	4.8	11
52	A variational-based homogenization model for plastic shakedown analysis of porous materials with a large range of porosity. International Journal of Mechanical Sciences, 2021, 199, 106429.	6.9	10
53	The Effect of Pre-heating Treatment and Waterâ€“Cement Ratio on the Shearing Behavior and Permeability of Graniteâ€“Cement Interface Samples. Rock Mechanics and Rock Engineering, 2021, 54, 5639-5650.	5.3	3
54	Experimental study of gas permeability evolution in tight sandstone with damage and cracking along various stress loading paths. Bulletin of Engineering Geology and the Environment, 2021, 80, 7847-7863.	3.5	7

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55	Numerical modeling of deformation and damage around underground excavation by phase-field method with hydromechanical coupling. Computers and Geotechnics, 2021, 138, 104369.	4.8	20
56	Friction-damage coupled models and macroscopic strength criteria for ice-saturated frozen silt with crack asperity variation by a micromechanical approach. Engineering Geology, 2021, 294, 106405.	6.4	13
57	An improved hydromechanical model for particle flow simulation of fractures in fluid-saturated rocks. International Journal of Rock Mechanics and Minings Sciences, 2021, 147, 104870.	5.9	17
58	A novel micromechanics-enhanced phase-field model for frictional damage and fracture of quasi-brittle geomaterials. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114060.	6.7	24
59	Estimation of constituent properties of concrete materials with an artificial neural network based method. Cement and Concrete Research, 2021, 150, 106614.	11.1	25
60	Investigation of Parameter Influence on Damage Evolution via PD-FEM Coupling Method. Lecture Notes in Civil Engineering, 2021, , 672-679.	0.0	0
61	Molecular dynamics study on creep behavior of montmorillonite. IOP Conference Series: Earth and Environmental Science, 2021, 861, 042099.	0.3	1
62	Plastic modeling of porous rocks in drained and undrained conditions. Computers and Geotechnics, 2020, 117, 103277.	4.8	11
63	Evaluation and improvement of macroscopic yield criteria of porous media having a Drucker-Prager matrix. International Journal of Plasticity, 2020, 126, 102609.	8.8	31
64	Incorporation of tension-compression asymmetry into plastic damage phase-field modeling of quasi brittle geomaterials. International Journal of Plasticity, 2020, 124, 71-95.	8.8	57
65	Micromechanical modelling of short- and long-term behavior of saturated quasi-brittle rocks. Mechanics of Materials, 2020, 142, 103298.	3.3	19
66	A micromechanicalâ€based elastoâ€viscoplastic model for the Callovoâ€Oxfordian argillite: Algorithms, validations, and applications. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 183-207.	3.4	7
67	A new bond model in peridynamics theory for progressive failure in cohesive brittle materials. Engineering Fracture Mechanics, 2020, 223, 106767.	4.3	44
68	Digital Volume Correlation Applied to X-ray Micro-Tomography Images in Uniaxial Creep Tests on Anisotropic Clayey Rock. Applied Sciences (Switzerland), 2020, 10, 4898.	2.6	8
69	A microstructure-based constitutive model for cement paste with chemical leaching effect. Mechanics of Materials, 2020, 150, 103571.	3.3	10
70	Prediction of plastic yield surface for porous materials by a machine learning approach. Materials Today Communications, 2020, 25, 101477.	2.0	9
71	Modeling of hydraulic fracturing in viscoelastic formations with the fractional Maxwell model. Computers and Geotechnics, 2020, 126, 103723.	4.8	19
72	Influence of inclusion rigidity on shrinkage induced micro-cracking of cementitious materials. Cement and Concrete Composites, 2020, 114, 103773.	10.8	5

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73	A Semi-empirical Failure Criterion for Brittle Rocks. Rock Mechanics and Rock Engineering, 2020, 53, 4271-4277.	5.3	6
74	Foliation Effects on Mechanical and Failure Characteristics of Slate in 3D Space Under Brazilian Test Conditions. Rock Mechanics and Rock Engineering, 2020, 53, 3919-3936.	5.3	22
75	A micro-mechanics-based elastoplastic friction-damage model for brittle rocks and its application in deformation analysis of the left bank slope of Jinping I hydropower station. Acta Geotechnica, 2020, 15, 3443-3460.	5.7	15
76	A three-scale micro-mechanical model for elasticâ€“plastic damage modeling of shale rocks. Acta Geotechnica, 2020, 15, 3525-3543.	5.7	6
77	A method to experimentally investigate injection-induced activation of fractures. Journal of Rock Mechanics and Geotechnical Engineering, 2020, 12, 1326-1332.	8.3	9
78	Experimental and numerical investigation of microstructure effect on the mechanical behavior and failure process of brittle rocks. Computers and Geotechnics, 2020, 125, 103639.	4.8	10
79	A novel FFT-based phase field model for damage and cracking behavior of heterogeneous materials. International Journal of Plasticity, 2020, 133, 102786.	8.8	38
80	An extended finite element solution for hydraulic fracturing with thermo-hydro-elasticâ€“plastic coupling. Computer Methods in Applied Mechanics and Engineering, 2020, 364, 112967.	6.7	66
81	Deformation and mechanical properties of rock: effect of hydromechanical coupling under unloading conditions. Bulletin of Engineering Geology and the Environment, 2020, 79, 5517-5534.	3.5	12
82	A multiscale elastoplastic constitutive model for geomaterials with a porous matrix-inclusion microstructure. Computers and Geotechnics, 2020, 126, 103683.	4.8	7
83	An adaptive coupling method of state-based peridynamics theory and finite element method for modeling progressive failure process in cohesive materials. Computer Methods in Applied Mechanics and Engineering, 2020, 370, 113248.	6.7	24
84	Numerical homogenization of elastic properties and plastic yield stress of rock-like materials with voids and inclusions at same scale. European Journal of Mechanics, A/Solids, 2020, 81, 103958.	3.8	18
85	Shakedown analysis of a hollow sphere by interior-point method with non-linear optimization. International Journal of Mechanical Sciences, 2020, 175, 105515.	6.9	11
86	A micromechanics-based enhanced plastic damage model including localization analysis for heterogeneous geomaterials. Computers and Geotechnics, 2020, 122, 103512.	4.8	8
87	A homogenized macroscopic criterion for shakedown analysis of ductile porous media with kinematical hardening matrix. European Journal of Mechanics, A/Solids, 2020, 82, 104015.	3.8	8
88	Influence of cooling rate on thermal degradation of physical and mechanical properties of granite. International Journal of Rock Mechanics and Minings Sciences, 2020, 129, 104285.	5.9	38
89	Application of Continuum Damage Mechanics in Hydraulic Fracturing Simulations. , 2020, , 1-19.		0
90	Mechanical Behavior of Claystone in Lateral Decompression Test and Thermal Effect. Rock Mechanics and Rock Engineering, 2019, 52, 321-334.	5.3	38

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91	Influence of pore pressure on plastic deformation and strength of limestone under compressive stress. Acta Geotechnica, 2019, 14, 535-545.	5.7	14
92	Bayesian model selection for sand with generalization ability evaluation. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 2305-2327.	3.4	51
93	Homogenization of rock-like materials with plastic matrix based on an incremental variational principle. International Journal of Plasticity, 2019, 123, 145-164.	8.8	26
94	A new experimental method for tensile property study of quartz sandstone under confining pressure. International Journal of Rock Mechanics and Minings Sciences, 2019, 123, 104091.	5.9	34
95	Study of deformation and failure in an anisotropic rock with a three-dimensional discrete element model. International Journal of Rock Mechanics and Minings Sciences, 2019, 120, 17-28.	5.9	34
96	A new discrete method for modeling hydraulic fracturing in cohesive porous materials. Journal of Petroleum Science and Engineering, 2019, 180, 257-267.	4.3	24
97	An upscaled model for elastoplastic behavior of the Callovo-Oxfordian argillite. Computers and Geotechnics, 2019, 112, 81-92.	4.8	7
98	Effect of plastic deformation on hydraulic fracturing with extended element method. Acta Geotechnica, 2019, 14, 2083-2101.	5.7	18
99	A single-objective EPR based model for creep index of soft clays considering L2 regularization. Engineering Geology, 2019, 248, 242-255.	6.4	58
100	Study of hydraulic fracturing in an anisotropic poroelastic medium via a hybrid EDFM-XFEM approach. Computers and Geotechnics, 2019, 105, 51-68.	4.8	88
101	Evolution of bulk compressibility and permeability of granite due to thermal cracking. Geotechnique, 2019, 69, 906-916.	4.1	12
102	Effects of confining pressure and loading path on deformation and strength of cohesive granular materials: a three-dimensional DEM analysis. Acta Geotechnica, 2019, 14, 443-460.	5.7	32
103	A micro-mechanics-based elasticâ€“plastic model for porous rocks: applications to sandstone and chalk. Acta Geotechnica, 2018, 13, 329.	5.7	8
104	Effects of relative humidity and mineral compositions on creep deformation and failure of a claystone under compression. International Journal of Rock Mechanics and Minings Sciences, 2018, 103, 68-76.	5.9	61
105	A Micromechanics-Based Elastoplastic Damage Model for Rocks with a Brittleâ€“Ductile Transition in Mechanical Response. Rock Mechanics and Rock Engineering, 2018, 51, 1729-1737.	5.3	26
106	Three-dimensional Reconstruction of Block Shape Irregularity and its Effects on Block Impacts Using an Energy-Based Approach. Rock Mechanics and Rock Engineering, 2018, 51, 1173-1191.	5.3	16
107	Effects of inclusions and pores on plastic and viscoplastic deformation of rock-like materials. International Journal of Plasticity, 2018, 108, 107-124.	8.8	34
108	Elastoplastic modelling the creep behaviour of cataclastic rock under multi-stage deviatoric stress. European Journal of Environmental and Civil Engineering, 2018, 22, 650-665.	2.0	5

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109	A damage model of mechanical behavior of porous materials: Application to sandstone. International Journal of Damage Mechanics, 2018, 27, 1325-1351.	4.2	22
110	A micro-mechanics based plastic damage model for quasi-brittle materials under a large range of compressive stress. International Journal of Plasticity, 2018, 100, 156-176.	8.8	85
111	Numerical modeling of the elastoplastic damage behavior of dry and saturated concrete targets subjected to rigid projectile penetration. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 312-338.	3.4	7
112	Numerical modelling of long-term stability of the rock joint. European Journal of Environmental and Civil Engineering, 2018, 22, s415-s433.	2.0	3
113	Laboratory Investigation on Physical and Mechanical Properties of Granite After Heating and Water-Cooling Treatment. Rock Mechanics and Rock Engineering, 2018, 51, 677-694.	5.3	199
114	Numerical study of hydraulic fracture propagation accounting for rock anisotropy. Journal of Petroleum Science and Engineering, 2018, 160, 422-432.	4.3	81
115	Multi-step triaxial compressive creep behaviour and induced gas permeability change of clay-rich rock. Geotechnique, 2018, 68, 281-289.	4.1	41
116	Creep Strain and Permeability Evolution in Cracked Granite Subjected to Triaxial Stress and Reactive Flow. Geofluids, 2018, 2018, 1-10.	0.7	3
117	Analysis of localized cracking in quasi-brittle materials with a micro-mechanics based friction-damage approach. Journal of the Mechanics and Physics of Solids, 2018, 119, 163-187.	4.9	46
118	An approximate strength criterion of porous materials with a pressure sensitive and tension-compression asymmetry matrix. International Journal of Engineering Science, 2018, 132, 1-15.	5.1	21
119	Characterization of the mechanical properties of a claystone by nano-indentation and homogenization. Acta Geotechnica, 2018, 13, 1395-1404.	5.7	36
120	Influences of micro-pores and meso-pores on elastic and plastic properties of porous materials. European Journal of Mechanics, A/Solids, 2018, 72, 407-423.	3.8	27
121	Lateral Decompression Behaviors of a Hard Claystone in Excavation-Damaged Zone of Galleries. Springer Series in Geomechanics and Geoengineering, 2018, , 1702-1706.	0.0	0
122	Influences of chemical leaching on elastic and plastic properties of cement-based materials. European Journal of Environmental and Civil Engineering, 2017, 21, 696-711.	2.0	3
123	Some micromechanical models of elastoplastic behaviors of porous geomaterials. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 1-17.	8.3	25
124	Macroscopic criteria for Green type porous materials with spheroidal voids: application to double porous materials. International Journal for Numerical and Analytical Methods in Geomechanics, 2017, 41, 1453-1473.	3.4	9
125	A Micro-Mechanical Analysis of Induced Anisotropic Damage in Initially Anisotropic Materials. Springer Series in Geomechanics and Geoengineering, 2017, , 415-420.	0.0	0
126	A coupled elastoplastic and visco-plastic damage model for hard clay and its application for the underground gallery excavation. Underground Space (China), 2017, 2, 60-72.	7.5	13

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127	A micro-mechanics based viscoplastic model for clayey rocks. Computers and Geotechnics, 2017, 89, 92-102.	4.8	19
128	A numerical study of mechanical behavior of a cement paste under mechanical loading and chemical leaching. International Journal for Numerical and Analytical Methods in Geomechanics, 2017, 41, 1848-1869.	3.4	7
129	Bridging meso- and microscopic anisotropic unilateral damage formulations for microcracked solids. Comptes Rendus - Mecanique, 2017, 345, 281-292.	0.8	5
130	Numerical study of excavation induced fractures using an extended rigid block spring method. Computers and Geotechnics, 2017, 85, 368-383.	4.8	33
131	Micromechanics of rock damage: Advances in the quasi-brittle field. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 29-40.	8.3	47
132	Approximate macroscopic yield criteria for Drucker-Prager type solids with spheroidal voids. International Journal of Plasticity, 2017, 99, 221-247.	8.8	36
133	Experimental study and modeling of hydromechanical behavior of concreteÂfracture. Water Science and Engineering, 2017, 10, 97-106.	3.4	9
134	Stress-induced permeability evolutions and erosion damage of porous rocks. , 2017, , 63-92.		2
135	Application of continuum damage mechanics in hydraulic fracturing simulations. , 2017, , 197-212.		5
136	Multiscale modeling approaches and micromechanics of porous rocks. , 2017, , 215-232.		1
137	Anisotropic poroplasticity in saturated porous media, effect of confining pressure, and elevated temperature. , 2017, , 27-46.		1
138	Parametric study of thermo-hydro-mechanical response of claystone with consideration of steel corrosion. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 449-462.	8.3	1
139	Micromechanical Modeling of Elastoplastic Behavior of a Shale Gas Reservoir. , 2017, , .		0
140	Triaxial Creep Induced Gas Permeability Change and Elastic Modulus Variation in Callovo-Oxfordian Argillite. , 2017, , .		1
141	Strength Behavior, Creep Failure and Permeability Change of a Tight Marble Under Triaxial Compression. Rock Mechanics and Rock Engineering, 2017, 50, 529-541.	5.3	47
142	Water Saturation Induced Strength Degradation of Callovo-Oxfordian Claystone. Springer Series in Geomechanics and Geoengineering, 2017, , 11-17.	0.0	4
143	The 100 Top-Cited Articles Published in Emergency Medicine Journals: A Bibliometric Analysis. Hong Kong Journal of Emergency Medicine, 2016, 23, 329-339.	0.6	7
144	A micromechanicsâ€based model for concrete materials subjected to carbonation. International Journal for Numerical and Analytical Methods in Geomechanics, 2016, 40, 1203-1218.	3.4	8

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145	Gas permeability evolution mechanism during creep of a low permeable claystone. Applied Clay Science, 2016, 129, 47-53.	5.4	31
146	An incremental micro-macro model for porous geomaterials with double porosity and inclusion. International Journal of Plasticity, 2016, 83, 37-54.	8.8	53
147	An elasticâ€“plastic model for porous rocks with two populations of voids. Computers and Geotechnics, 2016, 76, 194-200.	4.8	11
148	Damage and plastic friction in initially anisotropic quasi brittle materials. International Journal of Plasticity, 2016, 82, 260-282.	8.8	43
149	Analytical and numerical analysis of frictional damage in quasi brittle materials. Journal of the Mechanics and Physics of Solids, 2016, 92, 137-163.	4.9	100
150	Experimental Investigation on Mechanical Behavior and Permeability Evolution of a Porous Limestone Under Compression. Rock Mechanics and Rock Engineering, 2016, 49, 3425-3435.	5.3	53
151	A numerical damage model for initially anisotropic materials. International Journal of Solids and Structures, 2016, 100-101, 245-256.	2.7	15
152	Time-Dependent Behavior of Cataclastic Rocks in a Multi-Loading Triaxial Creep Test. Rock Mechanics and Rock Engineering, 2016, 49, 3793-3803.	5.3	48
153	A micromechanical model for porous materials with a reinforced matrix. Mechanics Research Communications, 2016, 72, 81-86.	1.9	5
154	Gas Permeability Evolution with Deformation and Cracking Process in a White Marble Under Compression. Transport in Porous Media, 2016, 111, 441-455.	2.6	24
155	Effects of Acid Solution on the Mechanical Behavior of Sandstone. Journal of Materials in Civil Engineering, 2016, 28, .	3.0	24
156	A unified micromechanics-based damage model for instantaneous and time-dependent behaviors of brittle rocks. International Journal of Rock Mechanics and Minings Sciences, 2016, 84, 187-196.	5.9	58
157	A discrete approach for modeling damage and failure in anisotropic cohesive brittle materials. Engineering Fracture Mechanics, 2016, 155, 102-118.	4.3	44
158	Numerical study of a concrete target under the penetration of rigid projectile using an elastoplastic damage model. Engineering Structures, 2016, 111, 525-537.	5.4	18
159	A numerical study of effective mechanical behaviors of rock like materials based on Fast Fourier Transform. Mechanics of Materials, 2016, 92, 275-288.	3.3	9
160	Laboratory Investigations of the Hydro-Mechanicalâ€“Chemical Coupling Behaviour of Sandstone in CO2 Storage in Aquifers. Rock Mechanics and Rock Engineering, 2016, 49, 417-426.	5.3	24
161	Experimental investigation and constitutive modelling of creep-damage behaviours in monzogranite. European Journal of Environmental and Civil Engineering, 2015, 19, s54-s69.	2.0	9
162	Change in the permeability of clastic rock during multi-loading triaxial compressive creep tests. Geotechnique Letters, 2015, 5, 167-172.	1.3	20

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163	A self-consistent approach for micro-macro modeling of elastic-plastic deformation in polycrystalline geomaterials. International Journal for Numerical and Analytical Methods in Geomechanics, 2015, 39, 1735-1752.	3.4	6
164	Coverage of Journals from Mainland China in the Field of Emergency Medicine by Major International Biomedicine Databases. Hong Kong Journal of Emergency Medicine, 2015, 22, 41-45.	0.6	0
165	Modelling of hydro-mechanical coupling and transport in densely fractured rock mass. European Journal of Environmental and Civil Engineering, 2015, 19, 521-538.	2.0	8
166	Influence of time-dependence on failure of echelon rock joints through a novel DEM model. European Journal of Environmental and Civil Engineering, 2015, 19, s108-s118.	2.0	5
167	Experimental investigation of creep behavior of clastic rock in Xiangjiaba Hydropower Project. Water Science and Engineering, 2015, 8, 55-62.	3.4	40
168	Micromechanical modeling of the elasto-viscoplastic behavior of granite. Comptes Rendus - Mecanique, 2015, 343, 121-132.	0.8	4
169	Numerical Modeling of Failure Process in Cohesive Geomaterials. Springer Series in Geomechanics and Geoengineering, 2015, , 39-45.	0.0	0
170	A micro-macro model for time-dependent behavior of clayey rocks due to anisotropic propagation of microcracks. International Journal of Plasticity, 2015, 69, 73-88.	8.8	46
171	Experimental and Numerical Investigations on Strength and Deformation Behavior of Cataclastic Sandstone. Rock Mechanics and Rock Engineering, 2015, 48, 1083-1096.	5.3	31
172	A Numerical Analysis of Permeability Evolution in Rocks with Multiple Fractures. Transport in Porous Media, 2015, 108, 289-311.	2.6	37
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