

List of Publications by Year in
Descending Order

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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.

357 papers	7,655 citations	44 h-index	70 g-index
373 ext. papers	9,096 ext. citations	4.1 avg, IF	6.53 L-index

#	Paper	IF	Citations
357	Prediction of TBM cutterhead speed and penetration rate for high-efficiency excavation of hard rock tunnel using CNN-LSTM model with construction big data. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	1
356	A constitutive model for anisotropic clay-rich rocks considering micro-structural composition. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022 , 151, 105029	6	2
355	Numerical modelling the influence of water content on the mechanical behaviour of concrete under high confining pressures. <i>Mechanics Research Communications</i> , 2022 , 119, 103819	2.2	1
354	A bipotential-based macroscopic fatigue criterion of porous materials with a pressure-sensitive and non-associated plastic solid matrix and comparison with numerical simulation. <i>Mechanics of Materials</i> , 2022 , 165, 104161	3.3	0
353	Application of Continuum Damage Mechanics in Hydraulic Fracturing Simulations 2022 , 751-768		
352	Micromechanics-Based Models for Induced Damage in Rock-Like Materials 2022 , 725-749		
351	Numerical Analysis of Damage by Phase-Field Method 2022 , 701-724		0
350	A new incremental variational micro-mechanical model for porous rocks with a pressure-dependent and compression-tension asymmetric plastic solid matrix. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022 , 153, 105059	6	0
349	Contribution of atomistic study to better understand water saturation effect on mechanical behavior of clayey rocks in triaxial compression. <i>Computers and Geotechnics</i> , 2022 , 146, 104738	4.4	0
348	Numerical study of time-dependent deformation and cracking in brittle rocks with phase-field method and application to slope instability analysis. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022 , 155, 105144	6	0
347	Molecular dynamics study on creep behavior of montmorillonite. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 861, 042099	0.3	
346	Experimental investigations on the tensile behaviour of granite after heating and water-cooling treatment. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 5909-5920	4	1
345	A micro-mechanical constitutive model for heterogeneous rocks with non-associated plastic matrix as implicit standard materials. <i>Computers and Geotechnics</i> , 2021 , 133, 104026	4.4	2
344	Numerical study of shrinkage and heating induced cracking in concrete materials and influence of inclusion stiffness with Peridynamics method. <i>Computers and Geotechnics</i> , 2021 , 133, 103998	4.4	2
343	A variational-based homogenization model for plastic shakedown analysis of porous materials with a large range of porosity. <i>International Journal of Mechanical Sciences</i> , 2021 , 199, 106429	5.5	3
342	The Effect of Pre-heating Treatment and Water-Cement Ratio on the Shearing Behavior and Permeability of Granite-Cement Interface Samples. <i>Rock Mechanics and Rock Engineering</i> , 2021 , 54, 5639	5.7	0
341	Shear strength of interface between high-performance concrete and claystone in the context of a French radioactive waste repository project. <i>Geotechnique</i> , 2021 , 71, 534-547	3.4	2

340	Effect of water chemical corrosion on mechanical properties and failure modes of pre-fissured sandstone under uniaxial compression. <i>Acta Geotechnica</i> , 2021 , 16, 1083-1099	4.9	5
339	A Heuristic Elastoplastic Damage Constitutive Modeling Method for Geomaterials: From Strength Criterion to Analytical Full-Spectrum Stress-Strain Curves. <i>International Journal of Geomechanics</i> , 2021 , 21, 04020255	3.1	2
338	A phase-field modeling method for the mixed-mode fracture of brittle materials based on spectral decomposition. <i>Engineering Fracture Mechanics</i> , 2021 , 242, 107473	4.2	3
337	Modeling of damage and cracking in heterogeneous rock-like materials by phase-field method. <i>Mechanics Research Communications</i> , 2021 , 114, 103612	2.2	1
336	Numerical Analysis of Damage by Phase-Field Method 2021 , 1-24		
335	Strength Behaviour of a High-Performance Concrete Under Drying. <i>RILEM Bookseries</i> , 2021 , 155-164	0.5	
334	Experimental study of concrete creep under thermal-mechanical-hydric conditions. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021 , 54, 1	3.4	0
333	Insight of molecular simulation to better assess deformation and failure of clay-rich rocks in compression and extension. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021 , 138, 104589	6	3
332	A multi-scale model of plasticity and damage for rock-like materials with pores and inclusions. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021 , 138, 104579	6	3
331	Numerical study of thermo-hydro-mechanical responses of in situ heating test with phase-field model. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021 , 138, 104542	6	8
330	Modification of poroelastic properties in granite by heating-cooling treatment. <i>Acta Geotechnica</i> , 2021 , 16, 2165-2173	4.9	2
329	Influences of structural anisotropy and heterogeneity on three-dimensional strain fields and cracking patterns of a clay-rich rock. <i>Acta Geotechnica</i> , 2021 , 16, 2175-2187	4.9	2
328	Analysis of Local Creep Strain Field and Cracking Process in Claystone by X-Ray Micro-Tomography and Digital Volume Correlation. <i>Rock Mechanics and Rock Engineering</i> , 2021 , 54, 1937-1952	5.7	3
327	Experimental study of gas permeability evolution in tight sandstone with damage and cracking along various stress loading paths. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 7847	4	1
326	Numerical modeling of deformation and damage around underground excavation by phase-field method with hydromechanical coupling. <i>Computers and Geotechnics</i> , 2021 , 138, 104369	4.4	2
325	Friction-damage coupled models and macroscopic strength criteria for ice-saturated frozen silt with crack asperity variation by a micromechanical approach. <i>Engineering Geology</i> , 2021 , 106405	6	1
324	An improved hydromechanical model for particle flow simulation of fractures in fluid-saturated rocks. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021 , 147, 104870	6	3
323	A novel micromechanics-enhanced phase-field model for frictional damage and fracture of quasi-brittle geomaterials. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021 , 385, 114060	5.7	3

322	Estimation of constituent properties of concrete materials with an artificial neural network based method. <i>Cement and Concrete Research</i> , 2021 , 150, 106614	10.3	2
321	Investigation of Parameter Influence on Damage Evolution via PD-FEM Coupling Method. <i>Lecture Notes in Civil Engineering</i> , 2021 , 672-679	0.3	
320	A Semi-empirical Failure Criterion for Brittle Rocks. <i>Rock Mechanics and Rock Engineering</i> , 2020 , 53, 4271-4277	4.7	1
319	Foliation Effects on Mechanical and Failure Characteristics of Slate in 3D Space Under Brazilian Test Conditions. <i>Rock Mechanics and Rock Engineering</i> , 2020 , 53, 3919-3936	5.7	5
318	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. <i>Acta Geotechnica</i> , 2020 , 15, 3443-3460	4.9	5
317	A three-scale micro-mechanical model for elastic-plastic damage modeling of shale rocks. <i>Acta Geotechnica</i> , 2020 , 15, 3525-3543	4.9	2
316	A method to experimentally investigate injection-induced activation of fractures. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2020 , 12, 1326-1332	5.3	1
315	Experimental and numerical investigation of microstructure effect on the mechanical behavior and failure process of brittle rocks. <i>Computers and Geotechnics</i> , 2020 , 125, 103639	4.4	2
314	A novel FFT-based phase field model for damage and cracking behavior of heterogeneous materials. <i>International Journal of Plasticity</i> , 2020 , 133, 102786	7.6	22
313	An extended finite element solution for hydraulic fracturing with thermo-hydro-elastic-plastic coupling. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020 , 364, 112967	5.7	21
312	Deformation and mechanical properties of rock: effect of hydromechanical coupling under unloading conditions. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 5517-5534	4	3
311	A multiscale elastoplastic constitutive model for geomaterials with a porous matrix-inclusion microstructure. <i>Computers and Geotechnics</i> , 2020 , 126, 103683	4.4	2
310	An adaptive coupling method of state-based peridynamics theory and finite element method for modeling progressive failure process in cohesive materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020 , 370, 113248	5.7	8
309	Numerical homogenization of elastic properties and plastic yield stress of rock-like materials with voids and inclusions at same scale. <i>European Journal of Mechanics, A/Solids</i> , 2020 , 81, 103958	3.7	8
308	Shakedown analysis of a hollow sphere by interior-point method with non-linear optimization. <i>International Journal of Mechanical Sciences</i> , 2020 , 175, 105515	5.5	6
307	A micromechanics-based enhanced plastic damage model including localization analysis for heterogeneous geomaterials. <i>Computers and Geotechnics</i> , 2020 , 122, 103512	4.4	7
306	A homogenized macroscopic criterion for shakedown analysis of ductile porous media with kinematical hardening matrix. <i>European Journal of Mechanics, A/Solids</i> , 2020 , 82, 104015	3.7	6
305	Application of Continuum Damage Mechanics in Hydraulic Fracturing Simulations 2020 , 1-19		

304	Micromechanical modelling of short- and long-term behavior of saturated quasi-brittle rocks. <i>Mechanics of Materials</i> , 2020 , 142, 103298	3.3	2
303	A micromechanical-based elasto-viscoplastic model for the Callovo-Oxfordian argillite: Algorithms, validations, and applications. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020 , 44, 183-207	4	3
302	A new bond model in peridynamics theory for progressive failure in cohesive brittle materials. <i>Engineering Fracture Mechanics</i> , 2020 , 223, 106767	4.2	23
301	Digital Volume Correlation Applied to X-ray Micro-Tomography Images in Uniaxial Creep Tests on Anisotropic Clayey Rock. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4898	2.6	5
300	A microstructure-based constitutive model for cement paste with chemical leaching effect. <i>Mechanics of Materials</i> , 2020 , 150, 103571	3.3	5
299	Prediction of plastic yield surface for porous materials by a machine learning approach. <i>Materials Today Communications</i> , 2020 , 25, 101477	2.5	5
298	Modeling of hydraulic fracturing in viscoelastic formations with the fractional Maxwell model. <i>Computers and Geotechnics</i> , 2020 , 126, 103723	4.4	5
297	Influence of inclusion rigidity on shrinkage induced micro-cracking of cementitious materials. <i>Cement and Concrete Composites</i> , 2020 , 114, 103773	8.6	2
296	Plastic modeling of porous rocks in drained and undrained conditions. <i>Computers and Geotechnics</i> , 2020 , 117, 103277	4.4	3
295	Evaluation and improvement of macroscopic yield criteria of porous media having a Drucker-Prager matrix. <i>International Journal of Plasticity</i> , 2020 , 126, 102609	7.6	17
294	Incorporation of tension-compression asymmetry into plastic damage phase-field modeling of quasi brittle geomaterials. <i>International Journal of Plasticity</i> , 2020 , 124, 71-95	7.6	23
293	Influence of cooling rate on thermal degradation of physical and mechanical properties of granite. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020 , 129, 104285	6	15
292	A new experimental method for tensile property study of quartz sandstone under confining pressure. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2019 , 123, 104091	6	20
291	Study of deformation and failure in an anisotropic rock with a three-dimensional discrete element model. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2019 , 120, 17-28	6	13
290	A new discrete method for modeling hydraulic fracturing in cohesive porous materials. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 180, 257-267	4.4	16
289	Time-dependent behaviour of an oil-well cement paste subjected to leaching under temperature. <i>European Journal of Environmental and Civil Engineering</i> , 2019 , 1-15	1.5	
288	An upscaled model for elastoplastic behavior of the Callovo-Oxfordian argillite. <i>Computers and Geotechnics</i> , 2019 , 112, 81-92	4.4	2
287	Mechanical Behavior of Claystone in Lateral Decompression Test and Thermal Effect. <i>Rock Mechanics and Rock Engineering</i> , 2019 , 52, 321-334	5.7	16

286	Influence of pore pressure on plastic deformation and strength of limestone under compressive stress. <i>Acta Geotechnica</i> , 2019 , 14, 535-545	4.9	7
285	Bayesian model selection for sand with generalization ability evaluation. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019 , 43, 2305-2327	4	31
284	Homogenization of rock-like materials with plastic matrix based on an incremental variational principle. <i>International Journal of Plasticity</i> , 2019 , 123, 145-164	7.6	14
283	Risk factors for the development of avascular necrosis after femoral neck fractures in children: a review of 239 cases. <i>Bone and Joint Journal</i> , 2019 , 101-B, 1160-1167	5.6	9
282	Effect of plastic deformation on hydraulic fracturing with extended element method. <i>Acta Geotechnica</i> , 2019 , 14, 2083-2101	4.9	9
281	A single-objective EPR based model for creep index of soft clays considering L2 regularization. <i>Engineering Geology</i> , 2019 , 248, 242-255	6	38
280	Study of hydraulic fracturing in an anisotropic poroelastic medium via a hybrid EDFM-XFEM approach. <i>Computers and Geotechnics</i> , 2019 , 105, 51-68	4.4	52
279	Evolution of bulk compressibility and permeability of granite due to thermal cracking. <i>Geotechnique</i> , 2019 , 69, 906-916	3.4	4
278	Effects of confining pressure and loading path on deformation and strength of cohesive granular materials: a three-dimensional DEM analysis. <i>Acta Geotechnica</i> , 2019 , 14, 443-460	4.9	18
277	Effects of relative humidity and mineral compositions on creep deformation and failure of a claystone under compression. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018 , 103, 68-76	6	37
276	A Micromechanics-Based Elastoplastic Damage Model for Rocks with a BrittleDuctile Transition in Mechanical Response. <i>Rock Mechanics and Rock Engineering</i> , 2018 , 51, 1729-1737	5.7	15
275	Three-dimensional Reconstruction of Block Shape Irregularity and its Effects on Block Impacts Using an Energy-Based Approach. <i>Rock Mechanics and Rock Engineering</i> , 2018 , 51, 1173-1191	5.7	11
274	Effects of inclusions and pores on plastic and viscoplastic deformation of rock-like materials. <i>International Journal of Plasticity</i> , 2018 , 108, 107-124	7.6	22
273	Elastoplastic modelling the creep behaviour of cataclastic rock under multi-stage deviatoric stress. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, 650-665	1.5	2
272	A damage model of mechanical behavior of porous materials: Application to sandstone. <i>International Journal of Damage Mechanics</i> , 2018 , 27, 1325-1351	3	17
271	A micro-mechanics based plastic damage model for quasi-brittle materials under a large range of compressive stress. <i>International Journal of Plasticity</i> , 2018 , 100, 156-176	7.6	45
270	Numerical modeling of the elastoplastic damage behavior of dry and saturated concrete targets subjected to rigid projectile penetration. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018 , 42, 312-338	4	2
269	Numerical modelling of long-term stability of the rock joint. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, s415-s433	1.5	2

268	An approximate strength criterion of porous materials with a pressure sensitive and tension-compression asymmetry matrix. <i>International Journal of Engineering Science</i> , 2018 , 132, 1-15	5.7	12
267	Characterization of the mechanical properties of a claystone by nano-indentation and homogenization. <i>Acta Geotechnica</i> , 2018 , 13, 1395-1404	4.9	14
266	Influences of micro-pores and meso-pores on elastic and plastic properties of porous materials. <i>European Journal of Mechanics, A/Solids</i> , 2018 , 72, 407-423	3.7	21
265	Lateral Decompression Behaviors of a Hard Claystone in Excavation-Damaged Zone of Galleries. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018 , 1702-1706	0.1	
264	Laboratory Investigation on Physical and Mechanical Properties of Granite After Heating and Water-Cooling Treatment. <i>Rock Mechanics and Rock Engineering</i> , 2018 , 51, 677-694	5.7	109
263	Numerical study of hydraulic fracture propagation accounting for rock anisotropy. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 160, 422-432	4.4	51
262	Multi-step triaxial compressive creep behaviour and induced gas permeability change of clay-rich rock. <i>Geotechnique</i> , 2018 , 68, 281-289	3.4	20
261	Creep Strain and Permeability Evolution in Cracked Granite Subjected to Triaxial Stress and Reactive Flow. <i>Geofluids</i> , 2018 , 2018, 1-10	1.5	2
260	Nuclear Smad6 promotes gliomagenesis by negatively regulating PIAS3-mediated STAT3 inhibition. <i>Nature Communications</i> , 2018 , 9, 2504	17.4	30
259	Analysis of localized cracking in quasi-brittle materials with a micro-mechanics based friction-damage approach. <i>Journal of the Mechanics and Physics of Solids</i> , 2018 , 119, 163-187	5	20
258	Influences of chemical leaching on elastic and plastic properties of cement-based materials. <i>European Journal of Environmental and Civil Engineering</i> , 2017 , 21, 696-711	1.5	1
257	About the interest of using gas to evaluate permeability of damaged granite. <i>European Journal of Environmental and Civil Engineering</i> , 2017 , 21, 238-247	1.5	4
256	Some micromechanical models of elastoplastic behaviors of porous geomaterials. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017 , 9, 1-17	5.3	17
255	Macroscopic criteria for Green type porous materials with spheroidal voids: application to double porous materials. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2017 , 41, 1453-1473	4	5
254	A Micro-Mechanical Analysis of Induced Anisotropic Damage in Initially Anisotropic Materials. <i>Springer Series in Geomechanics and Geoengineering</i> , 2017 , 415-420	0.1	
253	A coupled elastoplastic and visco-plastic damage model for hard clay and its application for the underground gallery excavation. <i>Underground Space (China)</i> , 2017 , 2, 60-72	3.7	4
252	A micro-mechanics based viscoplastic model for clayey rocks. <i>Computers and Geotechnics</i> , 2017 , 89, 92-102	4.4	10
251	A numerical study of mechanical behavior of a cement paste under mechanical loading and chemical leaching. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2017 , 41, 1848-1869	4	4

250	A micro-mechanics-based elastic-plastic model for porous rocks: applications to sandstone and chalk. <i>Acta Geotechnica</i> , 2017 , 13, 329	4.9	2
249	Bridging meso- and microscopic anisotropic unilateral damage formulations for microcracked solids. <i>Comptes Rendus - Mecanique</i> , 2017 , 345, 281-292	2.1	4
248	Numerical study of excavation induced fractures using an extended rigid block spring method. <i>Computers and Geotechnics</i> , 2017 , 85, 368-383	4.4	23
247	Micromechanics of rock damage: Advances in the quasi-brittle field. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017 , 9, 29-40	5.3	28
246	Retraction Note to: Metabolic syndrome factors and risk of postoperative depression in high-grade glioma patients in a 1.5-year prospective study. <i>Medical Oncology</i> , 2017 , 34, 181	3.7	
245	Retraction Note to: Relationship between inflammatory cytokines and risk of depression, and effect of depression on the prognosis of high grade glioma patients. <i>Journal of Neuro-Oncology</i> , 2017 , 134, 475	4.8	0
244	Approximate macroscopic yield criteria for Drucker-Prager type solids with spheroidal voids. <i>International Journal of Plasticity</i> , 2017 , 99, 221-247	7.6	28
243	Experimental study and modeling of hydromechanical behavior of concrete fracture. <i>Water Science and Engineering</i> , 2017 , 10, 97-106	4	7
242	Stress-induced permeability evolutions and erosion damage of porous rocks 2017 , 63-92		1
241	Application of continuum damage mechanics in hydraulic fracturing simulations 2017 , 197-212		3
240	Multiscale modeling approaches and micromechanics of porous rocks 2017 , 215-232		1
239	Anisotropic poroplasticity in saturated porous media, effect of confining pressure, and elevated temperature 2017 , 27-46		1
238	Parametric study of thermo-hydro-mechanical response of claystone with consideration of steel corrosion. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017 , 9, 449-462	5.3	1
237	Triaxial Creep Induced Gas Permeability Change and Elastic Modulus Variation in Callovo-Oxfordian Argillite 2017 ,		1
236	Strength Behavior, Creep Failure and Permeability Change of a Tight Marble Under Triaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2017 , 50, 529-541	5.7	30
235	Water Saturation Induced Strength Degradation of Callovo-Oxfordian Claystone. <i>Springer Series in Geomechanics and Geoengineering</i> , 2017 , 11-17	0.1	3
234	Laboratory Investigations of the Hydro-Mechanical-Chemical Coupling Behaviour of Sandstone in CO ₂ Storage in Aquifers. <i>Rock Mechanics and Rock Engineering</i> , 2016 , 49, 417-426	5.7	17
233	Moisture effects on damage and failure of Bure claystone under compression. <i>Geotechnique Letters</i> , 2016 , 6, 182-186	1.7	18

232	Time-Dependent Behavior of Cataclastic Rocks in a Multi-Loading Triaxial Creep Test. <i>Rock Mechanics and Rock Engineering</i> , 2016 , 49, 3793-3803	5.7	30
231	A micromechanical model for porous materials with a reinforced matrix. <i>Mechanics Research Communications</i> , 2016 , 72, 81-86	2.2	3
230	Gas Permeability Evolution with Deformation and Cracking Process in a White Marble Under Compression. <i>Transport in Porous Media</i> , 2016 , 111, 441-455	3.1	19
229	Effects of Acid Solution on the Mechanical Behavior of Sandstone. <i>Journal of Materials in Civil Engineering</i> , 2016 , 28, 04015089	3	16
228	A unified micromechanics-based damage model for instantaneous and time-dependent behaviors of brittle rocks. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2016 , 84, 187-196	6	34
227	A discrete approach for modeling damage and failure in anisotropic cohesive brittle materials. <i>Engineering Fracture Mechanics</i> , 2016 , 155, 102-118	4.2	31
226	Numerical study of a concrete target under the penetration of rigid projectile using an elastoplastic damage model. <i>Engineering Structures</i> , 2016 , 111, 525-537	4.7	9
225	A numerical study of effective mechanical behaviors of rock like materials based on Fast Fourier Transform. <i>Mechanics of Materials</i> , 2016 , 92, 275-288	3.3	8
224	The 100 Top-Cited Articles Published in Emergency Medicine Journals: A Bibliometric Analysis. <i>Hong Kong Journal of Emergency Medicine</i> , 2016 , 23, 329-339	0.4	5
223	A micromechanics-based model for concrete materials subjected to carbonation. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016 , 40, 1203-1218	4	5
222	Gas permeability evolution mechanism during creep of a low permeable claystone. <i>Applied Clay Science</i> , 2016 , 129, 47-53	5.2	22
221	Analysis of 4931 renal biopsy data in central China from 1994 to 2014. <i>Renal Failure</i> , 2016 , 38, 1021-30	2.9	22
220	Curcumin induces G2/M arrest and triggers apoptosis via FoxO1 signaling in U87 human glioma cells. <i>Molecular Medicine Reports</i> , 2016 , 13, 3763-70	2.9	32
219	An incremental micro-macro model for porous geomaterials with double porosity and inclusion. <i>International Journal of Plasticity</i> , 2016 , 83, 37-54	7.6	37
218	An elastic-plastic model for porous rocks with two populations of voids. <i>Computers and Geotechnics</i> , 2016 , 76, 194-200	4.4	8
217	Damage and plastic friction in initially anisotropic quasi brittle materials. <i>International Journal of Plasticity</i> , 2016 , 82, 260-282	7.6	31
216	Analytical and numerical analysis of frictional damage in quasi brittle materials. <i>Journal of the Mechanics and Physics of Solids</i> , 2016 , 92, 137-163	5	49
215	Experimental Investigation on Mechanical Behavior and Permeability Evolution of a Porous Limestone Under Compression. <i>Rock Mechanics and Rock Engineering</i> , 2016 , 49, 3425-3435	5.7	29

214	Association between inflammatory cytokines and the risk of post-stroke depression, and the effect of depression on outcomes of patients with ischemic stroke in a 2-year prospective study. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 1591-1598	2.1	16
213	A numerical damage model for initially anisotropic materials. <i>International Journal of Solids and Structures</i> , 2016 , 100-101, 245-256	3.1	12
212	A micro-macro model for time-dependent behavior of clayey rocks due to anisotropic propagation of microcracks. <i>International Journal of Plasticity</i> , 2015 , 69, 73-88	7.6	32
211	Experimental and Numerical Investigations on Strength and Deformation Behavior of Cataclastic Sandstone. <i>Rock Mechanics and Rock Engineering</i> , 2015 , 48, 1083-1096	5.7	24
210	A Numerical Analysis of Permeability Evolution in Rocks with Multiple Fractures. <i>Transport in Porous Media</i> , 2015 , 108, 289-311	3.1	27
209	Far-lateral approach assisted by multimodal neuronavigation and electrophysiological monitoring technique for complex clival tumor. <i>British Journal of Neurosurgery</i> , 2015 , 29, 597-9	1	1
208	A micro-macro model for porous geomaterials with inclusion debonding. <i>International Journal of Damage Mechanics</i> , 2015 , 24, 1026-1046	3	11
207	Effects of deviatoric stress and structural anisotropy on compressive creep behavior of a clayey rock. <i>Applied Clay Science</i> , 2015 , 114, 491-496	5.2	48
206	Creep behaviour and permeability evolution of cataclastic sandstone in triaxial rheological tests. <i>European Journal of Environmental and Civil Engineering</i> , 2015 , 19, 496-519	1.5	21
205	A refined micromechanical damage-friction model with strength prediction for rock-like materials under compression. <i>International Journal of Solids and Structures</i> , 2015 , 60-61, 75-83	3.1	62
204	A micromechanics-based creep damage model for brittle rocks. <i>European Journal of Environmental and Civil Engineering</i> , 2015 , 19, s1-s14	1.5	10
203	Curcumin enhances the radiosensitivity of U87 cells by inducing DUSP-2 up-regulation. <i>Cellular Physiology and Biochemistry</i> , 2015 , 35, 1381-93	3.9	35
202	Relationship between inflammatory cytokines and risk of depression, and effect of depression on the prognosis of high grade glioma patients. <i>Journal of Neuro-Oncology</i> , 2015 , 124, 475-84	4.8	4
201	A micromechanical model for the elastic-plastic behavior of porous rocks. <i>Computers and Geotechnics</i> , 2015 , 70, 130-137	4.4	13
200	A micromechanical model of inherently anisotropic rocks. <i>Computers and Geotechnics</i> , 2015 , 65, 73-79	4.4	17
199	Numerical simulation of damage and failure in brittle rocks using a modified rigid block spring method. <i>Computers and Geotechnics</i> , 2015 , 64, 48-60	4.4	40
198	A micromechanical study of drying and carbonation effects in cement-based materials. <i>Continuum Mechanics and Thermodynamics</i> , 2015 , 27, 49-61	3.5	6
197	Numerical analysis of concrete under a wide range of stress and with different saturation condition. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015 , 48, 295-306	3.4	3

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