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List of Publications by Year in descending order

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186
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3,984
citations

126907

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214
all docs

214
docs citations

214
times ranked

2046
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed Class I/Class II post-peak curves of mortar models of rock samples. Theoretical and Applied Fracture Mechanics, 2022, 117, 103178.	4.7	6
2	Fracture mechanics of spallation. Engineering Fracture Mechanics, 2022, 260, 108186.	4.3	7
3	Fracturing of shales with slots under uniaxial compression parallel to bedding layers. Journal of Petroleum Science and Engineering, 2022, 211, 110163.	4.2	4
4	An Experimental Analysis of Microcrack Generation during Hydraulic Fracturing of Shale. Coatings, 2022, 12, 483.	2.6	2
5	Crack interaction and fracturing of geomaterials with multiscale cracks. International Journal of Rock Mechanics and Minings Sciences, 2022, 153, 105084.	5.8	5
6	Possible mechanism of spallation in rock samples under uniaxial compression. Engineering Fracture Mechanics, 2022, 269, 108577.	4.3	7
7	Subsidence, Uplift and Shift Due to Fluid Extraction and Production in a Finite Reservoir. , 2021, , .		1
8	Accumulation and Localization of Interacting Uni-directional Microcracks. , 2021, , 295-302.		0
9	Negative Stiffness, Incompressibility, and Strain Localisation in Particulate Materials. Applied Sciences (Switzerland), 2021, 11, 8751.	2.5	2
10	Sources of variability in laboratory rock test results. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 985-1001.	8.1	10
11	Effect of crack interaction and friction on the dynamic strength of rock-like materials with many cracks. Engineering Fracture Mechanics, 2021, 257, 108006.	4.3	4
12	A possible mechanism of failure in dynamic uniaxial compression and the size effect. Engineering Fracture Mechanics, 2021, 257, 108005.	4.3	8
13	Review of unloading tests of dynamic rock failure in compression. Engineering Fracture Mechanics, 2020, 225, 106289.	4.3	24
14	Development of non-smooth fracture surface by cracks propagating in heterogeneous and particulate materials. Engineering Fracture Mechanics, 2020, 225, 106450.	4.3	3
15	Bridges outside fracture process zone: Their existence and effect. Engineering Fracture Mechanics, 2020, 225, 106453.	4.3	16
16	Experimental and Numerical Study into 3D Crack Growth from a Spherical Pore in Biaxial Compression. Rock Mechanics and Rock Engineering, 2020, 53, 77-102.	5.4	36
17	Shifted impact oscillator: Tuned multiple resonances and step load. International Journal of Engineering Science, 2020, 147, 103203.	5.0	8
18	Strength and Damage Response of Sandstone and Granodiorite under Different Loading Conditions of Multistage Uniaxial Cyclic Compression. International Journal of Geomechanics, 2020, 20, .	2.7	37

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19	Classes of sustained microfracturing produced after formation of hydraulic fractures. International Journal of Rock Mechanics and Minings Sciences, 2020, 130, 104318.	5.8	0
20	Oscillations in sliding with dry friction. Friction reduction by imposing synchronised normal load oscillations. International Journal of Engineering Science, 2020, 154, 103313.	5.0	10
21	3D Crack Growth in Biaxial Compression: Influence of Shape and Inclination of Initial Cracks. Rock Mechanics and Rock Engineering, 2020, 53, 3161-3183.	5.4	24
22	Fracture mechanics approach to the problem of subsidence induced by resource extraction. Engineering Fracture Mechanics, 2020, 236, 107173.	4.3	8
23	Discrete self-similarity of multiscale materials and systems. Universality of scaling exponents. International Journal of Engineering Science, 2020, 149, 103244.	5.0	4
24	A coupled time integration algorithm for discontinuous deformation analysis using the numerical manifold method. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 1145-1169.	3.3	1
25	Fatigue damage response of typical crystalline and granular rocks to uniaxial cyclic compression. International Journal of Fatigue, 2020, 138, 105667.	5.7	36
26	A 2-d model of skin rock burst and its application to rock burst monitoring. , 2020, , 133-141.		2
27	Skin Rockbursts and Microseismicity in Underground Mining. , 2020, , .		1
28	Towards integrated modeling of deformations, time-lapse seismic changes, and failure stresses caused by massive underground fluid operations. , 2020, , .		0
29	Comparative analysis of mechanisms of 3-D brittle crack growth in compression. Engineering Fracture Mechanics, 2019, 220, 106656.	4.3	34
30	Architected Materials with Inclusions Having Negative Poisson's Ratio or Negative Stiffness. Springer Series in Materials Science, 2019, , 51-87.	0.6	10
31	Topological Interlocking Materials. Springer Series in Materials Science, 2019, , 23-49.	0.6	14
32	Residual Strain Mechanism of Aftershocks and Exponents of the Modified Omori's Law. Journal of Geophysical Research: Solid Earth, 2019, 124, 175-194.	3.4	4
33	Negative Stiffness Produced by Rotation of Non-spherical Particles and Its Effect on Frictional Sliding. Physica Status Solidi (B): Basic Research, 2019, 256, 1800003.	1.5	9
34	Effective properties of layered auxetic hybrids. Composite Structures, 2019, 209, 391-400.	5.8	13
35	Rotational waves in layered solids with many sliding layers. International Journal of Engineering Science, 2018, 125, 40-50.	5.0	6
36	Discontinuous Digital Image Correlation to reconstruct displacement and strain fields with discontinuities: Dislocation approach. Engineering Fracture Mechanics, 2018, 189, 273-292.	4.3	23

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37	Cracks in heterogeneous materials with rotating constituents – Small and Intermediate scale Cosserat continua. Engineering Fracture Mechanics, 2018, 187, 302-315.	4.3	2
38	Effect of the intermediate principal stress on 3-D crack growth. Engineering Fracture Mechanics, 2018, 204, 404-420.	4.3	41
39	Computational monitoring in real time: review of methods and applications. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2018, 4, 235-271.	2.9	16
40	Catastrophic sliding over a fault caused by accumulation of dilation zones. , 2018, , 69-74.		1
41	Mode I crack in particulate materials with rotational degrees of freedom. Engineering Fracture Mechanics, 2017, 172, 181-195.	4.3	4
42	Extracting shear and normal compliances of crack-like defects from pressure dependences of elastic-wave velocities. International Journal of Rock Mechanics and Minings Sciences, 2017, 97, 122-133.	5.8	15
43	Behavior of Extreme Auxetic and Incompressible Elastic Materials. Physica Status Solidi (B): Basic Research, 2017, 254, 1600851.	1.5	9
44	Digital image correlation to analyze nonlinear elastic behavior of materials. , 2017, , .		1
45	Continuum model of wave propagation in fragmented media: linear damping approximation. Nonlinear Processes in Geophysics, 2017, 24, 461-466.	1.3	1
46	Extracting real-crack properties from non-linear elastic behaviour of rocks: abundance of cracks with dominating normal compliance and rocks with negative Poisson ratios. Nonlinear Processes in Geophysics, 2017, 24, 543-551.	1.3	20
47	Analysis of wave propagation in a discrete chain of bilinear oscillators. Nonlinear Processes in Geophysics, 2017, 24, 455-460.	1.3	6
48	Generation and propagation of stick-slip waves over a fault with rate-independent friction. Nonlinear Processes in Geophysics, 2017, 24, 343-349.	1.3	5
49	Instability of Geomaterials Caused by Transitional Negative Stiffness. Springer Series in Geomechanics and Geoengineering, 2017, , 599-604.	0.1	2
50	The Effect of Constriction in Hydraulic Fracturing. Springer Series in Geomechanics and Geoengineering, 2017, , 613-619.	0.1	3
51	The use of soft computing methods for the prediction of rock properties based on measurement while drilling data. , 2017, , .		12
52	Opening of Mode I Fractures in Geomaterials with Rotating Particles: Small-Scale Cosserat Continuum Approach and Its Verification. Springer Series in Geomechanics and Geoengineering, 2017, , 547-555.	0.1	1
53	Intermediate scales in granular matter. , 2017, , 157-160.		5
54	Deformation analysis of reinforced core auxetic assemblies by close-range photogrammetry. Physica Status Solidi (B): Basic Research, 2016, 253, 1342-1358.	1.5	11

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55	Stability of 2D discrete mass-spring systems with negative stiffness springs. Physica Status Solidi (B): Basic Research, 2016, 253, 1395-1409.	1.5	7
56	Characteristics of Color Digital Image Correlation for Deformation Measurement in Geomechanical Structures. , 2016, , .		4
57	Digital Image Correlation with Dynamic Subset Selection. Optics and Lasers in Engineering, 2016, 84, 1-9.	3.8	30
58	Stability of chains of oscillators with negative stiffness normal, shear and rotational springs. International Journal of Engineering Science, 2016, 108, 16-33.	5.0	10
59	A comparative study of techniques of distant reconstruction of displacement and strain fields using the DISTRESS simulator. Optik, 2016, 127, 11288-11305.	2.9	11
60	Asymptotic analysis of bilinear oscillators with preload. International Journal of Engineering Science, 2016, 106, 125-141.	5.0	18
61	Wave propagation in materials with negative Cosserat shear modulus. International Journal of Engineering Science, 2016, 100, 152-161.	5.0	11
62	Thermal stresses in hybrid materials with auxetic inclusions. Composite Structures, 2016, 138, 313-321.	5.8	27
63	Effects of Fracture Intersections on Seismic Dispersion - Theoretical Predictions Versus Numerical Simulations. , 2016, , .		1
64	Influence of salinity and suction on slope stability in transported material. , 2016, , .		0
65	Digital image correlation for small strain measurement in deformable solids and geomechanical structures. , 2015, , .		6
66	Extending Digital Image Correlation to Reconstruct Displacement and Strain Fields around Discontinuities in Geomechanical Structures under Deformation. , 2015, , .		10
67	Internally architected materials with directionally asymmetric friction. Scientific Reports, 2015, 5, 10732.	3.3	19
68	Towards affordable and robust remote photogrammetric sensing for early warning of fracturing and structural failure. , 2015, , .		4
69	Stick-Slip Motion and the Associated Frictional Instability Caused by Vertical Oscillations. Springer Series in Geomechanics and Geoengineering, 2015, , 135-141.	0.1	1
70	Hybrid materials with negative Poisson's ratio inclusions. International Journal of Engineering Science, 2015, 89, 100-120.	5.0	36
71	Rotations and pattern formation in granular materials under loading. Philosophical Magazine, 2015, 95, 3122-3145.	1.6	13
72	The rock stress memory unrecoverable by the Kaiser effect method. International Journal of Rock Mechanics and Minings Sciences, 2015, 75, 190-195.	5.8	20

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73	Sustained acoustic emissions following tensile crack propagation in a crystalline rock. International Journal of Fracture, 2015, 193, 87-98.	2.2	37
74	Deep geothermal: The “Moon Landing” mission in the unconventional energy and minerals space. Journal of Earth Science (Wuhan, China), 2015, 26, 2-10.	3.2	13
75	Influence of drilling mud rheology on the reduction of vertical vibrations in deep rotary drilling. Journal of Petroleum Science and Engineering, 2015, 135, 375-383.	4.2	34
76	Multiscale rotational mechanism of fracture propagation in geomaterials. Philosophical Magazine, 2015, 95, 3167-3191.	1.6	5
77	Asymptotic analysis of fracture propagation in materials with rotating particles. Engineering Fracture Mechanics, 2015, 150, 1-18.	4.3	15
78	Slope Failure in a Foliated Rock Mass with Non-Uniform Joint Spacing: a Comparison Between Numerical and Centrifuge Model Results. Rock Mechanics and Rock Engineering, 2015, 48, 403-407.	5.4	14
79	Negative Poisson’s ratio in hollow sphere materials. International Journal of Solids and Structures, 2015, 54, 192-214.	2.7	39
80	The influence of multiple frequency perturbations on particle chaotization in a cell. Communications in Nonlinear Science and Numerical Simulation, 2015, 23, 28-38.	3.3	0
81	The Effect of Rotational Degrees of Freedom on the Formation of Deformation Patterns in Granular Materials Using Digital Image Correlation. Springer Series in Geomechanics and Geoengineering, 2015, , 127-133.	0.1	2
82	Energy Criterion of In-plane Fracture Propagation in Geomaterials with Rotating Particles. Springer Series in Geomechanics and Geoengineering, 2015, , 149-154.	0.1	1
83	Dynamic Instability in Geomaterials Associated with the Presence of Negative Stiffness Elements. Springer Series in Geomechanics and Geoengineering, 2015, , 155-160.	0.1	4
84	Ghost Kaiser effect at low stress. International Journal of Rock Mechanics and Minings Sciences, 2014, 68, 15-21.	5.8	10
85	Chains of oscillators with negative stiffness elements. Journal of Sound and Vibration, 2014, 333, 6676-6687.	3.9	30
86	The increase in Young’s modulus of rocks under uniaxial compression. International Journal of Rock Mechanics and Minings Sciences, 2014, 70, 425-434.	5.8	18
87	On a possibility of reconstruction of Cosserat moduli in particulate materials using long waves. Acta Mechanica, 2014, 225, 2409-2422.	2.1	15
88	Bifurcation in rolling of non-spherical grains and fluctuations in macroscopic friction. Acta Mechanica, 2014, 225, 2217-2226.	2.1	7
89	Structure of resonances and formation of stationary points in symmetrical chains of bilinear oscillators. Journal of Sound and Vibration, 2014, 333, 6590-6606.	3.9	15
90	Estimation of in situ stress using the memory technique for deep mining. , 2014, , .		0

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91	Physical Modelling of Stress-dependent Permeability in Fractured Rocks. Rock Mechanics and Rock Engineering, 2013, 46, 67-81.	5.4	41
92	The influence of sample bending on deformation rate analysis stress reconstruction. International Journal of Rock Mechanics and Minings Sciences, 2013, 64, 90-95.	5.8	3
93	Vertical vibrations in rotary drilling systems. Australian Journal of Multi-Disciplinary Engineering, 2013, 10, .	0.8	3
94	In situ fragmentation and rock particle sorting on arid hills. Journal of Geophysical Research F: Earth Surface, 2013, 118, 17-28.	2.8	9
95	Vertical Vibrations in Rotary Drilling Systems. Australian Journal of Multi-Disciplinary Engineering, 2013, 10, 198-208.	0.8	5
96	Topological Interlocking as a Design Principle for Hybrid Materials. , 2013, , 1525-1534.		2
97	Frequency signatures of damage localisation. Philosophical Magazine, 2012, 92, 3665-3679.	1.6	3
98	Mechanical effect of rotating non-spherical particles on failure in compression. Philosophical Magazine, 2012, 92, 3451-3473.	1.6	27
99	Elastic composite with negative stiffness inclusions in antiplane strain. International Journal of Engineering Science, 2012, 58, 45-56.	5.0	37
100	Mortarless structures based on topological interlocking. Frontiers of Structural and Civil Engineering, 2012, 6, 188.	2.9	35
101	Materials and structures with macroscopic negative Poisson's ratio. International Journal of Engineering Science, 2012, 52, 103-114.	5.0	71
102	The mechanism of the deformation memory effect and the deformation rate analysis in layered rock in the low stress region. Computers and Geotechnics, 2012, 44, 83-92.	4.7	12
103	Planar isotropic structures with negative Poisson's ratio. International Journal of Solids and Structures, 2012, 49, 2239-2253.	2.7	40
104	Periodic motions and resonances of impact oscillators. Journal of Sound and Vibration, 2012, 331, 2856-2873.	3.9	33
105	Rotational Degrees of Freedom in Modeling Materials with Intrinsic Length Scale. Lecture Notes in Applied and Computational Mechanics, 2011, , 47-67.	2.2	1
106	Topological interlocking as a material design concept. Materials Science and Engineering C, 2011, 31, 1189-1194.	7.3	102
107	Friction and Localization Associated with Non-spherical Particles. Springer Series in Geomechanics and Geoengineering, 2011, , 53-58.	0.1	8
108	Smart proppant concept for monitoring hydraulic fractures. APPEA Journal, 2011, 51, 527.	0.2	3

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109	Measuring of Cosserat Effects and Reconstruction of Moduli Using Dispersive Waves. Advances in Mechanics and Mathematics, 2010, , 71-78.	0.7	6
110	Cracks in Cosserat Continuum Macroscopic Modeling. Advances in Mechanics and Mathematics, 2010, , 37-45.	0.7	0
111	Topological Interlocking in Design of Structures and Materials. Materials Research Society Symposia Proceedings, 2009, 1188, 112.	0.1	7
112	Orthogonal crack approaching an interface. Engineering Fracture Mechanics, 2009, 76, 2476-2485.	4.3	22
113	Microstructure-induced giant elastic nonlinearity of threshold origin: Mechanism and experimental demonstration. Europhysics Letters, 2009, 86, 44005.	2.0	8
114	Scaling of Effective Moduli of Generalised Continua. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2009, , 189-198.	0.2	0
115	Parallel Fault Systems with Evolving Self-similar Sliding Zones. Pure and Applied Geophysics, 2008, 165, 545-565.	1.9	3
116	Mesh scalability in direct finite element simulation of brittle fracture. Engineering Fracture Mechanics, 2008, 75, 4066-4084.	4.3	3
117	Point loading of assemblies of interlocked cube-shaped elements. International Journal of Engineering Science, 2008, 46, 1228-1238.	5.0	56
118	Rotational Mechanism of In-Plane Shear Crack Growth in Rocks Under Compression. , 2008, , .		3
119	On the Determination of Rock Anisotropy for Stress Measurements. , 2008, , .		1
120	Mesh Scalability Concept for Explicit Simulation of Rock Failure. , 2008, , .		0
121	Parallel Fault Systems with Evolving Self-similar Sliding Zones. , 2008, , 545-565.		0
122	Self-similar pattern formation and continuous mechanics of self-similar systems. Hydrology and Earth System Sciences, 2007, 11, 665-676.	4.9	9
123	Percolation mechanism of failure of a planar assembly of interlocked osteomorphic elements. Engineering Fracture Mechanics, 2007, 74, 1222-1232.	4.3	39
124	Modelling of Progressive and Instantaneous Failures of Foliated Rock Slopes. Rock Mechanics and Rock Engineering, 2007, 40, 349-362.	5.4	129
125	Shear Zone Formation in 2D Random Granular Specimens within Enhanced Hypoplasticity. , 2007, , 301-317.		0
126	Finite deformation model of simple shear of fault with microrotations: apparent strain localisation and en-echelon fracture pattern. Philosophical Magazine, 2006, 86, 3339-3371.	1.6	10

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127	Cracks of higher modes in Cosserat continua. International Journal of Fracture, 2006, 140, 189-199.	2.2	17
128	Deformations in Transform Faults with Rotating Crustal Blocks. Pure and Applied Geophysics, 2006, 163, 2011-2030.	1.9	11
129	Multifractal properties of self-similar stress distributions. Philosophical Magazine, 2006, 86, 3117-3136.	1.6	5
130	Deformations in Transform Faults with Rotating Crustal Blocks. , 2006, , 2011-2030.		0
131	The principle of topological interlocking in extraterrestrial construction. Acta Astronautica, 2005, 57, 10-21.	3.2	47
132	Effective characteristics and stress concentrations in materials with self-similar microstructure. International Journal of Solids and Structures, 2005, 42, 477-502.	2.7	29
133	The Phenomenon of Anomalous Rock Embrittlement. , 2005, , .		7
134	Mining-Induced Seismicity Associated with Self-Similar Propagation of Sliding Zones. , 2005, , .		2
135	Negative stiffness of a layer with topologically interlocked elements. Scripta Materialia, 2004, 50, 291-294.	5.2	65
136	Random trajectories of crack growth caused by spatial stress fluctuations. International Journal of Fracture, 2004, 128, 95-103.	2.2	9
137	Continuum Fractal Mechanics of the Earth's Crust. Pure and Applied Geophysics, 2004, 161, 1979.	1.9	14
138	On the Possibility of Elastic Strain Localisation in a Fault. Pure and Applied Geophysics, 2004, 161, 2309.	1.9	22
139	Fracture Resistant Structures Based on Topological Interlocking with Non-planar Contacts. Advanced Engineering Materials, 2003, 5, 116-119.	3.5	80
140	Interlocking properties of buckyballs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 319, 373-378.	2.1	13
141	Influence of shape and locations of initial 3-D cracks on their growth in uniaxial compression. Engineering Fracture Mechanics, 2003, 70, 2115-2136.	4.3	228
142	A new principle in design of composite materials: reinforcement by interlocked elements. Composites Science and Technology, 2003, 63, 483-491.	7.8	51
143	Topological interlocking of platonic solids: A way to new materials and structures. Philosophical Magazine Letters, 2003, 83, 197-203.	1.2	80
144	Topological interlocking of protective tiles for the space shuttle. Philosophical Magazine Letters, 2003, 83, 351-355.	1.2	26

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145	Mechanisms of thermal fracturing and spallation in cementitious materials. Australian Journal of Mechanical Engineering, 2003, 1, 1-4.	2.1	5
146	Apparent Strain Localization and Shear Wave Dispersion in Elastic Fault Gouge with Microrotations. Lecture Notes in Computer Science, 2003, , 873-882.	1.3	2
147	Materials with Novel Architectonics: Assemblies of Interlocked Elements. Solid Mechanics and Its Applications, 2002, , 51-55.	0.2	6
148	Self-similar crack patterns induced by spatial stress fluctuations. Fatigue and Fracture of Engineering Materials and Structures, 2002, 25, 187-200.	3.4	14
149	Crack growth under biaxial compression. Engineering Fracture Mechanics, 2002, 69, 2187-2198.	4.3	145
150	Fractures and Defects in Cosserat Continua Modelling Layered Materials. Solid Mechanics and Its Applications, 2002, , 127-131.	0.2	4
151	A NEW CLASS OF COMPOSITE MATERIALS BASED ON TOPOLOGICAL INTERLOCKING. , 2002, , .		1
152	Mechanics of Fractal Materials. Solid Mechanics and Its Applications, 2002, , 73-82.	0.2	3
153	A MECHANISM OF THERMAL FRACTURING OF CEMENTICIOUS MATERIALS. , 2002, , .		0
154	A numerical study of flexural buckling of foliated rock slopes. International Journal for Numerical and Analytical Methods in Geomechanics, 2001, 25, 871-884.	3.3	20
155	Toughening by Fragmentation—How Topology Helps. Advanced Engineering Materials, 2001, 3, 885.	3.5	87
156	Formation and Modelling of Self-Similar Crack Distributions. International Journal of Fracture, 2001, 112, 41-46.	2.2	7
157	Experimental Study of Self-Similar Crack Distributions. International Journal of Fracture, 2001, 112, 47-52.	2.2	3
158	Solutions for dilating shear cracks in elastic plane. International Journal of Fracture, 2001, 109, 325-344.	2.2	5
159	Size effect in tensile strength caused by stress fluctuations. International Journal of Fracture, 2001, 108, 43-61.	2.2	11
160	A new concept in design of materials and structures: assemblies of interlocked tetrahedron-shaped elements. Scripta Materialia, 2001, 44, 2689-2694.	5.2	79
161	Asymptotic analysis of crack interaction with free boundary. International Journal of Solids and Structures, 2000, 37, 857-886.	2.7	44
162	Fracture mechanisms and instability of openings in compression. International Journal of Rock Mechanics and Minings Sciences, 2000, 37, 263-284.	5.8	144

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163	Fracture mechanism of pre-split blasting. , 2000, , 235-240.		0
164	A 3-D model of wing crack growth and interaction. Engineering Fracture Mechanics, 1999, 63, 81-110.	4.3	77
165	On the role of stress fluctuations in brittle fracture. International Journal of Fracture, 1999, 100, 29-53.	2.2	37
166	Modelling the large deformations in stratified mediaâ€”the Cosserat continuum approach. International Journal for Numerical and Analytical Methods in Geomechanics, 1999, 4, 195-213.	0.8	20
167	Crack Development in Spatially Random Stress Fields Generated by Point Defects. Fracture in Compression. , 1999, , 63-74.		0
168	A continuum model of layered rock masses with non-associative joint plasticity. , 1998, 22, 245-261.		45
169	Title is missing!. International Journal of Fracture, 1997, 83, 191-206.	2.2	63
170	A study of the mechanism of flexural toppling failure of rock slopes. Rock Mechanics and Rock Engineering, 1997, 30, 75-93.	5.4	186
171	Modelling the deformation of underground excavations in layered rock masses. International Journal of Rock Mechanics and Minings Sciences, 1997, 34, 5.e1-5.e12.	5.8	10
172	A Cosserat continuum model for layered materials. Computers and Geotechnics, 1997, 20, 15-45.	4.7	83
173	Numerical modelling of the flexural deformation of foliated rock slopes. International Journal of Rock Mechanics and Mining Sciences, 1996, 33, 595-606.	0.0	55
174	On modelling of defect interaction. International Journal of Fracture, 1995, 71, R79-R83.	2.2	2
175	Experiments on 3-D crack growth in uniaxial compression. International Journal of Fracture, 1994, 65, R77-R83.	2.2	90
176	On the possibility of bifurcation in linear periodic arrays of 2-D cracks. International Journal of Fracture, 1994, 67, R31-R36.	2.2	5
177	Virial expansions in problems of effective characteristics. 2. Antiplanar deformation of a fiber composite. analysis of self-consistent methods. Mechanics of Composite Materials, 1994, 30, 234-243.	1.4	12
178	Virial expansions in problems of effective characteristics. 1. General concepts. Mechanics of Composite Materials, 1994, 30, 157-167.	1.4	9
179	Mechanisms of brittle fracture of rock with pre-existing cracks in compression. Pure and Applied Geophysics, 1994, 143, 117-149.	1.9	191
180	A model for borehole breakouts in brittle rocks. , 1994, , .		4

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181	A model of crack growth in microcracked rock. International Journal of Rock Mechanics and Mining Sciences, 1993, 30, 813-820.	0.0	26
182	Asymptotic solution for long cracks emanated from a pore in compression. International Journal of Fracture, 1993, 62, 307-324.	2.2	15
183	An investigation into the stress-field singularity at the mouth of a surface-breaking crack. International Journal of Solids and Structures, 1992, 29, 271-277.	2.7	3
184	A model of destruction of brittle rock with a system of oriented cracks under pressure. Soviet Mining Science, 1985, 21, 136-139.	0.0	1
185	Large-Scale Deformation Patterning in Geomaterials Associated with Grain Rotation. Advanced Materials Research, 0, 891-892, 872-877.	0.3	2
186	The Cyclic Loading as a Result of the Stick-Slip Motion. Advanced Materials Research, 0, 891-892, 878-883.	0.3	2