

Jianguo Wang

List of Publications by Year in descending order

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156
papers

6,163
citations

81839

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157
all docs

157
docs citations

157
times ranked

3594
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability analysis for compressed air energy storage cavern with initial excavation damage zone in an abandoned mining tunnel. <i>Journal of Energy Storage</i> , 2022, 45, 103725.	3.9	17
2	A lattice Boltzmann simulation on the gas flow in fractal organic matter of shale gas reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2022, 210, 110048.	2.1	10
3	The influence of closed pores and stacked coal grains on gas transport in CO ₂ injection enhanced CH ₄ recovery process. <i>Journal of Petroleum Science and Engineering</i> , 2022, 212, 110303.	2.1	12
4	Improved mathematical model of apparent permeability: A focused study on free and multilayer adsorptive phase flow. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 101, 104508.	2.1	9
5	A numerical investigation for the impacts of shale matrix heterogeneity on hydraulic fracturing with a two-dimensional particle assemblage simulation model. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 104, 104678.	2.1	9
6	Gas production analysis for hydrate sediment with compound morphology by a new dynamic permeability model. <i>Applied Energy</i> , 2022, 322, 119434.	5.1	13
7	Mechanical behavior, mesoscopic properties and energy evolution of deeply buried marble during triaxial loading. <i>International Journal of Damage Mechanics</i> , 2022, 31, 1592-1612.	2.4	11
8	The alterations of critical pore water pressure and micro-cracking morphology with near-wellbore fractures in hydraulic fracturing of shale reservoirs. <i>Engineering Fracture Mechanics</i> , 2021, 242, 107481.	2.0	15
9	Time-dependent coal permeability: Impact of gas transport from coal cleats to matrices. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 88, 103806.	2.1	33
10	Permeability and thermal conductivity models of shale matrix with a bundle of tortuous fractal tree-like branching micropore networks. <i>International Journal of Thermal Sciences</i> , 2021, 164, 106876.	2.6	19
11	Experimental and theoretical study on the propagation characteristics of stress wave in filled jointed rock mass. <i>PLoS ONE</i> , 2021, 16, e0253392.	1.1	4
12	Comparative study on heat extraction performance of geothermal reservoirs with presupposed shapes and permeability heterogeneity in the stimulated reservoir volume. <i>Journal of Petroleum Science and Engineering</i> , 2021, 206, 109023.	2.1	15
13	Effect of heterogeneity and injection borehole location on hydraulic fracture initiation and propagation in shale gas reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 96, 104311.	2.1	11
14	Peridynamic simulation on hydraulic fracture propagation in shale formation. <i>Engineering Fracture Mechanics</i> , 2021, 258, 108095.	2.0	10
15	Fractal microstructure effects on effective gas diffusivity of a nanoporous medium based on pore-scale numerical simulations with lattice Boltzmann method. <i>Physical Review E</i> , 2021, 104, 065304.	0.8	4
16	A coupled thermo-hydro-mechanical model for evaluating air leakage from an unlined compressed air energy storage cavern. <i>Renewable Energy</i> , 2020, 146, 907-920.	4.3	32
17	Permeability evolution and crack characteristics in granite under treatment at high temperature. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 134, 104461.	2.6	35
18	A Thermo-Hydro-Mechanical Coupling Analysis for the Contaminant Transport in a Bentonite Barrier with Variable Saturation. <i>Water (Switzerland)</i> , 2020, 12, 3114.	1.2	7

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19	The Impacts of Bedding Strength Parameters on the Micro-Cracking Morphology in Laminated Shale under Uniaxial Compression. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5496.	1.3	6
20	An Estimation Approach for the Effective Elastic Modulus of Lightweight Bulk Filling Material with Compressible Inclusions and Imperfect Interfaces. <i>Materials</i> , 2020, 13, 3563.	1.3	3
21	A Thermal-Hydraulic-Mechanical Coupling Study of Heat Extraction from the Geothermal Reservoir with a Discrete Fracture Network. <i>Geofluids</i> , 2020, 2020, 1-18.	0.3	1
22	Multi-Scale Insights on the Threshold Pressure Gradient in Low-Permeability Porous Media. <i>Symmetry</i> , 2020, 12, 364.	1.1	4
23	A new triple-porosity multiscale fractal model for gas transport in fractured shale gas reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 78, 103335.	2.1	16
24	A COUPLING ANALYSIS FOR HEAT TRANSFER AND WATER FLOW IN A FRACTAL ROUGH FRACTURE OF GEOTHERMAL RESERVOIRS. <i>Fractals</i> , 2020, 28, 2050100.	1.8	5
25	Numerical simulation of permeability evolution in granite after thermal treatment. <i>Computers and Geotechnics</i> , 2020, 126, 103705.	2.3	15
26	An Improved Relative Permeability Model for Gas-Water Displacement in Fractal Porous Media. <i>Water (Switzerland)</i> , 2020, 12, 27.	1.2	3
27	Numerical performances of invariable and moving boundary methods during fluid penetration into anisotropic porous media. <i>Computers and Geotechnics</i> , 2020, 121, 103458.	2.3	2
28	A Fractal Discrete Fracture Network Based Model for Gas Production from Fractured Shale Reservoirs. <i>Energies</i> , 2020, 13, 1857.	1.6	11
29	Numerical Simulations on the Front Motion of Water Permeation into Anisotropic Porous Media. <i>Geofluids</i> , 2019, 2019, 1-13.	0.3	2
30	A three-parameter permeability model for the cracking process of fractured rocks under temperature change and external loading. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2019, 123, 104106.	2.6	44
31	EVOLUTION OF FRACTAL DIMENSIONS AND GAS TRANSPORT MODELS DURING THE GAS RECOVERY PROCESS FROM A FRACTURED SHALE RESERVOIR. <i>Fractals</i> , 2019, 27, 1950129.	1.8	17
32	Physical and Mechanical Properties of a Bulk Lightweight Concrete with Expanded Polystyrene (EPS) Beads and Soft Marine Clay. <i>Materials</i> , 2019, 12, 1662.	1.3	19
33	Interaction of shale gas recovery and moisture transport in post two-phase flowback stage. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 68, 102897.	2.1	14
34	Iterative Analytical Solutions for Nonlinear Two-Phase Flow with Gas Solubility in Shale Gas Reservoirs. <i>Geofluids</i> , 2019, 2019, 1-15.	0.3	5
35	Evaluation of water permeability of rough fractures based on a self-affine fractal model and optimized segmentation algorithm. <i>Advances in Water Resources</i> , 2019, 129, 99-111.	1.7	39
36	A Multiscale Fractal Transport Model with Multilayer Sorption and Effective Porosity Effects. <i>Transport in Porous Media</i> , 2019, 129, 25-51.	1.2	32

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37	Discrete Element Analysis for Hydraulic Fracture Propagations in Laminated Reservoirs with Complex Initial Joint Properties. <i>Geofluids</i> , 2019, 2019, 1-23.	0.3	21
38	A fully coupled fracture equivalent continuum-dual porosity model for hydro-mechanical process in fractured shale gas reservoirs. <i>Computers and Geotechnics</i> , 2019, 106, 143-160.	2.3	31
39	Effect of joint parameters on fracturing behavior of shale in notched three-point-bending test based on discrete element model. <i>Engineering Fracture Mechanics</i> , 2019, 205, 40-56.	2.0	50
40	IMPACTS OF ZONE FRACTAL PROPERTIES ON SHALE GAS PRODUCTIVITY OF A MULTIPLE FRACTURED HORIZONTAL WELL. <i>Fractals</i> , 2019, 27, 1950006.	1.8	12
41	Analytical solutions of fractal-hydro-thermal model for two-phase flow in thermal stimulation enhanced coalbed methane recovery. <i>Thermal Science</i> , 2019, 23, 1345-1353.	0.5	6
42	Coupled hydro-thermal-mechanical analysis for cold CO ₂ injection into a deep saline aquifer. <i>Thermal Science</i> , 2019, 23, 917-925.	0.5	1
43	Adaptive finite element-discrete element method for numerical analysis of the multistage hydrofracturing of horizontal wells in tight reservoirs considering pre-existing fractures, hydromechanical coupling, and leak-off effects. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 54, 266-282.	2.1	25
44	Analytical Solution for Shale Gas Productivity of a Multiple-Fractured Horizontal Well Based on a Diffusion Model. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 2563-2579.	1.7	4
45	Numerical Study of Fracture Network Evolution during Nitrogen Fracturing Processes in Shale Reservoirs. <i>Energies</i> , 2018, 11, 2503.	1.6	16
46	Sealing efficiency analysis for shallow-layer caprocks in CO ₂ geological storage. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	8
47	A Two-Phase Flowback Model for Multiscale Diffusion and Flow in Fractured Shale Gas Reservoirs. <i>Geofluids</i> , 2018, 2018, 1-15.	0.3	12
48	Experimental Study on Damage Mechanical Characteristics of Heat-Treated Granite under Repeated Impact. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	1.3	23
49	A Multi-Parameter Optimization Model for the Evaluation of Shale Gas Recovery Enhancement. <i>Energies</i> , 2018, 11, 654.	1.6	55
50	A Fully Coupled Numerical Model for Microwave Heating Enhanced Shale Gas Recovery. <i>Energies</i> , 2018, 11, 1608.	1.6	29
51	Effects of "soft-hard" compaction and multiscale flow on the shale gas production from a multistage hydraulic fractured horizontal well. <i>Journal of Petroleum Science and Engineering</i> , 2018, 170, 873-887.	2.1	34
52	A fully coupled thermo-hydro-mechanical model for heat and gas transfer in thermal stimulation enhanced coal seam gas recovery. <i>International Journal of Heat and Mass Transfer</i> , 2018, 125, 866-875.	2.5	44
53	Mechanical Behavior and Damage Constitutive Model of Granite Under Coupling of Temperature and Dynamic Loading. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 3045-3059.	2.6	67
54	Fracturing behavior of shale reservoirs in water, N ₂ and SC-CO ₂ fracturing process. , 2018, , 207-215.		2

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55	Analysis of Energy Properties and Failure Modes of Heat-Treated Granite in Dynamic Splitting Test. <i>Geotechnical Testing Journal</i> , 2018, 41, 20170098.	0.5	6
56	Experimental Study on Mechanical and Energy Properties of Granite under Dynamic Triaxial Condition. <i>Geotechnical Testing Journal</i> , 2018, 41, 20170237.	0.5	8
57	Experimental study on seepage properties, AE characteristics and energy dissipation of coal under tiered cyclic loading. <i>Engineering Geology</i> , 2017, 221, 114-123.	2.9	133
58	Experimental study on CH ₄ permeability and its dependence on interior fracture networks of fractured coal under different excavation stress paths. <i>Fuel</i> , 2017, 202, 483-493.	3.4	58
59	Impact of water, nitrogen and CO ₂ fracturing fluids on fracturing initiation pressure and flow pattern in anisotropic shale reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 45, 291-306.	2.1	49
60	Impact of micro-scale heterogeneity on gas diffusivity of organic-rich shale matrix. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 45, 75-87.	2.1	26
61	Cyclic direct shear behaviors of an artificial frozen soil-structure interface under constant normal stress and sub-zero temperature. <i>Cold Regions Science and Technology</i> , 2017, 133, 70-81.	1.6	24
62	Impact of water and nitrogen fracturing fluids on fracturing initiation pressure and flow pattern in anisotropic shale reservoirs. <i>Computers and Geotechnics</i> , 2017, 81, 59-76.	2.3	44
63	Fractal analysis for heat extraction in geothermal system. <i>Thermal Science</i> , 2017, 21, 25-31.	0.5	18
64	Simulation and visualization of the displacement between CO ₂ and formation fluids at pore-scale levels and its application to the recovery of shale gas. <i>International Journal of Coal Science and Technology</i> , 2016, 3, 351-369.	2.7	15
65	A New Experimental Apparatus for Coal and Gas Outburst Simulation. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 2005-2013.	2.6	73
66	Uniaxial compression test of frozen tailings. <i>Cold Regions Science and Technology</i> , 2016, 129, 60-68.	1.6	18
67	Complex thermal coal-gas interactions in heat injection enhanced CBM recovery. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 34, 1174-1190.	2.1	61
68	CO ₂ permeability of fractured coal subject to confining pressures and elevated temperature: Experiments and modeling. <i>Science China Technological Sciences</i> , 2016, 59, 1931-1942.	2.0	21
69	A thermally sensitive permeability model for coal-gas interactions including thermal fracturing and volatilization. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 32, 319-333.	2.1	66
70	Impact of Water Film Evaporation on Gas Transport Property in Fractured Wet Coal Seams. <i>Transport in Porous Media</i> , 2016, 113, 357-382.	1.2	29
71	Impact of micro- and macro-scale consistent flows on well performance in fractured shale gas reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 1239-1252.	2.1	21
72	A simple approach for the estimation of CO ₂ penetration depth into a caprock layer. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2016, 8, 75-86.	3.7	23

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73	Flow Consistency Between Non-Darcy Flow in Fracture Network and Nonlinear Diffusion in Matrix to Gas Production Rate in Fractured Shale Gas Reservoirs. <i>Transport in Porous Media</i> , 2016, 111, 97-121.	1.2	41
74	Mechanical behavior and permeability evolution of gas infiltrated coals during protective layer mining. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2015, 80, 292-301.	2.6	111
75	Effect of CO ₂ sorption-induced anisotropic swelling on caprock sealing efficiency. <i>Journal of Cleaner Production</i> , 2015, 103, 685-695.	4.6	35
76	Geomechanical and flow properties of coal from loading axial stress and unloading confining pressure tests. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2015, 76, 155-161.	2.6	74
77	Simulation of coal self-heating processes in underground methane-rich coal seams. <i>International Journal of Coal Geology</i> , 2015, 141-142, 1-12.	1.9	108
78	Energy Dissipation and Release During Coal Failure Under Conventional Triaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2015, 48, 509-526.	2.6	251
79	Evaluation of the non-Darcy effect in coalbed methane production. <i>Fuel</i> , 2014, 121, 1-10.	3.4	47
80	Cyclic direct shear behaviors of frozen soil-structure interface under constant normal stiffness condition. <i>Cold Regions Science and Technology</i> , 2014, 102, 52-62.	1.6	25
81	Numerical modeling for the combined effects of two-phase flow, deformation, gas diffusion and CO ₂ sorption on caprock sealing efficiency. <i>Journal of Geochemical Exploration</i> , 2014, 144, 154-167.	1.5	41
82	Impacts of surface roughness and loading conditions on cyclic direct shear behaviors of an artificial frozen silt-structure interface. <i>Cold Regions Science and Technology</i> , 2014, 106-107, 183-193.	1.6	22
83	Repeated-Impact Response of Ultrashort Steel Fiber Reinforced Concrete. <i>Experimental Techniques</i> , 2013, 37, 6-13.	0.9	23
84	Combined Effect of Stress, Pore Pressure and Temperature on Methane Permeability in Anthracite Coal: An Experimental Study. <i>Transport in Porous Media</i> , 2013, 100, 1-16.	1.2	110
85	Combined effects of directional compaction, non-Darcy flow and anisotropic swelling on coal seam gas extraction. <i>International Journal of Coal Geology</i> , 2013, 109-110, 1-14.	1.9	75
86	Design, construction and management of tailings storage facilities for surface disposal in China: case studies of failures. <i>Waste Management and Research</i> , 2013, 31, 106-112.	2.2	65
87	Impact of Various Parameters on the Production of Coalbed Methane. <i>SPE Journal</i> , 2013, 18, 910-923.	1.7	34
88	Using Hopkinson pressure bar to perform dynamic tensile tests on SFRC at medium strain rates. <i>Magazine of Concrete Research</i> , 2012, 64, 657-664.	0.9	12
89	Experimental Study on Macroscopic Mechanical Behavior of SFRC under Triaxial Compression. <i>Mechanics of Advanced Materials and Structures</i> , 2012, 19, 653-662.	1.5	7
90	Interlaced Microstructures of Bone. <i>Solid State Phenomena</i> , 2012, 185, 126-128.	0.3	0

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91	Stability analysis and supporting system design of a high-steep cut soil slope on an ancient landslide during highway construction of Tehran-Chalus. Environmental Earth Sciences, 2012, 67, 1651-1662.	1.3	24
92	Complex evolution of coal permeability during CO2 injection under variable temperatures. International Journal of Greenhouse Gas Control, 2012, 9, 281-293.	2.3	82
93	Effects of non-Darcy flow on the performance of coal seam gas wells. International Journal of Coal Geology, 2012, 93, 62-74.	1.9	114
94	Impact of transition from local swelling to macro swelling on the evolution of coal permeability. International Journal of Coal Geology, 2011, 88, 31-40.	1.9	143
95	On the strength and toughness properties of SFRC under static-dynamic compression. Composites Part B: Engineering, 2011, 42, 1285-1290.	5.9	58
96	Study on behaviour and strength of SFRC under combined action of compression and shear. Magazine of Concrete Research, 2011, 63, 829-836.	0.9	3
97	Strength and toughness properties of steel fibre reinforced concrete under repetitive impact. Magazine of Concrete Research, 2011, 63, 883-891.	0.9	12
98	Impact of Rock Microstructures on the Supercritical CO2 Enhanced Gas Recovery. , 2010, , .		4
99	A numerical study on effect of combined wave loadings in concrete slab. Acta Geotechnica, 2010, 5, 169-175.	2.9	0
100	Experimental and numerical analysis on effect of fibre aspect ratio on mechanical properties of SRFC. Construction and Building Materials, 2010, 24, 559-565.	3.2	87
101	A study of constitutive relation and dynamic failure for SFRC in compression. Construction and Building Materials, 2010, 24, 1358-1363.	3.2	34
102	FIBER-CONTINUOUS PILLAR-BOARD BIOCOMPOSITE STRUCTURE IN TUMBLEBUG ELYTRA. International Journal of Modern Physics B, 2010, 24, 191-200.	1.0	0
103	INTERSECTANT MICROSTRUCTURE OF HYDROXYAPATITE SHEETS OF SHANKBONE. International Journal of Modern Physics B, 2010, 24, 201-208.	1.0	0
104	A simple numerical scheme for evaluating impact-induced compression damage in concrete plate. Magazine of Concrete Research, 2010, 62, 795-801.	0.9	0
105	Numerical simulation of geofluid focusing and penetration due to hydraulic fracture. Journal of Geochemical Exploration, 2010, 106, 211-218.	1.5	22
106	Screwy microstructure of hydroxyapatite sheets of shank bone. Computational Materials Science, 2010, 49, S2-S5.	1.4	1
107	Elastoplastic constitutive equations considering void evolution. Computational Materials Science, 2010, 49, S6-S9.	1.4	1
108	Reinforced terraced fields method for fine tailings disposal. Minerals Engineering, 2009, 22, 1053-1059.	1.8	37

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109	A local boundary integral-based meshless method for Biot's consolidation problem. <i>Engineering Analysis With Boundary Elements</i> , 2009, 33, 35-42.	2.0	6
110	Numerical investigation on active isolation of ground shock by soft porous layers. <i>Journal of Sound and Vibration</i> , 2009, 321, 492-509.	2.1	50
111	Numerical analysis of blast-induced wave propagation and spalling damage in a rock plate. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2008, 45, 600-608.	2.6	41
112	A method for evaluating dynamic tensile damage of rock. <i>Engineering Fracture Mechanics</i> , 2008, 75, 2812-2825.	2.0	27
113	The application of a meshless method to consolidation analysis of saturated soils with anisotropic damage. <i>Computers and Geosciences</i> , 2008, 34, 849-859.	2.0	3
114	A microstructural analysis for crushable deformation of foam materials. <i>Computational Materials Science</i> , 2008, 44, 195-200.	1.4	11
115	A constitutive model for casting magnesium alloy ZL101 based on the analysis of spherical void evolution. <i>Computational Materials Science</i> , 2008, 44, 190-194.	1.4	0
116	Static and Dynamic Behaviors of High Alkali Glass-Fibre-Reinforced Cloth Composites. <i>Mechanics of Advanced Materials and Structures</i> , 2008, 15, 400-408.	1.5	2
117	Interaction characteristics of geosynthetics with fine tailings in pullout test. <i>Geosynthetics International</i> , 2008, 15, 428-436.	1.5	39
118	Study of Gene Expression Profiles and Biological Mechanism of Cerebral Palsy Using a Monozygotic Twin Pair. <i>Twin Research and Human Genetics</i> , 2007, 10, 496-507.	0.3	3
119	Numerical study on craters and penetration of concrete slab by ogive-nose steel projectile. <i>Computers and Geotechnics</i> , 2007, 34, 1-9.	2.3	59
120	An unequal-order radial interpolation meshless method for Biot's consolidation theory. <i>Computers and Geotechnics</i> , 2007, 34, 61-70.	2.3	15
121	A study of tensile damage and attenuation effect of perforated concrete defense layer on stress waves. <i>Engineering Structures</i> , 2007, 29, 1025-1033.	2.6	8
122	Analysis of seabed instability using element free Galerkin method. <i>Ocean Engineering</i> , 2007, 34, 247-260.	1.9	18
123	A damage-softening statistical constitutive model considering rock residual strength. <i>Computers and Geosciences</i> , 2007, 33, 1-9.	2.0	200
124	Analysis of Critical Excavation Depth for a Jointed Rock Slope Using a Face-to-Face Discrete Element Method. <i>Rock Mechanics and Rock Engineering</i> , 2007, 40, 331-348.	2.6	37
125	A dynamic comprehensive method for landslide control. <i>Engineering Geology</i> , 2006, 84, 1-11.	2.9	22
126	Numerical simulation of frost heave with coupled water freezing, temperature and stress fields in tunnel excavation. <i>Computers and Geotechnics</i> , 2006, 33, 330-340.	2.3	95

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127	Numerical analysis of attenuation effect of EPS geof foam on stress-waves in civil defense engineering. <i>Geotextiles and Geomembranes</i> , 2006, 24, 265-273.	2.3	51
128	Attenuation effect of artificial cavity on air-blast waves in an intelligent defense layer. <i>Computers and Geotechnics</i> , 2006, 33, 132-141.	2.3	14
129	Study of stress waves in geomedia and effect of a soil cover layer on wave attenuation using a 1-D finite-difference method. <i>Computers and Geosciences</i> , 2006, 32, 1535-1543.	2.0	16
130	Establishment of a Discriminant Mathematical Model for Diagnosis of Deficiency-Cold Syndrome Using Gene Expression Profiling. <i>Journal of Alternative and Complementary Medicine</i> , 2006, 12, 751-761.	2.1	6
131	Clinical and Molecular Evaluation of Warming and Tonic Herb Treatment for Sibling Patients of a Typical Kidney-yang Deficiency Family. <i>The American Journal of Chinese Medicine</i> , 2006, 34, 387-400.	1.5	16
132	Familial Characteristics of Kidney-Yang Deficiency and Cold Syndrome. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1939-1950.	1.1	11
133	A local radial point interpolation method for dissipation process of excess pore water pressure. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2005, 15, 567-587.	1.6	15
134	NANOMETER CHITIN FIBER AND LAYUP OF THE CHAFER CUTICLE. <i>International Journal of Nanoscience</i> , 2004, 03, 707-714.	0.4	2
135	Wave-induced seabed response analysis by radial point interpolation meshless method. <i>Ocean Engineering</i> , 2004, 31, 21-42.	1.9	30
136	Laminated microstructure of Bivalva shell and research of biomimetic ceramic/polymer composite. <i>Ceramics International</i> , 2004, 30, 2011-2014.	2.3	40
137	A weak coupling algorithm for seabed wave interaction analysis. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2004, 193, 3935-3956.	3.4	15
138	Time-dependent deformation in high concrete-faced rockfill dam and separation between concrete face slab and cushion layer. <i>Computers and Geotechnics</i> , 2004, 31, 559-573.	2.3	75
139	An elastoplastic constitutive description for casting magnesium alloy ZL305. <i>Computational Materials Science</i> , 2004, 30, 404-410.	1.4	0
140	Investigation of fiber configurations of chafer cuticle by SEM, mechanical modeling and test of pullout forces. <i>Computational Materials Science</i> , 2004, 30, 511-516.	1.4	5
141	Spiry-layup model of Rutelidae cuticle. <i>Computational Materials Science</i> , 2004, 30, 517-522.	1.4	2
142	A two-stage manufacturing partner selection framework for virtual enterprises. <i>International Journal of Computer Integrated Manufacturing</i> , 2004, 17, 294-304.	2.9	40
143	Numerical Method for Consolidation Analysis of Lumpy Clay Fillings with Meshless Method. <i>Soils and Foundations</i> , 2004, 44, 125-142.	1.3	9
144	Numerical solutions for flow in porous media. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2003, 27, 565-583.	1.7	31

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145	A constitutive model for rock interfaces and joints. International Journal of Rock Mechanics and Minings Sciences, 2003, 40, 41-53.	2.6	57
146	A radial boundary node method for two-dimensional elastic analysis. Engineering Analysis With Boundary Elements, 2003, 27, 853-862.	2.0	5
147	A point interpolation meshless method based on radial basis functions. International Journal for Numerical Methods in Engineering, 2002, 54, 1623-1648.	1.5	859
148	A simplified homogenisation method for composite soils. Computers and Geotechnics, 2002, 29, 477-500.	2.3	51
149	On the optimal shape parameters of radial basis functions used for 2-D meshless methods. Computer Methods in Applied Mechanics and Engineering, 2002, 191, 2611-2630.	3.4	468
150	Coefficients identification in electronic system cooling simulation through genetic algorithm. Computers and Structures, 2002, 80, 23-30.	2.4	17
151	Numerical analysis of Biot's consolidation process by radial point interpolation method. International Journal of Solids and Structures, 2002, 39, 1557-1573.	1.3	127
152	Analysis of transient response of saturated porous elastic soil under cyclic loading using element-free Galerkin method. International Journal of Solids and Structures, 2002, 39, 6011-6033.	1.3	37
153	Point interpolation method based on local residual formulation using radial basis functions. Structural Engineering and Mechanics, 2002, 14, 713-732.	1.0	116
154	A point interpolation method for simulating dissipation process of consolidation. Computer Methods in Applied Mechanics and Engineering, 2001, 190, 5907-5922.	3.4	66
155	Micro/macro properties of geomaterials: a homogenization method for viscoelastic problem. Structural Engineering and Mechanics, 1996, 4, 631-644.	1.0	3
156	Laminated Microstructure and Toughness Mechanism of Abalone Shell. Solid State Phenomena, 0, 185, 133-135.	0.3	1