

# Jian-Hua Yin

## List of Publications by Year in descending order

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249  
papers

8,037  
citations

41344

49  
h-index

76900

74  
g-index

258  
all docs

258  
docs citations

258  
times ranked

3344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a monitoring and warning system based on optical fiber sensing technology for masonry retaining walls and trees. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022, 14, 1064-1076.	8.1	8
2	A general simple method for calculating consolidation settlements of layered clayey soils with vertical drains under staged loadings. <i>Acta Geotechnica</i> , 2022, 17, 3647-3674.	5.7	13
3	Development of Optic Fiber Sensing Technology for Geotechnical Application - From Laboratory Measurement to Geotechnical Monitoring. <i>Lecture Notes in Civil Engineering</i> , 2022, , 71-80.	0.4	1
4	Development and performance of new simplified method for soft soil with creep under multi-staged loading. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 431-447.	2.1	5
5	Numerical study of retention efficiency of a flexible barrier in mitigating granular flow comparing with large-scale physical modeling test data. <i>Acta Geotechnica</i> , 2021, 16, 433-448.	5.7	8
6	Effect of Initial Density, Particle Shape, and Confining Stress on the Critical State Behavior of Weathered Gap-Graded Granular Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, .	3.0	36
7	Case study on long-term ground settlement of reclamation project on clay deposits in Nansha of China. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 372-387.	2.1	10
8	Closure to "Radial Consolidation Analysis Using Delayed Consolidation Approach" by Pankaj Baral, Cholachat Rujikiatkamjorn, Buddhima Indraratna, Serge Leroueil, and Jian-Hua Yin. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, 07020025.	3.0	0
9	Finite Element Simulations of Clayey Soil Ground with a Three-Dimensional Nonlinear Elastic Viscoplastic Model. <i>Lecture Notes in Civil Engineering</i> , 2021, , 373-381.	0.4	1
10	Novel fiber Bragg Grating-based strain gauges for monitoring dynamic responses of <i>Celtis sinensis</i> under typhoon conditions. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 172, 108966.	5.0	9
11	Stress-Strain behaviour of Cement-Stabilized Hong Kong marine deposits. <i>Construction and Building Materials</i> , 2021, 274, 122103.	7.2	35
12	An experimental and analytical study of rate-dependent shear behaviour of rough joints. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 142, 104702.	5.8	13
13	Nonlinear Model for the Stress-Strain-Strength Behavior of Unsaturated Granular Materials. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	8
14	Shaft Friction Characteristics of Two FRP Seawater Sea-Sand Concrete Piles in a Rock Socket with or without Debris. <i>International Journal of Geomechanics</i> , 2021, 21, .	2.7	6
15	A Novel Approach to Surface Strain Measurement for Cylindrical Rock Specimens Under Uniaxial Compression Using Distributed Fibre Optic Sensor Technology. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 6605-6619.	5.4	11
16	A new simplified method for calculating short-term and long-term consolidation settlements of multi-layered soils considering creep limit. <i>Computers and Geotechnics</i> , 2021, 138, 104324.	4.7	22
17	A micromechanical-based study on the tribological and creep-relaxation behavior of sand-FRP composite interfaces. <i>Composite Structures</i> , 2021, 275, 114423.	5.8	13
18	Closure to "New Model for Predicting Permanent Strain of Granular Materials in Embankment Subjected to Low Cyclic Loadings" by Wen-Bo Chen, Wei-Qiang Feng, Jian-Hua Yin, Jin-Miao Chen, Lalit Borana, and Ren-Peng Chen. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, 07021027.	3.0	0

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19	Analysis of mobilized stress ratio of gap-graded granular materials in direct shear state considering coarse fraction effect. <i>Acta Geotechnica</i> , 2021, 16, 1801-1814.	5.7	10
20	A novel multifunctional apparatus for testing unsaturated soils. <i>Acta Geotechnica</i> , 2021, 16, 3761.	5.7	0
21	A 1-g shaking table investigation on response of a micropile system to earthquake excitation. <i>Acta Geotechnica</i> , 2020, 15, 827-846.	5.7	9
22	Influence of matric suction on nonlinear time-dependent compression behavior of a granular fill material. <i>Acta Geotechnica</i> , 2020, 15, 615-633.	5.7	25
23	Fast Door-Opening Method for Quick Release of Rock Boulder or Debris in Large-Scale Physical Model. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	5
24	Development and application of new FBG mini tension link transducers for monitoring dynamic response of a flexible barrier under impact loads. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 153, 107409.	5.0	15
25	Crushing and Flooding Effects on One-Dimensional Time-Dependent Behaviors of a Granular Soil. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	25
26	Development and Verification of a New Simplified Method for Calculating Settlement of a Thick Soil Layer with Nonlinear Compressibility and Creep. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	7
27	Numerical study of creep effects on settlements and load transfer mechanisms of soft soil improved by deep cement mixed soil columns under embankment load. <i>Geotextiles and Geomembranes</i> , 2020, 48, 331-348.	4.6	25
28	A new simplified method for calculating consolidation settlement of multi-layer soft soils with creep under multi-stage ramp loading. <i>Engineering Geology</i> , 2020, 264, 105322.	6.3	22
29	Modeling a Flexible Ring Net with the Discrete Element Method. <i>Journal of Engineering Mechanics - ASCE</i> , 2020, 146, 04019120.	2.9	4
30	Effects of water content on resilient modulus of a granular material with high fines content. <i>Construction and Building Materials</i> , 2020, 236, 117542.	7.2	23
31	A bounding surface model for saturated and unsaturated soil-structure interfaces. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020, 44, 2412-2429.	3.3	15
32	Partially drained cyclic behaviour of granular fill material in triaxial condition. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 139, 106355.	3.8	5
33	Evaluating the environmental impact of contaminated sediment column stabilized by deep cement mixing. <i>Chemosphere</i> , 2020, 261, 127755.	8.2	10
34	New simple method for measuring impact force on a flexible barrier from rockfall and debris flow based on large-scale flume tests. <i>Engineering Geology</i> , 2020, 279, 105881.	6.3	8
35	The stress-strain behaviour and critical state parameters of an unsaturated granular fill material under different suctions. <i>Acta Geotechnica</i> , 2020, 15, 3383-3398.	5.7	18
36	New Model for Predicting Permanent Strain of Granular Materials in Embankment Subjected to Low Cyclic Loadings. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	3.0	19

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37	LVDTs-based radial strain measurement system for static and cyclic behavior of geomaterials. Measurement: Journal of the International Measurement Confederation, 2020, 155, 107526.	5.0	16
38	Experimental study on impact and deposition behaviours of multiple surges of channelized debris flow on a flexible barrier. Landslides, 2020, 17, 1577-1589.	5.4	19
39	Experimental study on the reinforced fly ash and sand retaining wall under static load. Construction and Building Materials, 2020, 248, 118678.	7.2	19
40	An excess stress model for capturing rate-dependent compressive behavior of rock joint and its validation and applications. International Journal of Rock Mechanics and Minings Sciences, 2020, 128, 104267.	5.8	8
41	Fabrication and performance evaluation of a novel FBG-based effective stress cell for directly measuring effective stress in saturated soils. Measurement: Journal of the International Measurement Confederation, 2020, 155, 107491.	5.0	16
42	Novel FBG-Based Effective Stress Cell for Direct Measurement of Effective Stress in Saturated Soil. International Journal of Geomechanics, 2020, 20, .	2.7	9
43	Experimental and Numerical Studies on the Performances of Stone Column and Sand Compaction Pileâ€“Reinforced Hong Kong Marine Clay. International Journal of Geomechanics, 2020, 20, .	2.7	12
44	An elasto-plastic model of unsaturated soil with an explicit degree of saturation-dependent CSL. Engineering Geology, 2019, 260, 105240.	6.3	17
45	A new discrete element model for simulating a flexible ring net barrier under rockfall impact comparing with large-scale physical model test data. Computers and Geotechnics, 2019, 116, 103208.	4.7	16
46	Radial Consolidation Analysis Using Delayed Consolidation Approach. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, 04019063.	3.0	6
47	A network theory for BOTDA measurement of deformations of geotechnical structures and error analysis. Measurement: Journal of the International Measurement Confederation, 2019, 146, 618-627.	5.0	21
48	New Simple Method for Calculating Impact Force on Flexible Barrier Considering Partial Muddy Debris Flow Passing Through. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, 04019051.	3.0	27
49	Physical model study on the clayâ€“sand interface without and with geotextile separator. Acta Geotechnica, 2019, 14, 2065-2081.	5.7	12
50	Elastic Visco-Plastic Model for Binary Sand-Clay Mixtures with Applications to One-Dimensional Finite Strain Consolidation Analysis. Journal of Engineering Mechanics - ASCE, 2019, 145, 04019059.	2.9	11
51	Monitoring and analysis of cast-in-place concrete bored piles adjacent to deep excavation by using BOTDA sensing technology. Journal of Modern Optics, 2019, 66, 703-709.	1.3	12
52	Experimental study on geosynthetic-reinforced sand fill over marine clay with or without deep cement mixed soil columns under different loadings. Underground Space (China), 2019, 4, 340-347.	7.5	12
53	Slope stability analysis based on real-time displacement measurements. Measurement: Journal of the International Measurement Confederation, 2019, 131, 686-693.	5.0	43
54	An elastoplastic model for gap-graded soils based on homogenization theory. International Journal of Solids and Structures, 2019, 163, 1-14.	2.7	25

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55	A single-objective EPR based model for creep index of soft clays considering L2 regularization. <i>Engineering Geology</i> , 2019, 248, 242-255.	6.3	54
56	Characterization of permanent axial strain of granular materials subjected to cyclic loading based on shakedown theory. <i>Construction and Building Materials</i> , 2019, 198, 751-761.	7.2	59
57	A new double-cell system for measuring volume change of a soil specimen under monotonic or cyclic loading. <i>Acta Geotechnica</i> , 2019, 14, 71-81.	5.7	12
58	Accumulated Permanent Axial Strain of a Subgrade Fill under Cyclic High-Speed Railway Loading. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	45
59	A new measurement approach for deflection monitoring of large-scale bored piles using distributed fiber sensing technology. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 117, 444-454.	5.0	48
60	Shaking table test study on dynamic behavior of micropiles in loose sand. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 110, 53-69.	3.8	19
61	A kinematic hardening and elastic visco-plastic model of saturated cohesive anisotropic soils. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 532-543.	1.9	4
62	A new simplified Hypothesis B method for calculating the consolidation settlement of ground improved by vertical drains. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 295-311.	3.3	14
63	New Gradation Equation and Applicability for Particle-Size Distributions of Various Soils. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	32
64	Consolidation Behavior for Saturated Sand&#x2013;Marine Clay Mixtures Considering the Intergranular Structure Evolution. <i>Journal of Engineering Mechanics - ASCE</i> , 2018, 144, 04017166.	2.9	8
65	Direct Shear Testing Study of the Interface Behavior between Steel Plate and Compacted Completely Decomposed Granite under Different Vertical Stresses and Suctions. <i>Journal of Engineering Mechanics - ASCE</i> , 2018, 144, .	2.9	15
66	Laboratory Study of the Shear Strength and State Boundary Surface of a Natural Lumpy Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	3.0	7
67	Creep Coefficient of Binary Sand&#x2013;Bentonite Mixtures in Oedometer Testing Using Mixture Theory. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	13
68	Large-scale physical modelling study of a flexible barrier under the impact of granular flows. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 2625-2640.	3.6	15
69	Large-scale physical modeling study on the interaction between rockfall and flexible barrier. <i>Landslides</i> , 2018, 15, 2487-2497.	5.4	8
70	Modeling Small-Strain Behavior of Hong Kong CDG and Its Application to Finite-Element Study of Basement-Raft Footing. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	10
71	Estimation of Hydraulic Conductivity of Saturated Sand&#x2013;Marine Clay Mixtures with a Homogenization Approach. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	13
72	Shaking Table Investigation of Effects of Inclination Angle on Seismic Performance of Micropiles. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	5

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73	Monitoring a Flexible Barrier Under the Impact of Large Boulder and Granular Flow Using Conventional and Optical Fibre Sensors. Springer Series in Geomechanics and Geoengineering, 2018, , 755-758.	0.1	2
74	Uniaxial compressive strength and point load index of volcanic irregular lumps. International Journal of Rock Mechanics and Minings Sciences, 2017, 93, 307-315.	5.8	28
75	Long-term Non-linear creep and swelling behavior of Hong Kong marine deposits in oedometer condition. Computers and Geotechnics, 2017, 84, 1-15.	4.7	57
76	Experimental and theoretical investigation on the compression behavior of sand-marine clay mixtures within homogenization framework. Computers and Geotechnics, 2017, 90, 14-26.	4.7	22
77	Point load strength index of granitic irregular lumps: Size correction and correlation with uniaxial compressive strength. Tunnelling and Underground Space Technology, 2017, 70, 388-399.	6.2	31
78	Visualization of pullout behaviour of geogrid in sand with emphasis on size effect of protrusive junctions. Journal of Central South University, 2017, 24, 2121-2133.	3.0	8
79	Analytical study for double-layer geosynthetic reinforced load transfer platform on column improved soft soil. Geotextiles and Geomembranes, 2017, 45, 508-536.	4.6	34
80	Time and Strain-Rate Effects on Viscous Stress-Strain Behavior of Plasticine Material. International Journal of Geomechanics, 2017, 17, .	2.7	14
81	Dynamic analysis and numerical modeling of the 2015 catastrophic landslide of the construction waste landfill at Guangming, Shenzhen, China. Landslides, 2017, 14, 705-718.	5.4	142
82	Influence of Matric Suction and Counterface Roughness on Shearing Behavior of Completely Decomposed Granitic Soil and Steel Interface. Indian Geotechnical Journal, 2017, 47, 150-160.	1.4	12
83	Influences of Initial Water Content and Roughness on Skin Friction of Piles Using FBG Technique. International Journal of Geomechanics, 2017, 17, 04016097.	2.7	18
84	A new simplified Hypothesis B method for calculating consolidation settlements of double soil layers exhibiting creep. International Journal for Numerical and Analytical Methods in Geomechanics, 2017, 41, 899-917.	3.3	38
85	A new simplified method and its verification for calculation of consolidation settlement of a clayey soil with creep. Canadian Geotechnical Journal, 2017, 54, 333-347.	2.8	63
86	Experimental Investigation on the Settlement of Fills under Saturated and Unsaturated Conditions. , 2017, , .		0
87	Effects of time and rate on the stress-strain-strength behavior of soils. Japanese Geotechnical Society Special Publication, 2016, 2, 440-445.	0.2	0
88	Interface Behavior from Suction-Controlled Direct Shear Test on Completely Decomposed Granitic Soil and Steel Surfaces. International Journal of Geomechanics, 2016, 16, .	2.7	47
89	Deformation monitoring of long GFRP bar soil nails using distributed optical fiber sensing technology. Smart Materials and Structures, 2016, 25, 085044.	3.5	20
90	Analysis of excavation induced stress distributions of GFRP anchors in a soil slope using distributed fiber optic sensors. Engineering Geology, 2016, 213, 55-63.	6.3	43

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91	The pore water pressure sensor based on Sagnac interferometer with polarization-maintaining photonic crystal fiber for the geotechnical engineering. Measurement: Journal of the International Measurement Confederation, 2016, 90, 208-214.	5.0	34
92	Investigation Into the Effects of the Thickness of a Hollow-Cylinder Soil Specimen on the Stress Distributions in Triaxial Torsional Shear Testing. Geotechnical Testing Journal, 2016, 39, 786-794.	1.0	4
93	Closure to "Experimental Investigation of Pullout Behavior of Fiber-Reinforced Polymer Reinforcements in Sand" by Cheng-Cheng Zhang, Hong-Hu Zhu, Bin Shi, Fang-Dong Wu, and Jian-Hua Yin. Journal of Composites for Construction, 2015, 19, 07015005.	3.2	0
94	A Modified Suction-Controlled Direct Shear Device for Testing Unsaturated Soil and Steel Plate Interface. Marine Georesources and Geotechnology, 2015, 33, 289-298.	2.1	26
95	Rate-Dependent and Long-Term Yield Stress and Strength of Soft Wenzhou Marine Clay: Experiments and Modeling. Marine Georesources and Geotechnology, 2015, 33, 79-91.	2.1	109
96	Uniqueness of rate-dependency, creep and stress relaxation behaviors for soft clays. Journal of Central South University, 2015, 22, 296-302.	3.0	7
97	Special Issue on Time-Dependent Stress-Strain Behavior of Geomaterials. International Journal of Geomechanics, 2015, 15, .	2.7	2
98	Fundamental Issues of Elastic Viscoplastic Modeling of the Time-Dependent Stress-Strain Behavior of Geomaterials. International Journal of Geomechanics, 2015, 15, .	2.7	17
99	Time-Dependent Unified Hardening Model: Three-Dimensional Elastoviscoplastic Constitutive Model for Clays. Journal of Engineering Mechanics - ASCE, 2015, 141, .	2.9	71
100	Experimental Investigation of Pullout Behavior of Fiber-Reinforced Polymer Reinforcements in Sand. Journal of Composites for Construction, 2015, 19, .	3.2	17
101	Dilatancy and Strength of an Unsaturated Soil-Cement Interface in Direct Shear Tests. International Journal of Geomechanics, 2015, 15, .	2.7	44
102	Stress relaxation coefficient and formulation for soft soils. Geotechnique Letters, 2014, 4, 45-51.	1.2	64
103	Evaluations of load-deformation behavior of soil nail using hyperbolic pullout model. Geomechanics and Engineering, 2014, 6, 277-292.	0.9	20
104	Behavior of a Pressure-Grouted Soil-Cement Interface in Direct Shear Tests. International Journal of Geomechanics, 2014, 14, 101-109.	2.7	48
105	Measurement of small strain behavior of a local soil by fiber Bragg grating-based local displacement transducers. Acta Geotechnica, 2014, 9, 935-943.	5.7	38
106	A review of previous studies on the applications of optical fiber sensors in geotechnical health monitoring. Measurement: Journal of the International Measurement Confederation, 2014, 58, 207-214.	5.0	91
107	Monitoring and analysis of PHC pipe piles under hydraulic jacking using FBG sensing technology. Measurement: Journal of the International Measurement Confederation, 2014, 49, 358-367.	5.0	34
108	Experimental and numerical investigation of uplift behavior of umbrella-shaped ground anchor. Geomechanics and Engineering, 2014, 7, 165-181.	0.9	16

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109	Comparative study on pullout behaviour of pressure grouted soil nails from field and laboratory tests. <i>Journal of Central South University</i> , 2013, 20, 2285-2292.	3.0	12
110	Safety Monitoring of Railway Tunnel Construction Using FBG Sensing Technology. <i>Advances in Structural Engineering</i> , 2013, 16, 1401-1409.	2.4	54
111	Development of novel optical fiber sensors for measuring tilts and displacements of geotechnical structures. <i>Measurement Science and Technology</i> , 2013, 24, 095202.	2.6	51
112	Review of Elastic Visco-Plastic Modeling of the Time-Dependent Stress-Strain Behavior of Soils and Its Extensions and Applications. <i>Springer Series in Geomechanics and Geoengineering</i> , 2013, , 149-157.	0.1	3
113	Coupled mechanical and hydraulic modeling of a geosynthetic-reinforced and pile-supported embankment. <i>Computers and Geotechnics</i> , 2013, 52, 28-37.	4.7	37
114	A new flexible FBG sensing beam for measuring dynamic lateral displacements of soil in a shaking table test. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 200-209.	5.0	44
115	Performance Monitoring of a Glass Fiber-Reinforced Polymer Bar Soil Nail during Laboratory Pullout Test Using FBG Sensing Technology. <i>International Journal of Geomechanics</i> , 2013, 13, 467-472.	2.7	29
116	Experimental and Constitutive Modeling of Relaxation Behaviors of Three Clayey Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 1973-1981.	3.0	20
117	Experimental study on the pullout resistance of pressure-grouted soil nails in the field. <i>Canadian Geotechnical Journal</i> , 2013, 50, 693-704.	2.8	43
118	Influence of the intermediate principal stress on the stress-strain-strength behaviour of a completely decomposed granite soil. <i>Geotechnique</i> , 2012, 62, 275-280.	4.0	24
119	Simplified Analytical Method for Calculating the Maximum Shear Stress of Nail-Soil Interface. <i>International Journal of Geomechanics</i> , 2012, 12, 309-317.	2.7	31
120	Analysis and Mathematical Solutions for Consolidation of a Soil Layer with Depth-Dependent Parameters under Confined Compression. <i>International Journal of Geomechanics</i> , 2012, 12, 451-461.	2.7	21
121	Experimental Study on Complete Consolidation Behavior of Hong Kong Marine Deposits. <i>Marine Georesources and Geotechnology</i> , 2012, 30, 291-304.	2.1	5
122	Analytical Study on Progressive Pullout Behavior of a Soil Nail. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 500-507.	3.0	34
123	Influence of Grouting Pressure on the Behavior of an Unsaturated Soil-Cement Interface. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 193-202.	3.0	44
124	Monitoring of lateral displacements of a slope using a series of special fibre Bragg grating-based in-place inclinometers. <i>Measurement Science and Technology</i> , 2012, 23, 025007.	2.6	69
125	An optical fibre monitoring system for evaluating the performance of a soil nailed slope. <i>Smart Structures and Systems</i> , 2012, 9, 393-410.	1.9	92
126	Finite element modelling of pullout testing on a soil nail in a pullout box under different overburden and grouting pressures. <i>Canadian Geotechnical Journal</i> , 2011, 48, 557-567.	2.8	61



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127	Field Pullout Testing and Performance Evaluation of GFRP Soil Nails. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 633-642.	3.0	92
128	Influence of Sand Content on the Stress-Strain Behavior of Silicon Sand Mixed Bentonite in CRS Condition. , 2011, , .		0
129	Monitoring and warning of landslides and debris flows using an optical fiber sensor technology. Journal of Mountain Science, 2011, 8, 728-738.	2.0	63
130	The use of QP-free algorithm in the limit analysis of slope stability. Journal of Computational and Applied Mathematics, 2011, 235, 3889-3897.	2.0	4
131	Undrained Creep Behavior of a Silty Clay in Triaxial Tests. , 2011, , .		1
132	Development and Application of an Optical Fiber Sensor Based In-Place Inclinator for Geotechnical Monitoring. , 2011, , .		6
133	Constitutive modeling of time-dependent stress-strain behaviour of saturated soils exhibiting both creep and swelling. Canadian Geotechnical Journal, 2011, 48, 1870-1885.	2.8	43
134	Nonlinear Creep and Swelling Behavior of Bentonite Mixed with Different Sand Contents Under Oedometric Condition. Marine Georesources and Geotechnology, 2011, 29, 346-363.	2.1	15
135	A Rigid-Flexible Boundary True Triaxial Apparatus for Testing Soils in a Three-Dimensional Stress State. Geotechnical Testing Journal, 2011, 34, 265-272.	1.0	6
136	Monitoring Internal Displacements of a Model Dam Using FBG Sensing Bars. Advances in Structural Engineering, 2010, 13, 249-261.	2.4	56
137	Comparative Study on the Elongation Measurement of a Soil Nail Using Optical Lower Coherence Interferometry Method and FBG Method. Advances in Structural Engineering, 2010, 13, 309-319.	2.4	18
138	On composite foundation with different vertical reinforcing elements under vertical loading: a physical model testing study. Journal of Zhejiang University: Science A, 2010, 11, 80-87.	2.4	9
139	Slope Equivalent Mohr-Coulomb Strength Parameters for Rock Masses Satisfying the Hoek-Brown Criterion. Rock Mechanics and Rock Engineering, 2010, 43, 505-511.	5.4	68
140	Radial consolidation with variable compressibility and permeability following pile installation. Computers and Geotechnics, 2010, 37, 408-412.	4.7	13
141	Influences of overburden pressure and soil dilation on soil nail pull-out resistance. Computers and Geotechnics, 2010, 37, 555-564.	4.7	64
142	Behavior of a Compacted Completely Decomposed Granite Soil from Suction Controlled Direct Shear Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 189-198.	3.0	48
143	Influences of principal stress direction and intermediate principal stress on the stress-strain-strength behaviour of completely decomposed granite. Canadian Geotechnical Journal, 2010, 47, 164-179.	2.8	63
144	Physical Modeling of a Footing on Soft Soil Ground with Deep Cement Mixed Soil Columns under Vertical Loading. Marine Georesources and Geotechnology, 2010, 28, 173-188.	2.1	38

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145	Reply to the discussion by Chapuis and Aubertin on "Influence of relative compaction on the hydraulic conductivity of completely decomposed granite in Hong Kong" Appears in Canadian Geotechnical Journal, <b>47</b>(6): 704-707.. Canadian Geotechnical Journal, 2010, 47, 708-708.	2.8	0
146	Large-scale geomechanical model testing of an underground cavern group in a true three-dimensional (3-D) stress state. Canadian Geotechnical Journal, 2010, 47, 935-946.	2.8	90
147	New mixed boundary, true triaxial loading device for testing three-dimensional stress-strain-strength behaviour of geomaterials. Canadian Geotechnical Journal, 2010, 47, 1-15.	2.8	21
148	Shear strength and dilative characteristics of an unsaturated compacted completely decomposed granite soil. Canadian Geotechnical Journal, 2010, 47, 1112-1126.	2.8	68
149	Physical modelling of sliding failure of concrete gravity dam under overloading condition. Geomechanics and Engineering, 2010, 2, 89-106.	0.9	18
150	The influence of grouting pressure on the pullout resistance of soil nails in compacted completely decomposed granite fill. Geotechnique, 2009, 59, 103-113.	4.0	58
151	Reply to "Discussion of a simple mathematical model for soil nail and soil interaction analysis" Computers and Geotechnics 35 (2008) 479-488. Computers and Geotechnics, 2009, 36, 688.	4.7	1
152	A simplified method for analysis of a piled embankment reinforced with geosynthetics. Geotextiles and Geomembranes, 2009, 27, 39-52.	4.6	153
153	Influence of Grouting Pressure and Overburden Stress on the Interface Resistance of a Soil Nail. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 1198-1208.	3.0	111
154	Influence of relative compaction on the hydraulic conductivity of completely decomposed granite in Hong Kong. Canadian Geotechnical Journal, 2009, 46, 1229-1235.	2.8	30
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