Shui-Long Shen

List of Publications by Year
in descending order

331	17,269	8755 75	22832 112
papers	citations	h-index	g-index

345	345	345	5870
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of geological characteristics from construction parameters during shield tunnelling. Acta Geotechnica, 2023, 18, 535-551.	5.7	22
2	An extended TODIM-based model for evaluating risks of excavation system. Acta Geotechnica, 2022, 17, 1053-1069.	5.7	20
3	Time-series prediction of shield movement performance during tunneling based on hybrid model. Tunnelling and Underground Space Technology, 2022, 119, 104245.	6.2	42
4	Fractal-based model for maximum penetration distance of grout slurry flowing through soils with different dry densities. Computers and Geotechnics, 2022, 141, 104526.	4.7	12
5	Numerical evaluation of segmental tunnel lining with voids in outside backfill. Underground Space (China), 2022, 7, 786-797.	7.5	15
6	Risk evaluation of excavation based on fuzzy decision-making model. Automation in Construction, 2022, 136, 104143.	9.8	33
7	Real-time prediction of shield moving trajectory during tunnelling. Acta Geotechnica, 2022, 17, 1533-1549.	5.7	57
8	Deep learning analysis for energy consumption of shield tunneling machine drive system. Tunnelling and Underground Space Technology, 2022, 123, 104405.	6.2	55
9	Assessment of safety status of shield tunnelling using operational parameters with enhanced SPA. Tunnelling and Underground Space Technology, 2022, 123, 104428.	6.2	32
10	Enhancement of neural networks with an alternative activation function tanhLU. Expert Systems With Applications, 2022, 199, 117181.	7.6	48
11	Prediction of geological characteristics from shield operational parameters by integrating grid search and K-fold cross validation into stacking classification algorithm. Journal of Rock Mechanics and Geotechnical Engineering, 2022, 14, 1292-1303.	8.1	50
12	Indices and models of surface water quality assessment: Review and perspectives. Environmental Pollution, 2022, 308, 119611.	7.5	51
13	Energy sources evaluation based on multi-criteria decision support approach in China. , 2022, 2, 100017.		5
14	Real-time analysis and prediction of shield cutterhead torque using optimized gated recurrent unit neural network. Journal of Rock Mechanics and Geotechnical Engineering, 2022, 14, 1232-1240.	8.1	17
15	Modeling drainage in porous media considering locally variable contact angle based on pore morphology method. Journal of Hydrology, 2022, 612, 128157.	5.4	3
16	Dynamic prediction of jet grouted column diameter in soft soil using Bi-LSTM deep learning. Acta Geotechnica, 2021, 16, 303-315.	5.7	99
17	Mechanical, flameâ€retarding, and creepâ€recovery proprieties of ethyleneâ€“propyleneâ€“diene monomer enhanced with nanoâ€hydroxide for undersea tunnel sealing gasket. Journal of Applied Polymer Science, 2021, 138, 49946.	2.6	9
18	Discussion: Challenges of earth pressure balance tunnelling in weathered granite with boulders. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2021, 174, 91-95.	1.6	6

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19	Calculation of groundwater head distribution with a close barrier during excavation dewatering in confined aquifer. Geoscience Frontiers, 2021, 12, 791-803.	8.4	56
20	Investigation of Crack Control of Underground Concrete Structure with Expansive Additives. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	6
21	Assessment and management of lake eutrophication: A case study in Lake Erhai, China. Science of the Total Environment, 2021, 751, 141618.	8.0	167
22	Prediction of Disc Cutter Life During Shield Tunneling with AI via the Incorporation of a Genetic Algorithm into a GMDH-Type Neural Network. Engineering, 2021, 7, 238-251.	6.7	126
23	An analytical method for estimating horizontal transition probability matrix of coupled Markov chain for simulating geological uncertainty. Computers and Geotechnics, 2021, 129, 103871.	4.7	18
24	A diffusion model for backfill grout behind shield tunnel lining. International Journal for Numerical and Analytical Methods in Geomechanics, 2021, 45, 457-477.	3.3	25
25	Application of LSTM approach for modelling stressâ€“strain behaviour of soil. Applied Soft Computing Journal, 2021, 100, 106959.	7.2	86
26	Improved prediction of slope stability using a hybrid stacking ensemble method based on finite element analysis and field data. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 188-201.	8.1	119
27	The development of IFN-SPA: A new risk assessment method of urban water quality and its application in Shanghai. Journal of Cleaner Production, 2021, 282, 124542.	9.3	35
28	Optimum model for bearing capacity of concrete-steel columns with AI technology via incorporating the algorithms of IWO and ABC. Engineering With Computers, 2021, 37, 797-807.	6.1	43
29	Environmentally sustainable groundwater control during dewatering with barriers: A case study in Shanghai. Underground Space (China), 2021, 6, 12-23.	7.5	7
30	Risk assessment of geohazards along Cheng-Kun railway using fuzzy AHP incorporated into GIS. Geomatics, Natural Hazards and Risk, 2021, 12, 1508-1531.	4.3	47
31	Method for lake eutrophication levels evaluation: TOPSIS-MCS. MethodsX, 2021, 8, 101311.	1.6	2
32	Risk assessment and management of excavation system based on fuzzy set theory and machine learning methods. Automation in Construction, 2021, 122, 103490.	9.8	117
33	Automatic control of groundwater balance to combat dewatering during construction of a metro system. Automation in Construction, 2021, 123, 103536.	9.8	43
34	Evaluation of the hydrochemistry of groundwater at Jhelum Basin, Punjab, Pakistan. Environmental Earth Sciences, 2021, 80, 1.	2.7	14
35	Novel model for risk identification during karst excavation. Reliability Engineering and System Safety, 2021, 209, 107435.	8.9	52
36	Construction efficiency of shield tunnelling through soft deposit in Tianjin, China. Tunnelling and Underground Space Technology, 2021, 112, 103917.	6.2	31

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37	Comprehensive environmental impact evaluation for concrete mixing station (CMS) based on improved TOPSIS method. Sustainable Cities and Society, 2021, 69, 102838.	10.4	22
38	Data on performance and variation index for shield tunnelling through soft deposit. Data in Brief, 2021, 36, 107103.	1.0	8
39	Truncated hierarchical B-spline material point method for large deformation geotechnical problems. Computers and Geotechnics, 2021, 134, 104097.	4.7	12
40	Earthquake effects on civil engineering structures and perspective mitigation solutions: a review. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	11
41	Estimating unconfined compressive strength of unsaturated cemented soils using alternative evolutionary approaches. Transportation Geotechnics, 2021, 29, 100591.	4.5	27
42	Method for calculating cyclic load induced 1D and PVD unit cell consolidation deformations. Computers and Geotechnics, 2021, 136, 104243.	4.7	4
43	SChina20: A Stable Geodetic Reference Frame for Ground Movement and Structural Deformation Monitoring in South China. Journal of Surveying Engineering, - ASCE, 2021, 147, .	1.7	9
44	Non-linear spring model for backfill grout-consolidation behind shield tunnel lining. Computers and Geotechnics, 2021, 136, 104235.	4.7	16
45	Artificial neural network optimized by differential evolution for predicting diameters of jet grouted columns. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 1500-1512.	8.1	38
46	Modelling the performance of EPB shield tunnelling using machine and deep learning algorithms. Geoscience Frontiers, 2021, 12, 101177.	8.4	59
47	Modelling unsaturated soil-structure interfacial behavior by using DEM. Computers and Geotechnics, 2021, 137, 104305.	4.7	14
48	Numerical evaluation of the ground response induced by dewatering in a multi-aquifer system. Geoscience Frontiers, 2021, 12, 101209.	8.4	24
49	Investigation of Time-Dependent Characteristics of EPDM Rubber Gasket Used for Shield Tunnels. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	6
50	Measurement and prediction of tunnelling-induced ground settlement in karst region by using expanding deep learning method. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109700.	5.0	51
51	Ensemble model for risk status evaluation of excavation. Automation in Construction, 2021, 132, 103943.	9.8	14
52	Method for a new risk assessment of urban water quality: IFN-SPA. MethodsX, 2021, 8, 101237.	1.6	8
53	A multi-objective optimization algorithm for forecasting the compressive strength of RAC with pozzolanic materials. Journal of Cleaner Production, 2021, 327, 129355.	9.3	19
54	Variation of hydro-environment during past four decades with underground sponge city planning to control flash floods in Wuhan, China: An overview. Underground Space (China), 2020, 5, 184-198.	7.5	39

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55	Data in risk assessment of mega-city infrastructures related to land subsidence using improved trapezoidal FAHP. Data in Brief, 2020, 28, 105007.	1.0	4
56	Risk Assessment Using a New Consulting Process in Fuzzy AHP. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	3.8	180
57	Evaluation of soil liquefaction using AI technology incorporating a coupled ENN / t-SNE model. Soil Dynamics and Earthquake Engineering, 2020, 130, 105988.	3.8	77
58	Estimation of Bearing Capacity of Piles in Cohesionless Soil Using Optimised Machine Learning Approaches. Geotechnical and Geological Engineering, 2020, 38, 2271-2291.	1.7	70
59	Risk assessment of mega-city infrastructures related to land subsidence using improved trapezoidal FAHP. Science of the Total Environment, 2020, 717, 135310.	8.0	124
60	Approach based on TOPSIS and Monte Carlo simulation methods to evaluate lake eutrophication levels. Water Research, 2020, 187, 116437.	11.3	82
61	Distribution characteristics and utilization of shallow geothermal energy in China. Energy and Buildings, 2020, 229, 110479.	6.7	40
62	Experimental data of water swelling characteristics of polymer materials for tunnel sealing gasket. Data in Brief, 2020, 31, 106021.	1.0	3
63	Data on evolutionary hybrid neural network approach to predict shield tunneling-induced ground settlements. Data in Brief, 2020, 33, 106432.	1.0	5
64	Influence of different strain rates on hydro-mechanical behaviour of reconstituted unsaturated soil. Acta Geotechnica, 2020, 15, 3415-3431.	5.7	9
65	Investigation on inspection scheduling for the maintenance of tunnel with different degradation modes. Tunnelling and Underground Space Technology, 2020, 106, 103589.	6.2	29
66	Evolutionary hybrid neural network approach to predict shield tunneling-induced ground settlements. Tunnelling and Underground Space Technology, 2020, 106, 103594.	6.2	77
67	Data in intelligent approach for estimation of disc cutter life using hybrid metaheuristic algorithm. Data in Brief, 2020, 33, 106479.	1.0	4
68	A novel method to calculate pressure on the twin-tunnel in layered strata. MethodsX, 2020, 7, 101126.	1.6	2
69	Dynamic brittle fracture with eigenerosion enhanced material point method. International Journal for Numerical Methods in Engineering, 2020, 121, 3768-3794.	2.8	17
70	Risk Assessment of Earthquake-Triggered Geohazards Surrounding Wenchuan, China. Natural Hazards Review, 2020, 21, .	1.5	44
71	A micro-mechanical model for unsaturated soils based on DEM. Computer Methods in Applied Mechanics and Engineering, 2020, 368, 113183.	6.6	36
72	Experimental Evaluation of Aging Characteristics of EPDM as a Sealant for Undersea Shield Tunnels. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	32

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73	Calculation of pressure on the shallow-buried twin-tunnel in layered strata. Tunnelling and Underground Space Technology, 2020, 103, 103465.	6.2	43
74	Excess pore water pressure caused by the installation of jet grouting columns in clay. Computers and Geotechnics, 2020, 125, 103667.	4.7	63
75	Lessons Learnt from Bridge Collapse: A View of Sustainable Management. Sustainability, 2020, 12, 1205.	3.2	35
76	A deep-learning method for evaluating shaft resistance of the cast-in-site pile on reclaimed ground using field data. Journal of Zhejiang University: Science A, 2020, 21, 496-508.	2.4	8
77	Prediction Model of Shield Performance During Tunneling via Incorporating Improved Particle Swarm Optimization Into ANFIS. IEEE Access, 2020, 8, 39659-39671.	4.2	92
78	Inundation risk assessment of metro system using AHP and TFN-AHP in Shenzhen. Sustainable Cities and Society, 2020, 56, 102103.	10.4	194
79	Sustainable development and environmental restoration in Lake Erhai, China. Journal of Cleaner Production, 2020, 258, 120758.	9.3	61
80	Data on a coupled ENN / t-SNE model for soil liquefaction evaluation. Data in Brief, 2020, 29, 105125.	1.0	4
81	Geological environment problems during metro shield tunnelling in Shenzhen, China. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	20
82	Analyses of leakage effect of waterproof curtain during excavation dewatering. Journal of Hydrology, 2020, 583, 124582.	5.4	96
83	Behaviour of a PVD unit cell under vacuum pressure and a new method for consolidation analysis. Computers and Geotechnics, 2020, 120, 103415.	4.7	50
84	Three-dimensional numerical modelling on localised leakage in segmental lining of shield tunnels. Computers and Geotechnics, 2020, 122, 103549.	4.7	137
85	Laboratory data on long-term sealing behaviors of two water-swelling materials for shield tunnel gasket. Data in Brief, 2020, 30, 105609.	1.0	2
86	A three-dimensional fluid-solid coupled numerical modeling of the barrier leakage below the excavation surface due to dewatering. Hydrogeology Journal, 2020, 28, 1449-1463.	2.1	60
87	Real-Time Dynamic Earth-Pressure Regulation Model for Shield Tunneling by Integrating GRU Deep Learning Method With GA Optimization. IEEE Access, 2020, 8, 64310-64323.	4.2	52
88	Laboratory evaluation of long-term sealing behaviors of two water-swelling materials for shield tunnel gasket. Construction and Building Materials, 2020, 249, 118711.	7.2	23
89	Experimental investigation of water-swelling characteristics of polymer materials for tunnel sealing gasket. Construction and Building Materials, 2020, 256, 119473.	7.2	17
90	Experimental Evaluation of Strut-and-Tie Model of Anchorage Zone in Posttensioned Concrete Structures. Journal of Testing and Evaluation, 2020, 48, 20180883.	0.7	1

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91	Detection and Monitoring of Tunneling-Induced Riverbed Deformation Using GPS and BeiDou: A Case Study. Applied Sciences (Switzerland), 2019, 9, 2759.	2.5	20
92	Flood risk assessment of metro systems in a subsiding environment using the interval FAHP-FCA approach. Sustainable Cities and Society, 2019, 50, 101682.	10.4	107
93	Evaluation of optimized depth of waterproof curtain to mitigate negative impacts during dewatering. Journal of Hydrology, 2019, 577, 123969.	5.4	75
94	Foundation Pit Collapse on 8 June 2019 in Nanning, China: A Brief Report. Safety, 2019, 5, 68.	1.7	13
95	Environmentally sustainable groundwater control during dewatering with barriers: A case study in Shanghai. Underground Space (China), 2019, , .	7.5	1
96	Investigation on Performance of Neural Networks Using Quadratic Relative Error Cost Function. IEEE Access, 2019, 7, 106642-106652.	4.2	49
97	Land Subsidence Control Zone and Policy for the Environmental Protection of Shanghai. International Journal of Environmental Research and Public Health, 2019, 16, 2729.	2.6	25
98	A Brief Report of Pingdi Landslide (23 July 2019) in Guizhou Province, China. Geosciences (Switzerland), 2019, 9, 368.	2.2	8
99	New Policy and Implementation of Municipal Solid Waste Classification in Shanghai, China. International Journal of Environmental Research and Public Health, 2019, 16, 3099.	2.6	65
100	Analysis of Production Safety in the Construction Industry of China in 2018. Sustainability, 2019, 11, 4537.	3.2	25
101	Data in flood risk assessment of metro systems in a subsiding environment using the interval FAHPâ€“FCA approach. Data in Brief, 2019, 26, 104468.	1.0	15
102	Current Activity of the Long Point Fault in Houston, Texas Constrained by Continuous GPS Measurements (2013â€“2018). Remote Sensing, 2019, 11, 1213.	4.0	16
103	Experimental investigation on the blocking of groundwater seepage from a waterproof curtain during pumped dewatering in an excavation. Hydrogeology Journal, 2019, 27, 2659-2672.	2.1	85
104	Numerical simulation of spudcan-soil interaction using an improved smoothed particle hydrodynamics (SPH) method. Marine Structures, 2019, 66, 213-226.	3.8	11
105	A brief report on the March 21, 2019 explosions at a chemical factory in Xiangshui, China. Process Safety Progress, 2019, 38, e12060.	1.0	31
106	Dewateringâ€“Induced Building Settlement around a Deep Excavation in Soft Deposit in Tianjin, China. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, .	3.0	112
107	Enhancing discharge of spoil to mitigate disturbance induced by horizontal jet grouting in clayey soil: Theoretical model and application. Computers and Geotechnics, 2019, 111, 222-228.	4.7	103
108	Optimization of EPB Shield Performance with Adaptive Neuro-Fuzzy Inference System and Genetic Algorithm. Applied Sciences (Switzerland), 2019, 9, 780.	2.5	80

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109	Investigation of Landslides that Occurred in August on the Chengduâ€“Kunming Railway, Sichuan, China. Geosciences (Switzerland), 2019, 9, 497.	2.2	9
110	Strength of sandy and clayey soils cemented with single and double fluid jet grouting. Soils and Foundations, 2019, 59, 942-954.	3.1	22
111	Inundation analysis of metro systems with the storm water management model incorporated into a geographical information system: a case study in Shanghai. Hydrology and Earth System Sciences, 2019, 23, 4293-4307.	4.9	98
112	Perspectives for flood risk assessment and management for mega-city metro system. Tunnelling and Underground Space Technology, 2019, 84, 31-44.	6.2	207
113	Evaluation of foam conditioning effect on groundwater inflow at tunnel cutting face. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 463-481.	3.3	53
114	Investigation of the geological and hydrogeological environment with relation to metro system construction in Jinan, China. Bulletin of Engineering Geology and the Environment, 2019, 78, 1005-1024.	3.5	20
115	Investigation of a large ground collapse and countermeasures during mountain tunnelling in Hangzhou: a case study. Bulletin of Engineering Geology and the Environment, 2019, 78, 991-1003.	3.5	25
116	Effect of initial water content and pore water chemistry on intrinsic compression behavior. Marine Georesources and Geotechnology, 2019, 37, 417-423.	2.1	16
117	The use of tunnelling parameters and spoil characteristics to assess soil types: a case study from alluvial deposits at a pipejacking project site. Bulletin of Engineering Geology and the Environment, 2019, 78, 2933-2942.	3.5	43
118	Flood risk assessment in metro systems of mega-cities using a GIS-based modeling approach. Science of the Total Environment, 2018, 626, 1012-1025.	8.0	287
119	Durability against wetting-drying cycles for cement-stabilized reclaimed asphalt pavement blended with crushed rock. Soils and Foundations, 2018, 58, 333-343.	3.1	26
120	Cutter-disc consumption during earth pressure balance tunnelling in mixed strata. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2018, 171, 363-376.	1.6	47
121	NChina16: A stable geodetic reference frame for geological hazard studies in North China. Journal of Geodynamics, 2018, 115, 10-22.	1.6	20
122	Predicting Swelling Behavior of a Na+-Bentonite Used in GCLs. International Journal of Geosynthetics and Ground Engineering, 2018, 4, 1.	2.0	12
123	Tunneling induced geohazards in mylonitic rock faults with rich groundwater: A case study in Guangzhou. Tunnelling and Underground Space Technology, 2018, 74, 262-272.	6.2	76
124	Soil-tunnel interaction modelling for shield tunnels considering shearing dislocation in longitudinal joints. Tunnelling and Underground Space Technology, 2018, 78, 168-177.	6.2	155
125	Analysis of disc cutter failure in shield tunnelling using 3D circular cutting theory. Engineering Failure Analysis, 2018, 90, 23-35.	4.0	46
126	Recycled concrete aggregate/municipal glass blends as a low-carbon resource material for footpaths. Road Materials and Pavement Design, 2018, 19, 727-740.	4.0	21

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127	Low friction coefficient (approximately tan1Â°) of subaqueous debris flow in rotating flume tests and its mechanism. Bulletin of Engineering Geology and the Environment, 2018, 77, 931-939.	3.5	4
128	Optimization techniques for identifying soil parameters in geotechnical engineering: Comparative study and enhancement. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 70-94.	3.3	216
129	Analytical approach for timeâ€dependent groundwater inflow into shield tunnel face in confined aquifer. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 655-673.	3.3	94
130	Predicting the performance of embankments on PVD-improved subsoils. Computers and Geotechnics, 2018, 93, 222-231.	4.7	52
131	Evaluation of ground loss ratio with moving trajectories induced in double-O-tube (DOT) tunnelling. Canadian Geotechnical Journal, 2018, 55, 894-902.	2.8	75
132	Millimeter-Accuracy Structural Deformation Monitoring Using Stand-Alone GPS: Case Study in Beijing, China. Journal of Surveying Engineering, - ASCE, 2018, 144, .	1.7	19
133	Recent Advances in Horizontal Jet Grouting (HJG): An Overview. Arabian Journal for Science and Engineering, 2018, 43, 1543-1560.	3.0	40
134	High calcium fly ash geopolymer stabilized lateritic soil and granulated blast furnace slag blends as a pavement base material. Journal of Hazardous Materials, 2018, 341, 257-267.	12.4	215
135	Investigation into performance of deep excavation in sand covered karst: A case report. Soils and Foundations, 2018, 58, 1042-1058.	3.1	49
136	Discussion: Cutter-disc consumption during earth pressure balance tunnelling in mixed strata. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2018, 171, 559-561.	1.6	3
137	Assessment of Social-Economic Risk of Chinese Dual Land Use System Using Fuzzy AHP. Sustainability, 2018, 10, 2451.	3.2	26
138	Material properties of the seal gasket for shield tunnels: A review. Construction and Building Materials, 2018, 191, 877-890.	7.2	43
139	Geological and hydrogeological environment with geohazards during underground construction in Hangzhou: a review. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	26
140	Investigation of Ground Displacement Induced by Hydraulic Jetting Using Smoothed Particle Hydrodynamics. , 2018, , 68-75.		0
141	Geological and hydrogeological environment in Tianjin with potential geohazards and groundwater control during excavation. Environmental Earth Sciences, 2018, 77, 1.	2.7	57
142	Simple Method to Predict Ground Displacements Caused by Installing Horizontal Jet-Grouting Columns. Mathematical Problems in Engineering, 2018, 2018, 1-11.	1.1	42
143	Design of sponge city: Lessons learnt from an ancient drainage system in Ganzhou, China. Journal of Hydrology, 2018, 563, 900-908.	5.4	92
144	Hydraulic Properties of Polymerized Bentonites. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	15

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145	Investigation on fatal accidents in Chinese construction industry between 2004 and 2016. Natural Hazards, 2018, 94, 655-670.	3.4	14
146	Prediction of Ground Deformation during Pipe-Jacking Considering Multiple Factors. Applied Sciences (Switzerland), 2018, 8, 1051.	2.5	30
147	Assessment of Geohazards and Preventative Countermeasures Using AHP Incorporated with GIS in Lanzhou, China. Sustainability, 2018, 10, 304.	3.2	109
148	Prediction Model of TBM Disc Cutter Wear During Tunnelling in Heterogeneous Ground. Rock Mechanics and Rock Engineering, 2018, 51, 3599-3611.	5.4	94
149	Prediction of lateral continuous wear of cutter ring in soft ground with quartz sand. Computers and Geotechnics, 2018, 103, 86-92.	4.7	24
150	Mechanism of tunneling-induced cave-in of a busy road in Fukuoka city, Japan. Underground Space (China), 2018, 3, 140-149.	7.5	14
151	Investigation of Collapsed Building Incidents on Soft Marine Deposit: Both from Social and Technical Perspectives. Land, 2018, 7, 20.	2.9	16
152	Soil Characterisation Based on Pipejacking Parameters and Spoil Characteristics. Springer Series in Geomechanics and Geoengineering, 2018, , 910-914.	0.1	0
153	Modeling of Permeation and Fracturing Grouting in Sand: Laboratory Investigations. Journal of Testing and Evaluation, 2018, 46, 2067-2082.	0.7	37
154	Cutter Ring Breakage Induced by Unbalanced Side Force in Circular Cutting Process. , 2018, , 674-681.		0
155	Scenario-Based Inundation Analysis of Metro System in Urban Area of Shanghai. , 2018, , 15-22.		2
156	Numerical and sensitivity analysis of Bearing Reinforcement Earth (BRE) wall. KSCE Journal of Civil Engineering, 2017, 21, 195-208.	1.9	4
157	Centrifuge evaluation of the influential factors in the uplift capacity of suction foundations in clay. Marine Georesources and Geotechnology, 2017, 35, 456-465.	2.1	10
158	Investigation of hydraulic parameters of a weathered mylonite fault from field pumping tests: A case study. Bulletin of Engineering Geology and the Environment, 2017, 76, 1431-1448.	3.5	16
159	Estimation of lateral displacement induced by jet grouting in clayey soils. Geotechnique, 2017, 67, 621-630.	4.0	197
160	Investigation and improvement of strut-and-tie model for design of end anchorage zone in post-tensioned concrete structure. Construction and Building Materials, 2017, 136, 482-494.	7.2	18
161	Platform collapse incident of a power plant in Jiangxi, China. Natural Hazards, 2017, 87, 1259-1265.	3.4	14
162	Holocene Deposits in Saga Plain: Leaching Mechanism and Soil Sensitivity. Geotechnical and Geological Engineering, 2017, 35, 2107-2122.	1.7	2

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163	Compressive strength and microstructural properties of spent coffee grounds-bagasse ash based geopolymers with slag supplements. Journal of Cleaner Production, 2017, 162, 1491-1501.	9.3	60
164	Risk and impacts on the environment of free-phase biogas in quaternary deposits along the Coastal Region of Shanghai. Ocean Engineering, 2017, 137, 129-137.	4.3	51
165	Characteristics of clay deposits in Saga Plain, Japan. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2017, 170, 548-558.	1.6	17
166	Semi-analytical solution to pumping test data with barrier, wellbore storage, and partial penetration effects. Engineering Geology, 2017, 226, 44-51.	6.3	94
167	Calculation of head difference at two sides of a cut-off barrier during excavation dewatering. Computers and Geotechnics, 2017, 91, 192-202.	4.7	136
168	Identification of Tunnel Settlement Caused by Land Subsidence in Soft Deposit of Shanghai. Journal of Performance of Constructed Facilities, 2017, 31, .	2.0	139
169	Estimation of critical state-related formula in advanced constitutive modeling of granular material. Acta Geotechnica, 2017, 12, 1329-1351.	5.7	84
170	Tornado hazards on June 23 in Jiangsu Province, China: preliminary investigation and analysis. Natural Hazards, 2017, 85, 597-604.	3.4	59
171	Experimental Evidence on the Strength of Soil Treated with Single and Double Fluid Jet Grouting. , 2017, , .		5
172	Investigation into factors affecting jacking force: a case study. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2017, 170, 322-334.	1.6	77
173	Evaluation of the uplift behavior of plate anchor in structured marine clay. Marine Georesources and Geotechnology, 2017, 35, 758-768.	2.1	18
174	Marginal Lateritic Soil Stabilized with Calcium Carbide Residue and Fly Ash Geopolymers as a Sustainable Pavement Base Material. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	88
175	An efficient optimization method for identifying parameters of soft structured clay by an enhanced genetic algorithm and elasticâ€“viscoplastic model. Acta Geotechnica, 2017, 12, 849-867.	5.7	156
176	Geotechnical characteristics of weathered granitic gneiss with geo-hazards investigation of pit excavation in Guangzhou, China. Bulletin of Engineering Geology and the Environment, 2017, 76, 681-694.	3.5	9
177	Experimental and Analytical Modeling of Shield Segment under Cyclic Loading. International Journal of Geomechanics, 2017, 17, .	2.7	70
178	A new hybrid real-coded genetic algorithm and its application to parameters identification of soils. Inverse Problems in Science and Engineering, 2017, 25, 1343-1366.	1.2	63
179	Fractal Prediction of Grouting Volume for Treating Karst Caverns along a Shield Tunneling Alignment. Applied Sciences (Switzerland), 2017, 7, 652.	2.5	18
180	Evaluation of Environmental Risk Due to Metro System Construction in Jinan, China. International Journal of Environmental Research and Public Health, 2017, 14, 1114.	2.6	15

#	Article	IF	Citations
181	Nanoindentation Characterization of a Ternary Clay-Based Composite Used in Ancient Chinese Construction. Materials, 2016, 9, 866.	2.9	14
182	Analysis of Factors in Land Subsidence in Shanghai: A View Based on a Strategic Environmental Assessment. Sustainability, 2016, 8, 573.	3.2	124
183	Analysis and GIS Mapping of Flooding Hazards on 10 May 2016, Guangzhou, China. Water (Switzerland), 2016, 8, 447.	2.7	75
184	Micromechanical Properties of Nanostructured Clay-Oxide Multilayers Synthesized by Layer-by-Layer Self-Assembly. Nanomaterials, 2016, 6, 204.	4.1	9
185	Characteristics of dewatering induced drawdown curve under blocking effect of retaining wall in aquifer. Journal of Hydrology, 2016, 539, 554-566.	5.4	161
186	Timoshenko beam solution for the response of existing tunnels because of tunneling underneath. International Journal for Numerical and Analytical Methods in Geomechanics, 2016, 40, 766-784.	3.3	55
187	Selection of sand models and identification of parameters using an enhanced genetic algorithm. International Journal for Numerical and Analytical Methods in Geomechanics, 2016, 40, 1219-1240.	3.3	116
188	Evolutionary polynomial regression based modelling of clay compressibility using an enhanced hybrid real-coded genetic algorithm. Engineering Geology, 2016, 210, 158-167.	6.3	52
189	Concrete wedge and coarse sand coating shear connection system in GFRP concrete composite deck. Construction and Building Materials, 2016, 114, 650-655.	7.2	14
190	Enhancing behavior of large volume underground concrete structure using expansive agents. Construction and Building Materials, 2016, 114, 49-55.	7.2	45
191	Strength assessment of spent coffee grounds-geopolymer cement utilizing slag and fly ash precursors. Construction and Building Materials, 2016, 115, 565-575.	7.2	86
192	Geohazards induced by anthropic activities of geoconstruction: a review of recent failure cases. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	27
193	Predicting self-healing ratio of GCL with a damage hole. Geotextiles and Geomembranes, 2016, 44, 761-769.	4.6	30
194	Automatic pressure-control equipment for horizontal jet-grouting. Automation in Construction, 2016, 69, 11-20.	9.8	20
195	Investigation into pluvial flooding hazards caused by heavy rain and protection measures in Shanghai, China. Natural Hazards, 2016, 83, 1301-1320.	3.4	24
196	Geological formation and geo-hazards during subway construction in Guangzhou. Environmental Earth Sciences, 2016, 75, 1.	2.7	56
197	Pullout resistance of bearing reinforcement embedded in marginal lateritic soil at molding water contents. Geotextiles and Geomembranes, 2016, 44, 475-483.	4.6	13
198	Ground fissures in Xiâ€™an and measures to prevent damage to the Metro tunnel system due to geohazards. Environmental Earth Sciences, 2016, 75, 1.	2.7	41

#	Article	IF	Citations
199	An efficient parameter identification procedure for soft sensitive clays. Journal of Zhejiang University: Science A, 2016, 17, 76-88.	2.4	15
200	Protection of neighbour buildings due to construction of shield tunnel in mixed ground with sand over weathered granite. Environmental Earth Sciences, 2016, 75, 1.	2.7	30
201	Ground Response to Multiple Parallel Microtunneling Operations in Cemented Silty Clay and Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2016, 142, .	3.0	145
202	Investigation into MOGA for identifying parameters of a critical-state-based sand model and parameters correlation by factor analysis. Acta Geotechnica, 2016, 11, 1131-1145.	5.7	74
203	Stabilisation of marginal lateritic soil using high calcium fly ash-based geopolymer. Road Materials and Pavement Design, 2016, 17, 877-891.	4.0	144
204	Structural Responses of Existing Metro Stations to Adjacent Deep Excavations in Suzhou, China. Journal of Performance of Constructed Facilities, 2016, 30, .	2.0	41
205	Nonlinearity of one-dimensional creep characteristics of soft clays. Acta Geotechnica, 2016, 11, 887-900.	5.7	75
206	Evaluation of Effective Depth of PVD Improvement in Soft Clay Deposit: A Field Case Study. Marine Georesources and Geotechnology, 2016, 34, 420-430.	2.1	40
207	Pore pressures induced by piezocone penetration. Canadian Geotechnical Journal, 2016, 53, 540-550.	2.8	10
208	Geological difficulties and countermeasures for socket diaphragm walls in weathered granite in Shenzhen, China. Bulletin of Engineering Geology and the Environment, 2016, 75, 263-273.	3.5	22
209	Effect of strength decrease of rock on the displacement of Tangjiashan Landslide in 2008 Wenchuan Earthquake, China. Japanese Geotechnical Society Special Publication, 2016, 2, 2596-2599.	0.2	1
210	Engineering properties of lightweight cellular cemented clayâ^'fly ash material. Soils and Foundations, 2015, 55, 471-483.	3.1	32
211	Evaluation of train-load-induced settlement in metro tunnels. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2015, 168, 396-406.	1.6	35
212	Numerical Investigation of the Undrained Compression and Pull-Out Capacity of Suction Foundations in Clay. Polish Maritime Research, 2015, 22, 126-135.	1.9	9
213	Behaviour of multi-aquifer system during pumping test. Japanese Geotechnical Society Special Publication, 2015, 1, 15-18.	0.2	1
214	Longitudinal deformation pattern of shield tunnel structure and analytical models: a review. Japanese Geotechnical Society Special Publication, 2015, 1, 1-4.	0.2	2
215	Evaluation of Interface Shear Strength Properties of Geogrid Reinforced Foamed Recycled Glass Using a Large-Scale Direct Shear Testing Apparatus. Advances in Materials Science and Engineering, 2015, 2015, 1-8.	1.8	19
216	Geo-Treatments in Constructing a Tunnel in Karst Strata: Lessons Learned from a Subway Project in Guangzhou, China. , 2015, , .		0

#	Article	IF	Citations
217	Rapid field evaluation of the strength of cement-stabilized clayey soil. Bulletin of Engineering Geology and the Environment, 2015, 74, 991-999.	3.5	24
218	Evaluation of train-load-induced settlement in metro tunnels. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2015, 168, 396-406.	1.6	10
219	Field performance of concrete pipes during jacking in cemented sandy silt. Tunnelling and Underground Space Technology, 2015, 49, 336-344.	6.2	56
220	Effect of MGO additive on preventing leakage of Cr(VI). International Journal of Environment and Waste Management, 2015, 15, 1.	0.3	1
221	Durability against wettingâ€“drying cycles of sustainable Lightweight Cellular Cemented construction material comprising clay and fly ash wastes. Construction and Building Materials, 2015, 77, 41-49.	7.2	68
222	Effect of fine content on the pullout resistance mechanism of bearing reinforcement embedded in cohesiveâ€“frictional soils. Geotextiles and Geomembranes, 2015, 43, 107-117.	4.6	52
223	Chinese karst geology and measures to prevent geohazards during shield tunnelling in karst region with caves. Natural Hazards, 2015, 77, 129-152.	3.4	116
224	Characteristics of groundwater seepage with cut-off wall in gravel aquifer. II: Numerical analysis. Canadian Geotechnical Journal, 2015, 52, 1539-1549.	2.8	99
225	Characteristics of groundwater seepage with cut-off wall in gravel aquifer. I: Field observations. Canadian Geotechnical Journal, 2015, 52, 1526-1538.	2.8	105
226	Mitigation of geohazards during deep excavations in karst regions with caverns: A case study. Engineering Geology, 2015, 195, 16-27.	6.3	56
227	Environmental protection using dewatering technology in a deep confined aquifer beneath a shallow aquifer. Engineering Geology, 2015, 196, 59-70.	6.3	60
228	Lessons learnt from unusual ground settlement during Double-O-Tube tunnelling in soft ground. Tunnelling and Underground Space Technology, 2015, 49, 79-91.	6.2	56
229	Investigation into subsidence hazards due to groundwater pumping from Aquifer II in Changzhou, China. Natural Hazards, 2015, 78, 281-296.	3.4	46
230	Hydrogeochemical environment of aquifer groundwater in Shanghai and potential hazards to underground infrastructures. Natural Hazards, 2015, 78, 753-774.	3.4	30
231	Evaluation of hydraulic parameters from pumping tests in multi-aquifers with vertical leakage in Tianjin. Computers and Geotechnics, 2015, 68, 196-207.	4.7	108
232	Evaluation of effect of basal geotextile reinforcement under embankment loading on soft marine deposits. Geotextiles and Geomembranes, 2015, 43, 506-514.	4.6	93
233	Analytical Approaches of the Long-Term Behavior of a Shield Tunnel in Soft Deposit Due to Groundwater Leakage: A Review. , 2015, , .		3
234	Longitudinal structural modelling of shield tunnels considering shearing dislocation between segmental rings. Tunnelling and Underground Space Technology, 2015, 50, 317-323.	6.2	260

#	Article	IF	Citations
235	Laboratory evaluation on the effectiveness of polypropylene fibers on the strength of fiber-reinforced and cement-stabilized Shanghai soft clay. Geotextiles and Geomembranes, 2015, 43, 515-523.	4.6	144
236	Evaluation of hydraulic conductivity for both marine and deltaic deposits based on piezocone testing. Ocean Engineering, 2015, 110, 174-182.	4.3	104
237	Deformation behaviour of clay under repeated one-dimensional unloadingâ€“reloading. Canadian Geotechnical Journal, 2015, 52, 1035-1044.	2.8	13
238	Evaluation of the Strength Increase of Marine Clay under Staged Embankment Loading: A Case Study. Marine Georesources and Geotechnology, 2015, 33, 532-541.	2.1	101
239	Mining-induced geo-hazards with environmental protection measures in Yunnan, China: an overview. Bulletin of Engineering Geology and the Environment, 2015, 74, 141-150.	3.5	36
240	Construction measures to prevent hazards in karst cave ground under soft sand strata. Japanese Geotechnical Society Special Publication, 2015, 1, 52-55.	0.2	2
241	Factors Influencing the Longitudinal Deformation of a Metro Tunnel in Soft Deposit: An Overview. , 2015, , .		0
242	Current State of the Art in Jet Grouting for Stabilizing Soft Soil. , 2014, , .		6
243	Evaluation of the blocking effect of retaining walls on groundwater seepage in aquifers with different insertion depths. Engineering Geology, 2014, 183, 254-264.	6.3	118
244	Analysis on Environmental Impact of Deep Excavation in Shenzhen, China. , 2014, , .		4
245	Prediction of lateral displacement of soil behind the reaction wall caused by pipe jacking operation. Tunnelling and Underground Space Technology, 2014, 40, 210-217.	6.2	20
246	Impact of laver treatment practices on the geoenvironmental properties of sediments in the Ariake Sea. Marine Pollution Bulletin, 2014, 81, 41-48.	5.0	7
247	Evaluation of the hydraulic conductivity of aquifers with piles. Hydrogeology Journal, 2014, 22, 371-382.	2.1	70
248	Factors influencing unit weight and strength of lightweight cemented clay. Quarterly Journal of Engineering Geology and Hydrogeology, 2014, 47, 101-109.	1.4	24
249	Cone penetration-induced pore pressure distribution and dissipation. Computers and Geotechnics, 2014, 57, 105-113.	4.7	18
250	Numerical investigation of the failure of a building in Shanghai, China. Computers and Geotechnics, 2014, 55, 482-493.	4.7	69
251	Centrifuge investigation into the effect of new shield tunnelling on an existing underlying large-diameter tunnel. Tunnelling and Underground Space Technology, 2014, 42, 59-66.	6.2	69
252	Assessment of internal forces for intermediate anchorage zone of post-tensioned concrete structure. Construction and Building Materials, 2014, 64, 370-378.	7.2	22

#	Article	IF	Citations
253	Long-term settlement behaviour of metro tunnels in the soft deposits of Shanghai. Tunnelling and Underground Space Technology, 2014, 40, 309-323.	6.2	484
254	Jet grouting for mitigation of installation disturbance. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2014, 167, 526-536.	1.6	42
255	Closed-form solution for shear lag with derived flange deformation function. Journal of Constructional Steel Research, 2014, 102, 104-110.	3.9	14
256	Consolidation analysis of clayey deposits under vacuum pressure with horizontal drains. Geotextiles and Geomembranes, 2014, 42, 437-444.	4.6	67
257	Leaking behavior of shield tunnels under the Huangpu River of Shanghai with induced hazards. Natural Hazards, 2014, 70, 1115-1132.	3.4	120
258	Environmental impacts caused by phosphate mining and ecological restoration: a case history in Kunming, China. Natural Hazards, 2014, 74, 755-770.	3.4	21
259	Evaluation of allowable withdrawn volume of groundwater based on observed data. Natural Hazards, 2013, 67, 513-522.	3.4	35
260	Modelling the cutoff behavior of underground structure in multi-aquifer-aquitard groundwater system. Natural Hazards, 2013, 66, 731-748.	3.4	84
261	Investigation of field-installation effects of horizontal twin-jet grouting in Shanghai soft soil deposits. Canadian Geotechnical Journal, 2013, 50, 288-297.	2.8	127
262	Generalized Approach for Prediction of Jet Grout Column Diameter. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2013, 139, 2060-2069.	3.0	236
263	An Approach to Evaluate Hydraulic Conductivity of Soil Based on CPTU Test. Marine Georesources and Geotechnology, 2013, 31, 242-253.	2.1	13
264	A field trial of horizontal jet grouting using the composite-pipe method in the soft deposits of Shanghai. Tunnelling and Underground Space Technology, 2013, 35, 142-151.	6.2	129
265	Factors influencing strength development in clayâ€“fly ash geopolymer. Construction and Building Materials, 2013, 47, 1125-1136.	7.2	169
266	Strength development in clayâ€“fly ash geopolymer. Construction and Building Materials, 2013, 40, 566-574.	7.2	300
267	Jet grouting with a newly developed technology: The Twin-Jet method. Engineering Geology, 2013, 152, 87-95.	6.3	167
268	Engineering properties of recycled Calcium Carbide Residue stabilized clay as fill and pavement materials. Construction and Building Materials, 2013, 46, 203-210.	7.2	85
269	A numerical approach for predicting shakedown limit in ratcheting behavior of materials. Materials & Design, 2013, 47, 106-114.	5.1	24
270	Modelling prefabricated vertical drain improved ground in plane strain analysis. Proceedings of the Institution of Civil Engineers: Ground Improvement, 2013, 166, 65-77.	1.0	25

#	Article	IF	Citations
271	Interpretation of increased deformation rate in aquifer IV due to groundwater pumping in Shanghai. Canadian Geotechnical Journal, 2013, 50, 1129-1142.	2.8	144
272	Estimation of the Diameter of Jet-Grouted Column Based on Turbulent Kinematic Flow Theory. , 2012, , .		21
273	Analysis of urbanisation-induced land subsidence in Shanghai. Natural Hazards, 2012, 63, 1255-1267.	3.4	134
274	Numerical Modeling of Laterally Loaded Pile Groups in Soft Clay Improved by Jet Grouting. , 2012, , .		11
275	Evaluation of land subsidence by considering underground structures that penetrate the aquifers of Shanghai, China. Hydrogeology Journal, 2012, 20, 1623-1634.	2.1	107
276	Experimental investigation of influence of acid rain on leaching and hydraulic characteristics of cement-based solidified/stabilized lead contaminated clay. Journal of Hazardous Materials, 2012, 225-226, 195-201.	12.4	130
277	A Ten-Year Review on the Development of Soil Mixing Technologies in China. , 2012, , .		6
278	Field performance of underground structures during shield tunnel construction. Tunnelling and Underground Space Technology, 2012, 28, 272-277.	6.2	32
279	Numerical evaluation of land subsidence induced by groundwater pumping in Shanghai. Canadian Geotechnical Journal, 2011, 48, 1378-1392.	2.8	318
280	An Innovative Technology to Control Groundwater during Excavation over Confined Aquifer. , 2011, , .		0
281	A design approach for the interior anchorage zone of post-tensioned concrete structure. KSCE Journal of Civil Engineering, 2011, 15, 487-495.	1.9	16
282	Long-term settlement behavior of ground around shield tunnel due to leakage of water in soft deposit of Shanghai. Frontiers of Architecture and Civil Engineering in China, 2011, 5, 194-198.	0.4	28
283	Field Evaluation on the Strength Increase of Marine Clay under Staged Construction of Embankment. Marine Georesources and Geotechnology, 2011, 29, 317-332.	2.1	20
284	An Innovative Technology of Horizontal Jet Grouting with Less Impact on Surroundings. , 2011, , .		2
285	Application of strut-and-tie model for design of interior anchorage zone in post-tensioned concrete structure. Journal of Shanghai Jiaotong University (Science), 2010, 15, 273-278.	0.9	1
286	Influence of material properties on analysis and design of pavements using shakedown theory. Journal of Shanghai Jiaotong University (Science), 2010, 15, 329-333.	0.9	3
287	Application of fuzzy analytic hierarchy process model on determination of optimized pile-type. Frontiers of Architecture and Civil Engineering in China, 2010, 4, 252-257.	0.4	6
288	Vacuum-drain consolidation induced pressure distribution and ground deformation. Geotextiles and Geomembranes, 2010, 28, 525-535.	4.6	81

#	Article	IF	Citations
289	Evaluation of the effect of rolling correction of double-o-tunnel shields via one-side loading. Canadian Geotechnical Journal, 2010, 47, 1060-1070.	2.8	58
290	Identification of Soil Stratigraphy of Soft Deposit in Shanghai from CPTU Test. , 2010, , .		5
291	Mitigation of levee failures using deep mixed columns and geosynthetics. Geomechanics and Geoengineering, 2010, 5, 49-55.	1.8	14
292	Shakedown analysis of layered pavement under traffic load. , 2010, , 1173-1176.		0
293	Improvement Efficacy of RJP Method in Shanghai Soft Deposit. , 2009, , .		8
294	Geo-hazards with characteristics and prevention measures along the coastal regions of China. Natural Hazards, 2009, 49, 479-500.	3.4	20
295	Contaminant mitigating performance of Chinese standard municipal solid waste landfill liner systems. Geotextiles and Geomembranes, 2009, 27, 232-239.	4.6	54
296	Analysis of the behavior of DOT tunnel lining caused by rolling correction operation. Tunnelling and Underground Space Technology, 2009, 24, 84-90.	6.2	54
297	Geological and hydrogeological environment in Shanghai with geohazards to construction and maintenance of infrastructures. Engineering Geology, 2009, 109, 241-254.	6.3	156
298	The state of land subsidence and prediction approaches due to groundwater withdrawal in China. Natural Hazards, 2008, 45, 123-135.	3.4	146
299	Analysis of shearing effect on tunnel induced by load transfer along longitudinal direction. Tunnelling and Underground Space Technology, 2008, 23, 421-430.	6.2	153
300	Stability of Levees over Soft Soil Improved by Deep Mixing Technology. , 2008, , .		2
301	Deep Mixing Induced Property Changes in Surrounding Sensitive Marine Clays. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 845-854.	3.0	136
302	An Approach to Estimate the Optimum Depth of Floating Type Columns for Embankment Stability. , 2008, , .		0
303	Loss of soil structure for natural sedimentary clays. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2007, 160, 153-159.	1.6	22
304	Reducing differential settlements of approach embankments. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2007, 160, 215-226.	1.6	5
305	Comparison in Undrained Shear Strength between Undisturbed and Remolded Ariake Clays. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2006, 132, 272-275.	3.0	48
306	Estimation of Land Subsidence Based on Groundwater Flow Model. Marine Georesources and Geotechnology, 2006, 24, 149-167.	2.1	45

#	Article	IF	Citations
307	Experimental Study on Behavior of Pile Foundation in Lacustrine Deposits Area. , 2006, , 234.		0
308	Direction Deviation Control During Double-O-Tube (DOT) Tunnel Construction. , 2006, , 185.		4
309	Analysis of Settlement Due to Withdrawal of Groundwater Around an Unexcavated Foundation Pit. , 2006, , 377.		6
310	Analysis of the Diameter of Deep Mixed Column. , 2006, , 17.		1
311	State-of-the-Art of Land Subsidence Prediction due to Groundwater Withdrawal in China. , 2006, , 58.		5
312	Analysis of field performance of embankments on soft clay deposit with and without PVD-improvement. Geotextiles and Geomembranes, 2005, 23, 463-485.	4.6	148
313	Evaluation of a Dike Damaged by Pile Driving in Soft Clay. Journal of Performance of Constructed Facilities, 2005, 19, 300-307.	2.0	15
314	Numerical Analysis of Embankment Stability over Deep Mixed Foundations. , 2004, , 1385.		6
315	Evaluation of Deep-Seated Slope Stability of Embankments over Deep Mixed Foundations. , 2004, , 945.		14
316	Simulation of the compression and flow process in a rock joint by using GIS. International Journal of Rock Mechanics and Minings Sciences, 2004, 41, 366-371.	5.8	2
317	Land subsidence due to groundwater drawdown in Shanghai. Geotechnique, 2004, 54, 143-147.	4.0	194
318	Laboratory Evaluation of Mixing Energy Consumption and Its Influence on Soil-Cement Strength. Transportation Research Record, 2004, 1868, 23-30.	1.9	7
319	Interaction mechanism between deep mixing column and surrounding clay during installation. Canadian Geotechnical Journal, 2003, 40, 293-307.	2.8	74
320	Laboratory Studies on Property Changes in Surrounding Clays Due to Installation of Deep Mixing Columns. Marine Georesources and Geotechnology, 2003, 21, 15-35.	2.1	37
321	Evaluation of Property Changes in Surrounding Clays due to Installation of Deep Mixing Columns. , 2003, , 634.		11
322	Performance of embankments with and without reinforcement on soft subsoil. Canadian Geotechnical Journal, 2002, 39, 838-848.	2.8	81
323	Simple Method of Modeling PVD-Improved Subsoil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2001, 127, 965-972.	3.0	160
324	Soil Fracturing of the Surrounding Clay during Deep Mixing Column Installation. Soils and Foundations, 1999, 39, 13-22.	3.1	24

#	Article	IF	Citations
325	STRENGTH CHANGE OF CLAY IN THE VICINITY OF SOIL-CEMENT COLUMN. Doboku Gakkai Ronbunshu, 1998, 1998, 209-221.	0.2	2
326	The rating mode of eutrophication in Dalinuoer Lake. IOP Conference Series: Earth and Environmental Science, 0, 185, 012033.	0.3	2
327	Challenges of earth-pressure-balance tunnelling in weathered granite with boulders. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 0, , 1-37.	1.6	8
328	Investigation of alternative mechanisms of aquifer-system compaction and land subsidence in Shanghai. Proceedings of the International Association of Hydrological Sciences, 0, 372, 13-15.	1.0	2
329	Rapid Land Subsidence in Tianjin, China Derived from Continuous GPS Observations (2010â€“2019). Proceedings of the International Association of Hydrological Sciences, 0, 382, 241-247.	1.0	7
330	Research on the deformation of a confined aquifer based on Cosserat continuum mechanics. Proceedings of the International Association of Hydrological Sciences, 0, 372, 399-401.	1.0	0
331	Geological Disasters and Mitigation Measures along the Coastal Cities of China. , 0, , 762-767.		0