

Yun-Min Chen

List of Publications by Year in descending order

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193
papers

4,315
citations

94381

37
h-index

168321

53
g-index

201
all docs

201
docs citations

201
times ranked

2134
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrifuge modelling of wave-induced seabed response in clay. <i>Geotechnique</i> , 2024, 74, 103-115.	2.2	3
2	Multicomponent landfill gas transport in soil cover: column tests and numerical modelling. <i>Environmental Geotechnics</i> , 2023, 10, 3-18.	1.3	5
3	Mud pumping in the roadbed of ballastless high-speed railway. <i>Geotechnique</i> , 2023, 73, 614-628.	2.2	9
4	Instability of municipal solid waste along the constant deviatoric stress path and its engineering significance. <i>Geotechnique</i> , 2022, 72, 1025-1034.	2.2	1
5	Soil heavy metal pollution of industrial legacies in China and health risk assessment. <i>Science of the Total Environment</i> , 2022, 816, 151632.	3.9	82
6	Modeling of solute transport in a fracture-matrix system with a three-dimensional discrete fracture network. <i>Journal of Hydrology</i> , 2022, 605, 127333.	2.3	14
7	Cyclic settlement of ballast layer due to train passages at high speed and its reduction by asphalt trackbed. <i>Construction and Building Materials</i> , 2022, 318, 125956.	3.2	2
8	Investigations into the Critical Speeds in Ballasted and Ballastless Track. <i>Lecture Notes in Civil Engineering</i> , 2022, , 473-481.	0.3	0
9	Discrete element modeling of shear wave propagation in carbonate precipitate-cemented particles. <i>Acta Geotechnica</i> , 2022, 17, 2633-2649.	2.9	3
10	The Migration and Deposition Behaviors of Montmorillonite and Kaolinite Particles in a Two-Dimensional Micromodel. <i>Materials</i> , 2022, 15, 855.	1.3	6
11	Analytical solution for one-dimensional steady-state contaminant transport through a geomembrane layer (GMBL)/compacted clay layer (CCL)/attenuation layer (AL) composite liner considering consolidation. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2022, 46, 1046-1063.	1.7	10
12	Measurement of contaminant adsorption on soils using cycling modified column tests. <i>Chemosphere</i> , 2022, 294, 133822.	4.2	8
13	Classification and quantification of excavated soil and construction sludge: A case study in Wenzhou, China. <i>Frontiers of Structural and Civil Engineering</i> , 2022, 16, 202-213.	1.2	7
14	Numerical model for static chamber measurement of multi-component landfill gas emissions and its application. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74225-74241.	2.7	5
15	Effects of multiscale heterogeneity on transport in three-dimensional fractured porous rock with a rough-walled fracture network. <i>Computers and Geotechnics</i> , 2022, 148, 104836.	2.3	5
16	Nonlinear consolidation of multilayer soil under cyclic loadings. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 1042-1064.	1.0	5
17	The 2015 Shenzhen catastrophic landslide in a construction waste dump: analyses of undrained strength and slope stability. <i>Acta Geotechnica</i> , 2021, 16, 1247-1263.	2.9	21
18	Computer vision-based monitoring of the 3D structural deformation of an ancient structure induced by shield tunneling construction. <i>Structural Control and Health Monitoring</i> , 2021, 28, e2702.	1.9	10

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19	Construction of soil-water characteristic curve of granular materials with toroidal model and artificially generated packings. <i>Acta Geotechnica</i> , 2021, 16, 1949-1960.	2.9	7
20	Experimental study on cyclic settlement of piles in silt soil and its application in high-speed railway design. <i>Transportation Geotechnics</i> , 2021, 27, 100496.	2.0	13
21	Theoretical Investigation into Thermo-Osmosis and Thermofiltration Effects on Hydromechanical Behavior of Saturated Soils. <i>Journal of Engineering Mechanics - ASCE</i> , 2021, 147, 04021005.	1.6	3
22	Protective effect of partition excavations of a large-deep foundation pit on adjacent tunnels in soft soils: a case study. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 5693-5707.	1.6	19
23	Pile foundation of high-speed railway undergoing repeated groundwater reductions. <i>Journal of Zhejiang University: Science A</i> , 2021, 22, 277-295.	1.3	4
24	Detection of ionic contaminants in unsaturated soils using time domain reflectometry penetrometer. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	3
25	Centrifuge model tests at Zhejiang University for LEAP-Asia-2019 and validation of the generalized scaling law. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 144, 106660.	1.9	7
26	An Aerobic Degradation Model for Landfilled Municipal Solid Waste. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7557.	1.3	5
27	The Influence of Discrete Fibers on Mechanical Responses of Reinforced Sand in Direct Shear Tests. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8845.	1.3	2
28	Liquefaction mitigation mechanisms of stone column-improved ground by dynamic centrifuge model tests. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 150, 106946.	1.9	14
29	Variable-parameter feedforward control for centrifuge shaking table based on nonlinear frequency characteristic model. <i>Mechanical Systems and Signal Processing</i> , 2021, 161, 108011.	4.4	6
30	Evaluating iron remediation with limestone using spectral induced polarization and microscopic techniques. <i>Science of the Total Environment</i> , 2021, 800, 149641.	3.9	6
31	Effects of particle gradation and geometry on the pore characteristics and water retention curves of granular soils: a combined DEM and PNM investigation. <i>Granular Matter</i> , 2021, 23, 1.	1.1	13
32	Field Rebound and Recompression Curve of Soft Clay. <i>Geotechnical Testing Journal</i> , 2021, 44, 67-86.	0.5	3
33	Geoenvironmental Issues in High-Food-Waste-Content Municipal Solid Waste Landfills. <i>Journal of the Indian Institute of Science</i> , 2021, 101, 603-623.	0.9	5
34	Monitoring and Quantitative Human Risk Assessment of Municipal Solid Waste Landfill Using Integrated Satellite-UAV Ground Survey Approach. <i>Remote Sensing</i> , 2021, 13, 4496.	1.8	5
35	Field Treatment of Storage Sludge and Stability Analysis of Overlying Municipal Waste Landfilling. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12102.	1.3	2
36	A dual-porosity model for coupled leachate and gas flow to vertical wells in municipal solid waste landfills. <i>Geotechnique</i> , 2020, 70, 406-420.	2.2	17

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37	Characterization of compression behaviors of high food waste content (HFWC) MSW and no food waste content (NFWC) MSW in China. <i>Waste Management</i> , 2020, 103, 305-313.	3.7	24
38	Influence of particle-size disparity on cyclic liquefaction resistance of silty sands. <i>Geotechnique Letters</i> , 2020, 10, 155-161.	0.6	9
39	Hydro-mechanical behavior of unsaturated soil surrounding a heated pipeline considering moisture evaporation and condensation. <i>Computers and Geotechnics</i> , 2020, 119, 103377.	2.3	9
40	Centrifuge modelling of uplift response of suction caisson groups in soft clay. <i>Canadian Geotechnical Journal</i> , 2020, 57, 1294-1303.	1.4	18
41	A simple and rapid in situ method for measuring landfill gas emissions and methane oxidation rates in landfill covers. <i>Waste Management and Research</i> , 2020, 38, 588-593.	2.2	9
42	Remediation of mud pumping in ballastless high-speed railway using polyurethane chemical injection. <i>Construction and Building Materials</i> , 2020, 259, 120401.	3.2	30
43	Datasets for liquefaction case studies of gravelly soils during the 2008 Wenchuan earthquake. <i>Data in Brief</i> , 2020, 32, 106308.	0.5	3
44	Non-Fickian Solute Transport in Rough-Walled Fractures: The Effect of Contact Area. <i>Water (Switzerland)</i> , 2020, 12, 2049.	1.2	11
45	A liquefaction case study of gently sloping gravelly soil deposits in the near-fault region of the 2008 Mw7.9 Wenchuan earthquake. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 6181-6201.	2.3	20
46	Centrifuge Modeling for Seismic Response of Fixed-End Model Piles Considering Local Scour. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2020, 146, .	0.5	7
47	Liquefaction case studies of gravelly soils during the 2008 Wenchuan earthquake. <i>Engineering Geology</i> , 2020, 274, 105691.	2.9	38
48	Frequency response function and shaking control of the ZJU-400 geotechnical centrifuge shaker. <i>International Journal of Physical Modelling in Geotechnics</i> , 2020, 20, 97-117.	0.5	4
49	Nonlinear analysis of pile groups subjected to combined lateral and torsional loading. <i>Journal of Zhejiang University: Science A</i> , 2020, 21, 179-192.	1.3	3
50	Performance of a compacted loess/gravel cover as a capillary barrier and landfill gas emissions controller in Northwest China. <i>Science of the Total Environment</i> , 2020, 718, 137195.	3.9	19
51	Quantitative characterization of solute transport in fractures with different surface roughness based on ten Barton profiles. <i>Environmental Science and Pollution Research</i> , 2020, 27, 13534-13549.	2.7	9
52	Stochastic evaluation of leakages through holes in wrinkle networks of composite liners. <i>Geotextiles and Geomembranes</i> , 2020, 48, 284-296.	2.3	6
53	Full-scale experimental study of methane emission in a loess-gravel capillary barrier cover under different seasons. <i>Waste Management</i> , 2020, 107, 54-65.	3.7	21
54	Specifications and Results of Centrifuge Model Test at Zhejiang University for LEAP-UCD-2017. , 2020, , 401-419.		2

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55	Difference and Sensitivity Analyses of the LEAP-2017 Experiments. , 2020, , 131-156.		0
56	Centrifuge modeling of dynamic response of high fill slope by using generalized scaling law. Engineering Geology, 2019, 260, 105213.	2.9	15
57	Effect of intracellular water release on hydro-mechanical behaviors of high kitchen waste content municipal solid waste. Science China Technological Sciences, 2019, 62, 1907-1915.	2.0	5
58	Centrifuge Modeling of Cyclic Lateral Behaviors of a Tetrapod Piled Jacket Foundation for Offshore Wind Turbines in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, .	1.5	18
59	Use of electrical resistivity tomography for detecting the distribution of leachate and gas in a large-scale MSW landfill cell. Environmental Science and Pollution Research, 2019, 26, 20325-20343.	2.7	8
60	Effects of vegetation type on water infiltration in a three-layer cover system using recycled concrete. Journal of Zhejiang University: Science A, 2019, 20, 1-9.	1.3	13
61	Analytical model for methane migration through fractured unsaturated landfill cover soil. Engineering Geology, 2019, 255, 69-79.	2.9	17
62	Group effect in piles under eccentric lateral loading in sand. Journal of Zhejiang University: Science A, 2019, 20, 243-257.	1.3	5
63	Coupled consolidation and heat flow analysis of layered soils surrounding cylindrical heat sources using a precise integration technique. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 1539-1561.	1.7	14
64	Comparison of settlement behaviors of high-food-waste-content (HFWC) and low-food-waste-content (LFWC) MSWs and assessment of their prediction models. Science China Technological Sciences, 2019, 62, 2271-2292.	2.0	11
65	Mechanisms of settlement in municipal solid waste landfills. Journal of Zhejiang University: Science A, 2019, 20, 927-947.	1.3	13
66	A pore-scale numerical investigation of the effect of pore characteristics on flow properties in soils. Journal of Zhejiang University: Science A, 2019, 20, 961-978.	1.3	5
67	Field measurement of pore pressures and liquid-gas distribution using drilling and ERT in a high food waste content MSW landfill in Guangzhou, China. Engineering Geology, 2019, 250, 21-33.	2.9	34
68	Precise Model for Predicting Excess Pore-Water Pressure of Layered Soils Induced by Thermal-Mechanical Loads. Journal of Engineering Mechanics - ASCE, 2019, 145, .	1.6	31
69	Non-linear elastic model for MSW considering dilatancy effect. Environmental Geotechnics, 2019, 6, 125-136.	1.3	7
70	Waste Mechanics and Sustainable Landfilling Technology: Comparison Between HFWC and LFWC MSWs. Environmental Science and Engineering, 2019, , 3-37.	0.1	8
71	Slope Stabilization and Capacity Expansion at Tianziling Landfill in Hangzhou, China. Environmental Science and Engineering, 2019, , 26-34.	0.1	2
72	A New Consolidation Model for Unsaturated High-Kitchen-Waste-Content MSW. Environmental Science and Engineering, 2019, , 68-76.	0.1	2

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73	Analysis on stabilization characteristics and exploitability of landfilled municipal solid waste: Case of a typical landfill in China. <i>Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica</i> , 2019, 49, 199-211.	0.3	5
74	Testing of Leachate Levels at a Landfill with Multiple Intermediate Covering Layers. <i>Environmental Science and Engineering</i> , 2019, , 397-403.	0.1	0
75	Effect of Landfill Odorous Gas on Surrounding Environment: A Field Investigation and Numerical Analysis in a Large-Scale Landfill in Hangzhou, China. <i>Environmental Science and Engineering</i> , 2019, , 51-59.	0.1	1
76	A Model for Aerobic Biochemical Degradation of Municipal Solid Waste. <i>Environmental Science and Engineering</i> , 2019, , 263-271.	0.1	1
77	Decoupled Advection-Dispersion Method for Determining Wall Thickness of Slurry Trench Cutoff Walls. <i>International Journal of Geomechanics</i> , 2018, 18, .	1.3	13
78	The 2015 Shenzhen catastrophic landslide in a construction waste dump: Reconstitution of dump structure and failure mechanisms via geotechnical investigations. <i>Engineering Geology</i> , 2018, 238, 15-26.	2.9	64
79	Stress-strain response of the LEAP-2015 centrifuge tests and numerical predictions. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 113, 804-818.	1.9	37
80	Evaluating leakages through GMB/GCL composite liners considering random hole distributions in wrinkle networks. <i>Geotextiles and Geomembranes</i> , 2018, 46, 131-145.	2.3	13
81	A dual-permeability hydro-biodegradation model for leachate recirculation and settlement in bioreactor landfills. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14614-14625.	2.7	8
82	Zhejiang University benchmark centrifuge test for LEAP-GWU-2015 and liquefaction responses of a sloping ground. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 113, 698-713.	1.9	46
83	Application of advanced techniques for the assessment of bio-stability of biowaste-derived residues: A minireview. <i>Bioresource Technology</i> , 2018, 248, 122-133.	4.8	44
84	LEAP-GWU-2015 experiment specifications, results, and comparisons. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 113, 616-628.	1.9	92
85	Liquefaction experiment and analysis projects (LEAP): Summary of observations from the planning phase. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 113, 714-743.	1.9	57
86	Numerical Investigation on Ground Vibrations Induced by High-Speed Train and Its Mitigation. , 2018, , 767-774.		0
87	Leachate breakthrough mechanism and key pollutant indicator of municipal solid waste landfill barrier systems: Centrifuge and numerical modeling approach. <i>Science of the Total Environment</i> , 2018, 612, 1123-1131.	3.9	53
88	Force Equilibrium-Based Model for Predicting Stresses in Soil-Bentonite Cutoff Walls. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	8
89	Geodynamics of high-speed railway. <i>Transportation Geotechnics</i> , 2018, 17, 69-76.	2.0	40
90	Threshold seismic energy and liquefaction distance limit during the 2008 Wenchuan earthquake. <i>Bulletin of Earthquake Engineering</i> , 2018, 16, 5151-5170.	2.3	6

#	ARTICLE	IF	CITATIONS
91	Centrifugal model tests on face failure of earth pressure balance shield induced by steady state seepage in saturated sandy silt ground. <i>Tunnelling and Underground Space Technology</i> , 2018, 81, 315-325.	3.0	91
92	Non-monotonic piezocone dissipation curves of backfills in a soil-bentonite slurry trench cutoff wall. <i>Journal of Zhejiang University: Science A</i> , 2018, 19, 277-288.	1.3	6
93	Storage Capacity and Slope Stability Analysis of Municipal Solid Waste Landfills. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	1.0	18
94	Methane hotspot localization and visualization at a large-scale Xi'an landfill in China: Effective tool for landfill gas management. <i>Journal of Environmental Management</i> , 2018, 225, 232-241.	3.8	49
95	Lateral Ground Displacement Induced by EPB Tunneling in Ningbo Soft Clay. , 2018, , 681-688.		2
96	Centrifuge modeling and numerical analysis on seismic site response of deep offshore clay deposits. <i>Engineering Geology</i> , 2017, 227, 54-68.	2.9	19
97	Failure probability assessment and parameter sensitivity analysis of a contaminant's transit time through a compacted clay liner. <i>Computers and Geotechnics</i> , 2017, 86, 230-242.	2.3	11
98	Shear wave velocity-based evaluation and design of stone column improved ground for liquefaction mitigation. <i>Earthquake Engineering and Engineering Vibration</i> , 2017, 16, 247-261.	1.1	14
99	Earthquake response and sliding displacement of submarine sensitive clay slopes. <i>Engineering Geology</i> , 2017, 227, 69-83.	2.9	18
100	Centrifuge modeling of municipal solid waste landfill failures induced by rising water levels. <i>Canadian Geotechnical Journal</i> , 2017, 54, 1739-1751.	1.4	29
101	Biochemical, hydrological and mechanical behaviors of high food waste content MSW landfill: Preliminary findings from a large-scale experiment. <i>Waste Management</i> , 2017, 63, 27-40.	3.7	62
102	Steady-state analytical model for vapour-phase volatile organic compound (VOC) diffusion in layered landfill composite cover systems. <i>Canadian Geotechnical Journal</i> , 2017, 54, 1567-1579.	1.4	26
103	An equivalent-time-lines model for municipal solid waste based on its compression characteristics. <i>Waste Management</i> , 2017, 68, 292-306.	3.7	10
104	A practical approach for calculating the settlement and storage capacity of landfills based on the space and time discretization of the landfilling process. <i>Waste Management</i> , 2017, 69, 202-214.	3.7	25
105	Design Charts for Contaminant Transport through Slurry Trench Cutoff Walls. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	17
106	Biochemical, hydrological and mechanical behaviors of high food waste content MSW landfill: Liquid-gas interactions observed from a large-scale experiment. <i>Waste Management</i> , 2017, 68, 307-318.	3.7	51
107	Field measurements of water storage capacity in a loess's gravel capillary barrier cover using rainfall simulation tests. <i>Canadian Geotechnical Journal</i> , 2017, 54, 1523-1536.	1.4	35
108	Numerical analysis of soil vibrations due to trains moving at critical speed. <i>Acta Geotechnica</i> , 2016, 11, 281-294.	2.9	42

#	ARTICLE	IF	CITATIONS
109	Simulating train moving loads in physical model testing of railway infrastructure and its numerical calibration. <i>Acta Geotechnica</i> , 2016, 11, 231-242.	2.9	42
110	Consolidation behaviors of soil-bentonite slurry trench cutoff walls: a large-scale test. <i>Japanese Geotechnical Society Special Publication</i> , 2016, 2, 1593-1596.	0.2	2
111	Field measurement of gas permeability of compacted loess used as an earthen final cover for a municipal solid waste landfill. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 541-552.	1.3	29
112	Time- and stress-dependent model for predicting moisture retention capacity of high-food-waste-content municipal solid waste: based on experimental evidence. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 525-540.	1.3	14
113	Lead adsorption and transport in loess-amended soil-bentonite cut-off wall. <i>Engineering Geology</i> , 2016, 215, 69-80.	2.9	56
114	Laboratory and numerical study on an enhanced evaporation process in a loess soil column subjected to heating. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 553-564.	1.3	9
115	Dynamic performance of high-speed railway formation with the rise of water table. <i>Engineering Geology</i> , 2016, 206, 18-32.	2.9	56
116	One-dimensional consolidation of saturated degradable porous media with degradation-dependent compressibility. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	3
117	A degradation model for high kitchen waste content municipal solid waste. <i>Waste Management</i> , 2016, 58, 376-385.	3.7	37
118	One-dimensional coupled model for landfill gas and water transport in layered unsaturated soil cover systems. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 667-676.	1.3	8
119	Preliminary Testing on High-speed Railway Substructure Due to Water Level Changes. <i>Procedia Engineering</i> , 2016, 143, 769-781.	1.2	18
120	A full-scale physical model test apparatus for investigating the dynamic performance of the slab track system of a high-speed railway. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2016, 230, 554-571.	1.3	30
121	Contaminant transport in the sub-surface soil of an uncontrolled landfill site in China: site investigation and two-dimensional numerical analysis. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2566-2575.	2.7	28
122	Curved Raypaths of Shear Waves and Measurement Accuracy of Bender Elements in Centrifuge Model Tests. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2016, 142, 04016008.	1.5	7
123	Opportunities and challenges of environmental geotechnics in China. <i>Environmental Geotechnics</i> , 2015, 2, 331-335.	1.3	2
124	Evaluation of measurement sensitivity and design improvement for time domain reflectometry penetrometers. <i>Water Resources Research</i> , 2015, 51, 2994-3006.	1.7	13
125	Impact of Water Level Rise on the Behaviors of Railway Track Structure and Substructure. <i>Transportation Research Record</i> , 2015, 2476, 15-22.	1.0	21
126	Application of Computer Simulation in Multiphysics Interaction Analysis of Landfills. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
127	Breakthrough time-based design of landfill composite liners. <i>Geotextiles and Geomembranes</i> , 2015, 43, 196-206.	2.3	56
128	Engineering properties for high kitchen waste content municipal solid waste. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2015, 7, 646-658.	3.7	44
129	Observation of post-liquefaction progressive failure of shallow foundation in centrifuge model tests. <i>Soils and Foundations</i> , 2015, 55, 1501-1511.	1.3	16
130	Track and ground vibrations generated by high-speed train running on ballastless railway with excitation of vertical track irregularities. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 76, 29-43.	1.9	136
131	Behavior of pile group with elevated cap subjected to cyclic lateral loads. <i>China Ocean Engineering</i> , 2015, 29, 565-578.	0.6	6
132	An analytical model for diffusion of chemicals under thermal effects in semi-infinite porous media. <i>Computers and Geotechnics</i> , 2015, 69, 329-337.	2.3	38
133	Diffusion of organic contaminants in triple-layer composite liners: an analytical modeling approach. <i>Acta Geotechnica</i> , 2015, 10, 255-262.	2.9	39
134	Long-Term Performance of a Capillary-Barrier Cover with Unsaturated Drainage Layer in a Humid Climate. , 2014, , .		2
135	Detection of Layered Diesel-Contaminated Sands. , 2014, , .		1
136	A finite element method with meshâ€separationâ€based approximation technique and its application in modeling crack propagation with adaptive mesh refinement. <i>International Journal for Numerical Methods in Engineering</i> , 2014, 99, 487-521.	1.5	15
137	Cumulative settlement of track subgrade in high-speed railway under varying water levels. <i>International Journal of Rail Transportation</i> , 2014, 2, 205-220.	1.8	55
138	Field and laboratory investigation on geotechnical properties of sewage sludge disposed in a pit at Changan landfill, Chengdu, China. <i>Engineering Geology</i> , 2014, 170, 24-32.	2.9	51
139	Effect of FeCl ₃ -conditioning on consolidation property of sewage sludge and vacuum preloading test with integrated PVDs at the Changan landfill, China. <i>Geotextiles and Geomembranes</i> , 2014, 42, 181-190.	2.3	47
140	Response of 1Ã—2 pile group under eccentric lateral loading. <i>Computers and Geotechnics</i> , 2014, 57, 114-121.	2.3	19
141	Deflection-Based Bearing Capacity of Suction Caisson Foundations of Offshore Wind Turbines. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014, 140, .	1.5	45
142	New Load Transfer Hyperbolic Model for Pile-Soil Interface and Negative Skin Friction on Single Piles Embedded in Soft Soils. <i>International Journal of Geomechanics</i> , 2014, 14, 92-100.	1.3	47
143	Full-scale model testing on a ballastless high-speed railway under simulated train moving loads. <i>Soil Dynamics and Earthquake Engineering</i> , 2014, 66, 368-384.	1.9	172
144	Analyses on a high leachate mound in a landfill of municipal solid waste in China. <i>Environmental Earth Sciences</i> , 2013, 70, 1747-1752.	1.3	28

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145	Experimental study on applicability of using time-domain reflectometry to detect NAPLs contaminated sands. <i>Science China Technological Sciences</i> , 2013, 56, 1534-1543.	2.0	8
146	One-Dimensional Transient Analytical Solution for Gas Pressure in Municipal Solid Waste Landfills. <i>Journal of Environmental Engineering</i> , ASCE, 2013, 139, 1441-1445.	0.7	10
147	An analytical solution to organic contaminant diffusion through composite liners considering the effect of degradation. <i>Geotextiles and Geomembranes</i> , 2013, 36, 10-18.	2.3	58
148	Stability Analysis of Slurry Trenches in Similar Layered Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 2104-2109.	1.5	24
149	Large-Scale Modeling and Theoretical Investigation of Lateral Collisions on Elevated Piles. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 461-471.	1.5	33
150	Impact Model Tests and Simplified Analysis for Flexible Pile-Supported Protective Structures Withstanding Vessel Collisions. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2012, 138, 86-96.	0.5	12
151	Gas Pressure Model for Layered Municipal Solid Waste Landfills. <i>Journal of Environmental Engineering</i> , ASCE, 2012, 138, 752-760.	0.7	22
152	A semi-analytical method for the analysis of pile-supported embankments. <i>Journal of Zhejiang University: Science A</i> , 2012, 13, 888-894.	1.3	19
153	Model tests on interaction between soil and geosynthetics subjected to localized subsidence in landfills. <i>Journal of Zhejiang University: Science A</i> , 2012, 13, 433-444.	1.3	20
154	Analysis of solid-liquid-gas interactions in landfilled municipal solid waste by a bio-hydro-mechanical coupled model. <i>Science China Technological Sciences</i> , 2012, 55, 81-89.	2.0	38
155	Installation and lateral loading tests of suction caissons in silt. <i>Canadian Geotechnical Journal</i> , 2011, 48, 1070-1084.	1.4	88
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