

Yu-Chao Li

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

446
citations

759233

12
h-index

752698

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29
all docs

29
docs citations

29
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient approach for locating the critical slip surface in slope stability analyses using a real-coded genetic algorithm. <i>Canadian Geotechnical Journal</i> , 2010, 47, 806-820.	2.8	66
2	Analytical Solutions for Contaminant Diffusion in Double-Layered Porous Media. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010, 136, 1542-1554.	3.0	51
3	Analytical solutions for advectiveâ€dispersive solute transport in doubleâ€layered finite porous media. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2011, 35, 438-460.	3.3	37
4	A degradation model for high kitchen waste content municipal solid waste. <i>Waste Management</i> , 2016, 58, 376-385.	7.4	37
5	Analytical Solution for Diffusion of VOCs through Composite Landfill Liners. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011, 137, 850-854.	3.0	33
6	Stability Analysis of Slurry Trenches in Similar Layered Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 2104-2109.	3.0	24
7	A column system for modeling bentonite slurry infiltration in sands. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 818-827.	2.4	24
8	Gas Pressure Model for Layered Municipal Solid Waste Landfills. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 752-760.	1.4	22
9	Design Charts for Contaminant Transport through Slurry Trench Cutoff Walls. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	1.4	17
10	Stability of Slurry Trenches with Inclined Ground Surface. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 1617-1619.	3.0	16
11	Influences of operational practices on municipal solid waste landfill storage capacity. <i>Waste Management and Research</i> , 2013, 31, 273-282.	3.9	16
12	Decoupled Advection-Dispersion Method for Determining Wall Thickness of Slurry Trench Cutoff Walls. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	13
13	One-Dimensional Transient Analytical Solution for Gas Pressure in Municipal Solid Waste Landfills. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 1441-1445.	1.4	10
14	In situ stress states and lateral deformations of soilâ€bentonite cutoff walls during consolidation process. <i>Canadian Geotechnical Journal</i> , 2020, 57, 139-148.	2.8	10
15	Consolidation of sensitive clays: a numerical investigation. <i>Acta Geotechnica</i> , 2013, 8, 59-66.	5.7	8
16	Force Equilibriumâ€Based Model for Predicting Stresses in Soil-Bentonite Cutoff Walls. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	3.0	8
17	Measurement of contaminant adsorption on soils using cycling modified column tests. <i>Chemosphere</i> , 2022, 294, 133822.	8.2	8
18	Multi-dimensional chemo-osmotic consolidation of clays. <i>Computers and Geotechnics</i> , 2011, 38, 423-429.	4.7	7

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19	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.	2.4	6
20	Internal Forces within the Layered Structure of Na-Montmorillonite Hydrates: Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25557-25567.	3.1	6
21	A solution to estimate the total and effective stresses in backfilled stopes with an impervious base during the filling operation of cohesionless backfill. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020, 44, 1570-1586.	3.3	6
22	Freezing soil effects on earth-contact heat transfer. <i>Building Services Engineering Research and Technology</i> , 2013, 34, 259-274.	1.8	5
23	Rankine Theory-Based Approach for Stability Analysis of Slurry Trenches. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	5
24	Solutions to estimate the excess PWP, settlement and volume of draining water after slurry deposition. Part I: impervious base. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	5
25	Solutions to estimate the excess PWP, settlement and volume of draining water after slurry deposition. Part II: pervious base. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	3
26	Opportunities and challenges of environmental geotechnics in China. <i>Environmental Geotechnics</i> , 2015, 2, 331-335.	2.3	2
27	Application of Computer Simulation in Multiphysics Interaction Analysis of Landfills. , 2015, , .		1
28	Landfill Storage Capacity Analysis Method by Considering Foundation Settlement and Its Application. <i>Environmental Science and Engineering</i> , 2019, , 154-161.	0.2	0