

Ben-Yi Cao

List of Publications by Year in descending order

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papers

226
citations

1040056

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docs citations

22
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous removal of Pb and MTBE by mixed zeolites in fixed-bed column tests. <i>Journal of Environmental Sciences</i> , 2022, 122, 41-49.	6.1	12
2	SEBS-Polymer-Modified Slag-Cement-Bentonite for Resilient Slurry Walls. <i>Sustainability</i> , 2022, 14, 2093.	3.2	1
3	Use of superabsorbent polymer in soil-cement subsurface barriers for enhanced heavy metal sorption and self-healing. <i>Science of the Total Environment</i> , 2022, 831, 154708.	8.0	9
4	Reactive MgO-based self-healing slag-cement-bentonite slurry walls. <i>Cement and Concrete Composites</i> , 2022, 131, 104565.	10.7	13
5	Field test of composite ground improved by different methods in red soil areas of China. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2021, 174, 315-330.	1.6	3
6	Crack-resistant cement-bentonite cut-off wall materials incorporating superabsorbent polymers. <i>Canadian Geotechnical Journal</i> , 2021, 58, 800-810.	2.8	13
7	First UK Commercial Deployment of Microcapsule-Based Self-Healing Reinforced Concrete. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	7
8	Soil Mix Cutoff Wall Materials with Microcapsule-Based Self-Healing Grout. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, .	3.0	8
9	Vertical Barriers for Land Contamination Containment: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12643.	2.6	6
10	Organic Contaminant-Triggered Self-Healing Soil Mix Cut-Off Wall Materials Incorporating Oil Sorbents. <i>Materials</i> , 2020, 13, 5802.	2.9	4
11	Numerical model of aerobic bioreactor landfill considering aerobic-anaerobic condition and bio-stable zone development. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15229-15247.	5.3	7
12	CFD modeling of hydro-biochemical behavior of MSW subjected to leachate recirculation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5631-5642.	5.3	5
13	CFD Modeling of Anaerobic-Aerobic Hybrid Bioreactor Landfills. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	7
14	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.	5.3	8
15	Modeling of Leachate Recirculation Using Spraying-Vertical Well Systems in Bioreactor Landfills. <i>International Journal of Geomechanics</i> , 2017, 17, .	2.7	14
16	Modeling of leachate recirculation using combined drainage blanket-horizontal trench systems in bioreactor landfills. <i>Waste Management and Research</i> , 2017, 35, 1072-1083.	3.9	6
17	The use of electrical resistivity tomography and borehole to characterize leachate distribution in Laogang landfill, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20811-20817.	5.3	28
18	Three-dimensional modelling of leachate recirculation using vertical wells in bioreactor landfills. <i>Waste Management and Research</i> , 2016, 34, 1307-1315.	3.9	7

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19	Constitutive model for municipal solid waste considering the effect of biodegradation. <i>Geotechnique Letters</i> , 2016, 6, 244-249.	1.2	24
20	Modeling of leachate recirculation using vertical wells in bioreactor landfills. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9067-9079.	5.3	15
21	Leachate recirculation in bioreactor landfills considering the stratification of MSW permeability. <i>Environmental Earth Sciences</i> , 2015, 73, 3349-3359.	2.7	13
22	Leachate recirculation in bioreactor landfills considering the effect of MSW settlement on hydraulic properties. <i>Environmental Earth Sciences</i> , 2014, 72, 2315-2323.	2.7	16