

Zhenze Li

List of Publications by Year in descending order

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35
papers

892
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516710

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times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	A dual-porosity model for the study of chemical effects on the swelling behaviour of MX-80 bentonite. <i>Acta Geotechnica</i> , 2020, 15, 635-653.	5.7	23
2	Modelling a heater experiment for radioactive waste disposal. <i>Environmental Geotechnics</i> , 2019, 6, 87-100.	2.3	9
3	CCS Risk Assessment: Groundwater Contamination Caused by CO ₂ . <i>Geosciences (Switzerland)</i> , 2018, 8, 397.	2.2	7
4	Hydro-mechanical behavior of an argillaceous limestone considered as a potential host formation for radioactive waste disposal. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2018, 10, 1063-1081.	8.1	17
5	REMOVAL OF AQUEOUS Cu(II) WITH NATURAL KAOLIN: KINETICS AND EQUILIBRIUM STUDIES. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 467-476.	0.6	8
6	E. coli interactions, adhesion and transport in alumino-silica clays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 82-88.	5.0	10
7	Development of a viscoelastoplastic model for a bedded argillaceous rock from laboratory triaxial tests. <i>Canadian Geotechnical Journal</i> , 2017, 54, 359-372.	2.8	14
8	Precipitates in landfill leachate mediated by dissolved organic matters. <i>Journal of Hazardous Materials</i> , 2015, 287, 278-286.	12.4	20
9	Influence of pH on the membrane behavior of bentonite amended Fukakusa clay. <i>Separation and Purification Technology</i> , 2015, 141, 132-142.	7.9	33
10	Membrane behavior of bentonite-amended compacted clay towards Zn(II) and Pb(II). <i>Membrane Water Treatment</i> , 2015, 6, 393-409.	0.5	11
11	Influence of Compaction Degree on Membrane Behavior of Compacted Clay Amended with Bentonite. , 2014, , .		3
12	Membrane behavior of bentonite-amended compacted clay. <i>Soils and Foundations</i> , 2014, 54, 329-344.	3.1	80
13	Electricâ€“hydraulicâ€“chemical coupled modeling of solute transport through landfill clay liners. <i>Applied Clay Science</i> , 2014, 101, 541-552.	5.2	12
14	Modeling precipitate-dominant clogging for landfill leachate with NICA-Donnan theory. <i>Journal of Hazardous Materials</i> , 2014, 274, 413-419.	12.4	14
15	Fabric effect on hydraulic conductivity of kaolin under different chemical and biochemical conditions. <i>Soils and Foundations</i> , 2013, 53, 680-691.	3.1	27
16	Zn(II) Removal with Activated <i>Firmiana Simplex</i> Leaf: Kinetics and Equilibrium Studies. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 190-199.	1.4	29
17	Analytical solutions for the layered geo-materials subjected to an arbitrary point load in the cartesian coordinate. <i>Acta Mechanica Solida Sinica</i> , 2011, 24, 262-272.	1.9	8
18	Modeling cake filtration under coupled hydraulic, electric and osmotic effects. <i>Journal of Membrane Science</i> , 2011, 378, 485-494.	8.2	13

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19	Application of grass char for Cd(II) treatment in column leaching test. Journal of Hazardous Materials, 2011, 185, 768-775.	12.4	4
20	Hydraulic Conductivity of Kaolin Permeated with Salt Solution. , 2011, , .		0
21	Woods Charred at Low Temperatures and Their Modification for the Adsorption of Cr(VI) Ions from Aqueous Solution. Adsorption Science and Technology, 2010, 28, 419-435.	3.2	9
22	Cd(II) adsorption on various adsorbents obtained from charred biomaterials. Journal of Hazardous Materials, 2010, 183, 410-420.	12.4	31
23	Comment on JHM 142 (2007) "Arsenic removal from water" wastewater using adsorbents" A critical review™ by D Mohan and CU Pittman Jr.. Journal of Hazardous Materials, 2010, 175, 1116-1117.	12.4	6
24	Manganese removal from aqueous solution using a thermally decomposed leaf. Journal of Hazardous Materials, 2010, 177, 501-507.	12.4	33
25	Removal of Cd(II) from aqueous solution with activated Firmiana Simplex Leaf: Behaviors and affecting factors. Journal of Hazardous Materials, 2010, 179, 95-103.	12.4	57
26	Leaf char: An alternative adsorbent for Cr(III). Desalination, 2010, 264, 70-77.	8.2	26
27	Discussion of "Investigation of Consolidation-Induced Solute Transport. I: Effect of Consolidation on Transport Parameters" by J. Lee, P. J. Fox, and J. J. Lenhart. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 1306-1307.	3.0	0
28	Sorption Behavior and Mechanism of Pb(II) on Chinese Loess. Journal of Environmental Engineering, ASCE, 2009, 135, 58-67.	1.4	24
29	Behaviour and mechanism of enhanced phosphate sorption on loess modified with metals: equilibrium study. Journal of Chemical Technology and Biotechnology, 2009, 84, 595-603.	3.2	8
30	Adsorption and desorption behaviour of Pb(II) on a natural kaolin: equilibrium, kinetic and thermodynamic studies. Journal of Chemical Technology and Biotechnology, 2009, 84, 1371-1380.	3.2	51
31	Adsorption behavior of Zn(II) on calcinated Chinese loess. Journal of Hazardous Materials, 2009, 161, 824-834.	12.4	75
32	Activation of Firmiana Simplex leaf and the enhanced Pb(II) adsorption performance: Equilibrium and kinetic studies. Journal of Hazardous Materials, 2009, 169, 386-394.	12.4	53
33	Adsorption behavior and mechanism of Cd(II) on loess soil from China. Journal of Hazardous Materials, 2009, 172, 30-37.	12.4	141
34	Removal of Zn(II) from aqueous solution with natural Chinese loess: Behaviors and affecting factors. Desalination, 2009, 249, 49-57.	8.2	17
35	Behaviour and mechanism of Zn(II) adsorption on Chinese loess at dilute slurry concentrations. Journal of Chemical Technology and Biotechnology, 2008, 83, 673-682.	3.2	19