

# Zhenze Li

## List of Publications by Year in descending order

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35  
papers

892  
citations

516710

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477307

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35  
docs citations

35  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption behavior and mechanism of Cd(II) on loess soil from China. Journal of Hazardous Materials, 2009, 172, 30-37.	12.4	141
2	Membrane behavior of bentonite-amended compacted clay. Soils and Foundations, 2014, 54, 329-344.	3.1	80
3	Adsorption behavior of Zn(II) on calcinated Chinese loess. Journal of Hazardous Materials, 2009, 161, 824-834.	12.4	75
4	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
5	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
6	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
7	Manganese removal from aqueous solution using a thermally decomposed leaf. Journal of Hazardous Materials, 2010, 177, 501-507.	12.4	33
8	Influence of pH on the membrane behavior of bentonite amended Fukakusa clay. Separation and Purification Technology, 2015, 141, 132-142.	7.9	33
9	Cd(II) adsorption on various adsorbents obtained from charred biomaterials. Journal of Hazardous Materials, 2010, 183, 410-420.	12.4	31
10	Zn(II) Removal with Activated Firmiana Simplex Leaf: Kinetics and Equilibrium Studies. Journal of Environmental Engineering, ASCE, 2012, 138, 190-199.	1.4	29
11	Fabric effect on hydraulic conductivity of kaolin under different chemical and biochemical conditions. Soils and Foundations, 2013, 53, 680-691.	3.1	27
12	Leaf char: An alternative adsorbent for Cr(III). Desalination, 2010, 264, 70-77.	8.2	26
13	Sorption Behavior and Mechanism of Pb(II) on Chinese Loess. Journal of Environmental Engineering, ASCE, 2009, 135, 58-67.	1.4	24
14	A dual-porosity model for the study of chemical effects on the swelling behaviour of MX-80 bentonite. Acta Geotechnica, 2020, 15, 635-653.	5.7	23
15	Precipitates in landfill leachate mediated by dissolved organic matters. Journal of Hazardous Materials, 2015, 287, 278-286.	12.4	20
16	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
17	Removal of Zn(II) from aqueous solution with natural Chinese loess: Behaviors and affecting factors. Desalination, 2009, 249, 49-57.	8.2	17
18	Hydro-mechanical behavior of an argillaceous limestone considered as a potential host formation for radioactive waste disposal. Journal of Rock Mechanics and Geotechnical Engineering, 2018, 10, 1063-1081.	8.1	17

#	ARTICLE	IF	CITATIONS
19	Modeling precipitate-dominant clogging for landfill leachate with NICA-Donnan theory. <i>Journal of Hazardous Materials</i> , 2014, 274, 413-419.	12.4	14
20	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
21	Modeling cake filtration under coupled hydraulic, electric and osmotic effects. <i>Journal of Membrane Science</i> , 2011, 378, 485-494.	8.2	13
22	Electric-hydraulic-chemical coupled modeling of solute transport through landfill clay liners. <i>Applied Clay Science</i> , 2014, 101, 541-552.	5.2	12
23	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
24	E. coli interactions, adhesion and transport in alumino-silica clays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 82-88.	5.0	10
25	Woods Charred at Low Temperatures and Their Modification for the Adsorption of Cr(VI) Ions from Aqueous Solution. <i>Adsorption Science and Technology</i> , 2010, 28, 419-435.	3.2	9
26	Modelling a heater experiment for radioactive waste disposal. <i>Environmental Geotechnics</i> , 2019, 6, 87-100.	2.3	9
27	Behaviour and mechanism of enhanced phosphate sorption on loess modified with metals: equilibrium study. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 595-603.	3.2	8
28	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
29	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
30	CCS Risk Assessment: Groundwater Contamination Caused by CO <sub>2</sub> . <i>Geosciences (Switzerland)</i> , 2018, 8, 397.	2.2	7
31	Comment on JHM 142 (2007) "Arsenic removal from water-wastewater using adsorbents" A critical review™ by D Mohan and CU Pittman Jr.. <i>Journal of Hazardous Materials</i> , 2010, 175, 1116-1117.	12.4	6
32	Application of grass char for Cd(II) treatment in column leaching test. <i>Journal of Hazardous Materials</i> , 2011, 185, 768-775.	12.4	4
33	Influence of Compaction Degree on Membrane Behavior of Compacted Clay Amended with Bentonite. , 2014, , .		3
34	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. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010, 136, 1306-1307.	3.0	0
35	Hydraulic Conductivity of Kaolin Permeated with Salt Solution. , 2011, , .		0