Yong Wan

List of Publications by Year
in descending order

33 papers	773 citations	759233 12 h-index	526287 27 g-index
35 all docs	35 docs citations	35 times ranked	578 citing authors

#	Article	IF	Citations
1	Consolidation behavior and microstructure properties of cement-treated dredged soil during the stress curing. Marine Georesources and Geotechnology, 2022, 40, 500-510.	2.1	5
2	Deep insight on mechanism and contribution of As(V) removal by thermal modification waste concrete powder. Science of the Total Environment, 2022, 807, 150764.	8.0	7
3	Informal landfill contributes to the pollution of microplastics in the surrounding environment. Environmental Pollution, 2022, 293, 118586.	7.5	85
4	Preparation and characteristics of modified red mud-municipal solid waste incineration bottom ash binder. Journal of Building Engineering, 2022, 46, 103760.	3.4	2
5	Shear strength, water permeability and microstructure of modified municipal sludge based on industrial solid waste containing calcium used as landfill cover materials. Waste Management, 2022, 145, 20-28.	7.4	13
6	Recycling of phosphogypsum and red mud in low carbon and green cementitious materials for vertical barrier. Science of the Total Environment, 2022, 838, 155925.	8.0	11
7	Simultaneous removal of toluene and chlorobenzene in a nonthermal plasma-catalysis reactor packed with Fe1-Mn1/Î³-Al2O3. Journal of Cleaner Production, 2022, 363, 132611.	9.3	10
8	Experimental study of the environmental and geotechnical properties of landfills under long-term leachate effects: macroâ€“microscopic tests on in situ clays. Bulletin of Engineering Geology and the Environment, 2022, 81, .	3.5	0
9	Utilization of flue gas desulfurization gypsum to produce green binder for dredged soil solidification: Strength, durability, and planting performance. Journal of Cleaner Production, 2022, 367, 133076.	9.3	13
10	Determination of Unsaturated Hydraulic Properties of Seepage Flow Process in Municipal Solid Waste. Water (Switzerland), 2021, 13, 1059.	2.7	1
11	Use of self-hardening slurry for trench cutoff wall: A review. Construction and Building Materials, 2021, 286, 122959.	7.2	24
12	Using MgO activated slag and calcium bentonite slurry to produce a novel vertical barrier material: Performances and mechanisms. Construction and Building Materials, 2021, 291, 123365.	7.2	13
13	In-situ biodegradation of harmful pollutants in landfill by sludge modified biochar used as biocover. Environmental Pollution, 2020, 258, 113710.	7.5	25
14	Conditioning of resuspension excess sludge with chemical oxidation technology: The respective performance of filtration and expression stage in compression dewatering. Separation and Purification Technology, 2020, 237, 116317.	7.9	12
15	Synergistic effect for co-coking of sawdust and coal blending based on the chemical structure transformation. Journal of the Energy Institute, 2020, 93, 2215-2227.	5.3	5
16	Studies on Hydration Swelling and Bound Water Type of Sodium- and Polymer-Modified Calcium Bentonite. Advances in Polymer Technology, 2020, 2020, 1-11.	1.7	9
17	Effect of Curing Stress on Compression Behavior of Cement-Treated Dredged Sediment. International Journal of Geomechanics, 2020, 20, 04020204.	2.7	20
18	Strength and microstructure properties of solidified sewage sludge with two types of cement-based binders. Scientific Reports, 2020, 10, 20769.	3.3	9

#	Article	IF	Citations
19	Experimental Study of Moisture Content Effect on Geotechnical Properties of Solidified Municipal Sludge. Advances in Polymer Technology, 2020, 2020, 1-10.	1.7	2
20	In-situ biodegradation of volatile organic compounds in landfill by sewage sludge modified waste-char. Waste Management, 2020, 105, 317-327.	7.4	15
21	Permeability, Pore, and Structural Parameters of Undisturbed Silty Clay Presented in Landfill Leachate. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	2
22	Effect of ferrous sulfate dosage and soil particle size on leachability and species distribution of chromium in hexavalent chromiumâ€contaminated soil stabilized by ferrous sulfate. Environmental Progress and Sustainable Energy, 2019, 38, 500-507.	2.3	21
23	Effects of plastic contamination on water evaporation and desiccation cracking in soil. Science of the Total Environment, 2019, 654, 576-582.	8.0	361
24	Coupling model of aerobic waste degradation considering temperature, initial moisture content and air injection volume. Waste Management and Research, 2018, 36, 277-287.	3.9	7
25	Modeling the oxygen transport process under preferential flow effect in landfill. Environmental Science and Pollution Research, 2018, 25, 18559-18569.	5.3	8
26	Relationship between the shrinkage crack characteristics and the water content gradient of compacted clay liner in a landfill final cover. Soils and Foundations, 2018, 58, 1435-1445.	3.1	21
27	Crack Characteristic and Permeability Change of Compacted Clay Liners with Different Liquid Limits under Dry-Wet Cycles. Advances in Civil Engineering, 2018, 2018, 1-9.	0.7	1
28	Experimental study of the porosity and permeability of municipal solid waste. Environmental Progress and Sustainable Energy, 2017, 36, 1694-1699.	2.3	20
29	Evaluation of dual permeability of gas flow in municipal solid waste: Experiment and modeling. Environmental Progress and Sustainable Energy, 2016, 35, 41-47.	2.3	9
30	The role of roots in the stability of landfill clay covers under the effect of dryâ€“wet cycles. Environmental Earth Sciences, 2016, 75, 1.	2.7	12
31	Experimental research on the evolution laws of soil fabric of compacted clay liner in a landfill final cover under the dryâ€“wet cycle. Bulletin of Engineering Geology and the Environment, 2014, 73, 517-529.	3.5	14
32	Study on the permeability evolution law and the micro-mechanism of CCL in a landfill final cover under the dry-wet cycle. Bulletin of Engineering Geology and the Environment, 2014, 73, 1089-1103.	3.5	15
33	Effect of long-term acid attack on impermeability and microstructure of compacted cement-bound soils. Environmental Technology (United Kingdom), 0, , 1-15.	2.2	1