

Yong Wan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Effects of plastic contamination on water evaporation and desiccation cracking in soil. <i>Science of the Total Environment</i> , 2019, 654, 576-582.	8.0	361
2	Informal landfill contributes to the pollution of microplastics in the surrounding environment. <i>Environmental Pollution</i> , 2022, 293, 118586.	7.5	85
3	In-situ biodegradation of harmful pollutants in landfill by sludge modified biochar used as biocover. <i>Environmental Pollution</i> , 2020, 258, 113710.	7.5	25
4	Use of self-hardening slurry for trench cutoff wall: A review. <i>Construction and Building Materials</i> , 2021, 286, 122959.	7.2	24
5	Relationship between the shrinkage crack characteristics and the water content gradient of compacted clay liner in a landfill final cover. <i>Soils and Foundations</i> , 2018, 58, 1435-1445.	3.1	21
6	Effect of ferrous sulfate dosage and soil particle size on leachability and species distribution of chromium in hexavalent chromium-contaminated soil stabilized by ferrous sulfate. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 500-507.	2.3	21
7	Experimental study of the porosity and permeability of municipal solid waste. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1694-1699.	2.3	20
8	Effect of Curing Stress on Compression Behavior of Cement-Treated Dredged Sediment. <i>International Journal of Geomechanics</i> , 2020, 20, 04020204.	2.7	20
9	Study on the permeability evolution law and the micro-mechanism of CCL in a landfill final cover under the dry-wet cycle. <i>Bulletin of Engineering Geology and the Environment</i> , 2014, 73, 1089-1103.	3.5	15
10	In-situ biodegradation of volatile organic compounds in landfill by sewage sludge modified waste-char. <i>Waste Management</i> , 2020, 105, 317-327.	7.4	15
11	Experimental research on the evolution laws of soil fabric of compacted clay liner in a landfill final cover under the dry-wet cycle. <i>Bulletin of Engineering Geology and the Environment</i> , 2014, 73, 517-529.	3.5	14
12	Using MgO activated slag and calcium bentonite slurry to produce a novel vertical barrier material: Performances and mechanisms. <i>Construction and Building Materials</i> , 2021, 291, 123365.	7.2	13
13	Shear strength, water permeability and microstructure of modified municipal sludge based on industrial solid waste containing calcium used as landfill cover materials. <i>Waste Management</i> , 2022, 145, 20-28.	7.4	13
14	Utilization of flue gas desulfurization gypsum to produce green binder for dredged soil solidification: Strength, durability, and planting performance. <i>Journal of Cleaner Production</i> , 2022, 367, 133076.	9.3	13
15	The role of roots in the stability of landfill clay covers under the effect of dry-wet cycles. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	12
16	Conditioning of resuspension excess sludge with chemical oxidation technology: The respective performance of filtration and expression stage in compression dewatering. <i>Separation and Purification Technology</i> , 2020, 237, 116317.	7.9	12
17	Recycling of phosphogypsum and red mud in low carbon and green cementitious materials for vertical barrier. <i>Science of the Total Environment</i> , 2022, 838, 155925.	8.0	11
18	Simultaneous removal of toluene and chlorobenzene in a nonthermal plasma-catalysis reactor packed with Fe ₁ Mn ₁ /γ-Al ₂ O ₃ . <i>Journal of Cleaner Production</i> , 2022, 363, 132611.	9.3	10

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19	Evaluation of dual permeability of gas flow in municipal solid waste: Experiment and modeling. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 41-47.	2.3	9
20	Studies on Hydration Swelling and Bound Water Type of Sodium- and Polymer-Modified Calcium Bentonite. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-11.	1.7	9
21	Strength and microstructure properties of solidified sewage sludge with two types of cement-based binders. <i>Scientific Reports</i> , 2020, 10, 20769.	3.3	9
22	Modeling the oxygen transport process under preferential flow effect in landfill. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18559-18569.	5.3	8
23	Coupling model of aerobic waste degradation considering temperature, initial moisture content and air injection volume. <i>Waste Management and Research</i> , 2018, 36, 277-287.	3.9	7
24	Deep insight on mechanism and contribution of As(V) removal by thermal modification waste concrete powder. <i>Science of the Total Environment</i> , 2022, 807, 150764.	8.0	7
25	Synergistic effect for co-coking of sawdust and coal blending based on the chemical structure transformation. <i>Journal of the Energy Institute</i> , 2020, 93, 2215-2227.	5.3	5
26	Consolidation behavior and microstructure properties of cement-treated dredged soil during the stress curing. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 500-510.	2.1	5
27	Experimental Study of Moisture Content Effect on Geotechnical Properties of Solidified Municipal Sludge. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-10.	1.7	2
28	Permeability, Pore, and Structural Parameters of Undisturbed Silty Clay Presented in Landfill Leachate. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	2
29	Preparation and characteristics of modified red mud-municipal solid waste incineration bottom ash binder. <i>Journal of Building Engineering</i> , 2022, 46, 103760.	3.4	2
30	Crack Characteristic and Permeability Change of Compacted Clay Liners with Different Liquid Limits under Dry-Wet Cycles. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-9.	0.7	1
31	Determination of Unsaturated Hydraulic Properties of Seepage Flow Process in Municipal Solid Waste. <i>Water (Switzerland)</i> , 2021, 13, 1059.	2.7	1
32	Effect of long-term acid attack on impermeability and microstructure of compacted cement-bound soils. <i>Environmental Technology (United Kingdom)</i> , 0, , 1-15.	2.2	1
33	Experimental study of the environmental and geotechnical properties of landfills under long-term leachate effects: macro- and microscopic tests on in situ clays. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, .	3.5	0