Junboum Park

List of Publications by Year
in descending order

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54	2,283	304368	223531
papers	citations	22 h-index	46 g-index

57	57	57	2916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of lead ions from wastewater using lanthanum sulfide nanoparticle decorated over magnetic graphene oxide. Environmental Research, 2022, 204, 111959.	3.7	33
2	High efficiency removal of heavy metals using tire-derived activated carbon vs commercial activated carbon: Insights into the adsorption mechanisms. Chemosphere, 2021, 264, 128455.	4.2	220
3	Oyster Shell Powder, Zeolite and Red Mud as Binders for Immobilising Toxic Metals in Fine Granular Contaminated Soils (from Industrial Zones in South Korea). International Journal of Environmental Research and Public Health, 2021, 18, 2530.	1.2	10
4	Facemasks: A Looming Microplastic Crisis. International Journal of Environmental Research and Public Health, 2021, 18, 7068.	1.2	33
5	Recent advances on the removal of phosphorus in aquatic plant-based systems. Environmental Technology and Innovation, 2021, 24, 101933.	3.0	28
6	Application of ZnO-Nd Nano-Photocatalyst for the Reactive Red 198 Dye Decolorization in the Falling-Film Photocatalytic Reactor. Toxics, 2021, 9, 254.	1.6	7
7	Kinetic investigation of 1,9-dimethyl-methylene blue zinc chloride double salt removal from wastewater using ferrate (VI) and ultraviolet radiation. Journal of King Saud University - Science, 2020, 32, 213-222.	1.6	7
8	BTEX and heavy metals removal using pulverized waste tires in engineered fill materials. Chemosphere, 2020, 242, 125281.	4.2	25
9	Development of a novel base liner material for offshore final disposal sites and the assessment of its hydraulic conductivity. Waste Management, 2020, 102, 190-197.	3.7	5
10	Review on transesterification of non-edible sources for biodiesel production with a focus on economic aspects, fuel properties and by-product applications. Energy Conversion and Management, 2019, 201, 112155.	4.4	246
11	A new approach for modeling flux variation in membrane filtration and experimental verification. Water Research, 2019, 166, 115027.	5.3	20
12	Phytoremediation potential and control of Phragmites australis as a green phytomass: an overview. Environmental Science and Pollution Research, 2019, 26, 7428-7441.	2.7	83
13	Development on the Technology for Offshore Waste Final Disposal in S. Korea. Lecture Notes in Civil Engineering, 2019, , 17-42.	0.3	0
14	Current Scenario of the Tehran Municipal Solid Waste Handling Rules towards Green Technology. International Journal of Environmental Research and Public Health, 2019, 16, 979.	1.2	25
15	The effects of surfactants (sodium dodecyl sulfate, triton X-100 and cetyl trimethyl ammonium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Technology, 2019, 273, 565-572.	4.8	19
16	Removal of Acid Orange 7 dye from wastewater using combination of ultraviolet radiation, ultrasonic method, and MgO nanoparticles. Environmental Health Engineering and Management, 2019, 6, 157-170.	0.3	2
17	Oyster Shell as a Low-Cost Adsorbent for Removing Heavy Metal Ions from Wastewater. Polish Journal of Environmental Studies, 2019, 28, 2949-2959.	0.6	30
18	Adsorption characteristics of cadmium ions from aqueous solution onto pine sawdust biomass and biochar. BioResources, 2019, 14, 4270-4283.	0.5	7

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19	Adsorption properties of heavy metal ions in landfill leachate by Na-bentonite. Materialpruefung/Materials Testing, 2019, 61, 81-87.	0.8	6
20	Evaluation of Fuel Quality for Solid Culm Bamboo from Myanmar by a Comparative Study. New & Renewable Energy, 2019, 15, 66-74.	0.1	0
21	Environmentally sustainable applications of agro-based spent mushroom substrate (SMS): an overview. Journal of Material Cycles and Waste Management, 2018, 20, 1383-1396.	1.6	122
22	Optimization of aluminium recovery from water treatment sludge using Response Surface Methodology. Journal of Environmental Management, 2018, 228, 13-19.	3.8	65
23	Swelling Capacity and Hydraulic Conductivity of Polymer-Modified Bentonite under Saline Water Conditions. Applied Sciences (Switzerland), 2018, 8, 1025.	1.3	6
24	Microplastics pollution in different aquatic environments and biota: A review of recent studies. Marine Pollution Bulletin, 2018, 133, 191-208.	2.3	441
25	ZEOLITE MIXTURES AS ADSORPTIVE FILL MATERIAL WITH SUSTAINABLE BEARING CAPACITY. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	2
26	Performance of a salt-resistant mixture of bentonite and field soil as impermeable material in solid waste landfills. Materialpruefung/Materials Testing, 2018, 60, 1232-1240.	0.8	1
27	Synthesis of fluorescent naphthalimide-functionalized Fe3O4 nanoparticles and their application for the selective detection of Zn2+ present in contaminated soil. Sensors and Actuators B: Chemical, 2017, 243, 1034-1041.	4.0	24
28	Dynamic Shear Degradation of Geosyntheticâ€“Soil Interface in Waste Landfill Sites. Applied Sciences (Switzerland), 2017, 7, 1225.	1.3	1
29	Selective detection of Hg2+ using fluorescent rhodamine-functionalized Fe3O4 nanoparticles. RSC Advances, 2016, 6, 79405-79409.	1.7	6
30	A developed soil column test device for measuring the electrical conductivity breakthrough curves. Environmental Earth Sciences, 2014, 72, 3715-3722.	1.3	3
31	Effects of washing solution and drying condition on reactivity of nano-scale zero valent irons (nZVIs) synthesized by borohydride reduction. Chemosphere, 2014, 97, 146-152.	4.2	42
32	Dynamic shear behavior of concrete-soil interface based on cyclic simple shear test. KSCE Journal of Civil Engineering, 2014, 18, 787-793.	0.9	6
33	Application of a newly developed column test device to analyze seawater transport in sandy soils. Environmental Earth Sciences, 2013, 70, 2397-2404.	1.3	6
34	Removal of arsenate and arsenite from aqueous solution by waste cast iron. Journal of Environmental Sciences, 2012, 24, 589-595.	3.2	8
35	Removal characteristics of As(III) and As(V) from acidic aqueous solution by steel making slag. Journal of Hazardous Materials, 2012, 213-214, 147-155.	6.5	106
36	Partitioning tracer method for quantifying the residual saturation of refined petroleum products in saturated soil. Environmental Earth Sciences, 2011, 64, 2059-2066.	1.3	5

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37	Effect of soil organic carbon on the quantification of jet-fuels in soil using partitioning tracer method. Journal of Hazardous Materials, 2010, 184, 49-57.	6.5	0
38	Adsorption of Cr(VI) on hexadecylpyridinium bromide (HDPB) modified natural zeolites. Microporous and Mesoporous Materials, 2010, 130, 83-91.	2.2	109
39	Removal of chromate from water using surfactant modified Pohang clinoptilolite and Haruna chabazite. Desalination, 2010, 257, 102-109.	4.0	51
40	The influence of temperature and cycles on acoustic and mechanical properties of frozen soils. KSCE Journal of Civil Engineering, 2009, 13, 153-159.	0.9	25
41	Effect of salt of various concentrations on liquid limit, and hydraulic conductivity of different soil-bentonite mixtures. Environmental Geology, 2009, 57, 1145-1153.	1.2	55
42	Analysis of resistivity data obtained from cone penetrometer in contaminated soil layers. Environmental Geology, 2009, 58, 1309-1317.	1.2	5
43	Characterization and coagulation performance of a novel inorganic polymer coagulantâ€"Poly-zinc-silicate-sulfate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 334, 147-154.	2.3	112
44	Influences of solution and mixed soil on estimating bentonite content in slurry using electrical conductivity. Applied Clay Science, 2009, 43, 408-414.	2.6	5
45	Applicability of grid-net detection system for landfill leachate and diesel fuel release in the subsurface. Journal of Contaminant Hydrology, 2008, 96, 69-82.	1.6	21
46	Arrangement and Performance of Permeable Reactive Well (PRW) through Modeling. , 2008, , .		0
47	Development of a New Zero-Valent Iron Zeolite Material to Reduce Nitrate without Ammonium Release. Journal of Environmental Engineering, ASCE, 2007, 133, 6-12.	0.7	37
48	Laboratory study on the dielectric properties of contaminated soil using CPT deployed probe. Geosciences Journal, 2007, 11, 121-130.	0.6	4
49	Effects of surfactants and electrolyte solutions on the properties of soil. Environmental Geology, 2006, 49, 977-989.	1.2	45
50	Factors affecting the complex permittivity spectrum of soil at a low frequency range of 1ÂkHzâ€"10ÂMHz. Environmental Geology, 2006, 51, 821-833.	1.2	38
51	Simultaneous Removal of Cd and Cr(VI) Using Fe-Loaded Zeolite. Journal of Environmental Engineering, ASCE, 2006, 132, 445-450.	0.7	20
52	Oyster Shell as Substitute for Aggregate in Mortar. Waste Management and Research, 2004, 22, 158-170.	2.2	80
53	Pilot-scale field model tests for detecting landfill leachate intrusion into the subsurface using a grid-net electrical conductivity measurement system. Environmental Geology, 2003, 45, 181-189.	1.2	4
54	Dielectric dispersion characteristics of sand contaminated by heavy metal, landfill leachate and BTEX (02-104B). Journal of Hazardous Materials, 2003, 105, 83-102.	6.5	17