

Minhee Lee

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

599
citations

840776

11
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of nonionic surfactant-enhanced in situ flushing to a diesel contaminated site. <i>Water Research</i> , 2005, 39, 139-146.	11.3	109
2	Remediation of heavy metal contaminated groundwater originated from abandoned mine using lime and calcium carbonate. <i>Journal of Hazardous Materials</i> , 2007, 144, 208-214.	12.4	105
3	Rhizofiltration using sunflower (<i>Helianthus annuus</i> L.) and bean (<i>Phaseolus vulgaris</i> L. var. <i>vulgaris</i>) to remediate uranium contaminated groundwater. <i>Journal of Hazardous Materials</i> , 2010, 173, 589-596.	12.4	90
4	Biosorption of cadmium, copper, and lead ions from aqueous solutions by <i>Ralstonia</i> sp. and <i>Bacillus</i> sp. isolated from diesel and heavy metal contaminated soil. <i>Geosciences Journal</i> , 2009, 13, 331-341.	1.2	37
5	Soil washing of As-contaminated stream sediments in the vicinity of an abandoned mine in Korea. <i>Environmental Geochemistry and Health</i> , 2007, 29, 319-329.	3.4	36
6	Pilot scale feasibility study for in-situ chemical oxidation using H ₂ O ₂ solution conjugated with biodegradation to remediate a diesel contaminated site. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 173-181.	12.4	32
7	Heavy metal removal in groundwater originating from acid mine drainage using dead <i>Bacillus drentensis</i> sp. immobilized in polysulfone polymer. <i>Journal of Environmental Management</i> , 2014, 146, 568-574.	7.8	32
8	Uranium and cesium accumulation in bean (<i>Phaseolus vulgaris</i> L. var. <i>vulgaris</i>) and its potential for uranium rhizofiltration. <i>Journal of Environmental Radioactivity</i> , 2015, 140, 42-49.	1.7	22
9	Equilibrium and Kinetic Studies of the Biosorption of Dissolved Metals on <i>Bacillus drentensis</i> Immobilized in Biocarrier Beads. <i>Environmental Engineering Research</i> , 2013, 18, 45-53.	2.5	20
10	Visualization of oxygen transfer across the air-water interface using a fluorescence oxygen visualization method. <i>Water Research</i> , 2002, 36, 2140-2146.	11.3	14
11	Removal of copper and cadmium in acid mine drainage using Ca-alginate beads as biosorbent. <i>Geosciences Journal</i> , 2017, 21, 373-383.	1.2	13
12	In-situ biosurfactant flushing, coupled with a highly pressurized air injection, to remediate the bunker oil contaminated site. <i>Geosciences Journal</i> , 2011, 15, 313-321.	1.2	11
13	The Effectiveness of Surfactants for Remediation of Organic Pollutants in the Unsaturated Zone. <i>Journal of Soil Contamination</i> , 1999, 8, 39-62.	0.5	9
14	Physical property changes of sandstones in Korea derived from the supercritical CO ₂ -sandstone-groundwater geochemical reaction under CO ₂ sequestration condition. <i>Geosciences Journal</i> , 2015, 19, 313-324.	1.2	9
15	Cesium removal from a water system using a polysulfone carrier containing nitric acid-treated bamboo charcoal. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106374.	1.7	9
16	Estimates of scCO ₂ Storage and Sealing Capacity of the Janggi Basin in Korea Based on Laboratory Scale Experiments. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 515.	2.0	8
17	Measurement of the scCO ₂ Storage Ratio for the CO ₂ Reservoir Rocks in Korea. <i>Energy Procedia</i> , 2016, 97, 342-347.	1.8	7
18	Pilot Scale Feasibility Test of In-situ Soil Flushing by using 'Tween 80' Solution at Low Concentration for the Xylene Contaminated Site. <i>Journal of Soil and Groundwater Environment</i> , 2013, 18, 38-47.	0.1	7

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19	Study on the Dissolution of Sandstones in Gyeongsang Basin and the Calculation of Their Dissolution Coefficients under CO ₂ Injection Condition. <i>Economic and Environmental Geology</i> , 2012, 45, 661-672.	0.4	7
20	Uranium Rhizofiltration by <i>Lactuca sativa</i> , <i>Brassica campestris</i> L., <i>Raphanus sativus</i> L., <i>Oenanthe javanica</i> under Different Hydroponic Conditions. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 41.	2.0	5
21	Surfactant-enhanced Soil Washing using Tween and Tergitol Series Surfactants for Kuwait Soil Heavily Contaminated with Crude Oil. <i>Journal of Soil and Groundwater Environment</i> , 2015, 20, 26-33.	0.1	5
22	Visualization of oxygen concentration in water bodies using a fluorescence technique. <i>Water Research</i> , 2000, 34, 2842-2845.	11.3	4
23	The Use of the Surface Roughness Value to Quantify the Extent of Supercritical CO ₂ Involved Geochemical Reaction at a CO ₂ Sequestration Site. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 572.	2.5	4
24	Investigation of the Relationship between CO ₂ Reservoir Rock Property Change and the Surface Roughness Change Originating from the Supercritical CO ₂ -Sandstone-groundwater Geochemical Reaction at CO ₂ Sequestration Condition. <i>Energy Procedia</i> , 2015, 76, 495-502.	1.8	3
25	Application of Rhizofiltration using Lettuce, Chinese Cabbage, Radish Sprouts and Buttercup for the Remediation of Uranium Contaminated Groundwater. <i>Journal of Soil and Groundwater Environment</i> , 2014, 19, 37-48.	0.1	1
26	Removal of Benzene in Solution by using the Bio-carrier with Dead <i>Bacillus drentensis</i> sp. and Polysulfone. <i>Journal of Soil and Groundwater Environment</i> , 2013, 18, 46-56.	0.1	0
27	Evaluation of Rhizofiltration for Uranium Removal with Calculation of the Removal Capacity of <i>Raphanus sativus</i> L.. <i>Journal of Soil and Groundwater Environment</i> , 2015, 20, 43-52.	0.1	0