

Bojeong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,483
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

4011
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivity of binary manganese oxide mixtures towards arsenite removal: Evidence of synergistic effects. <i>Applied Geochemistry</i> , 2021, 130, 104939.	3.0	7
2	Effects of structural cobalt on the stability and reactivity of hausmannite and manganite: Cobalt coordination chemistry and arsenite oxidation. <i>Chemical Geology</i> , 2021, 583, 120453.	3.3	3
3	Effects of Ni incorporation on the reactivity and stability of hausmannite (Mn ₃ O ₄): Environmental implications for Mn, Ni, and As solubility and cycling. <i>Chemical Geology</i> , 2020, 558, 119862.	3.3	8
4	Effects, uptake, and translocation of aluminum oxide nanoparticles in lettuce: A comparison study to phytotoxic aluminum ions. <i>Science of the Total Environment</i> , 2020, 719, 137393.	8.0	48
5	Finding the conditions for the beneficial use of ZnO nanoparticles towards plants-A review. <i>Environmental Pollution</i> , 2018, 241, 1175-1181.	7.5	105
6	Aggregation and Colloidal Stability of Commercially Available Al ₂ O ₃ Nanoparticles in Aqueous Environments. <i>Nanomaterials</i> , 2016, 6, 90.	4.1	48
7	Zn, Cd, S and trace metal bioaccumulation in willow (<i>Salix</i> spp.) cultivars grown hydroponically. <i>International Journal of Phytoremediation</i> , 2016, 18, 1178-1186.	3.1	9
8	Silver Sulfidation in Thermophilic Anaerobic Digesters and Effects on Antibiotic Resistance Genes. <i>Environmental Engineering Science</i> , 2016, 33, 1-10.	1.6	13
9	Analytical Transmission Electron Microscopy and Scanning Transmission Electron Microscopy Techniques for the Characterization of Nanomaterial Composition, Phase and Crystallinity. <i>Frontiers of Nanoscience</i> , 2015, , 123-152.	0.6	3
10	Nanoparticle-Supported Lipid Bilayers as an In Situ Remediation Strategy for Hydrophobic Organic Contaminants in Soils. <i>Environmental Science & Technology</i> , 2015, 49, 529-536.	10.0	38
11	Integrated Approaches of X-ray Absorption Spectroscopic and Electron Microscopic Techniques on Zinc Speciation and Characterization in a Final Sewage Sludge Product. <i>Journal of Environmental Quality</i> , 2014, 43, 908-916.	2.0	21
12	Net Methylation of Mercury in Estuarine Sediment Microcosms Amended with Dissolved, Nanoparticulate, and Microparticulate Mercuric Sulfides. <i>Environmental Science & Technology</i> , 2014, 48, 9133-9141.	10.0	97
13	Antimicrobial nanotechnology: its potential for the effective management of microbial drug resistance and implications for research needs in microbial nanotoxicology. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 93-102.	3.5	98
14	Low Concentrations of Silver Nanoparticles in Biosolids Cause Adverse Ecosystem Responses under Realistic Field Scenario. <i>PLoS ONE</i> , 2013, 8, e57189.	2.5	284
15	Methylation of Mercury by Bacteria Exposed to Dissolved, Nanoparticulate, and Microparticulate Mercuric Sulfides. <i>Environmental Science & Technology</i> , 2012, 46, 6950-6958.	10.0	208
16	Characterization and environmental implications of nano- and larger TiO ₂ particles in sewage sludge, and soils amended with sewage sludge. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1129.	2.1	94
17	Effect of soil metal contamination on glyphosate mineralization: Role of zinc in the mineralization rates of two copper-spiked mineral soils. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 596-601.	4.3	12
18	Discovery and Characterization of Silver Sulfide Nanoparticles in Final Sewage Sludge Products. <i>Environmental Science & Technology</i> , 2010, 44, 7509-7514.	10.0	511

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19	Influence of Ionic Strength, pH, and Cation Valence on Aggregation Kinetics of Titanium Dioxide Nanoparticles. <i>Environmental Science & Technology</i> , 2009, 43, 1354-1359.	10.0	691
20	Phytotoxic Effects of Cu and Zn on Soybeans Grown in Field-Aged Soils: Their Additive and Interactive Actions. <i>Journal of Environmental Quality</i> , 2009, 38, 2253-2259.	2.0	19
21	A COMPARISON OF TESTS FOR EXTRACTABLE COPPER AND ZINC IN METAL-SPIKED AND FIELD-CONTAMINATED SOIL. <i>Soil Science</i> , 2009, 174, 439-444.	0.9	54
22	The long-term effect of sludge application on Cu, Zn, and Mo behavior in soils and accumulation in soybean seeds. <i>Plant and Soil</i> , 2007, 299, 227-236.	3.7	18
23	Capillary electrophoresis of trace metals in highly saline physiological sample matrices. <i>Electrophoresis</i> , 2003, 24, 2788-2795.	2.4	37
24	Large-volume stacking in capillary electrophoresis using a methanol run buffer. <i>Electrophoresis</i> , 2002, 23, 49.	2.4	56
25	Nanoscale Analytical Transmission Electron Microscopy Techniques Applicable to Wetland Research and Monitoring. <i>Soil Science Society of America Book Series</i> , 0, , 857-878.	0.3	1