Bojeong Kim

List of Publications by Year
in descending order

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		471509	610901
25	2,483	17	24
papers	citations	h-index	g-index

25	25	25	4011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of Ionic Strength, pH, and Cation Valence on Aggregation Kinetics of Titanium Dioxide Nanoparticles. Environmental Science & Technology, 2009, 43, 1354-1359.	10.0	691
2	Discovery and Characterization of Silver Sulfide Nanoparticles in Final Sewage Sludge Products. Environmental Science & Technology, 2010, 44, 7509-7514.	10.0	511
3	Low Concentrations of Silver Nanoparticles in Biosolids Cause Adverse Ecosystem Responses under Realistic Field Scenario. PLoS ONE, 2013, 8, e57189.	2.5	284
4	Methylation of Mercury by Bacteria Exposed to Dissolved, Nanoparticulate, and Microparticulate Mercuric Sulfides. Environmental Science & Technology, 2012, 46, 6950-6958.	10.0	208
5	Finding the conditions for the beneficial use of ZnO nanoparticles towards plants-A review. Environmental Pollution, 2018, 241, 1175-1181.	7.5	105
6	Antimicrobial nanotechnology: its potential for the effective management of microbial drug resistance and implications for research needs in microbial nanotoxicology. Environmental Sciences: Processes and Impacts, 2013, 15, 93-102.	3.5	98
7	Net Methylation of Mercury in Estuarine Sediment Microcosms Amended with Dissolved, Nanoparticulate, and Microparticulate Mercuric Sulfides. Environmental Science & Technology, 2014, 48, 9133-9141.	10.0	97
8	Characterization and environmental implications of nano- and larger TiO2 particles in sewage sludge, and soils amended with sewage sludge. Journal of Environmental Monitoring, 2012, 14, 1129.	2.1	94
9	Large-volume stacking in capillary electrophoresis using a methanol run buffer. Electrophoresis, 2002, 23, 49.	2.4	56
10	A COMPARISON OF TESTS FOR EXTRACTABLE COPPER AND ZINC IN METAL-SPIKED AND FIELD-CONTAMINATED SOIL. Soil Science, 2009, 174, 439-444.	0.9	54
11	Aggregation and Colloidal Stability of Commercially Available Al2O3 Nanoparticles in Aqueous Environments. Nanomaterials, 2016, 6, 90.	4.1	48
12	Effects, uptake, and translocation of aluminum oxide nanoparticles in lettuce: A comparison study to phytotoxic aluminum ions. Science of the Total Environment, 2020, 719, 137393.	8.0	48
13	Nanoparticle-Supported Lipid Bilayers as an In Situ Remediation Strategy for Hydrophobic Organic Contaminants in Soils. Environmental Science & Technology, 2015, 49, 529-536.	10.0	38
14	Capillary electrophoresis of trace metals in highly saline physiological sample matrices. Electrophoresis, 2003, 24, 2788-2795.	2.4	37
15	Integrated Approaches of Xâ€Ray Absorption Spectroscopic and Electron Microscopic Techniques on Zinc Speciation and Characterization in a Final Sewage Sludge Product. Journal of Environmental Quality, 2014, 43, 908-916.	2.0	21
16	Phytotoxic Effects of Cu and Zn on Soybeans Grown in Fieldâ€Aged Soils: Their Additive and Interactive Actions. Journal of Environmental Quality, 2009, 38, 2253-2259.	2.0	19
17	The long-term effect of sludge application on Cu, Zn, and Mo behavior in soils and accumulation in soybean seeds. Plant and Soil, 2007, 299, 227-236.	3.7	18
18	Silver Sulfidation in Thermophilic Anaerobic Digesters and Effects on Antibiotic Resistance Genes. Environmental Engineering Science, 2016, 33, 1-10.	1.6	13

#	Article	IF	Citations
19	Effect of soil metal contamination on glyphosate mineralization: Role of zinc in the mineralization rates of two copperâ€spiked mineral soils. Environmental Toxicology and Chemistry, 2011, 30, 596-601.	4.3	12
20	Zn, Cd, S and trace metal bioaccumulation in willow (Salix spp.) cultivars grown hydroponically. International Journal of Phytoremediation, 2016, 18, 1178-1186.	3.1	9
21	Effects of Ni incorporation on the reactivity and stability of hausmannite (Mn3O4): Environmental implications for Mn, Ni, and As solubility and cycling. Chemical Geology, 2020, 558, 119862.	3.3	8
22	Reactivity of binary manganese oxide mixtures towards arsenite removal: Evidence of synergistic effects. Applied Geochemistry, 2021, 130, 104939.	3.0	7
23	Analytical Transmission Electron Microscopy and Scanning Transmission Electron Microscopy Techniques for the Characterization of Nanomaterial Composition, Phase and Crystallinity. Frontiers of Nanoscience, 2015, , 123-152.	0.6	3
24	Effects of structural cobalt on the stability and reactivity of hausmannite and manganite: Cobalt coordination chemistry and arsenite oxidation. Chemical Geology, 2021, 583, 120453.	3.3	3
25	Nanoscale Analytical Transmission Electron Microscopy Techniques Applicable to Wetland Research and Monitoring. Soil Science Society of America Book Series, 0, , 857-878.	0.3	1