

# Kyoung-Woong Kim

## List of Publications by Year in descending order

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229  
papers

9,393  
citations

29994

54  
h-index

58464

82  
g-index

234  
all docs

234  
docs citations

234  
times ranked

10156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil contamination and health risk assessment from heavy metals exposure near mining area in Bac Kan province, Vietnam. <i>Environmental Geochemistry and Health</i> , 2022, 44, 1189-1202.	1.8	19
2	Predicting As Contamination Risk in Red River Delta using Machine Learning Algorithms. <i>Economic and Environmental Geology</i> , 2022, 55, 127-135.	0.2	0
3	Novel application of xanthan gum-based biopolymer for heavy metal immobilization in soil. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108240.	3.3	9
4	The bioleaching assessment for nuclear power plant-soil contaminated with Co and Cs using <i>A.Thiooxidans</i> sp. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104791.	3.3	7
5	The interplay between environmental exposures and COVID-19 risks in the health of children. <i>Environmental Health</i> , 2021, 20, 34.	1.7	13
6	Influence of Mining Activities on Arsenic Concentration in Rice in Asia: A Review. <i>Minerals (Basel)</i> , 2021, 11, 509.	0.8	11
7	Assessing Salinization and Water Quality in Koh Kong Coastal Areas of Cambodia: Potential Impacts of Climate Change. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	63
8	Lead contamination of the mining and smelting district in Mitrovica, Kosovo. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1033-1044.	1.8	11
9	Human health risk assessment of cadmium exposure through rice consumption in cadmium-contaminated areas of the Mae Tao sub-district, Tak, Thailand. <i>Environmental Geochemistry and Health</i> , 2020, 42, 2331-2344.	1.8	29
10	A study on Pb removal kinetics using modified agricultural wastes from Tanzania. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	3
11	Variability of water quality and metal pollution index in the Ganges River, Bangladesh. <i>Environmental Science and Pollution Research</i> , 2020, 27, 42582-42599.	2.7	49
12	Comparison of five extraction methods for evaluating cadmium and zinc immobilization in soil. <i>Environmental Geochemistry and Health</i> , 2020, 42, 4203-4212.	1.8	14
13	One-pot fabrication of amino acid and peptide stabilized gold nanoclusters for the measurement of the lead in plasma samples using chemically modified cellulose paper. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128603.	4.0	19
14	Contamination of heavy metals in paddy soil in the vicinity of Nui Phao multi-metal mine, North Vietnam. <i>Environmental Geochemistry and Health</i> , 2020, 42, 4141-4158.	1.8	23
15	Assessment and source identification of As and Cd contamination in soil and plants in the vicinity of the Nui Phao Mine, Vietnam. <i>Environmental Geochemistry and Health</i> , 2020, 42, 4193-4201.	1.8	13
16	Probabilistic assessment of the daily intake of microelements and toxic elements via the consumption of rice with different degrees of polishing. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4029-4039.	1.7	7
17	Global Market and Field Studies of Arsenic Accumulation in Rice. , 2020, , 235-260.		2
18	Assessment of the stabilization of heavy metal contaminants in soils using chemical leaching and an earthworm bioassay. <i>Environmental Geochemistry and Health</i> , 2019, 41, 447-460.	1.8	15

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19	Influence of chloride ions on the reduction of mercury species in the presence of dissolved organic matter. <i>Environmental Geochemistry and Health</i> , 2019, 41, 71-79.	1.8	13
20	Assessment of water quality and trace metal contaminations in Mondolkiri province in the Northeastern part of Cambodia. <i>Environmental Geochemistry and Health</i> , 2019, 41, 401-409.	1.8	7
21	Arsenic health risk assessment related to rice consumption behaviors in adults living in Northern Thailand. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 674.	1.3	10
22	Geo-ecological evaluation of mineral, major and trace elemental composition in waste rocks, soils and sediments of a gold mining area and potential associated risks. <i>Catena</i> , 2019, 183, 104229.	2.2	34
23	Uptake of arsenic and heavy metals by native plants growing near Nui Phao multi-metal mine, northern Vietnam. <i>Applied Geochemistry</i> , 2019, 108, 104368.	1.4	27
24	Exposure to arsenic in utero is associated with various types of DNA damage and micronuclei in newborns: a birth cohort study. <i>Environmental Health</i> , 2019, 18, 51.	1.7	31
25	Editorial. <i>Environmental Geochemistry and Health</i> , 2019, 41, 323-323.	1.8	0
26	Effect of membrane property and feed water organic matter quality on long-term performance of the gravity-driven membrane filtration process. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1152-1162.	2.7	25
27	Colloid mobilization and heavy metal transport in the sampling of soil solution from Duckum soil in South Korea. <i>Environmental Geochemistry and Health</i> , 2019, 41, 469-480.	1.8	11
28	Reductive dissolution and sequestration of arsenic by microbial iron and thiosulfate reduction. <i>Environmental Geochemistry and Health</i> , 2019, 41, 461-467.	1.8	8
29	Distribution and ecological risks of polycyclic aromatic hydrocarbons (PAHs) in sediments of different tropical water ecosystems in Niger Delta, Nigeria. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	23
30	The enhancement and inhibition of mercury reduction by natural organic matter in the presence of <i>Shewanella oneidensis</i> MR-1. <i>Chemosphere</i> , 2018, 194, 515-522.	4.2	27
31	Removal of As(V) and Sb(V) in aqueous solution by Mg/Al-layered double hydroxide-incorporated polyethersulfone polymer beads (PES-LDH). <i>Environmental Geochemistry and Health</i> , 2018, 40, 2119-2129.	1.8	16
32	Comparative toxicity of silver nanoparticles and silver ions to <i>Escherichia coli</i> . <i>Journal of Environmental Sciences</i> , 2018, 66, 50-60.	3.2	92
33	Removal of As(V) and Sb(V) in water using magnetic nanoparticle-supported layered double hydroxide nanocomposites. <i>Journal of Geochemical Exploration</i> , 2018, 184, 247-254.	1.5	35
34	Arsenic biotransformation potential of microbial <i>arsH</i> responses in the biogeochemical cycling of arsenic-contaminated groundwater. <i>Chemosphere</i> , 2018, 191, 729-737.	4.2	33
35	Comparative sorption isotherms and removal studies for Pb(II) by physical and thermochemical modification of low-cost agro-wastes from Tanzania. <i>Chemosphere</i> , 2018, 195, 135-145.	4.2	70
36	Enhanced adsorption of arsenate and antimonate by calcined Mg/Al layered double hydroxide: Investigation of comparative adsorption mechanism by surface characterization. <i>Chemosphere</i> , 2018, 211, 903-911.	4.2	59

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37	Characterization of silver nanoparticle aggregates using single particle-inductively coupled plasma-mass spectrometry (spICP-MS). <i>Chemosphere</i> , 2017, 171, 468-475.	4.2	17
38	Defining the copper binding aptamotif and aptamer integrated recovery platform (AIRP). <i>Nanoscale</i> , 2017, 9, 2883-2894.	2.8	35
39	Single and combined effects of phosphate, silicate, and natural organic matter on arsenic removal from soft and hard groundwater using ferric chloride. <i>Hydrogeology Journal</i> , 2017, 25, 1183-1190.	0.9	5
40	Mechanisms Underlying Latent Disease Risk Associated with Early-Life Arsenic Exposure: Current Research Trends and Scientific Gaps. <i>Environmental Health Perspectives</i> , 2016, 124, 170-175.	2.8	55
41	Geochemical Distribution of Trace Elements in Groundwater from the North Mara Large-scale Gold Mining Area of Tanzania. <i>Ground Water Monitoring and Remediation</i> , 2016, 36, 83-93.	0.6	15
42	Fluxes of nutrients and trace metals across the sediment-water interface controlled by sediment-capping agents: bentonite and sand. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 566.	1.3	12
43	Dietary exposure and human risk assessment of phthalate esters based on total diet study in Cambodia. <i>Environmental Research</i> , 2016, 150, 423-430.	3.7	34
44	Selenate removal by zero-valent iron in oxic condition: the role of Fe(II) and selenate removal mechanism. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1081-1090.	2.7	33
45	Current status of arsenic exposure and social implication in the Mekong River basin of Cambodia. <i>Environmental Geochemistry and Health</i> , 2016, 38, 763-772.	1.8	8
46	Citrate coated silver nanoparticles change heavy metal toxicities and bioaccumulation of <i>Daphnia magna</i> . <i>Chemosphere</i> , 2016, 143, 99-105.	4.2	57
47	Ecological assessment of coal mine and metal mine drainage in South Korea using <i>Daphnia magna</i> bioassay. <i>SpringerPlus</i> , 2015, 4, 518.	1.2	12
48	Enhanced Arsenate Removal Performance in Aqueous Solution by Yttrium-Based Adsorbents. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13523-13541.	1.2	24
49	Field assessment of arsenic immobilization in soil amended with iron rich acid mine drainage sludge. <i>Journal of Cleaner Production</i> , 2015, 108, 1073-1080.	4.6	49
50	Simultaneous photooxidation and sorptive removal of As(III) by TiO <sub>2</sub> supported layered double hydroxide. <i>Journal of Environmental Management</i> , 2015, 161, 228-236.	3.8	22
51	Humic Acid from Livestock Dung: Ecofriendly Corrosion Inhibitor for 3SR Aluminum Alloy in Alkaline Medium. <i>Chemical Engineering Communications</i> , 2015, 202, 206-216.	1.5	15
52	Flavobacterium arsenitoxidans sp. nov., an arsenite-oxidizing bacterium from Thai soil. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 1239-1246.	0.7	18
53	Kriging interpolation method for laser induced breakdown spectroscopy (LIBS) analysis of Zn in various soils. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 76-84.	1.6	21
54	Environmental arsenic epidemiology in the Mekong river basin of Cambodia. <i>Environmental Research</i> , 2014, 135, 37-41.	3.7	4

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55	Human health risk assessment for ingestion exposure to groundwater contaminated by naturally occurring mixtures of toxic heavy metals in the Lao PDR. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4905-4923.	1.3	40
56	Assessing arsenic intake from groundwater and rice by residents in Prey Veng province, Cambodia. <i>Environmental Pollution</i> , 2014, 185, 84-89.	3.7	21
57	Fundamentals of electrokinetics. <i>Arsenic in the Environment</i> , 2014, , 87-113.	0.0	1
58	The role of <i>Acidithiobacillus ferrooxidans</i> and <i>Acidithiobacillus thiooxidans</i> in arsenic bioleaching from soil. <i>Environmental Geochemistry and Health</i> , 2013, 35, 727-733.	1.8	29
59	Simultaneous stabilization of arsenic, lead, and copper in contaminated soil using mixed waste resources. <i>Environmental Earth Sciences</i> , 2013, 69, 1813-1820.	1.3	22
60	Arsenic contamination in the food chain and its risk assessment of populations residing in the Mekong River basin of Cambodia. <i>Journal of Hazardous Materials</i> , 2013, 262, 1064-1071.	6.5	66
61	Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. <i>Environmental Pollution</i> , 2013, 182, 111-119.	3.7	45
62	Arsenic immobilization in water and soil using acid mine drainage sludge. <i>Applied Geochemistry</i> , 2013, 35, 1-6.	1.4	22
63	Bioaccumulation and the soil factors affecting the uptake of arsenic in earthworm, <i>Eisenia fetida</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 8326-8333.	2.7	17
64	Rapid detection of soils contaminated with heavy metals and oils by laser induced breakdown spectroscopy (LIBS). <i>Journal of Hazardous Materials</i> , 2013, 263, 754-760.	6.5	67
65	Arsenic concentration in rice, fish, meat and vegetables in Cambodia: a preliminary risk assessment. <i>Environmental Geochemistry and Health</i> , 2013, 35, 745-755.	1.8	37
66	Arsenic ecotoxicology: The interface between geosphere, hydrosphere and biosphere. <i>Journal of Hazardous Materials</i> , 2013, 262, 883-886.	6.5	18
67	Dietary exposure and risk assessment of mercury via total diet study in Cambodia. <i>Chemosphere</i> , 2013, 92, 143-149.	4.2	58
68	The difference of diffusion coefficients in water for arsenic compounds at various pH and its dominant factors implied by molecular simulations. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 105, 360-371.	1.6	47
69	Condition factor, hydrocarbons and bacterial burdens of shellfishes from mudflats in the Qua Iboe Estuary, Nigeria. <i>Geosystem Engineering</i> , 2013, 16, 156-164.	0.7	1
70	Arsenic: from toxic compound to medical treatment. <i>Geosystem Engineering</i> , 2013, 16, 139-145.	0.7	0
71	Toxicokinetics and Biotransformation of As(III) and As(V) in <i>Eisenia fetida</i> . <i>Human and Ecological Risk Assessment (HERA)</i> , 2013, 19, 792-806.	1.7	14
72	Study on adsorption/desorption of As by mine sludge depending on pH and natural organic matter. <i>Geosystem Engineering</i> , 2013, 16, 191-199.	0.7	4

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73	Are existing drinking water sources safe from As contamination in Hanam province, Vietnam?. <i>Geochemical Journal</i> , 2013, 47, 363-368.	0.5	2
74	The role of pH in metal ion removal using coir dust and its modified extract resins. <i>Geosystem Engineering</i> , 2012, 15, 269-279.	0.7	2
75	Determination of lead in soil at a historical mining and smelting site using laser-induced breakdown spectroscopy. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2177-2184.	1.2	15
76	Nanoparticles in the environment: stability and toxicity. <i>Reviews on Environmental Health</i> , 2012, 27, 175-9.	1.1	15
77	Petroleum hydrocarbons and trace metal loads in the mangrove oyster ( <i>Crassostrea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2012, 15, 50-59.	0.7	6
78	The 2010 Korean soil preservation act: Will stabilization techniques still be feasible?. <i>Geochemical Journal</i> , 2012, 46, e17-e19.	0.5	8
79	Comparative study of simultaneous removal of As, Cu, and Pb using different combinations of electrokinetics with bioleaching by <i>Acidithiobacillus ferrooxidans</i> . <i>Water Research</i> , 2012, 46, 5591-5599.	5.3	42
80	Arsenic Adsorption by Fe Loaded on RH-MCM-41 Synthesized from Rice Husk Silica. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 119-128.	0.7	13
81	Anaerobic, Nitrate-Dependent Oxidation of Pyrite Nanoparticles by <i>Thiobacillus denitrificans</i> . <i>Environmental Science &amp; Technology</i> , 2012, 46, 2095-2101.	4.6	131
82	Phytoremediation of soil contaminated with heavy metals using <i>Brassica napus</i> . <i>Geosystem Engineering</i> , 2012, 15, 10-18.	0.7	33
83	Optimization of As(V) adsorption on Fe-RH-MCM-41-immobilized GAC using Box-Behnken Design: Effects of pH, loadings, and initial concentrations. <i>Applied Geochemistry</i> , 2012, 27, 1027-1034.	1.4	43
84	Arsenic stabilization in mine tailings using nano-sized magnetite and zero valent iron with the enhancement of mobility by surface coating. <i>Journal of Geochemical Exploration</i> , 2012, 113, 124-129.	1.5	56
85	<i>Comamonas terrae</i> sp. nov., an arsenite-oxidizing bacterium isolated from agricultural soil in Thailand. <i>Journal of General and Applied Microbiology</i> , 2012, 58, 245-251.	0.4	26
86	Stabilization of the As-contaminated soil from the metal mining areas in Korea. <i>Environmental Geochemistry and Health</i> , 2012, 34, 143-149.	1.8	24
87	Ex-situ field application of electrokinetics for remediation of shooting-range soil. <i>Environmental Geochemistry and Health</i> , 2012, 34, 151-159.	1.8	10
88	Preface. <i>Environmental Geochemistry and Health</i> , 2012, 34, 3-3.	1.8	1
89	Bioconversion of Crude Oil Production Sludge into Soil Conditioner Using Sawdust as Organic Amendment. <i>Geosystem Engineering</i> , 2011, 14, 51-58.	0.7	4
90	Sustainable Development in the Mining Sector and Its Evaluation Using Fuzzy AHP (Analytic Hierarchy) Tj ETQq0 0 0 rgBT /Overlock 10 T 0.7	0.7	19

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91	Review: Source, Fate, Toxicological Effect and Removal Technology of Pharmaceuticals in the Environment. <i>Geosystem Engineering</i> , 2011, 14, 35-42.	0.7	5
92	Community exposure to arsenic in the Mekong river delta, Southern Vietnam. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2025.	2.1	30
93	Development of Water Quality Indexes to Identify Pollutants in Vietnam's Surface Water. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 273-283.	0.7	47
94	Prediction of contamination potential of groundwater arsenic in Cambodia, Laos, and Thailand using artificial neural network. <i>Water Research</i> , 2011, 45, 5535-5544.	5.3	115
95	Daily intake and human risk assessment of organochlorine pesticides (OCPs) based on Cambodian market basket data. <i>Journal of Hazardous Materials</i> , 2011, 192, 1441-1449.	6.5	102
96	Implications of rainfall variability for seasonality and climate-induced risks concerning surface water quality in East Asia. <i>Journal of Hydrology</i> , 2011, 400, 323-332.	2.3	41
97	Contamination by arsenic and other trace elements of tube-well water along the Mekong River in Lao PDR. <i>Environmental Pollution</i> , 2011, 159, 567-576.	3.7	49
98	Surveillance on chronic arsenic exposure in the Mekong River basin of Cambodia using different biomarkers. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 215, 51-58.	2.1	19
99	Arsenic geochemistry of groundwater in Southeast Asia. <i>Frontiers of Medicine</i> , 2011, 5, 420-433.	1.5	92
100	Geochemical distribution of trace element concentrations in the vicinity of Boroo gold mine, Selenge Province, Mongolia. <i>Environmental Geochemistry and Health</i> , 2011, 33, 57-69.	1.8	42
101	Removal of arsenate from water by adsorbents: a comparative case study. <i>Environmental Geochemistry and Health</i> , 2011, 33, 133-141.	1.8	17
102	Preface: a special issue on mine reclamation and suitable management for heavy metals. <i>Environmental Geochemistry and Health</i> , 2011, 33, 1-2.	1.8	2
103	A feasibility study on bioelectrokinetics for the removal of heavy metals from tailing soil. <i>Environmental Geochemistry and Health</i> , 2011, 33, 3-11.	1.8	17
104	Natural attenuation of arsenic in the wetland system around abandoned mining area. <i>Environmental Geochemistry and Health</i> , 2011, 33, 71-80.	1.8	12
105	Effects of pH and dissolved oxygen on Cr(VI) removal in Fe(0)/H <sub>2</sub> O systems. <i>Journal of Hazardous Materials</i> , 2011, 186, 855-862.	6.5	84
106	Stabilization of arsenic-contaminated mine tailings using natural and calcined oyster shells. <i>Environmental Earth Sciences</i> , 2011, 64, 597-605.	1.3	39
107	Reduction and adsorption mechanisms of selenate by zero-valent iron and related iron corrosion. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 185-192.	10.8	135
108	Arsenic geochemistry and human health in South East Asia. <i>Reviews on Environmental Health</i> , 2011, 26, 71-78.	1.1	143



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109	Application of Laser Based Spectroscopic Monitoring into Soil Remediation Process of PAH-Contaminated Soil. <i>Geosystem Engineering</i> , 2011, 14, 15-22.	0.7	4
110	Application of Waste Resources for the Stabilization of Heavy Metals (Pb, Cu) in Firing Range Soils. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2011, 33, 71-76.	0.4	4
111	An Alternate Method for Fourier Transform Infrared (FTIR) Spectroscopic Determination of Soil Nitrate Using Derivative Analysis and Sample Treatments. <i>Water, Air, and Soil Pollution</i> , 2010, 206, 129-137.	1.1	19
112	Arsenic in an As-contaminated abandoned mine was mobilized from fern-rhizobium to frond-bacteria via the ars gene. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 862-873.	1.4	3
113	Geochemical and microbial effects on the mobilization of arsenic in mine tailing soils. <i>Environmental Geochemistry and Health</i> , 2010, 32, 31-44.	1.8	27
114	Arsenic detoxification potential of aox genes in arsenite-oxidizing bacteria isolated from natural and constructed wetlands in the Republic of Korea. <i>Environmental Geochemistry and Health</i> , 2010, 32, 95-105.	1.8	60
115	Anthropogenic influence on surface water quality of the Nhue and Day sub-river systems in Vietnam. <i>Environmental Geochemistry and Health</i> , 2010, 32, 227-236.	1.8	25
116	Synthesis and characterization of Fe-MCM-41 from rice husk silica by hydrothermal technique for arsenate adsorption. <i>Environmental Geochemistry and Health</i> , 2010, 32, 261-266.	1.8	13
117	Preface. <i>Environmental Geochemistry and Health</i> , 2010, 32, 259-260.	1.8	0
118	Arsenic in groundwater and sediment in the Mekong River delta, Vietnam. <i>Environmental Pollution</i> , 2010, 158, 2648-2658.	3.7	100
119	Mechanism for the stabilization/solidification of arsenic-contaminated soils with Portland cement and cement kiln dust. <i>Journal of Environmental Management</i> , 2010, 91, 2322-2328.	3.8	85
120	Metal content variation in wastewater and biosludge from Bangkok's central wastewater treatment plants. <i>Microchemical Journal</i> , 2010, 95, 326-332.	2.3	48
121	Integrative ecological health assessments of an acid mine stream and in situ pilot tests for wastewater treatments. <i>Ecological Engineering</i> , 2010, 36, 653-663.	1.6	25
122	Sources and Fate of As in the Environment. <i>Geosystem Engineering</i> , 2010, 13, 35-42.	0.7	29
123	Trace Elements in Ground and Packaged Water in Akwa Ibom State, Nigeria. <i>Geosystem Engineering</i> , 2010, 13, 57-68.	0.7	1
124	Analysis of variation and relation of climate, hydrology and water quality in the lower Mekong River. <i>Water Science and Technology</i> , 2010, 62, 1587-1594.	1.2	15
125	Spectroscopic Interpretation of PAH-Spectra in Minerals and Its Possible Application to Soil Monitoring. <i>Sensors</i> , 2010, 10, 3868-3881.	2.1	7
126	Heavy Metal Removal from Shooting Range Soil by Hybrid Electrokinetics with Bacteria and Enhancing Agents. <i>Environmental Science &amp; Technology</i> , 2010, 44, 9482-9487.	4.6	71



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127	Lead (Pb) Contamination of a Historical Mining and Smelting Site in Europe: Fractionation and Human Bioavailability. <i>Geosystem Engineering</i> , 2010, 13, 21-24.	0.7	5
128	Health risk assessment of inorganic arsenic intake of Cambodia residents through groundwater drinking pathway. <i>Water Research</i> , 2010, 44, 5777-5788.	5.3	149
129	Arsenic levels in human hair, Kandal Province, Cambodia: The influences of groundwater arsenic, consumption period, age and gender. <i>Applied Geochemistry</i> , 2010, 25, 81-90.	1.4	35
130	Acid Rain Impact on Phytoavailability of Heavy Metals in Soils. <i>Geosystem Engineering</i> , 2010, 13, 133-138.	0.7	14
131	Effect of Graded Doses of Heavy Metals on the Radial Growth Rate of Hyphomycetous Fungi from Mangrove Sediments of the Qua Iboe Estuary, Nigeria. <i>Geosystem Engineering</i> , 2010, 13, 139-146.	0.7	3
132	Decadal and seasonal scale changes of an artificial lake environment after blocking tidal flows in the Yeongsan Estuary region, Korea. <i>Science of the Total Environment</i> , 2009, 407, 6063-6072.	3.9	31
133	Isolation and characterization of arsenic resistant bacteria from tannery wastes and agricultural soils in Thailand. <i>Annals of Microbiology</i> , 2009, 59, 649-656.	1.1	28
134	Quantitative analysis of arsenic in mine tailing soils using double pulse-laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 1105-1110.	1.5	56
135	Arsenite oxidation by <i>Alcaligenes</i> sp. strain RS-19 isolated from arsenic-contaminated mines in the Republic of Korea. <i>Environmental Geochemistry and Health</i> , 2009, 31, 109-117.	1.8	23
136	Qualitative analysis and mapping of heavy metals in an abandoned Au-Ag mine area using NIR spectroscopy. <i>Environmental Geology</i> , 2009, 58, 477-482.	1.2	69
137	Lysosomal membrane response of earthworm, <i>Eisenia fetida</i> , to arsenic contamination in soils. <i>Environmental Toxicology</i> , 2009, 24, 369-376.	2.1	20
138	Perchlorate adsorption and desorption on activated carbon and anion exchange resin. <i>Journal of Hazardous Materials</i> , 2009, 164, 87-94.	6.5	111
139	Performance and mechanism of arsenic removal from water by a nanofiltration membrane. <i>Desalination</i> , 2009, 245, 82-94.	4.0	115
140	Heavy metal and arsenic accumulating fern species as potential ecological indicators in As-contaminated abandoned mines. <i>Ecological Indicators</i> , 2009, 9, 1275-1279.	2.6	49
141	Arsenic and other trace elements contamination in groundwater and a risk assessment study for the residents in the Kandal Province of Cambodia. <i>Environment International</i> , 2009, 35, 455-460.	4.8	77
142	Contamination of groundwater and risk assessment for arsenic exposure in Ha Nam province, Vietnam. <i>Environment International</i> , 2009, 35, 466-472.	4.8	156
143	Enhancement of arsenic mobility by indigenous bacteria from mine tailings as response to organic supply. <i>Environment International</i> , 2009, 35, 496-501.	4.8	15
144	Arsenic geochemistry, transport mechanism in the soil-plant system, human and animal health issues. <i>Environment International</i> , 2009, 35, 453-454.	4.8	29

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145	Effect of arsenic on p53 mutation and occurrence of teratogenic salamanders: Their potential as ecological indicators for arsenic contamination. <i>Chemosphere</i> , 2009, 75, 948-954.	4.2	8
146	A Novel Combination of Anaerobic Bioleaching and Electrokinetics for Arsenic Removal from Mine Tailing Soil. <i>Environmental Science &amp; Technology</i> , 2009, 43, 9354-9360.	4.6	40
147	Evaluation on the Feasibility of Microbially Enhanced Electrokinetic Removal of Multiple Heavy Metals from Tailing Soil. <i>Separation Science and Technology</i> , 2009, 44, 2322-2340.	1.3	8
148	Factors affecting metal exchange between sediment and water in an estuarine reservoir: A spatial and seasonal observation. <i>Journal of Environmental Monitoring</i> , 2009, 11, 2058.	2.1	9
149	Arsenic Removal from Vietnamese Groundwater Using the Arsenic-Binding DNA Aptamer. <i>Environmental Science &amp; Technology</i> , 2009, 43, 9335-9340.	4.6	147
150	Application of arsenic field test kit to stream sediment: effect of fine particles and chemical extraction. <i>Chemical Speciation and Bioavailability</i> , 2009, 21, 49-57.	2.0	2
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