

Jochen Bundschuh

List of Publications by Year in descending order

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135
papers

9,907
citations

28274

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docs citations

143
times ranked

8132
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#	ARTICLE	IF	CITATIONS
1	Exogenous Melatonin Enhances Cd Tolerance and Phytoremediation Efficiency by Ameliorating Cd-Induced Stress in Oilseed Crops: A Review. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 922-935.	5.1	16
2	Photocatalysis for arsenic removal from water: considerations for solar photocatalytic reactors. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61594-61607.	5.3	7
3	A remediation approach to chromium-contaminated water and soil using engineered biochar derived from peanut shell. <i>Environmental Research</i> , 2022, 204, 112125.	7.5	57
4	Constructed wetlands as a sustainable technology for wastewater treatment with emphasis on chromium-rich tannery wastewater. <i>Journal of Hazardous Materials</i> , 2022, 422, 126926.	12.4	52
5	Evaluating the Ability of Bone Char/nTiO ₂ Composite and UV Radiation for Simultaneous Oxidation and Adsorption of Arsenite. <i>Sustainable Chemistry</i> , 2022, 3, 19-34.	4.7	3
6	Fabrication of biochar-based hybrid Ag nanocomposite from algal biomass waste for toxic dye-laden wastewater treatment. <i>Chemosphere</i> , 2022, 289, 133243.	8.2	26
7	Salicylic Acid Confers Salt Tolerance in Giant Juncao Through Modulation of Redox Homeostasis, Ionic Flux, and Bioactive Compounds: An Ionomics and Metabolomic Perspective of Induced Tolerance Responses. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1999-2019.	5.1	10
8	Arsenic-rich geothermal fluids as environmentally hazardous materials – A global assessment. <i>Science of the Total Environment</i> , 2022, 817, 152669.	8.0	10
9	Occurrence and behavior of arsenic in groundwater-aquifer system of irrigated areas. <i>Science of the Total Environment</i> , 2022, 838, 155991.	8.0	5
10	Global arsenic dilemma and sustainability. <i>Journal of Hazardous Materials</i> , 2022, 436, 129197.	12.4	28
11	Reducing conditions increased the mobilisation and hazardous effects of arsenic in a highly contaminated gold mine spoil. <i>Journal of Hazardous Materials</i> , 2022, 436, 129238.	12.4	7
12	Microbe-EDTA mediated approach in the phytoremediation of lead-contaminated soils using maize (<i>Zea mays</i> L.) plants. <i>International Journal of Phytoremediation</i> , 2021, 23, 1-12.	3.1	8
13	Hydrogels: Novel materials for contaminant removal in water – A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1970-2014.	12.8	40
14	Arsenic in Latin America: New findings on source, mobilization and mobility in human environments in 20 countries based on decadal research 2010-2020. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1727-1865.	12.8	70
15	Selective removal of arsenic in water: A critical review. <i>Environmental Pollution</i> , 2021, 268, 115668.	7.5	117
16	Advanced application of nano-technological and biological processes as well as mitigation options for arsenic removal. <i>Journal of Hazardous Materials</i> , 2021, 405, 123885.	12.4	53
17	Inorganic arsenic species removal from water using bone char: A detailed study on adsorption kinetic and isotherm models using error functions analysis. <i>Journal of Hazardous Materials</i> , 2021, 405, 124112.	12.4	75
18	Variety-specific arsenic accumulation in 44 different rice cultivars (<i>O. sativa</i> L.) and human health risks due to co-exposure of arsenic-contaminated rice and drinking water. <i>Journal of Hazardous Materials</i> , 2021, 407, 124804.	12.4	47

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19	An integrated approach of rice hull biochar-alternative water management as a promising tool to decrease inorganic arsenic levels and to sustain essential element contents in rice. <i>Journal of Hazardous Materials</i> , 2021, 405, 124188.	12.4	13
20	Rice genotype's responses to arsenic stress and cancer risk: The effects of integrated birnessite-modified rice hull biochar-water management applications. <i>Science of the Total Environment</i> , 2021, 768, 144531.	8.0	10
21	Handwashing with soap: A concern for overuse of water amidst the COVID-19 pandemic in Bangladesh. <i>Groundwater for Sustainable Development</i> , 2021, 13, 100561.	4.6	27
22	Small-scale membrane-based arsenic removal for decentralized applications – Developing a conceptual approach for future utilization. <i>Water Research</i> , 2021, 196, 116978.	11.3	23
23	Arsenic biogeochemical cycling in paddy soil-rice system: Interaction with various factors, amendments and mineral nutrients. <i>Science of the Total Environment</i> , 2021, 773, 145040.	8.0	100
24	Biotechnological approaches in agriculture and environmental management - bacterium <i>Kocuria rhizophila</i> 14ASP as heavy metal and salt-tolerant plant growth-promoting strain. <i>Biologia (Poland)</i> , 2021, 76, 3091-3105.	1.5	16
25	State-of-the-art of renewable energy sources used in water desalination: Present and future prospects. <i>Desalination</i> , 2021, 508, 115035.	8.2	164
26	Seven potential sources of arsenic pollution in Latin America and their environmental and health impacts. <i>Science of the Total Environment</i> , 2021, 780, 146274.	8.0	97
27	Value Proposition of Different Methods for Utilisation of Sugarcane Wastes. <i>Energies</i> , 2021, 14, 5483.	3.1	8
28	Iron modification to silicon-rich biochar and alternative water management to decrease arsenic accumulation in rice (<i>Oryza sativa</i> L.). <i>Environmental Pollution</i> , 2021, 286, 117661.	7.5	16
29	A novel BMSN (biologically synthesized mesoporous silica nanoparticles) material: synthesis using a bacteria-mediated biosurfactant and characterization. <i>RSC Advances</i> , 2021, 11, 32906-32916.	3.6	19
30	Mitigation of arsenic accumulation in rice: An agronomical, physico-chemical, and biological approach – A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 31-71.	12.8	56
31	A fast analytical protocol for simultaneous speciation of arsenic by Ultra-High Performance Liquid Chromatography (UHPLC) hyphenated to Inductively Coupled Plasma Mass Spectrometry (ICP-MS) as a modern advancement in liquid chromatography approaches. <i>Talanta</i> , 2020, 208, 120457.	5.5	21
32	Recent progress in radon-based monitoring as seismic and volcanic precursor: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 979-1012.	12.8	28
33	Combating soil salinity with combining saline agriculture and phytomanagement with salt-accumulating plants. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 1085-1115.	12.8	40
34	Co-occurrence, possible origin, and health-risk assessment of arsenic and fluoride in drinking water sources in Mexico: Geographical data visualization. <i>Science of the Total Environment</i> , 2020, 698, 134168.	8.0	134
35	Assessing the most sensitive and reliable endpoints in plant growth tests to improve arsenic risk assessment. <i>Science of the Total Environment</i> , 2020, 708, 134753.	8.0	1
36	A critical review of mercury speciation, bioavailability, toxicity and detoxification in soil-plant environment: Ecotoxicology and health risk assessment. <i>Science of the Total Environment</i> , 2020, 711, 134749.	8.0	153

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37	Trace elements-induced phytohormesis: A critical review and mechanistic interpretation. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 1984-2015.	12.8	92
38	Health effects of arsenic exposure in Latin America: An overview of the past eight years of research. <i>Science of the Total Environment</i> , 2020, 710, 136071.	8.0	81
39	Arsenic in Latin America: A critical overview on the geochemistry of arsenic originating from geothermal features and volcanic emissions for solving its environmental consequences. <i>Science of the Total Environment</i> , 2020, 716, 135564.	8.0	65
40	Fabrication and evaluation of silica embedded and zerovalent iron composited biochars for arsenate removal from water. <i>Environmental Pollution</i> , 2020, 266, 115256.	7.5	22
41	A review of the distribution, sources, genesis, and environmental concerns of salinity in groundwater. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41157-41174.	5.3	64
42	<i>Pennisetum giganteum</i> : An emerging salt accumulating/tolerant non-conventional crop for sustainable saline agriculture and simultaneous phytoremediation. <i>Environmental Pollution</i> , 2020, 265, 114876.	7.5	22
43	Iron-based subsurface arsenic removal (SAR): Results of a long-term pilot-scale test in Vietnam. <i>Water Research</i> , 2020, 181, 115929.	11.3	21
44	Plant growth promotion and enhanced uptake of Cd by combinatorial application of <i>Bacillus pumilus</i> and EDTA on <i>Zea mays</i> L.. <i>International Journal of Phytoremediation</i> , 2020, 22, 1372-1384.	3.1	26
45	Microbe mediated immobilization of arsenic in the rice rhizosphere after incorporation of silica impregnated biochar composites. <i>Journal of Hazardous Materials</i> , 2020, 398, 123096.	12.4	46
46	Effect of pyrolysis conditions on bone char characterization and its ability for arsenic and fluoride removal. <i>Environmental Pollution</i> , 2020, 262, 114221.	7.5	63
47	Arsenic in geoenvironments of Nicaragua: Exposure, health effects, mitigation and future needs. <i>Science of the Total Environment</i> , 2020, 716, 136527.	8.0	15
48	Hydrogeochemical controls on the mobility of arsenic, fluoride and other geogenic co-contaminants in the shallow aquifers of northeastern La Pampa Province in Argentina. <i>Science of the Total Environment</i> , 2020, 715, 136671.	8.0	80
49	Use of low-enthalpy and waste geothermal energy sources to solve arsenic problems in freshwater production in selected regions of Latin America using a process membrane distillation – Research into model solutions. <i>Science of the Total Environment</i> , 2020, 714, 136853.	8.0	58
50	A critical review on arsenic removal from water using biochar-based sorbents: The significance of modification and redox reactions. <i>Chemical Engineering Journal</i> , 2020, 396, 125195.	12.7	243
51	Water as key to the sustainable development goals of South Sudan – A water quality assessment of Eastern Equatoria State. <i>Groundwater for Sustainable Development</i> , 2019, 8, 255-270.	4.6	13
52	Solar powered nanofiltration for drinking water production from fluoride-containing groundwater – A pilot study towards developing a sustainable and low-cost treatment plant. <i>Journal of Environmental Management</i> , 2019, 231, 1263-1269.	7.8	32
53	Contrasting controls on hydrogeochemistry of arsenic-enriched groundwater in the homologous tectonic settings of Andean and Himalayan basin aquifers, Latin America and South Asia. <i>Science of the Total Environment</i> , 2019, 689, 1370-1387.	8.0	30
54	Emerging technologies for arsenic removal from drinking water in rural and peri-urban areas: Methods, experience from, and options for Latin America. <i>Science of the Total Environment</i> , 2019, 694, 133427.	8.0	113

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55	Assessing the Brazilian prevention value for soil arsenic: Effects on emergence and growth of plant species relevant to tropical agroecosystems. <i>Science of the Total Environment</i> , 2019, 694, 133663.	8.0	9
56	Plate tectonics influence on geogenic arsenic cycling: From primary sources to global groundwater enrichment. <i>Science of the Total Environment</i> , 2019, 683, 793-807.	8.0	60
57	Arsenic enrichment in sediments and beaches of Brazilian coastal waters: A review. <i>Science of the Total Environment</i> , 2019, 681, 143-154.	8.0	50
58	Arsenic in cooked rice foods: Assessing health risks and mitigation options. <i>Environment International</i> , 2019, 127, 584-591.	10.0	81
59	Bone char as a green sorbent for removing health threatening fluoride from drinking water. <i>Environment International</i> , 2019, 127, 704-719.	10.0	97
60	Hydrogeochemical controls on arsenic mobility in an arid inland basin, Southeast of Iran: The role of alkaline conditions and salt water intrusion. <i>Environmental Pollution</i> , 2019, 249, 910-922.	7.5	35
61	Biochar versus bone char for a sustainable inorganic arsenic mitigation in water: What needs to be done in future research?. <i>Environment International</i> , 2019, 127, 52-69.	10.0	101
62	Exploring the arsenic removal potential of various biosorbents from water. <i>Environment International</i> , 2019, 123, 567-579.	10.0	130
63	Arsenic speciation dynamics in paddy rice soil-water environment: sources, physico-chemical, and biological factors - A review. <i>Water Research</i> , 2018, 140, 403-414.	11.3	244
64	Low-enthalpy geothermal energy as a source of energy and integrated freshwater production in inland areas: Technological and economic feasibility. <i>Desalination</i> , 2018, 435, 35-44.	8.2	26
65	Iron-based subsurface arsenic removal technologies by aeration: A review of the current state and future prospects. <i>Water Research</i> , 2018, 133, 110-122.	11.3	120
66	Thiolated arsenic in natural systems: What is current, what is new and what needs to be known. <i>Environment International</i> , 2018, 115, 370-386.	10.0	45
67	Removal of fluoride from water through bacterial-surfactin mediated novel hydroxyapatite nanoparticle and its efficiency assessment: Adsorption isotherm, adsorption kinetic and adsorption Thermodynamics. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 9, 18-28.	2.9	58
68	Arsenite removal in groundwater treatment plants by sequential Permanganate-Ferric treatment. <i>Journal of Water Process Engineering</i> , 2018, 26, 221-229.	5.6	51
69	Arsenic accumulation in rice (<i>Oryza sativa</i> L.) is influenced by environment and genetic factors. <i>Science of the Total Environment</i> , 2018, 642, 485-496.	8.0	98
70	Medical geology in the framework of the sustainable development goals. <i>Science of the Total Environment</i> , 2017, 581-582, 87-104.	8.0	90
71	Antimony as a global dilemma: Geochemistry, mobility, fate and transport. <i>Environmental Pollution</i> , 2017, 223, 545-559.	7.5	331
72	Potential of different AM fungi (native from As-contaminated and uncontaminated soils) for supporting <i>Leucaena leucocephala</i> growth in As-contaminated soil. <i>Environmental Pollution</i> , 2017, 224, 125-135.	7.5	24

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73	Hydrogeochemical reconnaissance of arsenic cycling and possible environmental risk in hydrothermal systems of Taiwan. <i>Groundwater for Sustainable Development</i> , 2017, 5, 1-13.	4.6	38
74	Microbial biotechnology as an emerging industrial wastewater treatment process for arsenic mitigation: A critical review. <i>Journal of Cleaner Production</i> , 2017, 151, 427-438.	9.3	92
75	Green technological approach to synthesis hydrophobic stable crystalline calcite particles with one-pot synthesis for oil-water separation during oil spill cleanup. <i>Water Research</i> , 2017, 123, 332-344.	11.3	28
76	Desalination of salty water using vacuum spray dryer driven by solar energy. <i>Desalination</i> , 2017, 404, 182-191.	8.2	30
77	Interaction of arsenic with biochar in soil and water: A critical review. <i>Carbon</i> , 2017, 113, 219-230.	10.3	292
78	Geochemistry of naturally occurring arsenic in groundwater and surface-water in the southern part of the Poopó Lake basin, Bolivian Altiplano. <i>Groundwater for Sustainable Development</i> , 2016, 2-3, 104-116.	4.6	29
79	Natural Arsenic in Global Groundwaters: Distribution and Geochemical Triggers for Mobilization. <i>Current Pollution Reports</i> , 2016, 2, 68-89.	6.6	177
80	Arbuscular mycorrhizal fungi-assisted phytoremediation of a lead-contaminated site. <i>Science of the Total Environment</i> , 2016, 572, 86-97.	8.0	47
81	Pilot study on arsenic removal from groundwater using a small-scale reverse osmosis system—Towards sustainable drinking water production. <i>Journal of Hazardous Materials</i> , 2016, 318, 671-678.	12.4	77
82	An Assessment of Direct on-Farm Energy Use for High Value Grain Crops Grown under Different Farming Practices in Australia. <i>Energies</i> , 2015, 8, 13033-13046.	3.1	19
83	Environmental Toxicology in Addressing Public Health Challenges in East Asia. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	0
84	Arsenic and other trace elements in thermal springs and in cold waters from drinking water wells on the Bolivian Altiplano. <i>Journal of South American Earth Sciences</i> , 2015, 60, 10-20.	1.4	56
85	Low-cost low-enthalpy geothermal heat for freshwater production: Innovative applications using thermal desalination processes. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 196-206.	16.4	98
86	Renewable energy-driven desalination technologies: A comprehensive review on challenges and potential applications of integrated systems. <i>Desalination</i> , 2015, 356, 94-114.	8.2	408
87	Geothermal arsenic: Occurrence, mobility and environmental implications. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 42, 1214-1222.	16.4	88
88	Provenance and fate of arsenic and other solutes in the Chaco-Pampean Plain of the Andean foreland, Argentina: From perspectives of hydrogeochemical modeling and regional tectonic setting. <i>Journal of Hydrology</i> , 2014, 518, 300-316.	5.4	45
89	Exploring synergies and tradeoffs: Energy, water, and economic implications of water reuse in rice-based irrigation systems. <i>Applied Energy</i> , 2014, 114, 889-900.	10.1	25
90	Geochemical processes controlling mobilization of arsenic and trace elements in shallow aquifers and surface waters in the Antequera and Poopó mining regions, Bolivian Altiplano. <i>Journal of Hydrology</i> , 2014, 518, 421-433.	5.4	34

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91	Assessment of submarine geothermal resources and development of tools to quantify their energy potentials for environmentally sustainable development. <i>Journal of Cleaner Production</i> , 2014, 83, 21-32.	9.3	16
92	Vertical geochemical variations and arsenic mobilization in the shallow alluvial aquifers of the Chapai-Nawabganj District, northwestern Bangladesh: implication of siderite precipitation. <i>Environmental Earth Sciences</i> , 2013, 68, 1255-1270.	2.7	8
93	Arsenic mobilization in the aquifers of three physiographic settings of West Bengal, India: Understanding geogenic and anthropogenic influences. <i>Journal of Hazardous Materials</i> , 2013, 262, 915-923.	12.4	70
94	Application of natural citric acid sources and their role on arsenic removal from drinking water: A green chemistry approach. <i>Journal of Hazardous Materials</i> , 2013, 262, 1167-1175.	12.4	16
95	Naturally occurring arsenic in terrestrial geothermal systems of western Anatolia, Turkey: Potential role in contamination of freshwater resources. <i>Journal of Hazardous Materials</i> , 2013, 262, 951-959.	12.4	69
96	The geochemical characteristics of the mud liquids in the Wushanting and Hsiaokunshui Mud Volcano region in southern Taiwan: Implications of humic substances for binding and mobilization of arsenic. <i>Journal of Geochemical Exploration</i> , 2013, 128, 62-71.	3.2	22
97	Arsenic mineral dissolution and possible mobilization in mineral "microbe" groundwater environment. <i>Journal of Hazardous Materials</i> , 2013, 262, 989-996.	12.4	44
98	Depth-resolved abundance and diversity of arsenite-oxidizing bacteria in the groundwater of Beimen, a blackfoot disease endemic area of southwestern Taiwan. <i>Water Research</i> , 2013, 47, 6983-6991.	11.3	16
99	Linking geochemical processes in mud volcanoes with arsenic mobilization driven by organic matter. <i>Journal of Hazardous Materials</i> , 2013, 262, 980-988.	12.4	16
100	Geogenic arsenic and other trace elements in the shallow hydrogeologic system of Southern PoopÃ³ Basin, Bolivian Altiplano. <i>Journal of Hazardous Materials</i> , 2013, 262, 924-940.	12.4	50
101	Arsenic ecotoxicology: The interface between geosphere, hydrosphere and biosphere. <i>Journal of Hazardous Materials</i> , 2013, 262, 883-886.	12.4	18
102	Co-occurrence of arsenic and fluoride in groundwater of semi-arid regions in Latin America: Genesis, mobility and remediation. <i>Journal of Hazardous Materials</i> , 2013, 262, 960-969.	12.4	206
103	Arsenic bioaccessibility in a gold mining area: a health risk assessment for children. <i>Environmental Geochemistry and Health</i> , 2012, 34, 457-465.	3.4	35
104	Sources and behavior of arsenic and trace elements in groundwater and surface water in the PoopÃ³ Lake Basin, Bolivian Altiplano. <i>Environmental Earth Sciences</i> , 2012, 66, 793-807.	2.7	47
105	One century of arsenic exposure in Latin America: A review of history and occurrence from 14 countries. <i>Science of the Total Environment</i> , 2012, 429, 2-35.	8.0	414
106	Arsenic in volcanic geothermal fluids of Latin America. <i>Science of the Total Environment</i> , 2012, 429, 57-75.	8.0	123
107	Arsenic exposure in Latin America: Biomarkers, risk assessments and related health effects. <i>Science of the Total Environment</i> , 2012, 429, 76-91.	8.0	151
108	Arsenic in the human food chain: the Latin American perspective. <i>Science of the Total Environment</i> , 2012, 429, 92-106.	8.0	147

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109	Arsenic and associated trace-elements in groundwater from the Chaco-Pampean plain, Argentina: Results from 100years of research. <i>Science of the Total Environment</i> , 2012, 429, 36-56.	8.0	151
110	Role of organic matter and humic substances in the binding and mobility of arsenic in a Gangetic aquifer. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1231-1238.	1.7	35
111	Foreword. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1161-1162.	1.7	0
112	Arsenic in freshwater fish in the Chihuahua County water reservoirs (Mexico). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1283-1287.	1.7	8
113	Health risks for human intake of aquacultural fish: Arsenic bioaccumulation and contamination. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1266-1273.	1.7	66
114	A comparative study on arsenic and humic substances in alluvial aquifers of Bengal delta plain (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 mobilization mechanisms. <i>Environmental Geochemistry and Health</i> , 2011, 33, 235-258.	3.4	29
115	Interrelationship of TOC, As, Fe, Mn, Al and Si in shallow alluvial aquifers in Chapai-Nawabganj, Northwestern Bangladesh: implication for potential source of organic carbon. <i>Environmental Earth Sciences</i> , 2011, 63, 955-967.	2.7	9
116	Arsenic-enriched groundwaters of India, Bangladesh and Taiwanâ€”Comparison of hydrochemical characteristics and mobility constraints. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1163-1176.	1.7	29
117	Arsenic removal from groundwater of the Chaco-Pampean Plain (Argentina) using natural geological materials as adsorbents. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1297-1310.	1.7	54
118	Biogeochemical interactions among the arsenic, iron, humic substances, and microbes in mud volcanoes in southern Taiwan. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1218-1230.	1.7	14
119	Biogeochemical characteristics of Kuan-Tzu-Ling, Chung-Lun and Bao-Lai hot springs in southern Taiwan. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1207-1217.	1.7	26
120	The potential for reductive mobilization of arsenic [As(V) to As(III)] by OSBH₂<i>(Pseudomonas stutzeri</i>) and OSBH₅<i>(Bacillus cereus</i>) in an oil-contaminated site. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1239-1246.	1.7	40
121	Arsenic contamination in groundwaters in Bangladesh and options of sustainable drinking water supplies. <i>Arsenic in the Environment</i> , 2010, , 21-35.	0.0	1
122	Targeting arsenic-safe aquifers for drinking water supplies. <i>Environmental Geochemistry and Health</i> , 2010, 32, 307-315.	3.4	27
123	Possible treatments for arsenic removal in Latin American waters for human consumption. <i>Environmental Pollution</i> , 2010, 158, 1105-1118.	7.5	252
124	Emerging mitigation needs and sustainable options for solving the arsenic problems of rural and isolated urban areas in Latin America â€” A critical analysis. <i>Water Research</i> , 2010, 44, 5828-5845.	11.3	103
125	Assessment of arsenic exposure from groundwater and rice in Bengal Delta Region, West Bengal, India. <i>Water Research</i> , 2010, 44, 5803-5812.	11.3	115
126	Mechanisms of arsenic enrichment in geothermal and petroleum reservoirs fluids in Mexico. <i>Water Research</i> , 2010, 44, 5605-5617.	11.3	63

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127	Implications of organic matter on arsenic mobilization into groundwater: Evidence from northwestern (Chapai-Nawabganj), central (Manikganj) and southeastern (Chandpur) Bangladesh. <i>Water Research</i> , 2010, 44, 5556-5574.	11.3	71
128	Sources and controls for the mobility of arsenic in oxidizing groundwaters from loess-type sediments in arid/semi-arid dry climates – Evidence from the Chaco–Pampean plain (Argentina). <i>Water Research</i> , 2010, 44, 5589-5604.	11.3	88
129	Groundwater arsenic: From genesis to sustainable remediation. <i>Water Research</i> , 2010, 44, 5511.	11.3	8
130	Arsenic-enriched aquifers: Occurrences and mobilization of arsenic in groundwater of Ganges Delta Plain, Barasat, West Bengal, India. <i>Applied Geochemistry</i> , 2010, 25, 1805-1814.	3.0	85
131	The global arsenic crisis—a short introduction. <i>Arsenic in the Environment</i> , 2010, , 3-19.	0.0	3
132	Chemical evolution in the high arsenic groundwater of the Huhhot basin (Inner Mongolia, PR China) and its difference from the western Bengal basin (India). <i>Applied Geochemistry</i> , 2009, 24, 1835-1851.	3.0	138
133	Distribution of geogenic arsenic in hydrologic systems: Controls and challenges. <i>Journal of Contaminant Hydrology</i> , 2008, 99, 1-7.	3.3	90
134	Distribution and mobility of arsenic in the Río Dulce alluvial aquifers in Santiago del Estero Province, Argentina. <i>Science of the Total Environment</i> , 2006, 358, 97-120.	8.0	259
135	Groundwater arsenic in the Chaco-Pampean Plain, Argentina. <i>Applied Geochemistry</i> , 2004, 19, 231-243.	3.0	227