

Aquatic arsenic: Toxicity, speciation, transformations, a

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Treatment of arsenic-contaminated groundwater by a low cost activated alumina adsorbent prepared by partial thermal dehydration. <i>Desalination and Water Treatment</i> , 2009, 11, 275-282.	1.0	22
3	<i>Sustainability and Water</i> , 2009, , .		3
4	Effectiveness of Potassium Ferrate (K ₂ FeO ₄) for Simultaneous Removal of Heavy Metals and Natural Organic Matters from River Water. <i>Water, Air, and Soil Pollution</i> , 2010, 211, 313-322.	1.1	38
5	The characteristics of Escherichia coli adsorption of arsenic(III) from aqueous solution. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 249-256.	1.7	23
6	Metal Impurities in Food and Drugs. <i>Pharmaceutical Research</i> , 2010, 27, 750-755.	1.7	110
7	Possible treatments for arsenic removal in Latin American waters for human consumption. <i>Environmental Pollution</i> , 2010, 158, 1105-1118.	3.7	252
8	Determination of total arsenic in seawater by hydride generation atomic fluorescence spectrometry. <i>Microchemical Journal</i> , 2010, 96, 157-160.	2.3	22
9	Selective removal of arsenic(V) from a molybdate plant liquor by precipitation of magnesium arsenate. <i>Hydrometallurgy</i> , 2010, 104, 290-297.	1.8	33
10	Sample pre-treatment and extraction methods that are crucial to arsenic speciation in algae and aquatic plants. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 53-69.	5.8	52
11	Distribution and chemical fractionation of arsenic in surficial sediments of the Lami coastal environment in Fiji. <i>South Pacific Journal of Natural and Applied Sciences</i> , 2010, 28, 78.	0.2	6
12	Effects of pH, adsorbate/adsorbent ratio, temperature and ionic strength on the adsorption of arsenate onto soil. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2010, 10, 407-412.	0.5	9
13	Toxicological effects of arsenate exposure on hematological, biochemical and liver transaminases activity in an Indian major carp, <i>Catla catla</i> . <i>Food and Chemical Toxicology</i> , 2010, 48, 2848-2854.	1.8	141
14	Oxidation of nitrogen-containing pollutants by novel ferrate(VI) technology: A review. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 645-667.	0.9	121
15	Bioaccumulation of arsenic from water and sediment by a deposit-feeding polychaete (<i>Arenicola</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.9	73
16	Arsenic release from river sediments in a gold-mining area (Anllons River basin, Spain): effect of time, pH and phosphorous concentration. <i>European Journal of Mineralogy</i> , 2010, 22, 665-678.	0.4	24
17	Atomic spectrometry update. Elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1185.	1.6	19
18	Arsenic (III) oxidation of water applying a combination of hydrogen peroxide and UVC radiation. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1797-1803.	1.6	31
19	Arsenic in Biogenic Iron Minerals from a Contaminated Environment. <i>Geomicrobiology Journal</i> , 2011, 28, 242-251.	1.0	13

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21	Current status of groundwater arsenic and its impacts on health and mitigation measures in the Terai basin of Nepal: An overview. <i>Environmental Reviews</i> , 2011, 19, 55-67.	2.1	17
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27	Theoretical studies of arsenite adsorption and its oxidation mechanism on a perfect TiO ₂ anatase (101) surface. <i>Applied Surface Science</i> , 2011, 258, 1192-1198.	3.1	31
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29	Arsenic and its speciation in water samples by high performance liquid chromatography inductively coupled plasma mass spectrometry—Last decade review. <i>Talanta</i> , 2011, 84, 247-261.	2.9	122
30	Taxonomic and functional prokaryote diversity in mildly arsenic-contaminated sediments. <i>Research in Microbiology</i> , 2011, 162, 877-887.	1.0	51
31	Development of a Test System for Homeopathic Preparations Using Impaired Duckweed (<i>Lemna</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	8
32	Validation of a Method for Arsenic Speciation in Food by Ion Chromatography-Inductively Coupled Plasma/Mass Spectrometry After Ultrasonic-Assisted Enzymatic Extraction. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 947-958.	0.7	23
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36	Interactions of arsenic and phenanthrene on their uptake and antioxidative response in <i>Pteris vittata</i> L.. <i>Environmental Pollution</i> , 2011, 159, 3398-3405.	3.7	36
37	Artificial neural network (ANN) approach for modelling of arsenic (III) biosorption from aqueous solution by living cells of <i>Bacillus cereus</i> biomass. <i>Chemical Engineering Journal</i> , 2011, 178, 15-25.	6.6	146
38	Occurrence and treatment of arsenic in groundwater and soil in northern Mexico and southwestern USA. <i>Chemosphere</i> , 2011, 83, 211-225.	4.2	169

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39	Aquatic arsenic: Phytoremediation using floating macrophytes. <i>Chemosphere</i> , 2011, 83, 633-646.	4.2	310
40	Removal processes for arsenic in constructed wetlands. <i>Chemosphere</i> , 2011, 84, 1032-1043.	4.2	138
41	Determination of submillimolar concentration of ferrate(VI) in alkaline solutions by amperometric titration. <i>Open Chemistry</i> , 2011, 9, 808-812.	1.0	5
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50	A study of arsenic contamination by graphite furnace atomic absorption spectrometry in the Lami estuary in Fiji. <i>Microchemical Journal</i> , 2011, 97, 160-164.	2.3	8
51	Use of an in vitro digestion method to evaluate the bioaccessibility of arsenic in edible seaweed by inductively coupled plasma-mass spectrometry. <i>Microchemical Journal</i> , 2011, 98, 91-96.	2.3	45
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58	Biosorption of Arsenic from Contaminated Water onto Solid <i>Psidium guajava</i> Leaf Surface: Equilibrium, Kinetics, Thermodynamics, and Desorption Study. <i>Bioremediation Journal</i> , 2012, 16, 97-112.	1.0	16
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61	Multivariate Statistical Analyses on Arsenic Occurrence in Rybnik Reservoir. <i>Archives of Environmental Protection</i> , 2012, 38, .	1.1	0
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81	Biosorptive behaviour of mango leaf powder and rice husk for arsenic(III) from aqueous solutions. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 565-578.	1.8	49
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83	Removal of Arsenic from Aqueous Solutions by Sorption onto Sewage Sludge-Based Sorbent. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2311-2321.	1.1	38
84	Adsorption of As (III) and As (V) from water using magnetite Fe ₃ O ₄ -reduced graphite oxideâ€“MnO ₂ nanocomposites. <i>Chemical Engineering Journal</i> , 2012, 187, 45-52.	6.6	317
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95	Biomonitoring of arsenic through mangrove oyster (<i>Crassostrea corteziensis</i> Hertlein, 1951) from coastal lagoons (SE Gulf of California): occurrence of arsenobetaine and other arseno-compounds. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7459-7468.	1.3	10

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97	Arsenic in marine hydrothermal fluids. <i>Chemical Geology</i> , 2013, 348, 2-14.	1.4	56
98	Accumulation, transformation, and release of inorganic arsenic by the freshwater cyanobacterium <i>Microcystis aeruginosa</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 7286-7295.	2.7	79
99	Biosorption of arsenic (III) from aqueous solution by living cells of <i>Bacillus cereus</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 1281-1291.	2.7	87
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103	Joint effects of heavy metal binary mixtures on seed germination, root and shoot growth, bacterial bioluminescence, and gene mutation. <i>Journal of Environmental Sciences</i> , 2013, 25, 889-894.	3.2	12
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110	Occurrence of arsenic in two large shallow freshwater lakes in China and a comparison to other lakes around the world. <i>Microchemical Journal</i> , 2013, 110, 169-177.	2.3	34
111	Differential in vitro bioaccessibility of residual As in a field-aged former smelter site and its implication for potential risk. <i>Science of the Total Environment</i> , 2013, 463-464, 348-354.	3.9	8
112	Arsenic and Arsenic Species in Cultured Oyster (<i>Crassostrea gigas</i> and <i>C. corteziensis</i>) from Coastal Lagoons of the SE Gulf of California, Mexico. <i>Biological Trace Element Research</i> , 2013, 151, 43-49.	1.9	17
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137	Arsenic in drinking water in Northern region of Serbia. <i>E3S Web of Conferences</i> , 2013, 1, 24006.	0.2	2
138	Arsenic Efflux from <i>Microcystis aeruginosa</i> under Different Phosphate Regimes. <i>PLoS ONE</i> , 2014, 9, e116099.	1.1	25
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142	Characteristics of arsenate removal from water by metal-organic frameworks (MOFs). <i>Water Science and Technology</i> , 2014, 70, 1391-1397.	1.2	104
143	Liberation of Adsorbed and Co-Precipitated Arsenic from Jarosite, Schwertmannite, Ferrihydrite, and Goethite in Seawater. <i>Minerals (Basel, Switzerland)</i> , 2014, 4, 603-620.	0.8	14
144	Removal of arsenic from drinking water by batch and continuous electrocoagulation processes using hybrid Al-Fe plate electrodes. <i>Environmental Progress and Sustainable Energy</i> , 2014, 33, 131-140.	1.3	73
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146	Effects of Salinity of Porewater on Arsenic Speciations in Sediments of Bosten Lake in Xinjiang, Northwest China. <i>Advanced Materials Research</i> , 0, 955-959, 450-454.	0.3	1
147	Perspectives and Advances in Photocatalysis. , 2014, , 137-186.		0
148	Arsenic Adsorption onto Minerals: Connecting Experimental Observations with Density Functional Theory Calculations. <i>Minerals (Basel, Switzerland)</i> , 2014, 4, 208-240.	0.8	58
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