

Adsorption and desorption of arsenic to aquifer sediments
Nam Du, Vietnam

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Association of Arsenic and Phosphorus with Iron Nanoparticles between Streams and Aquifers: Implications for Arsenic Mobility. <i>Environmental Science & Technology</i> , 2015, 49, 14101-14109.	10.0	33
3	A model for the evolution in water chemistry of an arsenic contaminated aquifer over the last 6000 years, Red River floodplain, Vietnam. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 195, 277-292.	3.9	75
4	Arsenic mobilization in an oxidizing alkaline groundwater: Experimental studies, comparison and optimization of geochemical modeling parameters. <i>Applied Geochemistry</i> , 2016, 72, 97-112.	3.0	2
5	Immobilization of As(V) in <i>Rhizopus oryzae</i> Investigated by Batch and XAFS Techniques. <i>ACS Omega</i> , 2016, 1, 899-906.	3.5	10
6	Contrasting distributions of groundwater arsenic and uranium in the western Hetao basin, Inner Mongolia: Implication for origins and fate controls. <i>Science of the Total Environment</i> , 2016, 541, 1172-1190.	8.0	91
7	Numerical Modeling of Arsenic Mobility during Reductive Iron-Mineral Transformations. <i>Environmental Science & Technology</i> , 2016, 50, 2459-2467.	10.0	62
8	Reactive Transport Modeling of Arsenic Mobilization in Groundwater of the Red River Floodplain, Vietnam. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 85-87.	0.6	6
9	Do Fe-oxides Control the Adsorption of Arsenic in Aquifers of the Red River Floodplain, Vietnam?. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 300-303.	0.6	1
10	Arsenic Migration and Transformation in Aquifer Sediments under Successive Redox Oscillations. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 384-387.	0.6	3
11	Arsenic behavior in different biogeochemical zonations approximately along the groundwater flow path in Datong Basin, northern China. <i>Science of the Total Environment</i> , 2017, 584-585, 458-468.	8.0	12
12	Processes governing arsenic retardation on Pleistocene sediments: Adsorption experiments and model-based analysis. <i>Water Resources Research</i> , 2017, 53, 4344-4360.	4.2	42
13	Fate of Arsenic during Red River Water Infiltration into Aquifers beneath Hanoi, Vietnam. <i>Environmental Science & Technology</i> , 2017, 51, 838-845.	10.0	54
14	Multiscale Characterization and Quantification of Arsenic Mobilization and Attenuation During Injection of Treated Coal Seam Gas Coproduced Water into Deep Aquifers. <i>Water Resources Research</i> , 2017, 53, 10779-10801.	4.2	22
15	Soluble components of sediments and their relation with dissolved arsenic in aquifers from the Hetao Basin, Inner Mongolia. <i>Journal of Soils and Sediments</i> , 2017, 17, 2899-2911.	3.0	11
16	Effects of Fe-S-As coupled redox processes on arsenic mobilization in shallow aquifers of Datong Basin, northern China. <i>Environmental Pollution</i> , 2018, 237, 28-38.	7.5	33
17	The evaluation of arsenic contamination potential, speciation and hydrogeochemical behaviour in aquifers of Punjab, Pakistan. <i>Chemosphere</i> , 2018, 199, 737-746.	8.2	119
18	Arsenic in Holocene aquifers of the Red River floodplain, Vietnam: Effects of sediment-water interactions, sediment burial age and groundwater residence time. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 225, 192-209.	3.9	53
19	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

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20	Redox buffering and de-coupling of arsenic and iron in reducing aquifers across the Red River Delta, Vietnam, and conceptual model of de-coupling processes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15954-15961.	5.3	16
21	Vertical variability of arsenic concentrations under the control of iron-sulfur-arsenic interactions in reducing aquifer systems. <i>Journal of Hydrology</i> , 2018, 561, 200-210.	5.4	29
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23	Stabilization of arsenic and lead by magnesium oxide (MgO) in different seawater concentrations. <i>Environmental Pollution</i> , 2018, 233, 952-959.	7.5	15
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26	Biogeochemical phosphorus cycling in groundwater ecosystems – Insights from South and Southeast Asian floodplain and delta aquifers. <i>Science of the Total Environment</i> , 2018, 644, 1357-1370.	8.0	31
27	Arsenite adsorption controlled by the iron oxide content of Holocene Red River aquifer sediment. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 61-73.	3.9	22
28	Ferrihydrite interaction with silicate and competing oxyanions: Geometry and Hydrogen bonding of surface species. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 453-476.	3.9	69
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33	Arsenic mobilization in the piedmont area of the Hetao basin: an insight from a reactive transport model. <i>E3S Web of Conferences</i> , 2019, 98, 05008.	0.5	0
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36	Dual in-aquifer and near surface processes drive arsenic mobilization in Cambodian groundwaters. <i>Science of the Total Environment</i> , 2019, 659, 699-714.	8.0	25
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49	Modelling heavy metals contamination in groundwater of Southern Punjab, Pakistan. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2221-2236.	3.5	4
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57	The mechanism of iodine enrichment in groundwater from the North China Plain: insight from two inland and coastal aquifer sediment boreholes. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49007-49028.	5.3	1
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