

Danni Zhang

List of Publications by Year in descending order

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papers

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840776

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423
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular structures of dissolved and colloidal AsV ⁵⁺ -FeIII complexes and their roles in the mobilization of AsV under strongly acidic conditions. <i>Journal of Hazardous Materials</i> , 2022, 430, 128266.	12.4	3
2	A novel method for in situ stabilization of calcium arsenic residues via yukonite formation. <i>Science of the Total Environment</i> , 2022, 819, 153090.	8.0	9
3	Oxidation and incorporation of adsorbed antimonite during iron(II)-catalyzed recrystallization of ferrihydrite. <i>Science of the Total Environment</i> , 2021, 778, 146424.	8.0	11
4	The adsorption of As(V) on poorly crystalline Fe oxyhydroxides, revisited: Effect of the reaction media and the drying treatment. <i>Journal of Hazardous Materials</i> , 2021, 416, 125863.	12.4	15
5	Stabilization and transformation of selenium during the Fe(II)-induced transformation of Se(IV)-adsorbed ferrihydrite under anaerobic conditions. <i>Journal of Hazardous Materials</i> , 2020, 384, 121365.	12.4	16
6	Simultaneous oxidation and removal of Sb(III) from water by using synthesized CTAB/MnFe ₂ O ₄ /MnO ₂ composite. <i>Chemosphere</i> , 2020, 245, 125601.	8.2	32
7	Abiotic anoxic reduction of AsO ₄ adsorbed Mg(II)-Al(III)/Fe(III)-CO ₃ /SO ₄ Layered Double Hydroxides: Implications of As release and phase transformations. <i>Applied Geochemistry</i> , 2020, 122, 104765.	3.0	3
8	Long-term stability of the Fe(III)-As(V) coprecipitates: Effects of neutralization mode and the addition of Fe(II) on arsenic retention. <i>Chemosphere</i> , 2019, 237, 124503.	8.2	14
9	Adsorption and transformation of thioarsenite at hematite/water interface under anaerobic condition in the presence of sulfide. <i>Chemosphere</i> , 2019, 222, 422-430.	8.2	10
10	Fate of adsorbed arsenic during early stage sulfidization of nano-ferrihydrite. <i>Environmental Science: Nano</i> , 2019, 6, 2228-2240.	4.3	8
11	The long-term stability of calcium arsenates: Implications for phase transformation and arsenic mobilization. <i>Journal of Environmental Sciences</i> , 2019, 84, 29-41.	6.1	27
12	The long-term stability of FeIII-AsV coprecipitates at pH 4 and 7: Mechanisms controlling the arsenic behavior. <i>Journal of Hazardous Materials</i> , 2019, 374, 276-286.	12.4	25
13	The Transformation of Two-Line Ferrihydrite into Crystalline Products: Effect of pH and Media (Sulfate versus Nitrate). <i>ACS Earth and Space Chemistry</i> , 2018, 2, 577-587.	2.7	38
14	Arsenic associated with gypsum produced from Fe(III)-As(V) coprecipitation: Implications for the stability of industrial As-bearing waste. <i>Journal of Hazardous Materials</i> , 2018, 360, 311-318.	12.4	31
15	Effect of hydroquinone-induced iron reduction on the stability of scorodite and arsenic mobilization. <i>Hydrometallurgy</i> , 2016, 164, 228-237.	4.3	33
16	Incorporation of arsenic into gypsum: Relevant to arsenic removal and immobilization process in hydrometallurgical industry. <i>Journal of Hazardous Materials</i> , 2015, 300, 272-280.	12.4	80
17	Removal of arsenic from water by Friedel's salt (FS: 3CaO·Al ₂ O ₃ ·CaCl ₂ ·10H ₂ O). <i>Journal of Hazardous Materials</i> , 2011, 195, 398-404.	12.4	51