Danni Zhang

List of Publications by Year
in descending order

17 papers	408 citations	840776 11 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	423 citing authors

#	Article	IF	Citations
1	Incorporation of arsenic into gypsum: Relevant to arsenic removal and immobilization process in hydrometallurgical industry. Journal of Hazardous Materials, 2015, 300, 272-280.	12.4	80
2	Removal of arsenic from water by Friedel's salt (FS: 3CaOÂ·Al2O3Â·CaCl2Â·10H2O). Journal of Hazardous Materials, 2011, 195, 398-404.	12.4	51
3	The Transformation of Two-Line Ferrihydrite into Crystalline Products: Effect of pH and Media (Sulfate versus Nitrate). ACS Earth and Space Chemistry, 2018, 2, 577-587.	2.7	38
4	Effect of hydroquinone-induced iron reduction on the stability of scorodite and arsenic mobilization. Hydrometallurgy, 2016, 164, 228-237.	4.3	33
5	Simultaneous oxidation and removal of Sb(III) from water by using synthesized CTAB/MnFe2O4/MnO2 composite. Chemosphere, 2020, 245, 125601.	8.2	32
6	Arsenic associated with gypsum produced from Fe(III)-As(V) coprecipitation: Implications for the stability of industrial As-bearing waste. Journal of Hazardous Materials, 2018, 360, 311-318.	12.4	31
7	The long-term stability of calcium arsenates: Implications for phase transformation and arsenic mobilization. Journal of Environmental Sciences, 2019, 84, 29-41.	6.1	27
8	The long-term stability of FeIII-AsV coprecipitates at pH 4 and 7: Mechanisms controlling the arsenic behavior. Journal of Hazardous Materials, 2019, 374, 276-286.	12.4	25
9	Stabilization and transformation of selenium during the Fe(II)-induced transformation of Se(IV)-adsorbed ferrihydrite under anaerobic conditions. Journal of Hazardous Materials, 2020, 384, 121365.	12.4	16
10	The adsorption of As(V) on poorly crystalline Fe oxyhydroxides, revisited: Effect of the reaction media and the drying treatment. Journal of Hazardous Materials, 2021, 416, 125863.	12.4	15
11	Long-term stability of the Fe(III)â€"As(V) coprecipitates: Effects of neutralization mode and the addition of Fe(II) on arsenic retention. Chemosphere, 2019, 237, 124503.	8.2	14
12	Oxidation and incorporation of adsorbed antimonite during iron(II)-catalyzed recrystallization of ferrihydrite. Science of the Total Environment, 2021, 778, 146424.	8.0	11
13	Adsorption and transformation of thioarsenite at hematite/water interface under anaerobic condition in the presence of sulfide. Chemosphere, 2019, 222, 422-430.	8.2	10
14	A novel method for in situ stabilization of calcium arsenic residues via yukonite formation. Science of the Total Environment, 2022, 819, 153090.	8.0	9
15	Fate of adsorbed arsenic during early stage sulfidization of nano-ferrihydrite. Environmental Science: Nano, 2019, 6, 2228-2240.	4.3	8
16	Abiotic anoxic reduction of AsO4 adsorbed Mg(II)â€"Al(III)/Fe(III)â€"CO3/SO4 Layered Double Hydroxides: Implications of As release and phase transformations. Applied Geochemistry, 2020, 122, 104765.	3.0	3
17	Molecular structures of dissolved and colloidal AsVâ€"FeIII complexes and their roles in the mobilization of AsV under strongly acidic conditions. Journal of Hazardous Materials, 2022, 430, 128266.	12.4	3