Fengyi Li

List of Publications by Year in descending order

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Version: 2024-02-01

14	489	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of Ni-rich hexagonal birnessite and its geochemical effects on aqueous Pb2+/Zn2+ and As(III). Geochimica Et Cosmochimica Acta, 2012, 93, 47-62.	3.9	83
2	Effects of Fe doping on the structures and properties of hexagonal birnessites â€“ Comparison with Co and Ni doping. Geochimica Et Cosmochimica Acta, 2013, 117, 1-15.	3.9	71
3	Characterization of Co-doped birnessites and application for removal of lead and arsenite. Journal of Hazardous Materials, 2011, 188, 341-349.	12.4	70
4	Influence of Mn(III) availability on the phase transformation from layered buserite to tunnel-structured todorokite. Clays and Clay Minerals, 2008, 56, 397-403.	1.3	45
5	Effect of Soil Fulvic and Humic Acids on Pb Binding to the Goethite/Solution Interface: Ligand Charge Distribution Modeling and Speciation Distribution of Pb. Environmental Science & Technology, 2018, 52, 1348-1356.	10.0	45
6	Effects of Al3+ doping on the structure and properties of goethite and its adsorption behavior towards phosphate. Journal of Environmental Sciences, 2016, 45, 18-27.	6.1	31
7	CD-MUSIC-EDL Modeling of Pb²⁺ Adsorption on Birnessites: Role of Vacant and Edge Sites. Environmental Science & Technology, 2018, 52, 10522-10531.	10.0	30
8	Al-substitution-induced defect sites enhance adsorption of Pb²⁺ on hematite. Environmental Science: Nano, 2019, 6, 1323-1331.	4.3	26
9	Phosphate speciation on Al-substituted goethite: ATR-FTIR/2D-COS and CD-MUSIC modeling. Environmental Science: Nano, 2019, 6, 3625-3637.	4.3	25
10	Role of clay minerals in controlling phosphorus availability in a subtropical Alfisol. Geoderma, 2022, 409, 115592.	5.1	17
11	Preference of Co over Al for substitution of Fe in goethite (Î±-FeOOH) structure: Mechanism revealed from EXAFS, XPS, DFT and linear free energy correlation model. Chemical Geology, 2020, 532, 119378.	3.3	14
12	Effects of aluminum substitution on the surface charge of colloidal goethite particles: experiments and MUSIC modeling. Environmental Science and Pollution Research, 2020, 27, 38397-38406.	5.3	11
13	Microstructure of Al-substituted goethite and its adsorption performance for Pb(II) and As(V). Science of the Total Environment, 2021, 790, 148202.	8.0	11
14	Coupled morphological and structural evolution of Î´-MnO₂ to Î±-MnO₂ through multistage oriented assembly processes: the role of Mn(<scp>iii</scp>). Environmental Science: Nano, 2020, 7, 238-249.	4.3	10