Laurel K Thomasarrigo

List of Publications by Year
in descending order

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15	588	759233 12	996975 15
papers	citations	h-index	g-index

15	15	15	548
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mineral characterization and composition of Fe-rich flocs from wetlands of Iceland: Implications for Fe, C and trace element export. Science of the Total Environment, 2022, 816, 151567.	8.0	8
2	Stabilization of Ferrihydrite and Lepidocrocite by Silicate during Fe(II)-Catalyzed Mineral Transformation: Impact on Particle Morphology and Silicate Distribution. Environmental Science & Technology, 2022, 56, 5929-5938.	10.0	25
3	Microbial Fe cycling in a simulated Precambrian ocean environment: Implications for secondary mineral (trans)formation and deposition during BIF genesis. Geochimica Et Cosmochimica Acta, 2022, 331, 165-191.	3.9	8
4	Ferrous iron enhances arsenic sorption and oxidation by non-stoichiometric magnetite and maghemite. Journal of Hazardous Materials, 2021, 402, 123425.	12.4	26
5	Mercury Reduction by Nanoparticulate Vivianite. Environmental Science & Technology, 2021, 55, 3399-3407.	10.0	18
6	Adsorption of double-stranded ribonucleic acids (dsRNA) to iron (oxyhydr-)oxide surfaces: comparative analysis of model dsRNA molecules and deoxyribonucleic acids (DNA). Environmental Sciences: Processes and Impacts, 2021, 23, 605-620.	3.5	8
7	Impact of Organic Matter on Microbially-Mediated Reduction and Mobilization of Arsenic and Iron in Arsenic(V)-Bearing Ferrihydrite. Environmental Science & Technology, 2021, 55, 1319-1328.	10.0	39
8	Organic matter influences transformation products of ferrihydrite exposed to sulfide. Environmental Science: Nano, 2020, 7, 3405-3418.	4.3	23
9	Interactions of ferrous iron with clay mineral surfaces during sorption and subsequent oxidation. Environmental Sciences: Processes and Impacts, 2020, 22, 1355-1367.	3.5	25
10	Nitrite Accumulation Is Required for Microbial Anaerobic Iron Oxidation, but Not for Arsenite Oxidation, in Two Heterotrophic Denitrifiers. Environmental Science & Technology, 2020, 54, 4036-4045.	10.0	33
11	Ferrihydrite Growth and Transformation in the Presence of Ferrous Iron and Model Organic Ligands. Environmental Science & Technology, 2019, 53, 13636-13647.	10.0	68
12	Impact of Organic Matter on Iron(II)-Catalyzed Mineral Transformations in Ferrihydriteâ€“Organic Matter Coprecipitates. Environmental Science & Technology, 2018, 52, 12316-12326.	10.0	139
13	Iron(II)-Catalyzed Iron Atom Exchange and Mineralogical Changes in Iron-rich Organic Freshwater Flocs: An Iron Isotope Tracer Study. Environmental Science & Technology, 2017, 51, 6897-6907.	10.0	69
14	Sulfidization of Organic Freshwater Flocs from a Minerotrophic Peatland: Speciation Changes of Iron, Sulfur, and Arsenic. Environmental Science & Technology, 2016, 50, 3607-3616.	10.0	47
15	Iron and Arsenic Speciation and Distribution in Organic Flocs from Streambeds of an Arsenic-Enriched Peatland. Environmental Science & Technology, 2014, 48, 13218-13228.	10.0	52