

Laurel K Thomasarrigo

List of Publications by Year in descending order

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588
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759233

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citing authors

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