

Tyler D Sowers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1684594/publications.pdf>

Version: 2024-02-01

12
papers

471
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissolved Organic Matter Sorption and Molecular Fractionation by Naturally Occurring Bacteriogenic Iron (Oxyhydr)oxides. <i>Environmental Science & Technology</i> , 2019, 53, 4295-4304.	10.0	85
2	Sorption of arsenic to biogenic iron (oxyhydr)oxides produced in circumneutral environments. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 194-207.	3.9	76
3	Spatial Associations and Chemical Composition of Organic Carbon Sequestered in Fe, Ca, and Organic Carbon Ternary Systems. <i>Environmental Science & Technology</i> , 2018, 52, 6936-6944.	10.0	74
4	The synergistic effect of calcium on organic carbon sequestration to ferrihydrite. <i>Geochemical Transactions</i> , 2018, 19, 4.	0.7	68
5	Soil Pollution Due to Irrigation with Arsenic-Contaminated Groundwater: Current State of Science. <i>Current Pollution Reports</i> , 2015, 1, 1-12.	6.6	39
6	Formation and redox reactivity of ferrihydrite-organic carbon-calcium co-precipitates. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 86-98.	3.9	38
7	High Lead Bioavailability of Indoor Dust Contaminated with Paint Lead Species. <i>Environmental Science & Technology</i> , 2021, 55, 402-411.	10.0	23
8	Turbidimetric Determination of Anionic Polyacrylamide in Low Carbon Soil Extracts. <i>Journal of Environmental Quality</i> , 2013, 42, 1902-1907.	2.0	21
9	Spatially Resolved Organomineral Interactions across a Permafrost Chronosequence. <i>Environmental Science & Technology</i> , 2020, 54, 2951-2960.	10.0	19
10	Interconnected soil iron and arsenic speciation effects on arsenic bioaccessibility and bioavailability: a scoping review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2022, 25, 1-22.	6.5	13
11	Plumbojarosite Remediation of Soil Affects Lead Speciation and Elemental Interactions in Soil and in Mice Tissues. <i>Environmental Science & Technology</i> , 2021, 55, 15950-15960.	10.0	13
12	Soil and Water Iron Microbes in North Carolina (SWIMNC) Outreach: Positive Impact of Combining Classroom and Field Experiences to Promote Learning and Shift Attitudes. <i>Frontiers in Education</i> , 2020, 4, .	2.1	2