

Kristopher Fecteau

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

333
citations

1163117

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1199594

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15
docs citations

15
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyanobacteria and Algae Meet at the Limits of Their Habitat Ranges in Moderately Acidic Hot Springs. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	7
2	Theoretical Predictions Versus Environmental Observations on Serpentinization Fluids: Lessons From the Samail Ophiolite in Oman. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020756.	3.4	24
3	Seasonal hydrologic and geologic forcing drive hot spring geochemistry and microbial biodiversity. <i>Environmental Microbiology</i> , 2021, 23, 4034-4053.	3.8	17
4	Metastable equilibrium of substitution reactions among oxygen- and nitrogen-bearing organic compounds at hydrothermal conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 272, 93-104.	3.9	7
5	Probing the geological source and biological fate of hydrogen in Yellowstone hot springs. <i>Environmental Microbiology</i> , 2019, 21, 3816-3830.	3.8	22
6	Earth as Organic Chemist. , 2019, , 415-446.		5
7	Bulk gold catalyzes hydride transfer in the Cannizzaro and related reactions. <i>New Journal of Chemistry</i> , 2019, 43, 19137-19148.	2.8	2
8	Deamination reaction mechanisms of protonated amines under hydrothermal conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 113-128.	3.9	24
9	Production of Carboxylic Acids from Aldehydes under Hydrothermal Conditions: A Kinetics Study of Benzaldehyde. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 170-191.	2.7	18
10	Subsurface processes influence oxidant availability and chemoautotrophic hydrogen metabolism in Yellowstone hot springs. <i>Geobiology</i> , 2018, 16, 674-692.	2.4	35
11	Ecological differentiation in planktonic and sediment-associated chemotrophic microbial populations in Yellowstone hot springs. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw137.	2.7	60
12	Thermodynamics of Organic Transformations in Hydrothermal Fluids. <i>Reviews in Mineralogy and Geochemistry</i> , 2013, 76, 311-350.	4.8	47
13	Modeling the Habitat Range of Phototrophs in Yellowstone National Park: Toward the Development of a Comprehensive Fitness Landscape. <i>Frontiers in Microbiology</i> , 2012, 3, 221.	3.5	64