

Judith M Klatt

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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687363

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940533

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times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Sedimentary pyrite sulfur isotope compositions preserve signatures of the surface microbial mat environment in sediments underlying low- $\delta^{15}\text{N}$ oxygen cyanobacterial mats. <i>Geobiology</i> , 2022, 20, 60-78.	2.4	3
2	Arsenic speciation analysis in porewater by a novel colorimetric assay. <i>Science of the Total Environment</i> , 2022, 827, 154155.	8.0	3
3	Nitrate respiration and diel migration patterns of diatoms are linked in sediments underneath a microbial mat. <i>Environmental Microbiology</i> , 2021, 23, 1422-1435.	3.8	12
4	Possible link between Earth's rotation rate and oxygenation. <i>Nature Geoscience</i> , 2021, 14, 564-570.	12.9	27
5	Versatile cyanobacteria control the timing and extent of sulfide production in a Proterozoic analog microbial mat. <i>ISME Journal</i> , 2020, 14, 3024-3037.	9.8	14
6	Cyanobacterial photosynthesis under sulfidic conditions: insights from the isolate <i>Leptolyngbya</i> sp. strain hensonii. <i>ISME Journal</i> , 2018, 12, 568-584.	9.8	50
7	Controls on O_2 Production in Cyanobacterial Mats and Implications for Earth's Oxygenation. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 123-147.	11.0	37
8	Low-Light Anoxygenic Photosynthesis and Fe-S-Biogeochemistry in a Microbial Mat. <i>Frontiers in Microbiology</i> , 2018, 9, 858.	3.5	19
9	Denitrifying community in coastal sediments performs aerobic and anaerobic respiration simultaneously. <i>ISME Journal</i> , 2017, 11, 1799-1812.	9.8	126
10	Oxygenic and anoxygenic photosynthesis in a microbial mat from an anoxic and sulfidic spring. <i>Environmental Microbiology</i> , 2017, 19, 1251-1265.	3.8	18
11	Cyanobacteria in Sulfidic Spring Microbial Mats Can Perform Oxygenic and Anoxygenic Photosynthesis Simultaneously during an Entire Diurnal Period. <i>Frontiers in Microbiology</i> , 2016, 7, 1973.	3.5	20
12	Structure and function of natural sulphide-oxidizing microbial mats under dynamic input of light and chemical energy. <i>ISME Journal</i> , 2016, 10, 921-933.	9.8	32
13	Assessment of the stoichiometry and efficiency of CO_2 fixation coupled to reduced sulfur oxidation. <i>Frontiers in Microbiology</i> , 2015, 6, 484.	3.5	46
14	Anoxygenic Photosynthesis Controls Oxygenic Photosynthesis in a Cyanobacterium from a Sulfidic Spring. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2025-2031.	3.1	41
15	Hydrogen sulfide can inhibit and enhance oxygenic photosynthesis in a cyanobacterium from sulfidic springs. <i>Environmental Microbiology</i> , 2015, 17, 3301-3313.	3.8	45
16	Spatial patterns and links between microbial community composition and function in cyanobacterial mats. <i>Frontiers in Microbiology</i> , 2014, 5, 406.	3.5	22
17	Hyper-spectral imaging of biofilm growth dynamics. , 2009, , ,		3