

Judith M Klatt

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

519
citations

687363

13
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940533

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g-index

19
all docs

19
docs citations

19
times ranked

676
citing authors

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