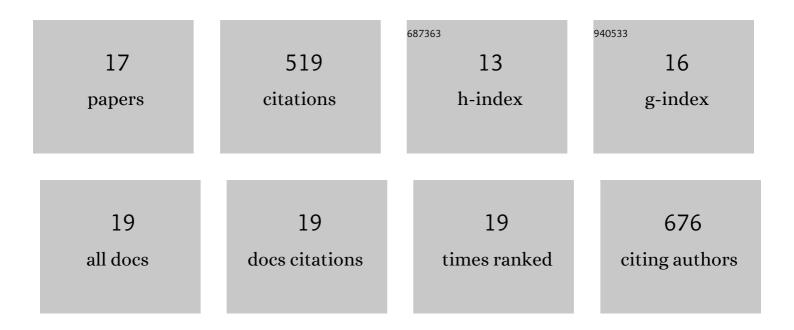
Judith M Klatt

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2488454/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Sedimentary pyrite sulfur isotope compositions preserve signatures of the surface microbial mat environment in sediments underlying lowâ€oxygen cyanobacterial mats. Geobiology, 2022, 20, 60-78.	2.4	3
2	Arsenic speciation analysis in porewater by a novel colorimetric assay. Science of the Total Environment, 2022, 827, 154155.	8.0	3
3	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
4	Possible link between Earth's rotation rate and oxygenation. Nature Geoscience, 2021, 14, 564-570.	12.9	27
5	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
6	Cyanobacterial photosynthesis under sulfidic conditions: insights from the isolate <i>Leptolyngbya</i> sp. strain hensonii. ISME Journal, 2018, 12, 568-584.	9.8	50
7	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
8	Low-Light Anoxygenic Photosynthesis and Fe-S-Biogeochemistry in a Microbial Mat. Frontiers in Microbiology, 2018, 9, 858.	3.5	19
9	Denitrifying community in coastal sediments performs aerobic and anaerobic respiration simultaneously. ISME Journal, 2017, 11, 1799-1812.	9.8	126
10	Oxygenic and anoxygenic photosynthesis in a microbial mat from an anoxic and sulfidic spring. Environmental Microbiology, 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. Frontiers in Microbiology, 2016, 7, 1973.	3.5	20
12	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
13	Assessment of the stoichiometry and efficiency of CO2 fixation coupled to reduced sulfur oxidation. Frontiers in Microbiology, 2015, 6, 484.	3.5	46
14	Anoxygenic Photosynthesis Controls Oxygenic Photosynthesis in a Cyanobacterium from a Sulfidic Spring. Applied and Environmental Microbiology, 2015, 81, 2025-2031.	3.1	41
15	Hydrogen sulfide can inhibit and enhance oxygenic photosynthesis in a cyanobacterium from sulfidic springs. Environmental Microbiology, 2015, 17, 3301-3313.	3.8	45
16	Spatial patterns and links between microbial community composition and function in cyanobacterial mats. Frontiers in Microbiology, 2014, 5, 406.	3.5	22
17	Hyper-spectral imaging of biofilm growth dynamics. , 2009, , .		3