Feriel Skouri-Panet

List of Publications by Year
in descending order

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17 papers	1,244 citations	516215 16 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	1486 citing authors

#	Article	IF	Citations
1	The diversity of molecular mechanisms of carbonate biomineralization by bacteria. Discover Materials, 2021, 1, 1.	1.0	46
2	Biogeochemical Niche of Magnetotactic Cocci Capable of Sequestering Large Polyphosphate Inclusions in the Anoxic Layer of the Lake Pavin Water Column. Frontiers in Microbiology, 2021, 12, 789134.	1.5	3
3	Evidence of high Ca uptake by cyanobacteria forming intracellular Ca<scp>CO</scp>₃ and impact on their growth. Geobiology, 2019, 17, 676-690.	1.1	33
4	Impact of the cyanobacterium Gloeomargarita lithophora on the geochemical cycles of Sr and Ba. Chemical Geology, 2018, 483, 88-97.	1.4	19
5	Amorphous Calcium Carbonate Granules Form Within an Intracellular Compartment in Calcifying Cyanobacteria. Frontiers in Microbiology, 2018, 9, 1768.	1.5	50
6	Organic molecular heterogeneities can withstand diagenesis. Scientific Reports, 2017, 7, 1508.	1.6	48
7	Description of Gloeomargarita lithophora gen. nov., sp. nov., a thylakoid-bearing, basal-branching cyanobacterium with intracellular carbonates, and proposal for Gloeomargaritales ord. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 653-658.	0.8	72
8	Biomineralization Patterns of Intracellular Carbonatogenesis in Cyanobacteria: Molecular Hypotheses. Minerals (Basel, Switzerland), 2016, 6, 10.	0.8	48
9	Mineralogical Diversity in Lake Pavin: Connections with Water Column Chemistry and Biomineralization Processes. Minerals (Basel, Switzerland), 2016, 6, 24.	0.8	29
10	Selective Uptake of Alkaline Earth Metals by Cyanobacteria Forming Intracellular Carbonates. Environmental Science & Technology, 2016, 50, 11654-11662.	4.6	47
11	Early entombment within silica minimizes the molecular degradation of microorganisms during advanced diagenesis. Chemical Geology, 2016, 437, 98-108.	1.4	75
12	Intracellular Ca-carbonate biomineralization is widespread in cyanobacteria. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10933-10938.	3.3	221
13	Significance, mechanisms and environmental implications of microbial biomineralization. Comptes Rendus - Geoscience, 2011, 343, 160-167.	0.4	145
14	Speciation of Arsenic in Euglena gracilis Cells Exposed to As(V). Environmental Science & Technology, 2009, 43, 3315-3321.	4.6	27
15	Iron biomineralization by anaerobic neutrophilic iron-oxidizing bacteria. Geochimica Et Cosmochimica Acta, 2009, 73, 696-711.	1.6	255
16	XAS Study of Arsenic Coordination in Euglena gracilis Exposed to Arsenite. Environmental Science & Technology, 2008, 42, 5342-5347.	4.6	33
17	Biologically controlled precipitation of calcium phosphate by Ramlibacter tataouinensis. Earth and Planetary Science Letters, 2004, 228, 439-449.	1.8	93