

Feriel Skouri-Panet

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,244
citations

516561

16
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

1486
citing authors

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