Feriel Skouri-Panet

List of Publications by Citations

17 papers	866 citations	14 h-index	18 g-index
18 ext. papers	1,120 ext. citations	5.5 avg, IF	3.56 L-index

#	Paper	IF	Citations
17	Iron biomineralization by anaerobic neutrophilic iron-oxidizing bacteria. *Geochimica Et Cosmochimica Acta*, **2009**, 73, 696-711	5.5	219
16	Intracellular Ca-carbonate biomineralization is widespread in cyanobacteria. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10933-8	11.5	134
15	Significance, mechanisms and environmental implications of microbial biomineralization. *Comptes Rendus - Geoscience*, **2011**, 343, 160-167	1.4	117
14	Biologically controlled precipitation of calcium phosphate by Ramlibacter tataouinensis. *Earth and Planetary Science Letters*, **2004**, 228, 439-449	5.3	77
13	Early entombment within silica minimizes the molecular degradation of microorganisms during advanced diagenesis. *Chemical Geology*, **2016**, 437, 98-108	4.2	61
12	Organic molecular heterogeneities can withstand diagenesis. *Scientific Reports*, **2017**, 7, 1508	4.9	36
11	XAS study of arsenic coordination in Euglena gracilis exposed to arsenite. *Environmental Science & Technology*, **2008**, 42, 5342-7	10.3	31
10	Biomineralization Patterns of Intracellular Carbonatogenesis in Cyanobacteria: Molecular Hypotheses. *Minerals (Basel, Switzerland)*, **2016**, 6, 10	2.4	30
9	Selective Uptake of Alkaline Earth Metals by Cyanobacteria Forming Intracellular Carbonates. *Environmental Science & Technology*, **2016**, 50, 11654-11662	10.3	29
8	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	2.2	28
7	Amorphous Calcium Carbonate Granules Form Within an Intracellular Compartment in Calcifying Cyanobacteria. *Frontiers in Microbiology*, **2018**, 9, 1768	5.7	25
6	Speciation of arsenic in Euglena gracilis cells exposed to As(V). *Environmental Science & Technology*, **2009**, 43, 3315-21	10.3	25
5	Mineralogical Diversity in Lake Pavin: Connections with Water Column Chemistry and Biomineralization Processes. *Minerals (Basel, Switzerland)*, **2016**, 6, 24	2.4	19
4	The diversity of molecular mechanisms of carbonate biomineralization by bacteria. *Discover Materials*, **2021**, 1, 1		14
3	Impact of the cyanobacterium Gloeomargarita lithophora on the geochemical cycles of Sr and Ba. *Chemical Geology*, **2018**, 483, 88-97	4.2	12
2	Evidence of high Ca uptake by cyanobacteria forming intracellular CaCO and impact on their growth. *Geobiology*, **2019**, 17, 676-690	4.3	9
1	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	5.7	0