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List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,580
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron biomineralization by anaerobic neutrophilic iron-oxidizing bacteria. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 696-711.	3.9	255
2	Decoupling photochemical Fe(II) oxidation from shallow-water BIF deposition. <i>Earth and Planetary Science Letters</i> , 2007, 258, 87-100.	4.4	227
3	Microbiological interactions: How microorganisms influence the fate of marine microplastics. <i>Limnology and Oceanography Letters</i> , 2020, 5, 18-36.	3.9	188
4	Physiology of phototrophic iron(II)-oxidizing bacteria: implications for modern and ancient environments. <i>FEMS Microbiology Ecology</i> , 2008, 66, 250-260.	2.7	175
5	Petrography and geochemistry of the Dales Gorge banded iron formation: Paragenetic sequence, source and implications for palaeo-ocean chemistry. <i>Precambrian Research</i> , 2009, 172, 163-187.	2.7	170
6	Alternating Si and Fe deposition caused by temperature fluctuations in Precambrian oceans. <i>Nature Geoscience</i> , 2008, 1, 703-708.	12.9	138
7	Biogenic Fe(III) minerals: From formation to diagenesis and preservation in the rock record. <i>Earth-Science Reviews</i> , 2014, 135, 103-121.	9.1	110
8	Simulating Precambrian banded iron formation diagenesis. <i>Chemical Geology</i> , 2013, 362, 66-73.	3.3	88
9	Microbiological processes in banded iron formation deposition. <i>Sedimentology</i> , 2013, 60, 1733-1754.	3.1	73
10	Size, density and composition of cell-mineral aggregates formed during anoxygenic phototrophic Fe(II) oxidation: Impact on modern and ancient environments. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3476-3493.	3.9	71
11	Biogenic Fe(III) Minerals Lower the Efficiency of Iron-Mineral-Based Commercial Filter Systems for Arsenic Removal. <i>Environmental Science & Technology</i> , 2011, 45, 7533-7541.	10.0	36
12	Lake Cadagno: Microbial Life in Crenogenic Meromixis. <i>Ecological Studies</i> , 2017, , 155-186.	1.2	17
13	Banded Iron Formations. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 92-103.	0.1	12
14	Arsenic and high affinity phosphate uptake gene distribution in shallow submarine hydrothermal sediments. <i>Biogeochemistry</i> , 2018, 141, 41-62.	3.5	11
15	Modes of carbon fixation in an arsenic and CO ₂ -rich shallow hydrothermal ecosystem. <i>Scientific Reports</i> , 2017, 7, 14708.	3.3	9