

Jefferson Cypriano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

170
citations

8
h-index

13
g-index

14
ext. papers

228
ext. citations

4
avg, IF

2.74
L-index

#	Paper	IF	Citations
13	Applications of Magnetotactic Bacteria, Magnetosomes and Magnetosome Crystals in Biotechnology and Nanotechnology: Mini-Review. <i>Molecules</i> , 2018 , 23,	4.8	71
12	Culture-independent characterization of a novel magnetotactic member affiliated to the Beta class of the Proteobacteria phylum from an acidic lagoon. <i>Environmental Microbiology</i> , 2018 , 20, 2615-2624	5.2	17
11	Magnetosome magnetite biomineralization in a flagellated protist: evidence for an early evolutionary origin for magnetoreception in eukaryotes. <i>Environmental Microbiology</i> , 2020 , 22, 1495-1506	5.2	15
10	Uptake and persistence of bacterial magnetite magnetosomes in a mammalian cell line: Implications for medical and biotechnological applications. <i>PLoS ONE</i> , 2019 , 14, e0215657	3.7	14
9	North-Seeking Magnetotactic Gammaproteobacteria in the Southern Hemisphere. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 5595-602	4.8	14
8	Combined genomic and structural analyses of a cultured magnetotactic bacterium reveals its niche adaptation to a dynamic environment. <i>BMC Genomics</i> , 2016 , 17, 726	4.5	14
7	Fingerprints of partial oxidation of biogenic magnetite from cultivated and natural marine magnetotactic bacteria using synchrotron radiation. <i>Environmental Microbiology Reports</i> , 2018 , 10, 337-343	3.7	11
6	Localized iron accumulation precedes nucleation and growth of magnetite crystals in magnetotactic bacteria. <i>Scientific Reports</i> , 2017 , 7, 8291	4.9	8
5	Insight on thermal stability of magnetite magnetosomes: implications for the fossil record and biotechnology. <i>Scientific Reports</i> , 2020 , 10, 6706	4.9	3
4	New Phenotype and Mineralization of Biogenic Iron Oxide in Magnetotactic Bacteria.. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
3	Antibiofilm effect of mono-rhamnolipids and di-rhamnolipids on carbon steel submitted to oil produced water. <i>Biotechnology Progress</i> , 2021 , 37, e3131	2.8	0
2	Occurrence of south- and north-seeking multicellular magnetotactic prokaryotes in a coastal lagoon in the South Hemisphere. <i>International Microbiology</i> , 2021 , 1	3	
1	Magnetosome Biomineralization by Magnetotactic Bacteria. <i>Microbiology Monographs</i> , 2022 , 243-281	0.8	