

Himel N Khaleque

List of Publications by Year in descending order

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12
papers

399
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933447

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#	ARTICLE	IF	CITATIONS
1	Recent progress in biohydrometallurgy and microbial characterisation. <i>Hydrometallurgy</i> , 2018, 180, 7-25.	4.3	137
2	In a quest for engineering acidophiles for biomining applications: challenges and opportunities. <i>Genes</i> , 2018, 9, 116.	2.4	73
3	Better together: Potential of co-culture microorganisms to enhance bioleaching of rare earth elements from monazite. <i>Bioresource Technology Reports</i> , 2018, 3, 109-118.	2.7	35
4	Genome-based classification of two halotolerant extreme acidophiles, <i>Acidihalobacter prosperus</i> V6 (=DSM 14174 =JCM 32253) and ' <i>Acidihalobacter ferrooxidans</i> ' V8 (=DSM 14175 =JCM 32254) as two new species, <i>Acidihalobacter aeolianus</i> sp. nov. and <i>Acidihalobacter ferrooxydans</i> sp. nov., respectively. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1557-1565.	1.7	25
5	Uncovering the Mechanisms of Halotolerance in the Extremely Acidophilic Members of the <i>Acidihalobacter</i> Genus Through Comparative Genome Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 155.	3.5	24
6	Chloride ion tolerance and pyrite bioleaching capabilities of pure and mixed halotolerant, acidophilic iron- and sulfur-oxidizing cultures. <i>Minerals Engineering</i> , 2018, 120, 87-93.	4.3	22
7	Effect of glycine on bioleaching of rare earth elements from Western Australian monazite by heterotrophic and autotrophic microorganisms. <i>Hydrometallurgy</i> , 2019, 189, 105137.	4.3	22
8	Complete genome sequence of <i>Acidihalobacter prosperus</i> strain F5, an extremely acidophilic, iron- and sulfur-oxidizing halophile with potential industrial applicability in saline water bioleaching of chalcopyrite. <i>Journal of Biotechnology</i> , 2017, 262, 56-59.	3.8	17
9	Draft Genome Sequence of the Acidophilic, Halotolerant, and Iron/Sulfur-Oxidizing <i>Acidihalobacter prosperus</i> DSM 14174 (Strain V6). <i>Genome Announcements</i> , 2017, 5, .	0.8	15
10	Genome-based classification of <i>Acidihalobacter prosperus</i> F5 (=DSM 105917=JCM 32255) as <i>Acidihalobacter yilgarnensis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6226-6234.	1.7	13
11	Quantitative proteomics using SWATH-MS identifies mechanisms of chloride tolerance in the halophilic acidophile <i>Acidihalobacter prosperus</i> DSM 14174. <i>Research in Microbiology</i> , 2018, 169, 638-648.	2.1	10
12	Draft Genome Sequence of <i>Acidihalobacter ferrooxidans</i> DSM 14175 (Strain V8), a New Iron- and Sulfur-Oxidizing, Halotolerant, Acidophilic Species. <i>Genome Announcements</i> , 2017, 5, .	0.8	6