Wei-Jia Zhang

List of Publications by Year
in descending order

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26 papers	652 citations	687363 13 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	602 citing authors

#	Article	IF	Citations
1	Metagenomic analysis reveals wide distribution of phototrophic bacteria in hydrothermal vents on the ultraslow-spreading Southwest Indian Ridge. Marine Life Science and Technology, 2022, 4, 255-267.	4.6	4
2	Resazurin as an indicator of reducing capacity for analyzing the physiologic status of deep-sea bacterium Photobacterium phosphoreum ANT-2200. Journal of Oceanology and Limnology, 2021, 39, 297-305.	1.3	5
3	Comparative genomic analysis of obligately piezophilic Moritella yayanosii DB21MT-5 reveals bacterial adaptation to the Challenger Deep, Mariana Trench. Microbial Genomics, 2021, 7, .	2.0	4
4	Thermococcus aciditolerans sp. nov., a piezotolerant, hyperthermophilic archaeon isolated from a deep-sea hydrothermal vent chimney in the Southwest Indian Ridge. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	9
5	Complete genome sequence of Crassaminicella sp. 143-21ï¼Œisolated from a deep-sea hydrothermal vent. Marine Genomics, 2021, 62, 100899.	1.1	2
6	Crassaminicella thermophila sp. nov., a moderately thermophilic bacterium isolated from a deep-sea hydrothermal vent chimney and emended description of the genus Crassaminicella. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	12
7	Distinct influence of trimethylamine N-oxide and high hydrostatic pressure on community structure and culturable deep-sea bacteria. Journal of Oceanology and Limnology, 2020, 38, 364-377.	1.3	3
8	Genome analysis of Crassaminicella sp. SY095, an anaerobic mesophilic marine bacterium isolated from a deep-sea hydrothermal vent on the Southwest Indian Ridge. Marine Genomics, 2020, 52, 100733.	1.1	4
9	Flagella and Swimming Behavior of Marine Magnetotactic Bacteria. Biomolecules, 2020, 10, 460.	4.0	14
10	Proliferation of hydrocarbon-degrading microbes at the bottom of the Mariana Trench. Microbiome, 2019, 7, 47.	11.1	128
11	Analysis of the Antigenic Properties of Membrane Proteins of Mycobacterium tuberculosis. Scientific Reports, 2019, 9, 3042.	3.3	13
12	Complete genome sequence of Shewanella benthica DB21MT-2, an obligate piezophilic bacterium isolated from the deepest Mariana Trench sediment. Marine Genomics, 2019, 44, 52-56.	1.1	12
13	Pressure-Regulated Gene Expression and Enzymatic Activity of the Two Periplasmic Nitrate Reductases in the Deep-Sea Bacterium Shewanella piezotolerans WP3. Frontiers in Microbiology, 2018, 9, 3173.	3.5	9
14	Ultrastructure of ellipsoidal magnetotactic multicellular prokaryotes depicts their complex assemblage and cellular polarity in the context of magnetotaxis. Environmental Microbiology, 2017, 19, 2151-2163.	3.8	22
15	The chimeric nature of the genomes of marine magnetotactic coccoidâ€ovoid bacteria defines a novel group of <scp>P</scp>roteobacteria. Environmental Microbiology, 2017, 19, 1103-1119.	3.8	60
16	Measurement of Free-Swimming Motility and Magnetotactic Behavior of Magnetococcus massalia Strain MO-1. Methods in Molecular Biology, 2017, 1593, 305-320.	0.9	7
17	Bacterial community structure and novel species of magnetotactic bacteria in sediments from a seamount in the Mariana volcanic arc. Scientific Reports, 2017, 7, 17964.	3.3	29
18	High Hydrostatic Pressure Inducible Trimethylamine N-Oxide Reductase Improves the Pressure Tolerance of Piezosensitive Bacteria Vibrio fluvialis. Frontiers in Microbiology, 2017, 8, 2646.	3.5	33

#	Article	IF	Citations
19	Genomic and physiological analysis reveals versatile metabolic capacity of deep-sea Photobacterium phosphoreum ANT-2200. Extremophiles, 2016, 20, 301-310.	2.3	18
20	Swimming behaviour and magnetotaxis function of the marine bacterium strain <scp>MO</scp>â€1. Environmental Microbiology Reports, 2014, 6, 14-20.	2.4	34
21	Comparative genomic analysis provides insights into the evolution and niche adaptation of marine <scp>M</scp>agnetospira sp. <scp>QH</scp>â€2 strain. Environmental Microbiology, 2014, 16, 525-544.	3.8	66
22	Architecture of a flagellar apparatus in the fast-swimming magnetotactic bacterium MO-1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20643-20648.	7.1	29
23	Complex Spatial Organization and Flagellin Composition of Flagellar Propeller from Marine Magnetotactic Ovoid Strain MO-1. Journal of Molecular Biology, 2012, 416, 558-570.	4.2	27
24	A novel genus of multicellular magnetotactic prokaryotes from the Yellow Sea. Environmental Microbiology, 2012, 14, 405-413.	3.8	64
25	Calcium ionâ€mediated assembly and function of glycosylated flagellar sheath of marine magnetotactic bacterium. Molecular Microbiology, 2010, 78, 1304-1312.	2.5	19
26	Configuration of redox gradient determines magnetotactic polarity of the marine bacteria MOâ€1. Environmental Microbiology Reports, 2010, 2, 646-650.	2.4	25