Yinzhao Wang

List of Publications by Year
in descending order

26	785	623734	580821
papers	citations	14 h-index	25 g-index

27	27	27	818
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expanding Asgard members in the domain of Archaea sheds new light on the origin of eukaryotes. Science China Life Sciences, 2022, 65, 818-829.	4.9	18
2	The late Archaean to early Proterozoic origin and evolution of anaerobic methaneâ€oxidizing archaea. , 2022, 1, 96-100.		6
3	Draft Genome Sequences of Four Bacterial Strains Isolated from Sediment of the South China Sea. Microbiology Resource Announcements, 2022, 11, e0019122.	0.6	2
4	Potential metabolic and genetic interaction among viruses, methanogen and methanotrophic archaea, and their syntrophic partners. ISME Communications, 2022, 2, .	4.2	5
5	Methyl/alkylâ€coenzyme M reductaseâ€based anaerobic alkane oxidation in archaea. Environmental Microbiology, 2021, 23, 530-541.	3.8	49
6	A methylotrophic origin of methanogenesis and early divergence of anaerobic multicarbon alkane metabolism. Science Advances, 2021, 7, .	10.3	24
7	Diversity and distribution of viruses inhabiting the deepest ocean on Earth. ISME Journal, 2021, 15, 3094-3110.	9.8	55
8	Identification and Genomic Characterization of Two Previously Unknown Magnetotactic Nitrospirae. Frontiers in Microbiology, 2021, 12, 690052.	3.5	7
9	A methylotrophic origin of methanogenesis and early divergence of anaerobic multicarbon alkane metabolism. Science Advances, 2021, 7, .	10.3	33
10	New approaches for archaeal genome-guided cultivation. Science China Earth Sciences, 2021, 64, 1658-1673.	5.2	7
11	The origin and impeded dissemination of the DNA phosphorothioation system in prokaryotes. Nature Communications, 2021, 12, 6382.	12.8	14
12	Genomic and enzymatic evidence of acetogenesis by anaerobic methanotrophic archaea. Nature Communications, 2020, 11, 3941.	12.8	45
13	Microbial succession during the transition from active to inactive stages of deep-sea hydrothermal vent sulfide chimneys. Microbiome, 2020, 8, 102.	11.1	62
14	Genomic evidence of the illumination response mechanism and evolutionary history of magnetotactic bacteria within the Rhodospirillaceae family. BMC Genomics, 2019, 20, 407.	2.8	8
15	Metal-dependent anaerobic methane oxidation in marine sediment: Insights from marine settings and other systems. Science China Life Sciences, 2019, 62, 1287-1295.	4.9	25
16	Phylogenetic and Structural Identification of a Novel Magnetotactic Deltaproteobacteria Strain, WYHR-1, from a Freshwater Lake. Applied and Environmental Microbiology, 2019, 85, .	3.1	35
17	Expanding anaerobic alkane metabolism in the domain of Archaea. Nature Microbiology, 2019, 4, 595-602.	13.3	133
18	Diverse anaerobic methaneâ€and multiâ€carbon alkaneâ€metabolizing archaea coexist and show activity in Guaymas Basin hydrothermal sediment. Environmental Microbiology, 2019, 21, 1344-1355.	3.8	25

#	Article	IF	Citations
19	Identification of a functional toxinâ€“antitoxin system located in the genomic island PYG1 of piezophilic hyperthermophilic archaeon Pyrococcus yayanosii. Extremophiles, 2018, 22, 347-357.	2.3	12
20	Origin of microbial biomineralization and magnetotaxis during the Archean. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2171-2176.	7.1	98
21	Reply to Wang and Chen: An ancient origin of magnetotactic bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5019-E5020.	7.1	3
22	Controlled cobalt doping in the spinel structure of magnetosome magnetite: new evidences from element- and site-specific X-ray magnetic circular dichroism analyses. Journal of the Royal Society Interface, 2016, 13, 20160355.	3.4	36
23	Complete Genome Sequence of Magnetospirillum sp. Strain XM-1, Isolated from the Xi'an City Moat, China. Genome Announcements, 2016, 4, .	0.8	6
24	Characterizing and optimizing magnetosome production ofMagnetospirillumsp. XM-1 isolated from Xi'an City Moat, China. FEMS Microbiology Letters, 2015, 362, fnv167.	1.8	12
25	High Diversity of Magnetotactic Deltaproteobacteria in a Freshwater Niche. Applied and Environmental Microbiology, 2013, 79, 2813-2817.	3.1	53
26	Changes of cell growth and magnetosome biomineralization in Magnetospirillum magneticum AMB-1 after ultraviolet-B irradiation. Frontiers in Microbiology, 2013, 4, 397.	3.5	12