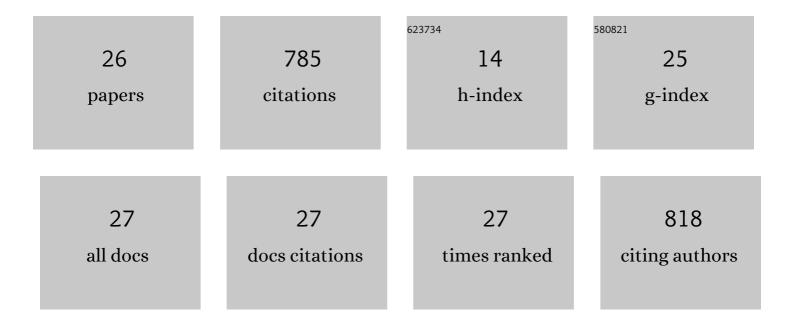
## Yinzhao Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1780100/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Expanding anaerobic alkane metabolism in the domain of Archaea. Nature Microbiology, 2019, 4, 595-602.	13.3	133
2	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
3	Microbial succession during the transition from active to inactive stages of deep-sea hydrothermal vent sulfide chimneys. Microbiome, 2020, 8, 102.	11.1	62
4	Diversity and distribution of viruses inhabiting the deepest ocean on Earth. ISME Journal, 2021, 15, 3094-3110.	9.8	55
5	High Diversity of Magnetotactic Deltaproteobacteria in a Freshwater Niche. Applied and Environmental Microbiology, 2013, 79, 2813-2817.	3.1	53
6	Methyl/alkyl 0enzyme M reductaseâ€based anaerobic alkane oxidation in archaea. Environmental Microbiology, 2021, 23, 530-541.	3.8	49
7	Genomic and enzymatic evidence of acetogenesis by anaerobic methanotrophic archaea. Nature Communications, 2020, 11, 3941.	12.8	45
8	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
9	Phylogenetic and Structural Identification of a Novel Magnetotactic <i>Deltaproteobacteria</i> Strain, WYHR-1, from a Freshwater Lake. Applied and Environmental Microbiology, 2019, 85, .	3.1	35
10	A methylotrophic origin of methanogenesis and early divergence of anaerobic multicarbon alkane metabolism. Science Advances, 2021, 7, .	10.3	33
11	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
12	Diverse anaerobic methane†and multiâ€carbon alkaneâ€metabolizing archaea coexist and show activity in Guaymas Basin hydrothermal sediment. Environmental Microbiology, 2019, 21, 1344-1355.	3.8	25
13	A methylotrophic origin of methanogenesis and early divergence of anaerobic multicarbon alkane metabolism. Science Advances, 2021, 7, .	10.3	24
14	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
15	The origin and impeded dissemination of the DNA phosphorothioation system in prokaryotes. Nature Communications, 2021, 12, 6382.	12.8	14
16	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
17	Characterizing and optimizing magnetosome production of <i>Magnetospirillum</i> sp. XM-1 isolated from Xi'an City Moat, China. FEMS Microbiology Letters, 2015, 362, fnv167.	1.8	12
18	ldentification of a functional toxin–antitoxin system located in the genomic island PYG1 of piezophilic hyperthermophilic archaeon Pyrococcus yayanosii. Extremophiles, 2018, 22, 347-357.	2.3	12

YINZHAO WANG

#	Article	IF	CITATIONS
19	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
20	Identification and Genomic Characterization of Two Previously Unknown Magnetotactic Nitrospirae. Frontiers in Microbiology, 2021, 12, 690052.	3.5	7
21	New approaches for archaeal genome-guided cultivation. Science China Earth Sciences, 2021, 64, 1658-1673.	5.2	7
22	Complete Genome Sequence of <i>Magnetospirillum</i> sp. Strain XM-1, Isolated from the Xi'an City Moat, China. Genome Announcements, 2016, 4, .	0.8	6
23	The late Archaean to early Proterozoic origin and evolution of anaerobic methaneâ€oxidizing archaea. , 2022, 1, 96-100.		6
24	Potential metabolic and genetic interaction among viruses, methanogen and methanotrophic archaea, and their syntrophic partners. ISME Communications, 2022, 2, .	4.2	5
25	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
26	Draft Genome Sequences of Four Bacterial Strains Isolated from Sediment of the South China Sea. Microbiology Resource Announcements, 2022, 11, e0019122.	0.6	2