

# Yonghui Zeng

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,832  
citations

304743

22  
h-index

276875

41  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2051  
citing authors

#	ARTICLE	IF	CITATIONS
1	2.4-Å... structure of the double-ring <i>Gemmatimonas phototrophica</i> photosystem. <i>Science Advances</i> , 2022, 8, eabk3139.	10.3	16
2	Bacteria in the lakes of the Tibetan Plateau and polar regions. <i>Science of the Total Environment</i> , 2021, 754, 142248.	8.0	16
3	Characterization of the Aerobic Anoxygenic Phototrophic Bacterium <i>Sphingomonas</i> sp. AAP5. <i>Microorganisms</i> , 2021, 9, 768.	3.6	10
4	Genomic Insights of <i>Cryobacterium</i> Isolated From Ice Core Reveal Genome Dynamics for Adaptation in Glacier. <i>Frontiers in Microbiology</i> , 2020, 11, 1530.	3.5	12
5	Potential Rhodopsin- and Bacteriochlorophyll-Based Dual Phototrophy in a High Arctic Glacier. <i>MBio</i> , 2020, 11, .	4.1	23
6	<i>Gemmatimonas groenlandica</i> sp. nov. Is an Aerobic Anoxygenic Phototroph in the Phylum Gemmatimonadetes. <i>Frontiers in Microbiology</i> , 2020, 11, 606612.	3.5	48
7	Simultaneous Presence of Bacteriochlorophyll and Xanthorhodopsin Genes in a Freshwater Bacterium. <i>MSystems</i> , 2020, 5, .	3.8	11
8	Genomics of Aerobic Photoheterotrophs in Wheat Phyllosphere Reveals Divergent Evolutionary Patterns of Photosynthetic Genes in <i>Methylobacterium</i> spp.. <i>Genome Biology and Evolution</i> , 2019, 11, 2895-2908.	2.5	19
9	Aerobic Anoxygenic Photosynthesis Is Commonly Present within the Genus <i>Limnohabitans</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	64
10	Aerobic Anoxygenic Phototrophic Bacteria Promote the Development of Biological Soil Crusts. <i>Frontiers in Microbiology</i> , 2018, 9, 2715.	3.5	17
11	Draft Genome Sequence of <i>Aquicola tertiaricarbonis</i> MIMtkpLc11, an Aerobic Anoxygenic Phototrophic Bacterial Strain Isolated from Biological Soil Crusts. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	1
12	<i>Niveispirillum lacus</i> sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 507-512.	1.7	10
13	<i>Sandarakinorhabdus cyanobacteriorum</i> sp. nov., a novel bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 730-735.	1.7	18
14	<i>Flavobacterium cyanobacteriorum</i> sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1279-1284.	1.7	8
15	Genomic Analysis of the Evolution of Phototrophy among Haloalkaliphilic Rhodobacterales. <i>Genome Biology and Evolution</i> , 2017, 9, 1950-1962.	2.5	25
16	Draft genome sequence of <i>Elstera cyanobacteriorum</i> , a novel facultative aerobic bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>Gene Reports</i> , 2017, 9, 136-138.	0.8	0
17	High-quality draft genome sequence of <i>Aquidulcibacter paucihalophilus</i> TH1-2T isolated from cyanobacterial aggregates in a eutrophic lake. <i>Standards in Genomic Sciences</i> , 2017, 12, 69.	1.5	1
18	Phototrophic Gemmatimonadetes: A New "Purple" Branch on the Bacterial Tree of Life. , 2017, , 163-192.		11

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19	Elstera cyanobacteriorum sp. nov., a novel bacterium isolated from cyanobacterial aggregates in a eutrophic lake. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4272-4275.	1.7	17
20	Novel <i>acsF</i> Gene Primers Revealed a Diverse Phototrophic Bacterial Population, Including Gemmatimonadetes, in Lake Taihu (China). Applied and Environmental Microbiology, 2016, 82, 5587-5594.	3.1	18
21	Metagenomic evidence for the presence of phototrophic <i>Gemmatimonadetes</i> bacteria in diverse environments. Environmental Microbiology Reports, 2016, 8, 139-149.	2.4	66
22	Whole genome sequences of a free-living <i>Pseudomonas</i> sp. strain ML96 isolated from a freshwater Maar Lake. Marine Genomics, 2015, 24, 219-221.	1.1	1
23	Draft Genome Sequence of the Cellulolytic Bacterium <i>Clavibacter</i> sp. CF11, a Strain Producing Cold-Active Cellulase. Genome Announcements, 2015, 3, .	0.8	10
24	Characterization of the microaerophilic, bacteriochlorophyll a-containing bacterium <i>Gemmatimonas phototrophica</i> sp. nov., and emended descriptions of the genus <i>Gemmatimonas</i> and <i>Gemmatimonas aurantiaca</i> . International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2410-2419.	1.7	98
25	Functional type 2 photosynthetic reaction centers found in the rare bacterial phylum <i>Gemmatimonadetes</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7795-7800.	7.1	220
26	Genome of Betaproteobacterium <i>Caenimonas</i> sp. Strain SL110 Contains a Coenzyme F420 Biosynthesis Gene Cluster. Journal of Microbiology and Biotechnology, 2014, 24, 1490-1494.	2.1	1
27	Regressive Evolution of Photosynthesis in the <i>Roseobacter</i> Clade. Advances in Botanical Research, 2013, 66, 385-405.	1.1	18
28	Long PCR-RFLP of 16S-ITS-23S rRNA genes: a high-resolution molecular tool for bacterial genotyping. Journal of Applied Microbiology, 2013, 114, 433-447.	3.1	18
29	Whole-Genome Sequences of an Aerobic Anoxygenic Phototroph, <i>Blastomonas</i> sp. Strain AAP53, Isolated from a Freshwater Desert Lake in Inner Mongolia, China. Genome Announcements, 2013, 1, e0007113.	0.8	11
30	Genome Sequences and Photosynthesis Gene Cluster Composition of a Freshwater Aerobic Anoxygenic Phototroph, <i>Sandarakinorhabdus</i> sp. Strain AAP62, Isolated from the Shahu Lake in Ningxia, China. Genome Announcements, 2013, 1, .	0.8	4
31	Whole-Genome Sequence of a Freshwater Aerobic Anoxygenic Phototroph, <i>Porphyrobacter</i> sp. Strain AAP82, Isolated from the Huguangyan Maar Lake in Southern China. Genome Announcements, 2013, 1, e0007213.	0.8	5
32	Genome Sequences of Two Freshwater Betaproteobacterial Isolates, Limnohabitans Species Strains Rim28 and Rim47, Indicate Their Capabilities as Both Photoautotrophs and Ammonia Oxidizers. Journal of Bacteriology, 2012, 194, 6302-6303.	2.2	48
33	Phylogenetic analysis of aerobic anoxygenic phototrophic bacteria and their relatives based on farnesyl pyrophosphate synthase gene. Acta Oceanologica Sinica, 2010, 29, 82-89.	1.0	1
34	Bacterial diversity in various coastal mariculture ponds in Southeast China and in diseased eels as revealed by culture and culture-independent molecular techniques. Aquaculture Research, 2010, 41, e172-e186.	1.8	24
35	Bacterial Community of the Largest Oligosaline Lake, Namco on the Tibetan Plateau. Geomicrobiology Journal, 2010, 27, 669-682.	2.0	32
36	<i>Mameliella alba</i> gen. nov., sp. nov., a marine bacterium of the <i>Roseobacter</i> clade in the order Rhodobacterales. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 953-957.	1.7	31

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37	Bacterial Diversity of Freshwater Alpine Lake Puma Yumco on the Tibetan Plateau. <i>Geomicrobiology Journal</i> , 2009, 26, 131-145.	2.0	55
38	Vertical distribution and phylogenetic composition of bacteria in the Eastern Tropical North Pacific Ocean. <i>Microbiological Research</i> , 2009, 164, 624-633.	5.3	18
39	Bacterial diversity in the snow over Tibetan Plateau Glaciers. <i>Extremophiles</i> , 2009, 13, 411-423.	2.3	114
40	Comparison of bacterioplankton communities in three mariculture ponds farming different commercial animals in subtropical Chinese coast. <i>Hydrobiologia</i> , 2009, 632, 107-126.	2.0	8
41	Abundance and diversity of snow bacteria in two glaciers at the Tibetan Plateau. <i>Frontiers of Earth Science</i> , 2009, 3, 80-90.	0.5	5
42	Genetic diversity of aerobic anoxygenic photosynthetic bacteria in open ocean surface waters and upper twilight zones. <i>Marine Biology</i> , 2009, 156, 425-437.	1.5	11
43	A NOVEL METHOD FOR ASSESSMENT OF 16S RRNA GENE COPY NUMBER IN BACTERIAL GENOMES BY PULSED-FIELD GEL ELECTROPHORESIS AND PCR AMPLIFICATION. <i>Journal of Rapid Methods and Automation in Microbiology</i> , 2009, 17, 274-279.	0.4	1
44	Bacteria variabilities in a Tibetan ice core and their relations with climate change. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	4.9	34
45	Contrasting diversity pattern of <i>Cytophaga</i> – <i>Flavobacteria</i> in the estuarine and open ocean regions of the East China Sea. <i>Marine Biology Research</i> , 2007, 3, 428-437.	0.7	0
46	Ecological anomalies in the East China Sea: Impacts of the Three Gorges Dam?. <i>Water Research</i> , 2007, 41, 1287-1293.	11.3	138
47	Distinct distribution pattern of abundance and diversity of aerobic anoxygenic phototrophic bacteria in the global ocean. <i>Environmental Microbiology</i> , 2007, 9, 3091-3099.	3.8	164
48	Genetic diversity assessment of anoxygenic photosynthetic bacteria by distance-based grouping analysis of pufM sequences. <i>Letters in Applied Microbiology</i> , 2007, 45, 639-645.	2.2	24
49	Phylogenetic diversity of planktonic archaea in the estuarine region of East China Sea. <i>Microbiological Research</i> , 2007, 162, 26-36.	5.3	29
50	Microbial community structure in major habitats above 6000 m on Mount Everest. <i>Science Bulletin</i> , 2007, 52, 2350-2357.	1.7	23
51	Source environment feature related phylogenetic distribution pattern of anoxygenic photosynthetic bacteria as revealed by pufM analysis. <i>Journal of Microbiology</i> , 2007, 45, 205-12.	2.8	6
52	Development and evaluation of specific 16S rDNA primers for marine <i>Cytophaga-Flavobacteria</i> cluster. <i>Molecular Ecology Notes</i> , 2006, 6, 1278-1281.	1.7	10
53	Abundant presence of the $\beta$ -like Proteobacterial pufM gene in oxic seawater. <i>FEMS Microbiology Letters</i> , 2006, 263, 200-206.	1.8	32
54	Microbial community structure in moraine lakes and glacial meltwaters, Mount Everest. <i>FEMS Microbiology Letters</i> , 2006, 265, 98-105.	1.8	72

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55	Diversity and distribution of pigmented heterotrophic bacteria in marine environments. FEMS Microbiology Ecology, 2006, 57, 92-105.	2.7	68
56	Seasonal variation of snow microbial community structure in the East Rongbuk glacier, Mt. Everest. Science Bulletin, 2006, 51, 1476-1486.	9.0	28
57	Real-time PCR for quantification of aerobic anoxygenic phototrophic bacteria based on pufM gene in marine environment. Journal of Experimental Marine Biology and Ecology, 2006, 329, 113-121.	1.5	36
58	Natural community structure of cyanobacteria in the South China Sea as revealed by rpoC1 gene sequence analysis. Letters in Applied Microbiology, 2004, 39, 353-358.	2.2	21