Yonghui Zeng

List of Publications by Year
in descending order

58	1,832	304743 22	276875 41
papers	citations	h-index	g-index

61	61	61	2051
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional type 2 photosynthetic reaction centers found in the rare bacterial phylum Gemmatimonadetes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7795-7800.	7.1	220
2	Distinct distribution pattern of abundance and diversity of aerobic anoxygenic phototrophic bacteria in the global ocean. Environmental Microbiology, 2007, 9, 3091-3099.	3.8	164
3	Ecological anomalies in the East China Sea: Impacts of the Three Gorges Dam?. Water Research, 2007, 41, 1287-1293.	11.3	138
4	Bacterial diversity in the snow over Tibetan Plateau Glaciers. Extremophiles, 2009, 13, 411-423.	2.3	114
5	Characterization of the microaerophilic, bacteriochlorophyll a-containing bacterium Gemmatimonas phototrophica sp. nov., and emended descriptions of the genus Gemmatimonas and Gemmatimonas aurantiaca. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2410-2419.	1.7	98
6	Microbial community structure in moraine lakes and glacial meltwaters, Mount Everest. FEMS Microbiology Letters, 2006, 265, 98-105.	1.8	72
7	Diversity and distribution of pigmented heterotrophic bacteria in marine environments. FEMS Microbiology Ecology, 2006, 57, 92-105.	2.7	68
8	Metagenomic evidence for the presence of phototrophic <scp>G</scp>emmatimonadetes bacteria in diverse environments. Environmental Microbiology Reports, 2016, 8, 139-149.	2.4	66
9	Aerobic Anoxygenic Photosynthesis Is Commonly Present within the Genus Limnohabitans. Applied and Environmental Microbiology, 2018, 84, .	3.1	64
10	Bacterial Diversity of Freshwater Alpine Lake Puma Yumco on the Tibetan Plateau. Geomicrobiology Journal, 2009, 26, 131-145.	2.0	55
11	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
12	Gemmatimonas groenlandica sp. nov. Is an Aerobic Anoxygenic Phototroph in the Phylum Gemmatimonadetes. Frontiers in Microbiology, 2020, 11, 606612.	3.5	48
13	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
14	Bacteria variabilities in a Tibetan ice core and their relations with climate change. Global Biogeochemical Cycles, 2008, 22, .	4.9	34
15	Abundant presence of the ÃŽÂ³-like ProteobacterialpufMgene in oxic seawater. FEMS Microbiology Letters, 2006, 263, 200-206.	1.8	32
16	Bacterial Community of the Largest Oligosaline Lake, Namco on the Tibetan Plateau. Geomicrobiology Journal, 2010, 27, 669-682.	2.0	32
17	Mameliella alba gen. nov., sp. nov., a marine bacterium of the Roseobacter clade in the order Rhodobacterales. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 953-957.	1.7	31
18	Phylogenetic diversity of planktonic archaea in the estuarine region of East China Sea. Microbiological Research, 2007, 162, 26-36.	5.3	29

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19	Seasonal variation of snow microbial community structure in the East Rongbuk glacier, Mt. Everest. Science Bulletin, 2006, 51, 1476-1486.	9.0	28
20	Genomic Analysis of the Evolution of Phototrophy among Haloalkaliphilic Rhodobacterales. Genome Biology and Evolution, 2017, 9, 1950-1962.	2.5	25
21	Genetic diversity assessment of anoxygenic photosynthetic bacteria by distance-based grouping analysis of pufM sequences. Letters in Applied Microbiology, 2007, 45, 639-645.	2.2	24
22	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
23	Microbial community structure in major habitats above 6000 m on Mount Everest. Science Bulletin, 2007, 52, 2350-2357.	1.7	23
24	Potential Rhodopsin- and Bacteriochlorophyll-Based Dual Phototrophy in a High Arctic Glacier. MBio, 2020, 11, .	4.1	23
25	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
26	Genomics of Aerobic Photoheterotrophs in Wheat Phyllosphere Reveals Divergent Evolutionary Patterns of Photosynthetic Genes in Methylobacterium spp.. Genome Biology and Evolution, 2019, 11, 2895-2908.	2.5	19
27	Vertical distribution and phylogenetic composition of bacteria in the Eastern Tropical North Pacific Ocean. Microbiological Research, 2009, 164, 624-633.	5.3	18
28	Regressive Evolution of Photosynthesis in the Roseobacter Clade. Advances in Botanical Research, 2013, 66, 385-405.	1.1	18
29	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
30	Novel acsF 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
31	Sandarakinorhabdus cyanobacteriorum sp. nov., a novel bacterium isolated from cyanobacterial aggregates in a eutrophic lake. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 730-735.	1.7	18
32	Aerobic Anoxygenic Phototrophic Bacteria Promote the Development of Biological Soil Crusts. Frontiers in Microbiology, 2018, 9, 2715.	3.5	17
33	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
34	Bacteria in the lakes of the Tibetan Plateau and polar regions. Science of the Total Environment, 2021, 754, 142248.	8.0	16
35	2.4-Ã... structure of the double-ring Gemmatimonas phototrophica photosystem. Science Advances, 2022, 8, eabk3139.	10.3	16
36	Genomic Insights of Cryobacterium Isolated From Ice Core Reveal Genome Dynamics for Adaptation in Glacier. Frontiers in Microbiology, 2020, 11, 1530.	3.5	12

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37	Genetic diversity of aerobic anoxygenic photosynthetic bacteria in open ocean surface waters and upper twilight zones. Marine Biology, 2009, 156, 425-437.	1.5	11
38	Whole-Genome Sequences of an Aerobic Anoxygenic Phototroph, Blastomonas sp. Strain AAP53, Isolated from a Freshwater Desert Lake in Inner Mongolia, China. Genome Announcements, 2013, 1, e0007113.	0.8	11
39	Phototrophic Gemmatimonadetes: A New â€œPurpleâ€•Branch on the Bacterial Tree of Life. , 2017, , 163-192.		11
40	Simultaneous Presence of Bacteriochlorophyll and Xanthorhodopsin Genes in a Freshwater Bacterium. MSystems, 2020, 5, .	3.8	11
41	Development and evaluation of specific 16S rDNA primers for marine Cytophaga-Flavobacteria cluster. Molecular Ecology Notes, 2006, 6, 1278-1281.	1.7	10
42	Draft Genome Sequence of the Cellulolytic Bacterium Clavibacter sp. CF11, a Strain Producing Cold-Active Cellulase. Genome Announcements, 2015, 3, .	0.8	10
43	Characterization of the Aerobic Anoxygenic Phototrophic Bacterium Sphingomonas sp. AAP5. Microorganisms, 2021, 9, 768.	3.6	10
44	Niveispirillum lacus sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 507-512.	1.7	10
45	Comparison of bacterioplankton communities in three mariculture ponds farming different commercial animals in subtropical Chinese coast. Hydrobiologia, 2009, 632, 107-126.	2.0	8
46	Flavobacterium cyanobacteriorum sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1279-1284.	1.7	8
47	Source environment feature related phylogenetic distribution pattern of anoxygenic photosynthetic bacteria as revealed by pufM analysis. Journal of Microbiology, 2007, 45, 205-12.	2.8	6
48	Abundance and diversity of snow bacteria in two glaciers at the Tibetan Plateau. Frontiers of Earth Science, 2009, 3, 80-90.	0.5	5
49	Whole-Genome Sequence of a Freshwater Aerobic Anoxygenic Phototroph, Porphyrobacter sp. Strain AAP82, Isolated from the Huguangyan Maar Lake in Southern China. Genome Announcements, 2013, 1, e0007213.	0.8	5
50	Genome Sequences and Photosynthesis Gene Cluster Composition of a Freshwater Aerobic Anoxygenic Phototroph, Sandarakinorhabdus sp. Strain AAP62, Isolated from the Shahu Lake in Ningxia, China. Genome Announcements, 2013, 1, .	0.8	4
51	A NOVEL METHOD FOR ASSESSMENT OF 16S RRNA GENE COPY NUMBER IN BACTERIAL GENOMES BY PULSEDâ€FIELD GEL ELECTROPHORESIS AND PCR AMPLIFICATION. Journal of Rapid Methods and Automation in Microbiology, 2009, 17, 274-279.	0.4	1
52	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
53	Whole genome sequences of a free-living Pseudomonas sp. strain ML96 isolated from a freshwater Maar Lake. Marine Genomics, 2015, 24, 219-221.	1.1	1
54	High-quality draft genome sequence of Aquidulcibacter paucihalophilus TH1â€“2T isolated from cyanobacterial aggregates in a eutrophic lake. Standards in Genomic Sciences, 2017, 12, 69.	1.5	1

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55	Draft Genome Sequence of Aquincola tertiaricarbonis MIMtkpLc11, an Aerobic Anoxygenic Phototrophic Bacterial Strain Isolated from Biological Soil Crusts. Microbiology Resource Announcements, 2018, 7, .	0.6	1
56	Genome of Betaproteobacterium Caenimonas sp. Strain SL110 Contains a Coenzyme F420 Biosynthesis Gene Cluster. Journal of Microbiology and Biotechnology, 2014, 24, 1490-1494.	2.1	1
57	Contrasting diversity pattern ofCytophagaâ€“Flavobacteriain the estuarine and open ocean regions of the East China Sea. Marine Biology Research, 2007, 3, 428-437.	0.7	0
58	Draft genome sequence of Elstera cyanobacteriorum , a novel facultative aerobic bacterium isolated from cyanobacterial aggregates in a eutrophic lake. Gene Reports, 2017, 9, 136-138.	0.8	0