

# Yan-Ping Mao

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,550  
citations

304368

22  
h-index

360668

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comammox in drinking water systems. <i>Water Research</i> , 2017, 116, 332-341.	5.3	163
2	Characterization of Thauera-dominated hydrogen-oxidizing autotrophic denitrifying microbial communities by using high-throughput sequencing. <i>Bioresource Technology</i> , 2013, 128, 703-710.	4.8	144
3	Aerobic Degradation of Sulfadiazine by <i>Arthrobacter</i> spp.: Kinetics, Pathways, and Genomic Characterization. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9566-9575.	4.6	134
4	Controllable synthesis of graphitic carbon nitride nanomaterials for solar energy conversion and environmental remediation: the road travelled and the way forward. <i>Catalysis Science and Technology</i> , 2018, 8, 4576-4599.	2.1	99
5	Novel nitrifiers and comammox in a full-scale hybrid biofilm and activated sludge reactor revealed by metagenomic approach. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8225-8237.	1.7	90
6	Insights into the ecological roles and evolution of methyl-coenzyme M reductase-containing hot spring Archaea. <i>Nature Communications</i> , 2019, 10, 4574.	5.8	90
7	Genome-centric metagenomics resolves microbial diversity and prevalent truncated denitrification pathways in a denitrifying PAO-enriched bioprocess. <i>Water Research</i> , 2019, 155, 275-287.	5.3	77
8	Diversity and functions of bacterial community in drinking water biofilms revealed by high-throughput sequencing. <i>Scientific Reports</i> , 2015, 5, 10044.	1.6	71
9	Genome Reconstruction and Gene Expression of <i>Candidatus Accumulibacter phosphatis</i> Clade IB Performing Biological Phosphorus Removal. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10363-10371.	4.6	64
10	Dominant and novel clades of <i>Candidatus Accumulibacter phosphatis</i> in 18 globally distributed full-scale wastewater treatment plants. <i>Scientific Reports</i> , 2015, 5, 11857.	1.6	64
11	Thermodynamic and physiological study of caproate and 1,3-propanediol co-production through glycerol fermentation and fatty acids chain elongation. <i>Water Research</i> , 2017, 114, 200-209.	5.3	62
12	Diversity of gut microbiomes in marine fishes is shaped by host-related factors. <i>Molecular Ecology</i> , 2020, 29, 5019-5034.	2.0	57
13	Microbial characterization of heavy metal resistant bacterial strains isolated from an electroplating wastewater treatment plant. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 472-480.	2.9	49
14	Free-living bacteria and potential bacterial pathogens in sewage treatment plants. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2455-2464.	1.7	47
15	Facile one-pot synthesis of mesoporous g-C <sub>3</sub> N <sub>4</sub> nanosheets with simultaneous iodine doping and N-vacancies for efficient visible-light-driven H <sub>2</sub> evolution performance. <i>Catalysis Science and Technology</i> , 2020, 10, 549-559.	2.1	39
16	Reconstructing a Thauera genome from a hydrogenotrophic-denitrifying consortium using metagenomic sequence data. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6885-6895.	1.7	38
17	Development of Quantitative Real-time PCR Assays for Different Clades of <i>Candidatus Accumulibacter</i> . <i>Scientific Reports</i> , 2016, 6, 23993.	1.6	32
18	Partnership of <i>Arthrobacter</i> and <i>Pimelobacter</i> in Aerobic Degradation of Sulfadiazine Revealed by Metagenomics Analysis and Isolation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2963-2972.	4.6	26

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19	Noble metal-free NiCo <sub>2</sub> S <sub>4</sub> /CN sheet-on-sheet heterostructure for highly efficient visible-light-driven photocatalytic hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157284.	2.8	26
20	Comprehensive insights into the key components of bacterial assemblages in pharmaceutical wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 651, 2148-2157.	3.9	25
21	A comprehensive review of anaerobic digestion of organic solid wastes in relation to microbial community and enhancement process. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 507-516.	1.7	24
22	Gaseous bubble-assisted in-situ construction of worm-like porous g-C <sub>3</sub> N <sub>4</sub> with superior visible light photocatalytic performance. <i>Applied Catalysis A: General</i> , 2019, 573, 13-21.	2.2	24
23	Characterizing community dynamics and exploring bacterial assemblages in two activated sludge systems. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1795-1808.	1.7	11
24	Seasonal Prevalence of Ammonia-Oxidizing Archaea in a Full-Scale Municipal Wastewater Treatment Plant Treating Saline Wastewater Revealed by a 6-Year Time-Series Analysis. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2662-2673.	4.6	11
25	Phylogenetically divergent bacteria consortium from neutral activated sludge showed heightened potential on bioleaching spent lithium-ion batteries. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112592.	2.9	11
26	Synthesis of Sea Urchin-Like NiCo <sub>2</sub> O <sub>4</sub> via Charge-Driven Self-Assembly Strategy for High-Performance Lithium-Ion Batteries. <i>Nanoscale Research Letters</i> , 2019, 14, 6.	3.1	10
27	Exploring the Shift in Structure and Function of Microbial Communities Performing Biological Phosphorus Removal. <i>PLoS ONE</i> , 2016, 11, e0161506.	1.1	9
28	Multiple-cycle operation of sulphur-cycle-enhanced biological phosphorus removal to maintain stable performance at high temperatures. <i>Bioresource Technology</i> , 2019, 289, 121736.	4.8	9
29	Microbial reduction of bromate: current status and prospects. <i>Biodegradation</i> , 2019, 30, 365-374.	1.5	8
30	Investigation on polyphosphate accumulation in the sulfur transformation-centric EBPR (SEBPR) process for treatment of high-temperature saline wastewater. <i>Water Research</i> , 2019, 167, 115138.	5.3	8
31	Mining traits for the enrichment and isolation of not-yet-cultured populations. <i>Microbiome</i> , 2019, 7, 96.	4.9	8
32	Phylogenetic characterization of bromate-reducing microbial community enriched anaerobically from activated sludge. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109630.	2.9	6
33	The first complete genome sequence of species <i>Shewanella decolorationis</i> , from a bioremediation competent strain Ni1-3. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	2
34	Isolation of Anaerobic Bromate-Reducing Bacteria Using Different Carbon Sources and Transcriptomic Insights From <i>Klebsiella variicola</i> Glu3. <i>Frontiers in Microbiology</i> , 2022, 13, 851844.	1.5	2
35	Transcriptome analysis provides new insights into the tolerance and aerobic reduction of <i>Shewanella decolorationis</i> Ni1-3 to bromate. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 4749-4761.	1.7	2
36	Enhanced Bioremediation Potential of <i>Shewanella decolorationis</i> RNA Polymerase Mutants and Evidence for Novel Azo Dye Biodegradation Pathways. <i>Frontiers in Microbiology</i> , 2022, 13, 843807.	1.5	0