## Yan-Ping Mao

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Comammox in drinking water systems. Water Research, 2017, 116, 332-341.	11.3	163
2	Characterization of Thauera-dominated hydrogen-oxidizing autotrophic denitrifying microbial communities by using high-throughput sequencing. Bioresource Technology, 2013, 128, 703-710.	9.6	144
3	Aerobic Degradation of Sulfadiazine by <i>Arthrobacter</i> spp.: Kinetics, Pathways, and Genomic Characterization. Environmental Science & Technology, 2016, 50, 9566-9575.	10.0	134
4	Controllable synthesis of graphitic carbon nitride nanomaterials for solar energy conversion and environmental remediation: the road travelled and the way forward. Catalysis Science and Technology, 2018, 8, 4576-4599.	4.1	99
5	Novel nitrifiers and comammox in a full-scale hybrid biofilm and activated sludge reactor revealed by metagenomic approach. Applied Microbiology and Biotechnology, 2016, 100, 8225-8237.	3.6	90
6	Insights into the ecological roles and evolution of methyl-coenzyme M reductase-containing hot spring Archaea. Nature Communications, 2019, 10, 4574.	12.8	90
7	Genome-centric metagenomics resolves microbial diversity and prevalent truncated denitrification pathways in a denitrifying PAO-enriched bioprocess. Water Research, 2019, 155, 275-287.	11.3	77
8	Diversity and functions of bacterial community in drinking water biofilms revealed by high-throughput sequencing. Scientific Reports, 2015, 5, 10044.	3.3	71
9	Genome Reconstruction and Gene Expression of " <i>Candidatus</i> Accumulibacter phosphatis―Clade IB Performing Biological Phosphorus Removal. Environmental Science & Technology, 2014, 48, 10363-10371.	10.0	64
10	Dominant and novel clades of Candidatus Accumulibacter phosphatis in 18 globally distributed full-scale wastewater treatment plants. Scientific Reports, 2015, 5, 11857.	3.3	64
11	Thermodynamic and physiological study of caproate and 1,3-propanediol co-production through glycerol fermentation and fatty acids chain elongation. Water Research, 2017, 114, 200-209.	11.3	62
12	Diversity of gut microbiomes in marine fishes is shaped by hostâ€related factors. Molecular Ecology, 2020, 29, 5019-5034.	3.9	57
13	Microbial characterization of heavy metal resistant bacterial strains isolated from an electroplating wastewater treatment plant. Ecotoxicology and Environmental Safety, 2019, 181, 472-480.	6.0	49
14	Free-living bacteria and potential bacterial pathogens in sewage treatment plants. Applied Microbiology and Biotechnology, 2018, 102, 2455-2464.	3.6	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. Catalysis Science and Technology, 2020, 10, 549-559.	4.1	39
16	Reconstructing a Thauera genome from a hydrogenotrophic-denitrifying consortium using metagenomic sequence data. Applied Microbiology and Biotechnology, 2014, 98, 6885-6895.	3.6	38
17	Development of Quantitative Real-time PCR Assays for Different Clades of "Candidatus Accumulibacterâ€: Scientific Reports, 2016, 6, 23993.	3.3	32
18	Partnership of <i>Arthrobacter</i> and <i>Pimelobacter</i> in Aerobic Degradation of Sulfadiazine Revealed by Metagenomics Analysis and Isolation. Environmental Science & Technology, 2018, 52, 2963-2972.	10.0	26

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19	Noble metal-free NiCo2S4/CN sheet-on-sheet heterostructure for highly efficient visible-light-driven photocatalytic hydrogen evolution. Journal of Alloys and Compounds, 2021, 853, 157284.	5.5	26
20	Comprehensive insights into the key components of bacterial assemblages in pharmaceutical wastewater treatment plants. Science of the Total Environment, 2019, 651, 2148-2157.	8.0	25
21	A comprehensive review of anaerobic digestion of organic solid wastes in relation to microbial community and enhancement process. Journal of the Science of Food and Agriculture, 2019, 99, 507-516.	3.5	24
22	Gaseous bubble-assisted in-situ construction of worm-like porous g-C3N4 with superior visible light photocatalytic performance. Applied Catalysis A: General, 2019, 573, 13-21.	4.3	24
23	Characterizing community dynamics and exploring bacterial assemblages in two activated sludge systems. Applied Microbiology and Biotechnology, 2020, 104, 1795-1808.	3.6	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. Environmental Science & Technology, 2021, 55, 2662-2673.	10.0	11
25	Phylogenetically divergent bacteria consortium from neutral activated sludge showed heightened potential on bioleaching spent lithium-ion batteries. Ecotoxicology and Environmental Safety, 2021, 223, 112592.	6.0	11
26	Synthesis of Sea Urchin-Like NiCo2O4 via Charge-Driven Self-Assembly Strategy for High-Performance Lithium-Ion Batteries. Nanoscale Research Letters, 2019, 14, 6.	5.7	10
27	Exploring the Shift in Structure and Function of Microbial Communities Performing Biological Phosphorus Removal. PLoS ONE, 2016, 11, e0161506.	2.5	9
28	Multiple-cycle operation of sulphur-cycle-enhanced biological phosphorus removal to maintain stable performance at high temperatures. Bioresource Technology, 2019, 289, 121736.	9.6	9
29	Microbial reduction of bromate: current status and prospects. Biodegradation, 2019, 30, 365-374.	3.0	8
30	Investigation on polyphosphate accumulation in the sulfur transformation-centric EBPR (SEBPR) process for treatment of high-temperature saline wastewater. Water Research, 2019, 167, 115138.	11.3	8
31	Mining traits for the enrichment and isolation of not-yet-cultured populations. Microbiome, 2019, 7, 96.	11.1	8
32	Phylogenetic characterization of bromate-reducing microbial community enriched anaerobically from activated sludge. Ecotoxicology and Environmental Safety, 2019, 184, 109630.	6.0	6
33	The first complete genome sequence of species Shewanella decolorationis, from a bioremediation competent strain Ni1-3. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	2
34	lsolation of Anaerobic Bromate-Reducing Bacteria Using Different Carbon Sources and Transcriptomic Insights From Klebsiella variicola Glu3. Frontiers in Microbiology, 2022, 13, 851844.	3.5	2
35	Transcriptome analysis provides new insights into the tolerance and aerobic reduction of Shewanella decolorationis Ni1-3 to bromate. Applied Microbiology and Biotechnology, 2022, 106, 4749-4761.	3.6	2
36	Enhanced Bioremediation Potential of Shewanella decolorationis RNA Polymerase Mutants and Evidence for Novel Azo Dye Biodegradation Pathways. Frontiers in Microbiology, 2022, 13, 843807.	3.5	0