

# Yifeng Xu

## List of Publications by Year in descending order

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24  
papers

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567144

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docs citations

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times ranked

633  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative review of microplastics in lake systems from different countries and regions. <i>Chemosphere</i> , 2022, 286, 131806.	4.2	86
2	Contribution of nitrification and denitrification to nitrous oxide turnovers in membrane-aerated biofilm reactors (MABR): A model-based evaluation. <i>Science of the Total Environment</i> , 2022, 806, 151321.	3.9	6
3	Enhanced biodegradation of ciprofloxacin by enriched nitrifying sludge: assessment of removal pathways and microbial responses. <i>Water Science and Technology</i> , 2022, 85, 409-419.	1.2	10
4	Cometabolic biodegradation of antibiotics by ammonia oxidizing microorganisms during wastewater treatment processes. <i>Journal of Environmental Management</i> , 2022, 305, 114336.	3.8	37
5	A two-stage degradation coupling photocatalysis to microalgae enhances the mineralization of enrofloxacin. <i>Chemosphere</i> , 2022, 293, 133523.	4.2	18
6	Regulating light, oxygen and volatile fatty acids to boost the productivity of purple bacteria biomass, protein and co-enzyme Q10. <i>Science of the Total Environment</i> , 2022, 822, 153489.	3.9	6
7	Insight into integration of photocatalytic and microbial wastewater treatment technologies for recalcitrant organic pollutants: From sequential to simultaneous reactions. <i>Chemosphere</i> , 2022, 295, 133952.	4.2	16
8	Spectral bands of incandescent lamp leading to variable productivity of purple bacteria biomass and microbial protein: Full is better than segmented. <i>Science of the Total Environment</i> , 2022, 823, 153736.	3.9	2
9	Modeling nitrate/nitrite dependent anaerobic methane oxidation and Anammox process in a membrane granular sludge reactor. <i>Chemical Engineering Journal</i> , 2021, 403, 125822.	6.6	12
10	Optimizing light sources for selective growth of purple bacteria and efficient formation of value-added products. <i>Journal of Cleaner Production</i> , 2021, 280, 124493.	4.6	10
11	Biosorption of Cr (VI) Using <i>Bacillus licheniformis</i> and <i>Bacillus mucilaginosus</i> Krassilnikov: Contrastive Investigation on Removal Performance, Kinetics, and Mechanisms. <i>Environmental Engineering Science</i> , 2021, 38, 231-244.	0.8	4
12	Degradation of fluoroquinolones in homogeneous and heterogeneous photo-Fenton processes: A review. <i>Chemosphere</i> , 2021, 270, 129481.	4.2	68
13	Synchronous photosensitized degradation of methyl orange and methylene blue in water by visible-light irradiation. <i>Journal of Molecular Liquids</i> , 2021, 334, 116159.	2.3	27
14	Review of antibiotics treatment by advance oxidation processes. <i>Environmental Advances</i> , 2021, 5, 100111.	2.2	65
15	Insights into the degradation mechanisms and pathways of cephalexin during homogeneous and heterogeneous photo-Fenton processes. <i>Chemosphere</i> , 2021, 285, 131417.	4.2	22
16	Modelling melamine biodegradation in a membrane aerated biofilm reactor. <i>Journal of Water Process Engineering</i> , 2020, 38, 101626.	2.6	5
17	Heterotrophic denitrifiers growing on soluble microbial products contribute to nitrous oxide production in anammox biofilm: Model evaluation. <i>Journal of Environmental Management</i> , 2019, 242, 309-314.	3.8	14
18	Modeling of Pharmaceutical Biotransformation by Enriched Nitrifying Culture under Different Metabolic Conditions. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2835-2843.	4.6	21

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19	Biodegradation of atenolol by an enriched nitrifying sludge: Products and pathways. <i>Chemical Engineering Journal</i> , 2017, 312, 351-359.	6.6	55
20	Biotransformation of acyclovir by an enriched nitrifying culture. <i>Chemosphere</i> , 2017, 170, 25-32.	4.2	27
21	Impact of Ammonium Availability on Atenolol Biotransformation during Nitrification. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7137-7144.	3.2	18
22	Achieving Stable Nitritation for Mainstream Deammonification by Combining Free Nitrous Acid-Based Sludge Treatment and Oxygen Limitation. <i>Scientific Reports</i> , 2016, 6, 25547.	1.6	104
23	Biotransformation of pharmaceuticals by ammonia oxidizing bacteria in wastewater treatment processes. <i>Science of the Total Environment</i> , 2016, 566-567, 796-805.	3.9	74
24	Biodegradation of pharmaceuticals in membrane aerated biofilm reactor for autotrophic nitrogen removal: A model-based evaluation. <i>Journal of Membrane Science</i> , 2015, 494, 39-47.	4.1	32