

# Yifeng Xu

## List of Publications by Year in descending order

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567281  
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all docs

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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. Chemosphere, 2022, 286, 131806.	8.2	86
2	Contribution of nitrification and denitrification to nitrous oxide turnovers in membrane-aerated biofilm reactors (MABR): A model-based evaluation. Science of the Total Environment, 2022, 806, 151321.	8.0	6
3	Enhanced biodegradation of ciprofloxacin by enriched nitrifying sludge: assessment of removal pathways and microbial responses. Water Science and Technology, 2022, 85, 409-419.	2.5	10
4	Cometabolic biodegradation of antibiotics by ammonia oxidizing microorganisms during wastewater treatment processes. Journal of Environmental Management, 2022, 305, 114336.	7.8	37
5	A two-stage degradation coupling photocatalysis to microalgae enhances the mineralization of enrofloxacin. Chemosphere, 2022, 293, 133523.	8.2	18
6	Regulating light, oxygen and volatile fatty acids to boost the productivity of purple bacteria biomass, protein and co-enzyme Q10. Science of the Total Environment, 2022, 822, 153489.	8.0	6
7	Insight into integration of photocatalytic and microbial wastewater treatment technologies for recalcitrant organic pollutants: From sequential to simultaneous reactions. Chemosphere, 2022, 295, 133952.	8.2	16
8	Spectral bands of incandescent lamp leading to variable productivity of purple bacteria biomass and microbial protein: Full is better than segmented. Science of the Total Environment, 2022, 823, 153736.	8.0	2
9	Modeling nitrate/nitrite dependent anaerobic methane oxidation and Anammox process in a membrane granular sludge reactor. Chemical Engineering Journal, 2021, 403, 125822.	12.7	12
10	Optimizing light sources for selective growth of purple bacteria and efficient formation of value-added products. Journal of Cleaner Production, 2021, 280, 124493.	9.3	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. Environmental Engineering Science, 2021, 38, 231-244.	1.6	4
12	Degradation of fluoroquinolones in homogeneous and heterogeneous photo-Fenton processes: A review. Chemosphere, 2021, 270, 129481.	8.2	68
13	Synchronous photosensitized degradation of methyl orange and methylene blue in water by visible-light irradiation. Journal of Molecular Liquids, 2021, 334, 116159.	4.9	27
14	Review of antibiotics treatment by advance oxidation processes. Environmental Advances, 2021, 5, 100111.	4.8	65
15	Insights into the degradation mechanisms and pathways of cephalexin during homogeneous and heterogeneous photo-Fenton processes. Chemosphere, 2021, 285, 131417.	8.2	22
16	Modelling melamine biodegradation in a membrane aerated biofilm reactor. Journal of Water Process Engineering, 2020, 38, 101626.	5.6	5
17	Heterotrophic denitrifiers growing on soluble microbial products contribute to nitrous oxide production in anammox biofilm: Model evaluation. Journal of Environmental Management, 2019, 242, 309-314.	7.8	14
18	Modeling of Pharmaceutical Biotransformation by Enriched Nitrifying Culture under Different Metabolic Conditions. Environmental Science & Technology, 2018, 52, 2835-2843.	10.0	21

#	ARTICLE	IF	CITATIONS
19	Biodegradation of atenolol by an enriched nitrifying sludge: Products and pathways. Chemical Engineering Journal, 2017, 312, 351-359.	12.7	55
20	Biotransformation of acyclovir by an enriched nitrifying culture. Chemosphere, 2017, 170, 25-32.	8.2	27
21	Impact of Ammonium Availability on Atenolol Biotransformation during Nitrification. ACS Sustainable Chemistry and Engineering, 2017, 5, 7137-7144.	6.7	18
22	Achieving Stable Nitritation for Mainstream Deammonification by Combining Free Nitrous Acid-Based Sludge Treatment and Oxygen Limitation. Scientific Reports, 2016, 6, 25547.	3.3	104
23	Biotransformation of pharmaceuticals by ammonia oxidizing bacteria in wastewater treatment processes. Science of the Total Environment, 2016, 566-567, 796-805.	8.0	74
24	Biodegradation of pharmaceuticals in membrane aerated biofilm reactor for autotrophic nitrogen removal: A model-based evaluation. Journal of Membrane Science, 2015, 494, 39-47.	8.2	32