Yaochun Yu

List of Publications by Year
in descending order

14	1,015	686830 13	1058022 14
papers	citations	h-index	g-index

17	17	17	746
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accelerated Degradation of Perfluorosulfonates and Perfluorocarboxylates by UV/Sulfite + Iodide: Reaction Mechanisms and System Efficiencies. Environmental Science & Technology, 2022, 56, 3699-3709.	4.6	59
2	Microbial Defluorination of Unsaturated Per- and Polyfluorinated Carboxylic Acids under Anaerobic and Aerobic Conditions: A Structure Specificity Study. Environmental Science & Technology, 2022, 56, 4894-4904.	4.6	32
3	Biotransformation of lincomycin and fluoroquinolone antibiotics by the ammonia oxidizers AOA, AOB and comammox: A comparison of removal, pathways, and mechanisms. Water Research, 2021, 196, 117003.	5.3	33
4	Near-Quantitative Defluorination of Perfluorinated and Fluorotelomer Carboxylates and Sulfonates with Integrated Oxidation and Reduction. Environmental Science & Technology, 2021, 55, 7052-7062.	4.6	79
5	Structure-Specific Aerobic Defluorination of Short-Chain Fluorinated Carboxylic Acids by Activated Sludge Communities. Environmental Science and Technology Letters, 2021, 8, 668-674.	3.9	38
6	Defluorination of Omega-Hydroperfluorocarboxylates (Ï‰-HPFCAs): Distinct Reactivities from Perfluoro and Fluorotelomeric Carboxylates. Environmental Science & Technology, 2021, 55, 14146-14155.	4.6	12
7	Microbial Cleavage of Câ€“F Bonds in Two C₆ Per- and Polyfluorinated Compounds via Reductive Defluorination. Environmental Science & Technology, 2020, 54, 14393-14402.	4.6	73
8	Degradation of Perfluoroalkyl Ether Carboxylic Acids with Hydrated Electrons: Structureâ€“Reactivity Relationships and Environmental Implications. Environmental Science & Technology, 2020, 54, 2489-2499.	4.6	86
9	Enhanced Degradation of Perfluorocarboxylic Acids (PFCAs) by UV/Sulfite Treatment: Reaction Mechanisms and System Efficiencies at pH 12. Environmental Science and Technology Letters, 2020, 7, 351-357.	3.9	82
10	Specific Micropollutant Biotransformation Pattern by the Comammox Bacterium Nitrospira inopinata. Environmental Science & Technology, 2019, 53, 8695-8705.	4.6	46
11	Cometabolic biotransformation and microbial-mediated abiotic transformation of sulfonamides by three ammonia oxidizers. Water Research, 2019, 159, 444-453.	5.3	83
12	Defluorination of Per- and Polyfluoroalkyl Substances (PFASs) with Hydrated Electrons: Structural Dependence and Implications to PFAS Remediation and Management. Environmental Science & Technology, 2019, 53, 3718-3728.	4.6	297
13	Emerging investigators series: occurrence and fate of emerging organic contaminants in wastewater treatment plants with an enhanced nitrification step. Environmental Science: Water Research and Technology, 2018, 4, 1412-1426.	1.2	26
14	Ammonia Monooxygenase-Mediated Cometabolic Biotransformation and Hydroxylamine-Mediated Abiotic Transformation of Micropollutants in an AOB/NOB Coculture. Environmental Science & Technology, 2018, 52, 9196-9205.	4.6	68