Yu-Jie Men

List of Publications by Year
in descending order

42	2,221	218592	254106
papers	citations	26 h-index	43 g-index

51	51	51	2055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Siderophores provoke extracellular superoxide production by Arthrobacter strains during carbon sourcesâ€level fluctuation. Environmental Microbiology, 2022, 24, 894-904.	1.8	5
2	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
3	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
4	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
5	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
6	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
7	Cometabolism of 17Î±-ethynylestradiol by nitrifying bacteria depends on reducing power availability and leads to elevated nitric oxide formation. Environment International, 2021, 153, 106528.	4.8	14
8	Comment on â€œRole of Ammonia Oxidation in Organic Micropollutant Transformation during Wastewater Treatmentâ€: Overlooked Evidence to the Contrary. Environmental Science & Technology, 2021, 55, 12128-12129.	4.6	8
9	Specific phenotypic, genomic, and fitness evolutionary trajectories toward streptomycin resistance induced by pesticide co-stressors in Escherichia coli. ISME Communications, 2021, 1, .	1.7	8
10	Recovery trajectories and community resilience of biofilms in receiving rivers after wastewater treatment plant upgrade. Environmental Research, 2021, 199, 111349.	3.7	10
11	Defluorination of Omega-Hydroperfluorocarboxylates (Ï‰-HPFCAs): Distinct Reactivities from Perfluoro and Fluorotelomeric Carboxylates. Environmental Science & Technology, 2021, 55, 14146-14155.	4.6	12
12	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
13	Molecular Tuning of Redoxâ€Copolymers for Selective Electrochemical Remediation. Advanced Functional Materials, 2020, 30, 2004635.	7.8	34
14	Exposure to Environmental Levels of Pesticides Stimulates and Diversifies Evolution in Escherichia coli toward Higher Antibiotic Resistance. Environmental Science & Technology, 2020, 54, 8770-8778.	4.6	42
15	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
16	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
17	Electrochemical Remediation: Molecular Tuning of Redoxâ€Copolymers for Selective Electrochemical Remediation (Adv. Funct. Mater. 52/2020). Advanced Functional Materials, 2020, 30, 2070346.	7.8	3
18	Specific Micropollutant Biotransformation Pattern by the Comammox Bacterium Nitrospira inopinata. Environmental Science & Technology, 2019, 53, 8695-8705.	4.6	46

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19	Synthetic microbial consortia for biosynthesis and biodegradation: promises and challenges. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1343-1358.	1.4	85
20	Cometabolic biotransformation and microbial-mediated abiotic transformation of sulfonamides by three ammonia oxidizers. Water Research, 2019, 159, 444-453.	5.3	83
21	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
22	Microbial residence time is a controlling parameter of the taxonomic composition and functional profile of microbial communities. ISME Journal, 2019, 13, 1589-1601.	4.4	24
23	Insights into the roles of anammox bacteria in post-treatment of anaerobically-treated sewage. Critical Reviews in Environmental Science and Technology, 2018, 48, 655-684.	6.6	23
24	Trends in Micropollutant Biotransformation along a Solids Retention Time Gradient. Environmental Science & Technology, 2018, 52, 11601-11611.	4.6	22
25	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
26	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
27	Metagenomic and Metatranscriptomic Analyses Reveal the Structure and Dynamics of a Dechlorinating Community Containing Dehalococcoides mccartyi and Corrinoid-Providing Microorganisms under Cobalamin-Limited Conditions. Applied and Environmental Microbiology, 2017, 83, .	1.4	29
28	Microbeâ€“microbe interactions trigger Mn(II)-oxidizing gene expression. ISME Journal, 2017, 11, 67-77.	4.4	39
29	Relative contribution of ammonia oxidizing bacteria and other members of nitrifying activated sludge communities to micropollutant biotransformation. Water Research, 2017, 109, 217-226.	5.3	124
30	Biotransformation of Two Pharmaceuticals by the Ammonia-Oxidizing Archaeon Nitrososphaera gargensis. Environmental Science & Technology, 2016, 50, 4682-4692.	4.6	68
31	Identification of specific corrinoids reveals corrinoid modification in dechlorinating microbial communities. Environmental Microbiology, 2015, 17, 4873-4884.	1.8	57
32	Development of a Fluorescence-Activated Cell Sorting Method Coupled with Whole Genome Amplification To Analyze Minority and Trace Dehalococcoides Genomes in Microbial Communities. Environmental Science & Technology, 2015, 49, 1585-1593.	4.6	14
33	Can meta-omics help to establish causality between contaminant biotransformations and genes or gene products?. Environmental Science: Water Research and Technology, 2015, 1, 272-278.	1.2	26
34	Sustainable Growth of Dehalococcoides mccartyi 195 by Corrinoid Salvaging and Remodeling in Defined Lactate-Fermenting Consortia. Applied and Environmental Microbiology, 2014, 80, 2133-2141.	1.4	63
35	A bioassay for the detection of benzimidazoles reveals their presence in a range of environmental samples. Frontiers in Microbiology, 2014, 5, 592.	1.5	19
36	Incomplete Woodâ€“Ljungdahl pathway facilitates one-carbon metabolism in organohalide-respiring Dehalococcoides mccartyi. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6419-6424.	3.3	104

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37	Characterization of four TCE-dechlorinating microbial enrichments grown with different cobalamin stress and methanogenic conditions. Applied Microbiology and Biotechnology, 2013, 97, 6439-6450.	1.7	54
38	Versatility in Corrinoid Salvaging and Remodeling Pathways Supports Corrinoid-Dependent Metabolism in Dehalococcoides mccartyi. Applied and Environmental Microbiology, 2012, 78, 7745-7752.	1.4	116
39	Sustainable syntrophic growth of Dehalococcoides ethenogenes strain 195 with Desulfovibrio vulgaris Hildenborough and Methanobacterium congolense: global transcriptomic and proteomic analyses. ISME Journal, 2012, 6, 410-421.	4.4	137
40	The effect of Poterioochromonas abundance on production of intra- and extracellular microcystin-LR concentration. Hydrobiologia, 2010, 652, 237-246.	1.0	14
41	Feeding characteristics of a golden alga (Poterioochromonas sp.) grazing on toxic cyanobacterium Microcystis aeruginosa. Water Research, 2009, 43, 2953-2960.	5.3	35
42	Effects of the novel allelochemical ethyl 2-methylacetoacetate from the reed (Phragmitis australis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 521-527.	1.5	25