

# Yuanxing Huang

## List of Publications by Year in descending order

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19  
papers

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citations

840776

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Quantitative Analysis of the Structure of Organic Acids and Their Degradation Rates during Ozonation Catalyzed with ZnAl Layered Double Hydroxide. <i>Ozone: Science and Engineering</i> , 2023, 45, 202-212.	2.5	1
2	Catalytic Ozonation by Copper Modified Sepiolite for the Degradation of Oxalic Acid in Water. <i>Ozone: Science and Engineering</i> , 2023, 45, 247-261.	2.5	1
3	Surface mechanism and optimization of catalytic ozonation with CoFe oxides as catalyst for degradation of sodium p-toluenesulfonate in water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 44479-44489.	5.3	5
4	The role of hydroxylation on $\cdot\text{OH}$ generation for enhanced ozonation of benzoic acids: Reactivity, ozonation efficiency and radical formation mechanism. <i>Journal of Hazardous Materials</i> , 2022, 431, 128620.	12.4	16
5	Ozonation Catalyzed by $\text{Co}_x\text{Fe}_{1-x}$ Layered Double Hydroxide for the Degradation of p-toluenesulfonic Acid. <i>Ozone: Science and Engineering</i> , 2021, 43, 163-172.	2.5	10
6	Ozonation catalysed by ferrosilicon for the degradation of ibuprofen in water. <i>Environmental Pollution</i> , 2021, 268, 115722.	7.5	36
7	Magnetic cotton textile wastes pyrolyzed by ferric cerium oxide for degradation of p-nitrophenol by catalytic ozonation. <i>Water Science and Technology</i> , 2021, 83, 2296-2308.	2.5	0
8	Understanding reactions and pore-forming mechanisms between waste cotton woven and $\text{FeCl}_3$ during the synthesis of magnetic activated carbon. <i>Chemosphere</i> , 2020, 241, 125120.	8.2	84
9	Characterization and Electrochemical Behaviour of Nanoscale Hydrotalcite-Like Compounds toward the Reduction of Nitrate. <i>Nanomaterials</i> , 2020, 10, 1926.	4.1	6
10	Iron foam combined ozonation for enhanced treatment of pharmaceutical wastewater. <i>Environmental Research</i> , 2020, 183, 109205.	7.5	30
11	Ni-Fe layered double hydroxides catalyzed ozonation of synthetic wastewater containing Bisphenol A and municipal secondary effluent. <i>Chemosphere</i> , 2019, 235, 143-152.	8.2	39
12	Preparation of Sludge-Derived Activated Carbon by Fenton Activation and the Adsorption of Eriochrome Black T. <i>Materials</i> , 2019, 12, 882.	2.9	9
13	Pilot-scale study on catalytic ozonation of bio-treated dyeing and finishing wastewater using recycled waste iron shavings as a catalyst. <i>Scientific Reports</i> , 2018, 8, 7555.	3.3	23
14	Electrolytic ammonia removal and current efficiency by a vermiculite-packed electrochemical reactor. <i>Scientific Reports</i> , 2017, 7, 41030.	3.3	14
15	Removal of aqueous oxalic acid by heterogeneous catalytic ozonation with MnOx/sewage sludge-derived activated carbon as catalysts. <i>Science of the Total Environment</i> , 2017, 575, 50-57.	8.0	101
16	Evaluation of Cell Disruption of <i>Chlorella Vulgaris</i> by Pressure-Assisted Ozonation and Ultrasonication. <i>Energies</i> , 2016, 9, 173.	3.1	25
17	Enhanced Electrolytic Nitrate Reduction Utilizing a Three-Dimensional Electrolysis Reactor Packed with Activated Carbon and Foamed Copper. <i>Environmental Engineering Science</i> , 2016, 33, 525-535.	1.6	9
18	Heterogeneous catalytic ozonation of dibutyl phthalate in aqueous solution in the presence of iron-loaded activated carbon. <i>Chemosphere</i> , 2015, 119, 295-301.	8.2	146

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19	The Mechanism and Performance of Zeolites for Ammonia Removal in the Zeolite Packed Electrolysis Reactor. <i>Electrochemistry</i> , 2014, 82, 557-560.	1.4	12