

# Changyin Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6071373/publications.pdf>

Version: 2024-02-01

12  
papers

387  
citations

1477746

6  
h-index

1199166

12  
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12  
all docs

12  
docs citations

12  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of hydroxyl radical generation from biochar suspensions: Implications to diethyl phthalate degradation. <i>Bioresource Technology</i> , 2015, 176, 210-217.	4.8	284
2	Pyrogenic Carbon Initiated the Generation of Hydroxyl Radicals from the Oxidation of Sulfide. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6001-6011.	4.6	36
3	Photooxidation mechanism of As(III) by straw-derived dissolved organic matter. <i>Science of the Total Environment</i> , 2021, 757, 144049.	3.9	15
4	Extensive production of hydroxyl radicals during oxygenation of anoxic paddy soils: Implications to imidacloprid degradation. <i>Chemosphere</i> , 2022, 286, 131565.	4.2	10
5	Biotic Process Dominated the Uptake and Transformation of Ag <sup>+</sup> by <i>Shewanella oneidensis</i> MR-1. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2366-2377.	4.6	8
6	Effect of Straw Return on Hydroxyl Radical Formation in Paddy Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 211-217.	1.3	7
7	Hydroxyl radicals induced mineralization of organic carbon during oxygenation of ferrous mineral-organic matter associations: Adsorption versus coprecipitation. <i>Science of the Total Environment</i> , 2022, 816, 151667.	3.9	6
8	Effect of metal cations on antimicrobial activity and compartmentalization of silver in <i>Shewanella oneidensis</i> MR-1 upon exposure to silver ions. <i>Science of the Total Environment</i> , 2022, 838, 156401.	3.9	6
9	Rapid As(III) oxidation mediated by activated carbons: Reactive species vs. direct oxidation. <i>Science of the Total Environment</i> , 2022, 822, 153536.	3.9	5
10	Mechanistic insight into sulfite-enhanced diethyl phthalate degradation by hydrogen atom under UV light. <i>Separation and Purification Technology</i> , 2022, 295, 121310.	3.9	5
11	Dynamic changes of reactive oxygen species in paddy overlying water: mechanisms and implications. <i>Journal of Soils and Sediments</i> , 2022, 22, 1746-1760.	1.5	4
12	Reactive oxygen species formation in thiols solution mediated by pyrogenic carbon under aerobic conditions. <i>Journal of Hazardous Materials</i> , 2021, 415, 125726.	6.5	1