

# Kaixuan Wang

## List of Publications by Year in descending order

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11  
papers

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1163117  
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#	ARTICLE	IF	CITATIONS
1	Amorphous Pd-Loaded Ti <sub>4</sub> O <sub>7</sub> Electrode for Direct Anodic Destruction of Perfluorooctanoic Acid. <i>Environmental Science &amp; Technology</i> , 2020, 54, 10954-10963.	10.0	76
2	Enhanced perfluorooctanoic acid degradation by electrochemical activation of peroxymonosulfate in aqueous solution. <i>Environment International</i> , 2020, 137, 105562.	10.0	53
3	Electrochemical mineralization mechanisms of perfluorooctanoic acid in water assisted by low frequency ultrasound. <i>Journal of Cleaner Production</i> , 2020, 263, 121546.	9.3	30
4	Insights into the degradation and detoxication mechanisms of aqueous capecitabine in electrochemical oxidation process. <i>Chemosphere</i> , 2020, 241, 125058.	8.2	22
5	Enhanced decomposition of long-chain perfluorocarboxylic acids (C <sub>9</sub> ~C <sub>10</sub> ) by electrochemical activation of peroxymonosulfate in aqueous solution. <i>Science of the Total Environment</i> , 2021, 758, 143666.	8.0	22
6	Treatment of organic wastewater by a synergic electrocatalysis process with Ti <sup>3+</sup> self-doped TiO <sub>2</sub> nanotube arrays electrode as both cathode and anode. <i>Journal of Hazardous Materials</i> , 2022, 424, 127747.	12.4	22
7	Efficient electrocatalysis for denitrification by using TiO <sub>2</sub> nanotube arrays cathode and adding chloride ions. <i>Chemosphere</i> , 2021, 274, 129706.	8.2	14
8	Insights into electrochemical decomposition mechanism of lipopolysaccharide using TiO <sub>2</sub> nanotubes arrays electrode. <i>Journal of Hazardous Materials</i> , 2020, 391, 122259.	12.4	11
9	Ultrasonication-Enhanced Reduction of Tetrabromobisphenol A by Activating Nascent H <sub>2</sub> on Raney Ni Catalyst: Kinetics, Mechanisms, and Hydrogenation Pathways. <i>ACS ES&amp;T Engineering</i> , 2021, 1, 884-894.	7.6	8
10	Aggregation kinetics and mechanisms of silver nanoparticles in simulated pollution water under UV light irradiation. <i>Water Environment Research</i> , 2020, 92, 840-849.	2.7	5
11	Raney nickel coupled nascent hydrogen as a novel strategy for enhanced reduction of nitrate and nitrite. <i>Chemosphere</i> , 2021, 263, 128187.	8.2	4