

# Chao Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2860328/publications.pdf>

Version: 2024-02-01

10  
papers

389  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

218  
citing authors

#	ARTICLE	IF	CITATIONS
1	A nanocubicle-like 3D adsorbent fabricated by in situ growth of 2D heterostructures for removal of aromatic contaminants in water. <i>Journal of Hazardous Materials</i> , 2022, 423, 127004.	12.4	50
2	Insights into the Crucial Role of Electron and Spin Structures in Heteroatom-Doped Covalent Triazine Frameworks for Removing Organic Micropollutants. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6699-6709.	10.0	43
3	Enhanced adsorption and photocatalytic removal of PFOA from water by F-functionalized MOF with in-situ-growth TiO <sub>2</sub> : Regulation of electron density and bandgap. <i>Separation and Purification Technology</i> , 2022, 297, 121449.	7.9	43
4	Bidirectional Progressive Optimization of Carbon and Nitrogen Defects in Solar-Driven Regenerable Adsorbent to Remove UV-Filters from Water. <i>ACS ES&amp;T Engineering</i> , 2021, 1, 456-466.	7.6	29
5	Optimized pore configuration in solar-driven regenerable adsorbent for organic micro-pollutants removal. <i>Chemical Engineering Journal</i> , 2021, 426, 131244.	12.7	24
6	TiO <sub>2</sub> quantum dots loaded sulfonated graphene aerogel for effective adsorption-photocatalysis of PFOA. <i>Science of the Total Environment</i> , 2020, 698, 134275.	8.0	48
7	Immobilizing 10-30 nm Ag nanoparticles in reduced graphene oxide aerogel as a high-effective catalyst for reduction of nitroaromatic compounds. <i>Environmental Pollution</i> , 2020, 256, 113405.	7.5	11
8	Novel photocatalytic performance of nanocage-like MIL-125-NH <sub>2</sub> induced by adsorption of phenolic pollutants. <i>Environmental Science: Nano</i> , 2020, 7, 1525-1538.	4.3	26
9	A hybrid block consisting of covalent triazine frameworks and GO aerogel with switchable selectivity between adsorption of UV filters and regeneration under sunlight. <i>Chemical Engineering Journal</i> , 2020, 395, 125074.	12.7	19
10	Defect-Abundant Covalent Triazine Frameworks as Sunlight-Driven Self-Cleaning Adsorbents for Volatile Aromatic Pollutants in Water. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9091-9101.	10.0	96