

Chao Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

389
citations

933447

10
h-index

1372567

10
g-index

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all docs

10
docs citations

10
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect-Abundant Covalent Triazine Frameworks as Sunlight-Driven Self-Cleaning Adsorbents for Volatile Aromatic Pollutants in Water. <i>Environmental Science & Technology</i> , 2019, 53, 9091-9101.	10.0	96
2	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
3	TiO ₂ 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
4	Insights into the Crucial Role of Electron and Spin Structures in Heteroatom-Doped Covalent Triazine Frameworks for Removing Organic Micropollutants. <i>Environmental Science & Technology</i> , 2022, 56, 6699-6709.	10.0	43
5	Enhanced adsorption and photocatalytic removal of PFOA from water by F-functionalized MOF with in-situ-growth TiO ₂ : Regulation of electron density and bandgap. <i>Separation and Purification Technology</i> , 2022, 297, 121449.	7.9	43
6	Bidirectional Progressive Optimization of Carbon and Nitrogen Defects in Solar-Driven Regenerable Adsorbent to Remove UV-Filters from Water. <i>ACS ES&T Engineering</i> , 2021, 1, 456-466.	7.6	29
7	Novel photocatalytic performance of nanocage-like MIL-125-NH ₂ induced by adsorption of phenolic pollutants. <i>Environmental Science: Nano</i> , 2020, 7, 1525-1538.	4.3	26
8	Optimized pore configuration in solar-driven regenerable adsorbent for organic micro-pollutants removal. <i>Chemical Engineering Journal</i> , 2021, 426, 131244.	12.7	24
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	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