

Chenmin Xu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

539
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous three-dimensional carbon foams with interconnected microchannels for high-efficiency solar-to-vapor conversion and desalination. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13036-13042.	10.3	99
2	Visible light absorption by perylene diimide for synergistic persulfate activation towards efficient photodegradation of bisphenol A. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119579.	20.2	97
3	Accelerated photocatalytic degradation of iohexol over Co ₃ O ₄ /g-C ₃ N ₄ /Bi ₂ O ₂ CO ₃ of p-n/n-n dual heterojunction under simulated sunlight by persulfate. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119847.	20.2	88
4	Photothermal-assisted photocatalytic degradation with ultrahigh solar utilization: Towards practical application. <i>Chemical Engineering Journal</i> , 2020, 379, 122382.	12.7	67
5	Review on application of perylene diimide (PDI)-based materials in environment: Pollutant detection and degradation. <i>Science of the Total Environment</i> , 2021, 780, 146483.	8.0	49
6	Enhancing the performance of pollution degradation through secondary self-assembled composite supramolecular heterojunction photocatalyst BiOCl/PDI under visible light irradiation. <i>Chemosphere</i> , 2020, 253, 126751.	8.2	43
7	The synergistic effect in metal-free graphene oxide coupled graphitic carbon nitride/light/peroxymonosulfate system: Photothermal effect and catalyst stability. <i>Carbon</i> , 2021, 178, 81-91.	10.3	27
8	Perylene diimide supermolecule (PDI) as a novel and highly efficient cocatalyst for photocatalytic degradation of tetracycline in water: A case study of PDI decorated graphitic carbon nitride/bismuth tungstate composite. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 849-864.	9.4	22
9	Microplastics can selectively enrich intracellular and extracellular antibiotic resistant genes and shape different microbial communities in aquatic systems. <i>Science of the Total Environment</i> , 2022, 822, 153488.	8.0	20
10	Monoclinic dibismuth tetraoxide (Bi ₂ O ₄) for piezocatalysis: new use for neglected materials. <i>Chemical Communications</i> , 2021, 57, 2740-2743.	4.1	11
11	The cooperation of photothermal conversion, photocatalysis and sulfate radical-based advanced oxidation process on few-layered graphite modified graphitic carbon nitride. <i>Chemical Engineering Journal</i> , 2021, 417, 127993.	12.7	11
12	Boosting the Quantum Yield of Oxygen-Doped g-C ₃ N ₄ via a Metal-azolate Framework-Enhanced Electron-Donating Strategy for Highly Sensitive Sulfadimethoxine Tracing. <i>Analytical Chemistry</i> , 2022, 94, 5682-5689.	6.5	5