

Shuying Dong

List of Publications by Year in descending order

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27
papers

2,550
citations

361045

20
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

3321
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-functional Z-scheme CdSe/Se/BiOBr photocatalyst: Generation of hydrogen peroxide and efficient degradation of ciprofloxacin. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1715-1728.	5.0	47
2	Hydroxyl regulating effect on surface structure of BiOBr photocatalyst toward high-efficiency degradation performance. <i>Chemosphere</i> , 2022, 287, 132246.	4.2	11
3	Surface oxygen vacancies modified Bi ₂ MoO ₆ double-layer spheres: Enhanced visible LED light photocatalytic activity for ciprofloxacin degradation. <i>Journal of Alloys and Compounds</i> , 2022, 892, 162217.	2.8	26
4	Solar water recycling of carbonaceous aerogel in open and closed systems for seawater desalination and wastewater purification. <i>Chemical Engineering Journal</i> , 2022, 431, 133824.	6.6	43
5	Macroscopic Zn-doped γ -Fe ₂ O ₃ /graphene aerogel mediated persulfate activation for heterogeneous catalytic degradation of sulfamonomethoxine wastewater. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 108, 254-262.	2.9	23
6	Harnessing Optimized Surface Reconstruction of Single-Atom Ni-Doped Ni-NiO/NC Precatalysts toward Robust H ₂ O ₂ Production. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26803-26813.	4.0	5
7	In situ preparation of g-C ₃ N ₄ /polyaniline hybrid composites with enhanced visible-light photocatalytic performance. <i>Journal of Environmental Sciences</i> , 2021, 104, 317-325.	3.2	36
8	Interfacial and electronic band structure optimization for the adsorption and visible-light photocatalytic activity of macroscopic ZnSnO ₃ /graphene aerogel. <i>Composites Part B: Engineering</i> , 2021, 215, 108765.	5.9	65
9	Sucrose-derived N-doped carbon xerogels as efficient peroxydisulfate activators for non-radical degradation of organic pollutants. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 660-669.	5.0	17
10	Spatiotemporal distribution and mass loading of organophosphate flame retardants (OPFRs) in the Yellow River of China (Henan segment). <i>Environmental Pollution</i> , 2021, 290, 118000.	3.7	15
11	Highly effective remediation of Pb(II) and Hg(II) contaminated wastewater and soil by flower-like magnetic MoS ₂ nanohybrid. <i>Science of the Total Environment</i> , 2020, 699, 134341.	3.9	102
12	Double-shelled ZnSnO ₃ hollow cubes for efficient photocatalytic degradation of antibiotic wastewater. <i>Chemical Engineering Journal</i> , 2020, 384, 123279.	6.6	179
13	Dynamic evolution of electrochemical and biological features in microbial fuel cells upon chronic exposure to increasing oxytetracycline dosage. <i>Bioelectrochemistry</i> , 2020, 136, 107623.	2.4	18
14	A novel and high-performance double Z-scheme photocatalyst ZnO-SnO ₂ -Zn ₂ SnO ₄ for effective removal of the biological toxicity of antibiotics. <i>Journal of Hazardous Materials</i> , 2020, 399, 123017.	6.5	115
15	Effects of pH value and hydrothermal treatment on the microstructure and natural-sunlight photocatalytic performance of ZnSn(OH) ₆ photocatalyst. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151955.	2.8	29
16	Self-Supported Nonprecious MXene/Ni ₃ S ₂ Electrocatalysts for Efficient Hydrogen Generation in Alkaline Media. <i>ACS Applied Energy Materials</i> , 2019, 2, 6931-6938.	2.5	62
17	In situ decoration of ZnS nanoparticles with Ti ₃ C ₂ MXene nanosheets for efficient photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 63-70.	5.0	105
18	Fabrication of 3D ultra-light graphene aerogel/Bi ₂ WO ₆ composite with excellent photocatalytic performance: A promising photocatalysts for water purification. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 288-296.	2.7	88

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19	Preparation of novel poly(vinylidene fluoride)/TiO ₂ photocatalysis membranes for use in direct contact membrane distillation. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	10
20	Facile green synthetic graphene-based Co-Fe Prussian blue analogues as an activator of peroxymonosulfate for the degradation of levofloxacin hydrochloride. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 18-27.	5.0	114
21	Magnetically recyclable visible-light-responsive MoS ₂ @Fe ₃ O ₄ photocatalysts targeting efficient wastewater treatment. <i>Journal of Materials Science</i> , 2018, 53, 1135-1147.	1.7	42
22	Rational and green synthesis of novel two-dimensional WS ₂ /MoS ₂ heterojunction via direct exfoliation in ethanol-water targeting advanced visible-light-responsive photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 389-399.	5.0	76
23	Self-assembled hollow sphere shaped Bi ₂ WO ₆ /RGO composites for efficient sunlight-driven photocatalytic degradation of organic pollutants. <i>Chemical Engineering Journal</i> , 2017, 316, 778-789.	6.6	259
24	Facile fabrication of novel BiVO ₄ /Bi ₂ S ₃ /MoS ₂ n-p heterojunction with enhanced photocatalytic activities towards pollutant degradation under natural sunlight. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 805-815.	5.0	108
25	Recent developments in heterogeneous photocatalytic water treatment using visible light-responsive photocatalysts: a review. <i>RSC Advances</i> , 2015, 5, 14610-14630.	1.7	796
26	Ultrasonic-assisted rational design of uniform rhombus-shaped ZnMoO ₄ on graphene for advanced sunlight-driven photocatalysts, functional supercapacitor electrodes, and antibacterial platforms. <i>RSC Advances</i> , 2014, 4, 64994-65003.	1.7	27
27	ZnSnO ₃ hollow nanospheres/reduced graphene oxide nanocomposites as high-performance photocatalysts for degradation of metronidazole. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 386-393.	10.8	132