

# 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	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
2	Self-assembled hollow sphere shaped Bi <sub>2</sub> WO <sub>6</sub> /RGO composites for efficient sunlight-driven photocatalytic degradation of organic pollutants. <i>Chemical Engineering Journal</i> , 2017, 316, 778-789.	6.6	259
3	Double-shelled ZnSnO <sub>3</sub> hollow cubes for efficient photocatalytic degradation of antibiotic wastewater. <i>Chemical Engineering Journal</i> , 2020, 384, 123279.	6.6	179
4	ZnSnO <sub>3</sub> 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
5	A novel and high-performance double Z-scheme photocatalyst ZnO-SnO <sub>2</sub> -Zn <sub>2</sub> SnO <sub>4</sub> for effective removal of the biological toxicity of antibiotics. <i>Journal of Hazardous Materials</i> , 2020, 399, 123017.	6.5	115
6	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
7	Facile fabrication of novel BiVO <sub>4</sub> /Bi <sub>2</sub> S <sub>3</sub> /MoS <sub>2</sub> 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
8	In situ decoration of ZnS nanoparticles with Ti <sub>3</sub> C <sub>2</sub> MXene nanosheets for efficient photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 63-70.	5.0	105
9	Highly effective remediation of Pb(II) and Hg(II) contaminated wastewater and soil by flower-like magnetic MoS <sub>2</sub> nanohybrid. <i>Science of the Total Environment</i> , 2020, 699, 134341.	3.9	102
10	Fabrication of 3D ultra-light graphene aerogel/Bi <sub>2</sub> WO <sub>6</sub> 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
11	Rational and green synthesis of novel two-dimensional WS <sub>2</sub> /MoS <sub>2</sub> 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
12	Interfacial and electronic band structure optimization for the adsorption and visible-light photocatalytic activity of macroscopic ZnSnO <sub>3</sub> /graphene aerogel. <i>Composites Part B: Engineering</i> , 2021, 215, 108765.	5.9	65
13	Self-Supported Nonprecious MXene/Ni <sub>3</sub> S <sub>2</sub> Electrocatalysts for Efficient Hydrogen Generation in Alkaline Media. <i>ACS Applied Energy Materials</i> , 2019, 2, 6931-6938.	2.5	62
14	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
15	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
16	Magnetically recyclable visible-light-responsive MoS <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> photocatalysts targeting efficient wastewater treatment. <i>Journal of Materials Science</i> , 2018, 53, 1135-1147.	1.7	42
17	In situ preparation of g-C <sub>3</sub> N <sub>4</sub> /polyaniline hybrid composites with enhanced visible-light photocatalytic performance. <i>Journal of Environmental Sciences</i> , 2021, 104, 317-325.	3.2	36
18	Effects of pH value and hydrothermal treatment on the microstructure and natural-sunlight photocatalytic performance of ZnSn(OH) <sub>6</sub> photocatalyst. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151955.	2.8	29

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19	Ultrasonic-assisted rational design of uniform rhombus-shaped ZnMoO <sub>x</sub> on graphene for advanced sunlight-driven photocatalysts, functional supercapacitor electrodes, and antibacterial platforms. RSC Advances, 2014, 4, 64994-65003.	1.7	27
20	Surface oxygen vacancies modified Bi <sub>2</sub> MoO <sub>6</sub> double-layer spheres: Enhanced visible LED light photocatalytic activity for ciprofloxacin degradation. Journal of Alloys and Compounds, 2022, 892, 162217.	2.8	26
21	Macroscopic Zn-doped $\hat{1}$ -Fe <sub>2</sub> O <sub>3</sub> /graphene aerogel mediated persulfate activation for heterogeneous catalytic degradation of sulfamonomethoxine wastewater. Journal of Industrial and Engineering Chemistry, 2022, 108, 254-262.	2.9	23
22	Dynamic evolution of electrochemical and biological features in microbial fuel cells upon chronic exposure to increasing oxytetracycline dosage. Bioelectrochemistry, 2020, 136, 107623.	2.4	18
23	Sucrose-derived N-doped carbon xerogels as efficient peroxydisulfate activators for non-radical degradation of organic pollutants. Journal of Colloid and Interface Science, 2021, 604, 660-669.	5.0	17
24	Spatiotemporal distribution and mass loading of organophosphate flame retardants (OPFRs) in the Yellow River of China (Henan segment). Environmental Pollution, 2021, 290, 118000.	3.7	15
25	Hydroxyl regulating effect on surface structure of BiOBr photocatalyst toward high-efficiency degradation performance. Chemosphere, 2022, 287, 132246.	4.2	11
26	Preparation of novel poly(vinylidene fluoride)/TiO <sub>2</sub> photocatalysis membranes for use in direct contact membrane distillation. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	10
27	Harnessing Optimized Surface Reconstruction of Single-Atom Ni-Doped Ni-NiO/NC Precatalysts toward Robust H <sub>2</sub> O <sub>2</sub> Production. ACS Applied Materials & Interfaces, 2022, 14, 26803-26813.	4.0	5