

# Xiaosong Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

407  
citations

759233

12  
h-index

752698

20  
g-index

23  
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23  
docs citations

23  
times ranked

415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and mechanism exploration of oxygen-incorporated 1T-MoS <sub>2</sub> with high adsorption performance on methylene blue. <i>Chemical Engineering Journal</i> , 2022, 428, 130954.	12.7	34
2	Construction of Cu <sub>2</sub> O/Cu heterojunction with hierarchical hollow sphere structure as visible-light driven photocatalyst for efficient water remediation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108020.	6.7	3
3	Preparation and characterization of ternary Cu/Cu <sub>2</sub> O/C composite: An extraordinary adsorbent for removing anionic organic dyes from water. <i>Chemical Engineering Journal</i> , 2021, 404, 127091.	12.7	30
4	Efficient porous carbon/CdS composite photocatalyst for dye degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 337-346.	2.2	7
5	Fabrication of stable high-performance urchin-like CeO <sub>2</sub> /ZnO@Au hierarchical heterojunction photocatalyst for water remediation. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 713-724.	9.4	46
6	Construction of Au modified direct Z-scheme g-C <sub>3</sub> N <sub>4</sub> /defective ZnO heterostructure with stable high-performance for tetracycline degradation. <i>Applied Surface Science</i> , 2021, 555, 149696.	6.1	44
7	A novel strategy to construct the superior performance of 3D multi-shell CeO <sub>2</sub> /ZnO@ZnS as a reusable sunlight-driven ternary photocatalyst for highly efficient water remediation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105608.	6.7	16
8	Hybrid photo-catalyst of Sb <sub>2</sub> S <sub>3</sub> NRs wrapped with rGO by C-S bonding: Ultra-high photo-catalysis effect under visible light. <i>Applied Surface Science</i> , 2020, 526, 146742.	6.1	18
9	N-Doped cotton-based porous carbon/ZnO NR arrays: highly efficient hybrid photo-catalysts. <i>CrystEngComm</i> , 2020, 22, 2472-2482.	2.6	9
10	Ultrasound-assisted synthesis of rGO/Sb <sub>4</sub> O <sub>5</sub> Cl <sub>2</sub> /Sb <sub>2</sub> S <sub>3</sub> for a high photo-catalytic rate. <i>New Journal of Chemistry</i> , 2020, 44, 3103-3111.	2.8	9
11	Study on the fluorescence properties of carbon dots prepared via combustion process. <i>Journal of Luminescence</i> , 2019, 206, 608-612.	3.1	30
12	SERS effect of selectively adsorbed dyes by hydrothermally-produced MoS <sub>2</sub> nanosheets. <i>New Journal of Chemistry</i> , 2018, 42, 18906-18912.	2.8	14
13	Preparation of Au NPs/ZnO NTs Hybrid Array and Its Photo Catalytic Performance for MO. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 541-544.	1.0	2
14	Synthesis and characterization of highly efficient and stable Pr <sub>6</sub> O <sub>11</sub> /Ag <sub>3</sub> PO <sub>4</sub> /Pt ternary hybrid structure. <i>Applied Surface Science</i> , 2017, 403, 531-539.	6.1	16
15	Tuning the charge transition process of Eu <sub>2</sub> O <sub>3</sub> nanorods by coupling with Ag nanoparticles for enhanced photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2930-2936.	6.7	4
16	One-step synthesis of Ag/AgCl/GO composite: A photocatalyst of extraordinary photoactivity and stability. <i>Journal of Colloid and Interface Science</i> , 2017, 493, 281-287.	9.4	35
17	Alginate-Intervened Hydrothermal Synthesis of Hydroxyapatite Nanocrystals with Nanopores. <i>Crystal Growth and Design</i> , 2015, 15, 1949-1956.	3.0	52
18	Investigation of the synthesis, SERS performance and application in glucose sensing of hierarchical 3D silver nanostructures. <i>New Journal of Chemistry</i> , 2014, 38, 3907.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Superconductivity and normal state magnetoresistance in superconducting FeSe:Sb. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1180-1186.	5.1	4
20	Stable ultraviolet photoluminescence emission in n-type porous silicon. Journal of Luminescence, 2010, 130, 1005-1010.	3.1	9
21	Multiple UV-blue luminescence emissions in electrochemical anodic etched n-type silicon wafer. Applied Surface Science, 2010, 256, 3325-3329.	6.1	1
22	Effect of surface modification by thermally oxidization and HF etching on UV photoluminescence emission of porous silicon. Applied Surface Science, 2008, 254, 5655-5659.	6.1	13
23	Silica nano-rings and nano-hollows: Preparation and UV photoluminescence emission. Journal of Non-Crystalline Solids, 2008, 354, 4562-4566.	3.1	2