

Xiaosong Sun

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

407
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759233

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23
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Alginate-Intervened Hydrothermal Synthesis of Hydroxyapatite Nanocrystals with Nanopores. <i>Crystal Growth and Design</i> , 2015, 15, 1949-1956.	3.0	52
2	Fabrication of stable high-performance urchin-like CeO ₂ /ZnO@Au hierarchical heterojunction photocatalyst for water remediation. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 713-724.	9.4	46
3	Construction of Au modified direct Z-scheme g-C ₃ N ₄ /defective ZnO heterostructure with stable high-performance for tetracycline degradation. <i>Applied Surface Science</i> , 2021, 555, 149696.	6.1	44
4	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
5	Fabrication and mechanism exploration of oxygen-incorporated 1T-MoS ₂ with high adsorption performance on methylene blue. <i>Chemical Engineering Journal</i> , 2022, 428, 130954.	12.7	34
6	Study on the fluorescence properties of carbon dots prepared via combustion process. <i>Journal of Luminescence</i> , 2019, 206, 608-612.	3.1	30
7	Preparation and characterization of ternary Cu/Cu ₂ O/C composite: An extraordinary adsorbent for removing anionic organic dyes from water. <i>Chemical Engineering Journal</i> , 2021, 404, 127091.	12.7	30
8	Hybrid photo-catalyst of Sb ₂ S ₃ 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	Synthesis and characterization of highly efficient and stable Pr ₆ O ₁₁ /Ag ₃ PO ₄ /Pt ternary hybrid structure. <i>Applied Surface Science</i> , 2017, 403, 531-539.	6.1	16
10	A novel strategy to construct the superior performance of 3D multi-shell CeO ₂ /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
11	SERS effect of selectively adsorbed dyes by hydrothermally-produced MoS ₂ nanosheets. <i>New Journal of Chemistry</i> , 2018, 42, 18906-18912.	2.8	14
12	Effect of surface modification by thermally oxidization and HF etching on UV photoluminescence emission of porous silicon. <i>Applied Surface Science</i> , 2008, 254, 5655-5659.	6.1	13
13	Stable ultraviolet photoluminescence emission in n-type porous silicon. <i>Journal of Luminescence</i> , 2010, 130, 1005-1010.	3.1	9
14	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
15	N-Doped cotton-based porous carbon/ZnO NR arrays: highly efficient hybrid photo-catalysts. <i>CrystEngComm</i> , 2020, 22, 2472-2482.	2.6	9
16	Ultrasound-assisted synthesis of rGO/Sb ₄ O ₅ Cl ₂ /Sb ₂ S ₃ for a high photo-catalytic rate. <i>New Journal of Chemistry</i> , 2020, 44, 3103-3111.	2.8	9
17	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
18	Superconductivity and normal state magnetoresistance in superconducting FeSe:Sb. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1180-1186.	5.1	4

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19	Tuning the charge transition process of Eu ₂ O ₃ nanorods by coupling with Ag nanoparticles for enhanced photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2930-2936.	6.7	4
20	Construction of Cu ₂ 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
21	Silica nano-rings and nano-hollows: Preparation and UV photoluminescence emission. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4562-4566.	3.1	2
22	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
23	Multiple UV-blue luminescence emissions in electrochemical anodic etched n-type silicon wafer. <i>Applied Surface Science</i> , 2010, 256, 3325-3329.	6.1	1