

Jishu Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8811529/publications.pdf>

Version: 2024-02-01

26
papers

877
citations

430874

18
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1323
citing authors

#	ARTICLE	IF	CITATIONS
1	Coating Urchinlike Gold Nanoparticles with Polypyrrole Thin Shells To Produce Photothermal Agents with High Stability and Photothermal Transduction Efficiency. <i>Langmuir</i> , 2013, 29, 7102-7110.	3.5	96
2	Au/Pd/g-C ₃ N ₄ nanocomposites for photocatalytic degradation of tetracycline hydrochloride. <i>Journal of Materials Science</i> , 2019, 54, 5445-5456.	3.7	93
3	Synthesis of CdSe/SrTiO ₃ nanocomposites with enhanced photocatalytic hydrogen production activity. <i>Applied Surface Science</i> , 2019, 467-468, 1033-1039.	6.1	70
4	Lithiophilic Co/Co ₄ N nanoparticles embedded in hollow N-doped carbon nanocubes stabilizing lithium metal anodes for Li-air batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22096-22105.	10.3	55
5	ZnIn ₂ S ₄ decorated Co-doped NH ₂ -MIL-53(Fe) nanocomposites for efficient photocatalytic hydrogen production. <i>Applied Surface Science</i> , 2020, 517, 146161.	6.1	54
6	Fabrication of CdSe/CaTiO ₃ nanocomposites in aqueous solution for improved photocatalytic hydrogen production. <i>Applied Surface Science</i> , 2018, 459, 520-526.	6.1	52
7	Fabrication of CdTe nanoparticles-based superparticles for an improved detection of Cu ²⁺ and Ag ⁺ . <i>Journal of Materials Chemistry</i> , 2012, 22, 2679-2686.	6.7	50
8	Facile fabrication of CdSe/CuInS ₂ microflowers with efficient photocatalytic hydrogen production activity. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 8294-8302.	7.1	49
9	Glucose-functionalized Au nanoprisms for optoacoustic imaging and near-infrared photothermal therapy. <i>Nanoscale</i> , 2016, 8, 492-499.	5.6	39
10	Aqueous synthesis of core/shell/shell CdSe/CdS/ZnS quantum dots for photocatalytic hydrogen generation. <i>Journal of Materials Science</i> , 2019, 54, 8571-8580.	3.7	36
11	One-pot, seedless synthesis of flowerlike Au-Pd bimetallic nanoparticles with core-shell-like structure via sodium citrate coreduction of metal ions. <i>CrystEngComm</i> , 2012, 14, 7036.	2.6	33
12	Magnetic ZnFe ₂ O ₄ @ZnSe hollow nanospheres for photocatalytic hydrogen production application. <i>Composites Part B: Engineering</i> , 2019, 173, 106891.	12.0	30
13	ZnIn ₂ S ₄ modified CaTiO ₃ nanocubes with enhanced photocatalytic hydrogen performance. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 28783-28791.	7.1	29
14	Discriminating Cr(III) and Cr(VI) using aqueous CdTe quantum dots with various surface ligands. <i>RSC Advances</i> , 2014, 4, 32946.	3.6	28
15	Polypyrrole-modified CuS nanoprisms for efficient near-infrared photothermal therapy. <i>RSC Advances</i> , 2017, 7, 10143-10149.	3.6	22
16	Manipulating the growth of aqueous semiconductor nanocrystals through amine-promoted kinetic process. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 332-336.	2.8	21
17	Cationic-Polymer-Functionalized Separator As a High-Efficiency Polysulfide Shuttle Barrier for Long-Life Li-S Battery. <i>ACS Applied Energy Materials</i> , 2021, 4, 2914-2921.	5.1	21
18	Hollow In ₂ O ₃ nanotubes decorated with Cd _{0.67} Mo _{0.33} Se QDs for enhanced photocatalytic hydrogen production performance. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 30393-30401.	7.1	21

#	ARTICLE	IF	CITATIONS
19	Polyurethane-based bulk nanocomposites from 1-thioglycerol-stabilized CdTe quantum dots with enhanced luminescence. <i>Journal of Materials Chemistry</i> , 2011, 21, 6569.	6.7	20
20	Versatile fabrication of water-dispersible nanoparticle- <i>amphiphilic copolymer composite microspheres with specific functionalities.</i> <i>Journal of Materials Chemistry</i> , 2011, 21, 6837.	6.7	16
21	Construction of ternary $Cd_xMo_{1-x}Se$ quantum dots for enhanced photocatalytic hydrogen production. <i>Journal of Materials Science</i> , 2020, 55, 1117-1125.	3.7	13
22	Photoresponsive Conjugated Microporous Polymer Films Fabricated by Electrochemical Deposition for Controlled Release. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700274.	3.9	9
23	High-efficiency hollow $Zn_{0.98}Cu_{0.02}Se/ZnS/ZnTiO_3$ photocatalyst for hydrogen production application. <i>Fuel</i> , 2022, 325, 124937.	6.4	8
24	Small Things Make a Big Difference: the Small-molecule Cross-linker of Robust Water-soluble Network Binders for Stable Si Anodes. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 304-310.	2.6	4
25	Hydrothermal synthesis of $Cu-Fe_3O_4$ nanocomposites towards catalytic degradation of organic dyes. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	3
26	Preparation of $CdSe/NH_2-MIL-101(Cr)$ Nanocomposites with Improved Photocatalytic Hydrogen Production Performance. <i>Catalysis Letters</i> , 2021, 151, 2560-2569.	2.6	3