Jishu Han

List of Publications by Year
in descending order

26	877	430874 18	526287 27
papers	citations	h-index	g-index

27	27	27	1323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile fabrication of CdSe/CuInS2 microflowers with efficient photocatalytic hydrogen production activity. International Journal of Hydrogen Energy, 2022, 47, 8294-8302.	7.1	49
2	High-efficiency hollow Zn0.98Cu0.02Se/ZnS/ZnTiO3 photocatalyst for hydrogen production application. Fuel, 2022, 325, 124937.	6.4	8
3	Preparation of CdSe/NH2-MIL-101(Cr) Nanocomposites with Improved Photocatalytic Hydrogen Production Performance. Catalysis Letters, 2021, 151, 2560-2569.	2.6	3
4	Small Things Make a Big Difference: the Small-molecule Cross-linker of Robust Water-soluble Network Binders for Stable Si Anodes. Chemical Research in Chinese Universities, 2021, 37, 304-310.	2.6	4
5	Cationic-Polymer-Functionalized Separator As a High-Efficiency Polysulfide Shuttle Barrier for Long-Life Liâ€“S Battery. ACS Applied Energy Materials, 2021, 4, 2914-2921.	5.1	21
6	Hollow In2O3 nanotubes decorated with Cd0.67Mo0.33Se QDs for enhanced photocatalytic hydrogen production performance. International Journal of Hydrogen Energy, 2021, 46, 30393-30401.	7.1	21
7	Construction of ternary CdxMo1â^'xSe quantum dots for enhanced photocatalytic hydrogen production. Journal of Materials Science, 2020, 55, 1117-1125.	3.7	13
8	ZnIn2S4 modified CaTiO3 nanocubes with enhanced photocatalytic hydrogen performance. International Journal of Hydrogen Energy, 2020, 45, 28783-28791.	7.1	29
9	ZnIn2S4 decorated Co-doped NH2-MIL-53(Fe) nanocomposites for efficient photocatalytic hydrogen production. Applied Surface Science, 2020, 517, 146161.	6.1	54
10	Magnetic ZnFe2O4@ZnSe hollow nanospheres for photocatalytic hydrogen production application. Composites Part B: Engineering, 2019, 173, 106891.	12.0	30
11	Aqueous synthesis of core/shell/shell CdSe/CdS/ZnS quantum dots for photocatalytic hydrogen generation. Journal of Materials Science, 2019, 54, 8571-8580.	3.7	36
12	Au/Pd/g-C3N4 nanocomposites for photocatalytic degradation of tetracycline hydrochloride. Journal of Materials Science, 2019, 54, 5445-5456.	3.7	93
13	Synthesis of CdSe/SrTiO3 nanocomposites with enhanced photocatalytic hydrogen production activity. Applied Surface Science, 2019, 467-468, 1033-1039.	6.1	70
14	Lithiophilic Co/Co₄N nanoparticles embedded in hollow N-doped carbon nanocubes stabilizing lithium metal anodes for Liâ€“air batteries. Journal of Materials Chemistry A, 2018, 6, 22096-22105.	10.3	55
15	Fabrication of CdSe/CaTiO3 nanocomposties in aqueous solution for improved photocatalytic hydrogen production. Applied Surface Science, 2018, 459, 520-526.	6.1	52
16	Polypyrrole-modified CuS nanoprisms for efficient near-infrared photothermal therapy. RSC Advances, 2017, 7, 10143-10149.	3.6	22
17	Photoresponsive Conjugated Microporous Polymer Films Fabricated by Electrochemical Deposition for Controlled Release. Macromolecular Rapid Communications, 2017, 38, 1700274.	3.9	9
18	Hydrothermal synthesis of Cu-Fe3O4 nanocomposites towards catalytic degradation of organic dyes. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	3

#	Article	IF	Citations
19	Glucose-functionalized Au nanoprisms for optoacoustic imaging and near-infrared photothermal therapy. Nanoscale, 2016, 8, 492-499.	5.6	39
20	Discriminating Cr(<scp>iii</scp>) and Cr(<scp>vi</scp>) using aqueous CdTe quantum dots with various surface ligands. RSC Advances, 2014, 4, 32946.	3.6	28
21	Coating Urchinlike Gold Nanoparticles with Polypyrrole Thin Shells To Produce Photothermal Agents with High Stability and Photothermal Transduction Efficiency. Langmuir, 2013, 29, 7102-7110.	3.5	96
22	Fabrication of CdTe nanoparticles-based superparticles for an improved detection of Cu²⁺and Ag⁺. Journal of Materials Chemistry, 2012, 22, 2679-2686.	6.7	50
23	One-pot, seedless synthesis of flowerlike Auâ€“Pd bimetallic nanoparticles with core-shell-like structure via sodium citrate coreduction of metal ions. CrystEngComm, 2012, 14, 7036.	2.6	33
24	Versatile fabrication of water-dispersible nanoparticleâ€“amphiphilic copolymer composite microspheres with specific functionalities. Journal of Materials Chemistry, 2011, 21, 6837.	6.7	16
25	Polyurethane-based bulk nanocomposites from 1-thioglycerol-stabilized CdTe quantum dots with enhanced luminescence. Journal of Materials Chemistry, 2011, 21, 6569.	6.7	20
26	Manipulating the growth of aqueous semiconductor nanocrystals through amine-promoted kinetic process. Physical Chemistry Chemical Physics, 2010, 12, 332-336.	2.8	21