Du Jimin

List of Publications by Year
in descending order

38 papers	1,044 citations	331670 21 h-index	414414 32 g-index
38 all docs	38 docs citations	38 times ranked	1343 citing authors

#	Article	IF	Citations
1	Facile synthesis of MoS2/CuS nanoflakes as high performance electrocatalysts for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 5319-5325.	7.1	15
2	Cu2S Nanoflakes Decorated with NiS Nanoneedles for Enhanced Oxygen Evolution Activity. Micromachines, 2022, 13, 278.	2.9	1
3	Improved H₂O₂ photogeneration and stability on rational tailored polymeric carbon nitride via enhanced O₂ adsorption. Journal of Materials Chemistry A, 2022, 10, 15051-15061.	10.3	7
4	A High Catalytic Activity Photocatalysts Based on Porous Metal Sulfides/TiO₂ Heterostructures. Advanced Materials Interfaces, 2021, 8, .	3.7	21
5	A highly efficient photocatalyst based on layered g-C3N4/SnS2 composites. Current Nanoscience, 2021, 17, .	1.2	0
6	In Situ Preparation of Amphibious ZnO Quantum Dots with Blue Fluorescence Based on Hyperbranched Polymers and their Application in Bio-Imaging. Polymers, 2020, 12, 144.	4.5	16
7	Nanoflower-like MoS2 grown on porous TiO2 with enhanced hydrogen evolution activity. Journal of Alloys and Compounds, 2020, 821, 153203.	5.5	21
8	Facile synthesis of copper sulfides on copper foam as an efficient electrocatalyst for oxygen evolution reaction. Materials Today Communications, 2020, 25, 101585.	1.9	10
9	High-Performance, Scalable, and Low-Cost Copper Hydroxyapatite for Photothermal CO2 Reduction. ACS Catalysis, 2020, 10, 13668-13681.	11.2	55
10	Synthesis of binary metal phosphides heterostructures as a stable and efficient hydrogen evolution reaction electrocatalyst. Materials Today Communications, 2020, 25, 101257.	1.9	10
11	Enhanced electrochemical performance of porous Co-doped TiO2 nanomaterials prepared by a solvothermal method. Microporous and Mesoporous Materials, 2019, 273, 148-155.	4.4	98
12	Facile synthesis of cactus-shaped CdS-Cu9S5 heterostructure on copper foam with enhanced photoelectrochemical performance. Applied Surface Science, 2019, 492, 849-855.	6.1	25
13	CuS Nanosheets Decorated with CoS₂ Nanoparticles as an Efficient Electrocatalyst for Enhanced Hydrogen Evolution at All pH Values. ACS Sustainable Chemistry and Engineering, 2019, 7, 14016-14022.	6.7	70
14	Kinetics of V(V) extraction in V(V)-SO42â˜ (Na+, H+)-primary amine N1923-sulfonated kerosene system using single drop technique. Separation and Purification Technology, 2019, 215, 473-479.	7.9	8
15	Enhanced Interfacial Charge Transfer and Separation Rate based on Sub 10 nm MoS₂ Nanoflakes In Situ Grown on Graphitiâ€C₃N₄. Advanced Materials Interfaces, 2019, 6, 1900554.	3.7	33
16	Synthesis and Enhanced Photocatalytic Activity of Porous SrTiO3/TiO2 Composites. Journal of Nanoscience and Nanotechnology, 2019, 19, 5707-5712.	0.9	5
17	Highly efficient oxygen evolution electrocatalysts based on nanosheet-shaped CuS in situ grown on carbon cloth. Ceramics International, 2019, 45, 10664-10671.	4.8	32
18	Controlled synthesis of nanoplate, nanoprism and nanopyramid-shaped CdSe decorated on porous TiO2 photocatalysts for visible-light-driven hydrogen evolution. Ceramics International, 2018, 44, 12555-12563.	4.8	26

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19	Highly efficient hydrogen evolution catalysis based on MoS 2 /CdS/TiO 2 porous composites. International Journal of Hydrogen Energy, 2018, 43, 9307-9315.	7.1	38
20	Enhanced charge separation of CuS and CdS quantum-dot-cosensitized porous TiO2-based photoanodes for photoelectrochemical water splitting. Ceramics International, 2018, 44, 3099-3106.	4.8	31
21	Highly Efficient Photocatalysts Based on Lamellar-Shaped Bi₂S₃ Grown on TiO₂ Monolith. Nano, 2018, 13, 1850110.	1.0	2
22	Facile synthesis of sheet-shaped Co2P grown on carbon cloth as a high-performance electrocatalyst for the hydrogen evolution reaction. Journal of Solid State Electrochemistry, 2018, 22, 3977-3983.	2.5	6
23	A stable and highly efficient visible-light-driven hydrogen evolution porous CdS/WO3/TiO2 photocatalysts. Materials Characterization, 2018, 142, 43-49.	4.4	58
24	Pyramid-like CdS nanoparticles grown on porous TiO2 monolith: An advanced photocatalyst for H2 production. Electrochimica Acta, 2017, 250, 99-107.	5.2	33
25	Facile preparation of magnetic nanocrystals using amphiphilic hyperbranched polymers as unimolecular nanoreactors and magnetofection in vitro. Polymer Composites, 2016, 37, 429-434.	4.6	9
26	Porous NiCo₂S₄ Networks as Electrodes for Electrochemical Supercapacitors. Nano, 2016, 11, 1650133.	1.0	20
27	Synthesis and Enhanced Photocatalytic Activity of Black Porous Zr-doped TiO₂ Monoliths. Nano, 2016, 11, 1650068.	1.0	6
28	Facile synthesis and enhanced photocatalytic activity of porous Sn/Nd-codoped TiO2 monoliths. Microporous and Mesoporous Materials, 2014, 195, 167-173.	4.4	18
29	A facile method for synthesis of N-doped TiO2 nanooctahedra, nanoparticles, and nanospheres and enhanced photocatalytic activity. Applied Surface Science, 2013, 273, 278-286.	6.1	44
30	A template method for synthesis of porous Sn-doped TiO2 monolith and its enhanced photocatalytic activity. Materials Letters, 2013, 93, 419-422.	2.6	34
31	Size-controlled preparation of magnetic iron oxidenanocrystals within hyperbranched polymers and their magnetofection in vitro. Journal of Materials Chemistry, 2012, 22, 355-360.	6.7	25
32	Ionic liquid-assisted synthesis of SnO2 particles with nanorod subunits for enhanced gas-sensing properties. CrystEngComm, 2012, 14, 3404.	2.6	25
33	Facile synthesis of porous nickel manganite materials and their morphology effect on electrochemical properties. RSC Advances, 2012, 2, 5930.	3.6	66
34	Synthesis and gas-sensing properties of ZnO particles from an ionic liquid precursor. RSC Advances, 2012, 2, 3049.	3.6	25
35	Porous nickel oxide nanospindles with huge specific capacitance and long-life cycle. RSC Advances, 2012, 2, 2257.	3.6	90
36	Controlled synthesis of anatase TiO2 nano-octahedra and nanospheres: shape-dependent effects on the optical and electrochemical properties. CrystEngComm, 2011, 13, 4270.	2.6	28

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37	A Controlled Method to Synthesize Hybrid In2O3/Ag Nanochains and Nanoparticles: Surface-Enhanced Raman Scattering. Journal of Physical Chemistry C, 2009, 113, 9998-10004.	3.1	33
38	A new one-dimensional helical complex from the coordination of m-xylylene dicyanide with silver (I) perchlorate. Materials Letters, 2006, 60, 1813-1815.	2.6	0