

Du Jimin

List of Publications by Year in descending order

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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	Enhanced electrochemical performance of porous Co-doped TiO ₂ nanomaterials prepared by a solvothermal method. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 148-155.	4.4	98
2	Porous nickel oxide nanospindles with huge specific capacitance and long-life cycle. <i>RSC Advances</i> , 2012, 2, 2257.	3.6	90
3	CuS Nanosheets Decorated with CoS ₂ Nanoparticles as an Efficient Electrocatalyst for Enhanced Hydrogen Evolution at All pH Values. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14016-14022.	6.7	70
4	Facile synthesis of porous nickel manganite materials and their morphology effect on electrochemical properties. <i>RSC Advances</i> , 2012, 2, 5930.	3.6	66
5	A stable and highly efficient visible-light-driven hydrogen evolution porous CdS/WO ₃ /TiO ₂ photocatalysts. <i>Materials Characterization</i> , 2018, 142, 43-49.	4.4	58
6	High-Performance, Scalable, and Low-Cost Copper Hydroxyapatite for Photothermal CO ₂ Reduction. <i>ACS Catalysis</i> , 2020, 10, 13668-13681.	11.2	55
7	A facile method for synthesis of N-doped TiO ₂ nanooctahedra, nanoparticles, and nanospheres and enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2013, 273, 278-286.	6.1	44
8	Highly efficient hydrogen evolution catalysis based on MoS ₂ /CdS/TiO ₂ porous composites. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9307-9315.	7.1	38
9	A template method for synthesis of porous Sn-doped TiO ₂ monolith and its enhanced photocatalytic activity. <i>Materials Letters</i> , 2013, 93, 419-422.	2.6	34
10	A Controlled Method to Synthesize Hybrid In ₂ O ₃ /Ag Nanochains and Nanoparticles: Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9998-10004.	3.1	33
11	Pyramid-like CdS nanoparticles grown on porous TiO ₂ monolith: An advanced photocatalyst for H ₂ production. <i>Electrochimica Acta</i> , 2017, 250, 99-107.	5.2	33
12	Enhanced Interfacial Charge Transfer and Separation Rate based on Sub 10 nm MoS ₂ Nanoflakes In Situ Grown on Graphiticâ€ƒC ₃ N ₄ . <i>Advanced Materials Interfaces</i> , 2019, 6, 1900554.	3.7	33
13	Highly efficient oxygen evolution electrocatalysts based on nanosheet-shaped CuS in situ grown on carbon cloth. <i>Ceramics International</i> , 2019, 45, 10664-10671.	4.8	32
14	Enhanced charge separation of CuS and CdS quantum-dot-cosensitized porous TiO ₂ -based photoanodes for photoelectrochemical water splitting. <i>Ceramics International</i> , 2018, 44, 3099-3106.	4.8	31
15	Controlled synthesis of anatase TiO ₂ nano-octahedra and nanospheres: shape-dependent effects on the optical and electrochemical properties. <i>CrystEngComm</i> , 2011, 13, 4270.	2.6	28
16	Controlled synthesis of nanoplate, nanoprism and nanopyramid-shaped CdSe decorated on porous TiO ₂ photocatalysts for visible-light-driven hydrogen evolution. <i>Ceramics International</i> , 2018, 44, 12555-12563.	4.8	26
17	Size-controlled preparation of magnetic iron oxidenanocrystals within hyperbranched polymers and their magnetofection in vitro. <i>Journal of Materials Chemistry</i> , 2012, 22, 355-360.	6.7	25
18	Ionic liquid-assisted synthesis of SnO ₂ particles with nanorod subunits for enhanced gas-sensing properties. <i>CrystEngComm</i> , 2012, 14, 3404.	2.6	25

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19	Synthesis and gas-sensing properties of ZnO particles from an ionic liquid precursor. RSC Advances, 2012, 2, 3049.	3.6	25
20	Facile synthesis of cactus-shaped CdS-Cu ₉ S ₅ heterostructure on copper foam with enhanced photoelectrochemical performance. Applied Surface Science, 2019, 492, 849-855.	6.1	25
21	Nanoflower-like MoS ₂ grown on porous TiO ₂ with enhanced hydrogen evolution activity. Journal of Alloys and Compounds, 2020, 821, 153203.	5.5	21
22	A High Catalytic Activity Photocatalysts Based on Porous Metal Sulfides/TiO ₂ Heterostructures. Advanced Materials Interfaces, 2021, 8, .	3.7	21
23	Porous NiCo ₂ S ₄ Networks as Electrodes for Electrochemical Supercapacitors. Nano, 2016, 11, 1650133.	1.0	20
24	Facile synthesis and enhanced photocatalytic activity of porous Sn/Nd-codoped TiO ₂ monoliths. Microporous and Mesoporous Materials, 2014, 195, 167-173.	4.4	18
25	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
26	Facile synthesis of MoS ₂ /CuS nanoflakes as high performance electrocatalysts for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 5319-5325.	7.1	15
27	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
28	Synthesis of binary metal phosphides heterostructures as a stable and efficient hydrogen evolution reaction electrocatalyst. Materials Today Communications, 2020, 25, 101257.	1.9	10
29	Facile preparation of magnetic nanocrystals using amphiphilic hyperbranched polymers as unimolecular nanoreactors and magnetofection <i>in vitro</i> . Polymer Composites, 2016, 37, 429-434.	4.6	9
30	Kinetics of V(V) extraction in V(V)-SO ₄ ²⁻ (Na ⁺ , H ⁺)-primary amine N1923-sulfonated kerosene system using single drop technique. Separation and Purification Technology, 2019, 215, 473-479.	7.9	8
31	Improved H ₂ O ₂ photogeneration and stability on rational tailored polymeric carbon nitride <i>via</i> enhanced O ₂ adsorption. Journal of Materials Chemistry A, 2022, 10, 15051-15061.	10.3	7
32	Synthesis and Enhanced Photocatalytic Activity of Black Porous Zr-doped TiO ₂ Monoliths. Nano, 2016, 11, 1650068.	1.0	6
33	Facile synthesis of sheet-shaped Co ₂ P 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
34	Synthesis and Enhanced Photocatalytic Activity of Porous SrTiO ₃ /TiO ₂ Composites. Journal of Nanoscience and Nanotechnology, 2019, 19, 5707-5712.	0.9	5
35	Highly Efficient Photocatalysts Based on Lamellar-Shaped Bi ₂ S ₃ Grown on TiO ₂ Monolith. Nano, 2018, 13, 1850110.	1.0	2
36	Cu ₂ S Nanoflakes Decorated with NiS Nanoneedles for Enhanced Oxygen Evolution Activity. Micromachines, 2022, 13, 278.	2.9	1

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37	A new one-dimensional helical complex from the coordination of m-xylylene dicyanide with silver (I) perchlorate. <i>Materials Letters</i> , 2006, 60, 1813-1815.	2.6	0
38	A highly efficient photocatalyst based on layered g-C ₃ N ₄ /SnS ₂ composites. <i>Current Nanoscience</i> , 2021, 17, .	1.2	0