

Haofei Zhao

List of Publications by Year in descending order

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23
papers

1,370
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2350
citing authors

#	ARTICLE	IF	CITATIONS
1	A High-Rate and Stable Quasi-Solid-State Zinc-Ion Battery with Novel 2D Layered Zinc Orthovanadate Array. <i>Advanced Materials</i> , 2018, 30, e1803181.	21.0	571
2	Highly efficient core-shell CuInS ₂ /Mn doped CdS quantum dot sensitized solar cells. <i>Chemical Communications</i> , 2013, 49, 3881.	4.1	162
3	Insight into the Atomic Structure of High-Voltage Spinel LiNi _{0.5} Mn _{1.5} O ₄ Cathode Material in the First Cycle. <i>Chemistry of Materials</i> , 2015, 27, 292-303.	6.7	151
4	Ball-milling combined calcination synthesis of MoS ₂ /CdS photocatalysts for high photocatalytic H ₂ evolution activity under visible light irradiation. <i>Applied Catalysis A: General</i> , 2012, 443-444, 138-144.	4.3	134
5	Atomic-scaled surface engineering Ni-Pt nanoalloys towards enhanced catalytic efficiency for methanol oxidation reaction. <i>Nano Research</i> , 2020, 13, 3088-3097.	10.4	50
6	Atomic Scale Stability of Tungsten-Cobalt Intermetallic Nanocrystals in Reactive Environment at High Temperature. <i>Journal of the American Chemical Society</i> , 2019, 141, 5871-5879.	13.7	39
7	Atomic origins of the strong metal-support interaction in silica supported catalysts. <i>Chemical Science</i> , 2021, 12, 12651-12660.	7.4	36
8	Carbon-Involved Near-Surface Evolution of Cobalt Nanocatalysts: An in Situ Study. <i>CCS Chemistry</i> , 2021, 3, 154-167.	7.8	36
9	Direct observation of epitaxial alignment of Au on MoS ₂ at atomic resolution. <i>Nano Research</i> , 2019, 12, 947-954.	10.4	26
10	Shape-Controlled Synthesis of CdSe Nanocrystals via a Programmed Microfluidic Process. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3567-3572.	3.1	23
11	Non-symmetric hybrids of noble metal-semiconductor: Interplay of nanoparticles and nanostructures in formation dynamics and plasmonic applications. <i>Progress in Natural Science: Materials International</i> , 2017, 27, 157-168.	4.4	19
12	Fe doped NiS nanosheet arrays grown on carbon fiber paper for a highly efficient electrocatalytic oxygen evolution reaction. <i>Nanoscale Advances</i> , 2022, 4, 1220-1226.	4.6	19
13	Detonation nanodiamond introduced into samarium doped ceria electrolyte improving performance of solid oxide fuel cell. <i>Journal of Power Sources</i> , 2017, 342, 515-520.	7.8	15
14	Raman spectra study of p-tert-butylphenoxy-substituted phthalocyanines with different central metal and substitution positions. <i>Vibrational Spectroscopy</i> , 2018, 96, 26-31.	2.2	14
15	The nature of plasmon-exciton codriven surface catalytic reaction. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 383-387.	2.5	13
16	Atomic Scale Evolution of Graphitic Shells Growth via Pyrolysis of Cobalt Phthalocyanine. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001112.	3.7	13
17	In-situ transmission electron microscopy for probing the dynamic processes in materials. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 443002.	2.8	13
18	Structural transition behavior of ZnS nanotetrapods under high pressure. <i>High Pressure Research</i> , 2015, 35, 9-15.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Conductive electrodes of metallic-organic compound CH_3CuS nanowires for all-solid-state flexible supercapacitors. <i>Nanoscale</i> , 2021, 13, 6921-6926.	5.6	8
20	$\text{Au@Co}_2\text{P}$ core/shell nanoparticles as a nano-electrocatalyst for enhancing the oxygen evolution reaction. <i>RSC Advances</i> , 2019, 9, 40811-40818.	3.6	7
21	Pt-Based Nanostructures for Observing Genuine SERS Spectra of p-Aminothiophenol (PATP) Molecules. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 953.	2.5	6
22	Interface Interaction Dependent Growth of Carbon Nanostructures: An In Situ Study. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	4
23	Surface activity of antiperovskite manganese nitrides. <i>Journal of Materials Research</i> , 2013, 28, 3245-3251.	2.6	2