

Tiekun Jia

List of Publications by Year in descending order

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papers

753
citations

759233

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26
docs citations

26
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication, characterization and photocatalytic activity of La-doped ZnO nanowires. Journal of Alloys and Compounds, 2009, 484, 410-415.	5.5	183
2	Facile synthesis and characterization of N-doped TiO ₂ /C nanocomposites with enhanced visible-light photocatalytic performance. Applied Surface Science, 2018, 430, 438-447.	6.1	115
3	Synthesis, Characterization, and Photocatalytic Activity of Zn-Doped SnO ₂ Hierarchical Architectures Assembled by Nanocones. Journal of Physical Chemistry C, 2009, 113, 9071-9077.	3.1	111
4	Rational construction of direct Z-scheme SnS/g-C ₃ N ₄ hybrid photocatalyst for significant enhancement of visible-light photocatalytic activity. Applied Surface Science, 2020, 499, 143941.	6.1	58
5	Carbon Nitride Decorated Ball-Flower like Co ₃ O ₄ Hybrid Composite: Hydrothermal Synthesis and Ethanol Gas Sensing Application. Nanomaterials, 2018, 8, 132.	4.1	55
6	Ultrathin g-C ₃ N ₄ Nanosheet-Modified BiOCl Hierarchical Flower-Like Plate Heterostructure with Enhanced Photostability and Photocatalytic Performance. Crystals, 2017, 7, 266.	2.2	34
7	Facile design and synthesis of Li-rich nanoplates cathodes with habit-tuned crystal for lithium ion batteries. Journal of Power Sources, 2016, 333, 37-42.	7.8	31
8	Synthesis, characterization and enhanced visible-light photocatalytic activity of Zn ₂ SnO ₄ /C nanocomposites with truncated octahedron morphology. Ceramics International, 2016, 42, 13893-13899.	4.8	28
9	A Facile Approach for the Synthesis of Zn ₂ SnO ₄ /BiOBr Hybrid Nanocomposites with Improved Visible-Light Photocatalytic Performance. Nanomaterials, 2018, 8, 313.	4.1	25
10	One-Pot Hydrothermal Synthesis of La-Doped ZnIn ₂ S ₄ Microspheres with Improved Visible-Light Photocatalytic Performance. Nanomaterials, 2020, 10, 2026.	4.1	23
11	High-rate and long-term cycling capabilities of LiFe _{0.4} Mn _{0.6} PO ₄ /C composite for lithium-ion batteries. Journal of Solid State Electrochemistry, 2015, 19, 1535-1540.	2.5	18
12	Continuously Improved Photocatalytic Performance of Zn ₂ SnO ₄ /SnO ₂ /Cu ₂ O Composites by Structural Modulation and Band Alignment Modification. Nanomaterials, 2019, 9, 1390.	4.1	12
13	Facile Synthesis, Characterization, and Visible-light Photocatalytic Activities of 3D Hierarchical Bi ₂ S ₃ Architectures Assembled by Nanoplatelets. Crystals, 2016, 6, 140.	2.2	11
14	Constructing a novel Zn ₂ SnO ₄ /C/AgBr nanocomposite with extended spectral response and improved photocatalytic performance. Journal of Alloys and Compounds, 2019, 783, 687-696.	5.5	11
15	One-Dimensional P-Doped Graphitic Carbon Nitride Tube: Facile Synthesis, Effect of Doping Concentration, and Enhanced Mechanism for Photocatalytic Hydrogen Evolution. Nanomaterials, 2022, 12, 1759.	4.1	10
16	Synthesis, Characterization, and Photocatalytic Activity of Zn-Doped SnO ₂ /Zn ₂ SnO ₄ Coupled Nanocomposites. International Journal of Photoenergy, 2014, 2014, 1-7.	2.5	7
17	Mitigating voltage decay of Li-Rich layer oxide cathode material via an ultrathin lithium ion pump heteroepitaxial surface modification. Journal of Power Sources, 2021, 511, 230427.	7.8	6
18	Sonochemical Synthesis, Characterization, and Photocatalytic Activity of N-Doped TiO ₂ Nanocrystals with Mesoporous Structure. International Journal of Photoenergy, 2014, 2014, 1-7.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Controlling growth of ZnO nanostructures via a solution route. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 249-253.	1.0	2
20	Hydrothermal synthesis and visible-light photocatalytic activities of SnS ₂ nanoflakes. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 276-281.	1.0	2
21	Synthesis, characterization and thermal stability of CeO ₂ stabilized ZrO ₂ ultra fine nanoparticles via a sol-gel route. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1245-1249.	1.0	2
22	Microstructure and properties of AlN coating/graphite fabricated via in-situ reaction. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 718-721.	1.0	1
23	Facile synthesis of SnO ₂ hollow microspheres and their optical property. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 301-304.	1.0	1
24	Facile Synthesis of Porous SnO ₂ Spherical-Like Aggregates and Their Gas Sensing Property. Integrated Ferroelectrics, 2011, 128, 30-36.	0.7	1
25	Rational Design and Synthesis of ZnWO ₄ Nanorods Decorated with SnS Nanodots with Enhanced Visible-Light Photocatalytic Performance. Catalysts, 2021, 11, 1345.	3.5	1
26	Theoretical study on the C-H activation in decarbonylation of acetaldehyde by NiL ₂ (L=SO ₃ CH ₃) using density functional theory. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 1170-1172.	1.0	0