

Fei Long

List of Publications by Year in descending order

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49
papers

1,824
citations

361413

20
h-index

265206

42
g-index

50
all docs

50
docs citations

50
times ranked

3133
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Stretchable and Self-Healable Supercapacitor with Reduced Graphene Oxide Based Fiber Springs. ACS Nano, 2017, 11, 2066-2074.	14.6	413
2	Fabrication, characterization and photocatalytic activity of La-doped ZnO nanowires. Journal of Alloys and Compounds, 2009, 484, 410-415.	5.5	183
3	Piezoresistive Sensor with High Elasticity Based on 3D Hybrid Network of Sponge@CNTs@Ag NPs. ACS Applied Materials & Interfaces, 2016, 8, 22374-22381.	8.0	176
4	A Flexible Integrated System Containing a Microsupercapacitor, a Photodetector, and a Wireless Charging Coil. ACS Nano, 2016, 10, 11249-11257.	14.6	166
5	Hollow MXene Sphere/Reduced Graphene Aerogel Composites for Piezoresistive Sensor with Ultra-High Sensitivity. Advanced Electronic Materials, 2020, 6, 1901064.	5.1	137
6	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
7	Graphene Aerogel Broken to Fragments for a Piezoresistive Pressure Sensor with a Higher Sensitivity. ACS Applied Materials & Interfaces, 2019, 11, 33165-33172.	8.0	58
8	Noble metal-free NiS ₂ with rich active sites loaded g-C ₃ N ₄ for highly efficient photocatalytic H ₂ evolution under visible light irradiation. Journal of Colloid and Interface Science, 2019, 534, 343-349.	9.4	57
9	Microwave-hydrothermal synthesis of Co-doped FeS ₂ as a visible-light photocatalyst. Journal of Materials Science, 2015, 50, 1848-1854.	3.7	36
10	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
11	Space-Confined Effect One-Pot Synthesis of γ -AlO(OH)/MgAl-LDH Heterostructures with Excellent Adsorption Performance. Nanoscale Research Letters, 2019, 14, 281.	5.7	32
12	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
13	Synthesis of novel and stable g-C ₃ N ₄ /N ₄ -Bi ₂ WO ₆ hybrid nanocomposites and their enhanced photocatalytic activity under visible light irradiation. Royal Society Open Science, 2018, 5, 171419.	2.4	27
14	Modifying SnO ₂ with Polyacrylamide to Enhance the Performance of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 34143-34150.	8.0	27
15	Superelastic and ultralight electron source from modifying 3D reduced graphene aerogel microstructure. Nano Energy, 2017, 33, 280-287.	16.0	26
16	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
17	A high performance wire-shaped flexible lithium-ion battery based on silicon nanoparticles within polypyrrole/twisted carbon fibers. RSC Advances, 2017, 7, 26601-26607.	3.6	23
18	Facile synthesis of few-layer MoS ₂ in MgAl-LDH layers for enhanced visible-light photocatalytic activity. RSC Advances, 2019, 9, 24280-24290.	3.6	23

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19	One-Pot Hydrothermal Synthesis of La-Doped ZnIn ₂ S ₄ Microspheres with Improved Visible-Light Photocatalytic Performance. <i>Nanomaterials</i> , 2020, 10, 2026.	4.1	23
20	Solvent-free catalytic synthesis and optical properties of super-hard phase ultrafine carbon nitride nanowires with abundant surface active sites. <i>RSC Advances</i> , 2016, 6, 23272-23278.	3.6	22
21	Synthesis, crystal structure, photoluminescence properties of organic-inorganic hybrid materials based on ethylenediamine bromide. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 52-60.	5.2	21
22	Synthesis of High-Quality Wurtzite Cu ₂ ZnSn(S _{1-x} Se _x) ₄ Nanocrystals With Non-Toxic Selenium Precursor and the Photoelectrochemical Performance of ZnO NAs/CZTSSe Heterojunction. <i>Solar Rrl</i> , 2018, 2, 1800015.	5.8	15
23	Understanding the growth mechanism of wurtzite Cu ₂ ZnSn ₄ nanocrystals and the photodegradation properties. <i>Materials and Design</i> , 2017, 123, 24-31.	7.0	13
24	Synthesis, Structure, and Photoelectric Properties of a Novel 0-Dimensional Organic-Inorganic Hybrid Perovskite (2-5-py) ₂ MnBr ₄ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 22898-22906.	3.1	13
25	Rare Earth Ion Yb ³⁺ Doping of Bi ₂ WO ₆ with Excellent Visible-light Photocatalytic Activity. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2020, 35, 348-355.	1.0	12
26	Facile Synthesis, Characterization, and Visible-light Photocatalytic Activities of 3D Hierarchical Bi ₂ S ₃ Architectures Assembled by Nanoplatelets. <i>Crystals</i> , 2016, 6, 140.	2.2	11
27	Solid state synthesis of nonstoichiometric Bi ₂ WO ₆ /Bi ₂ O ₃ composites as visible-light photocatalyst. <i>Ionics</i> , 2016, 22, 2347-2353.	2.4	9
28	Preparation of nano-sized zirconium carbide powders through a novel active dilution self-propagating high temperature synthesis method. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 729-734.	1.0	8
29	Class fabrics self-cracking catalytic growth of boron nitride nanotubes. <i>Solid State Sciences</i> , 2017, 64, 23-28.	3.2	8
30	Stable organic-inorganic hybrid bismuth-halide: Exploration of crystal-structural, morphological, thermal, spectroscopic and optoelectronic properties. <i>Journal of Molecular Structure</i> , 2022, 1264, 133102.	3.6	8
31	Synthesis and Characterization of Arsenate/Phosphate Fluorapatite Solid Solutions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2009, 40, 2659-2663.	2.2	7
32	Ribbon-like Cu doped V ₆ O ₁₃ as cathode material for high-performance lithium ion batteries. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 1397-1401.	1.0	7
33	Crystal structure, optical behavior and electrical conduction of the new organic-inorganic compound CH ₃ NH ₃ CdI ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9821-9828.	2.2	7
34	Synthesis of M (M=Co ²⁺ , Co ²⁺ /Ni ²⁺)-doped FeS ₂ Nanospheres with Enhanced Visible-light-induced Photocatalytic Activity. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 802-811.	1.0	7
35	Crystal structure and electrical conduction of the new organic-inorganic compound (CH ₂) ₂ (NH ₃) ₂ CdI ₄ . <i>Journal of Molecular Structure</i> , 2018, 1156, 450-456.	3.6	6
36	Synthesis, Crystal Structure, Optical Properties and Stability of New Bismuth-Based Organic-Inorganic Compounds (C ₆ H ₉ N ₂) _a Bi _b X _c (X=Cl, Br, I). <i>ChemistrySelect</i> , 2021, 6, 1099-1106.	1.5	6

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37	Oneâ€Dimensional ABX ₃ â€Type Fluorescent Crystal: CH ₃ NH ₃ Zn ₃ . Crystal Research and Technology, 2018, 53, 1800017.	1.3	5
38	Crystal structure and electrical conduction of the organicâ€inorganic compound (C ₆ H ₉ N ₂) ₂ ZnI ₄ . Polyhedron, 2019, 164, 48-54.	2.2	5
39	Unique three-dimensional hierarchical heterogeneous MoS ₂ /graphene structures as a high-performance anode material for lithium-ion batteries. Ionics, 2021, 27, 1977-1986.	2.4	5
40	In situ controlled rapid growth of novel high activity TiB ₂ /(TiB ₂ â€TiN) hierarchical/heterostructured nanocomposites. Beilstein Journal of Nanotechnology, 2017, 8, 2116-2125.	2.8	4
41	Role of seed layer in van der Waals growth of vanadium dioxide film on mica prepared by chemical solution deposition. Journal of Sol-Gel Science and Technology, 2021, 98, 24-30.	2.4	4
42	Fabrication and mechanical properties of boron nitride nanotube reinforced boron carbide ceramics. Journal of the Ceramic Society of Japan, 2021, 129, 187-194.	1.1	4
43	Rich 1Tâ€MoS ₂ Nanoflowers Decorated on Reduced Graphene Oxide Nanosheet for Ultraâ€Quick Zn ²⁺ Storage. Batteries and Supercaps, 2022, 5, .	4.7	4
44	Effective Preparation of Oneâ€Dimensional Boronâ€Nitrideâ€Nanotubeâ€Supported Nanosheet Hierarchical Structures and Their Optical/Adsorption Properties. ChemistrySelect, 2018, 3, 10832-10836.	1.5	3
45	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
46	Compared selection of pretreatment technology for cassava starch wastewater treated by anaerobic process. , 2011, , .		1
47	Accelerated Crystal Growth in >16% Printed MA _x FA _y Cs _z PbI ₃ Perovskite Solar Cells from Aqueous Inks. ACS Sustainable Chemistry and Engineering, 2022, 10, 5225-5232.	6.7	1
48	Discussion of the maximum design current velocity of small towns' drainage pipelines in South China. , 2011, , .		0
49	Mass Production of Bi ₃ NbO ₇ / Bi ₂ Zn ₂ /3Nb ₄ /3O ₇ composites and their visible-light photocatalytic activity. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 403-407.	1.0	0