

Liang Shi

List of Publications by Year in descending order

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38
papers

1,435
citations

331670

21
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

2598
citing authors

#	ARTICLE	IF	CITATIONS
1	Template-Directed Synthesis of Ordered Single-Crystalline Nanowires Arrays of Cu ₂ ZnSnS ₄ and Cu ₂ ZnSnSe ₄ . Journal of the American Chemical Society, 2011, 133, 10328-10331.	13.7	150
2	Preparation of Band Gap Tunable SnO ₂ Nanotubes and Their Ethanol Sensing Properties. Langmuir, 2011, 27, 3977-3981.	3.5	99
3	Facile Fabrication and Optical Property of Hollow SnO ₂ Spheres and Their Application in Water Treatment. Langmuir, 2010, 26, 18718-18722.	3.5	94
4	Fabrication of γ -MnO ₂ / α -MnO ₂ hollow core/shell structures and their application to water treatment. Journal of Materials Chemistry, 2011, 21, 16210.	6.7	94
5	Highly Sensitive ZnO Nanorod- and Nanoprism-Based NO ₂ Gas Sensors: Size and Shape Control Using a Continuous Hydrothermal Pilot Plant. Langmuir, 2013, 29, 10603-10609.	3.5	89
6	Synthesis and Photocatalytic Performance of ZnIn ₂ S ₄ Nanotubes and Nanowires. Langmuir, 2013, 29, 12818-12822.	3.5	76
7	Controlled fabrication of SnO ₂ arrays of well-aligned nanotubes and nanowires. Nanoscale, 2010, 2, 2104.	5.6	73
8	Single-step synthesis of copper sulfide hollow spheres by a template interface reaction route Electronic supplementary information (ESI) available: XRD pattern of copper sulfide products. See http://www.rsc.org/suppdata/jm/b4/b407435a/ . Journal of Materials Chemistry, 2004, 14, 2489.	6.7	66
9	Improving cycle stability of SnS anode for sodium-ion batteries by limiting Sn agglomeration. Journal of Power Sources, 2018, 377, 1-6.	7.8	57
10	Shape-Selective Synthesis and Optical Properties of Highly Ordered One-Dimensional ZnS Nanostructures. Crystal Growth and Design, 2009, 9, 2214-2219.	3.0	51
11	Highly Efficient Photoinduced Enhanced Raman Spectroscopy (PIERS) from Plasmonic Nanoparticles Decorated 3D Semiconductor Arrays for Ultrasensitive, Portable, and Recyclable Detection of Organic Pollutants. ACS Sensors, 2019, 4, 1670-1681.	7.8	50
12	Synthesis and photocatalytic activity of Zn ₂ SnO ₄ nanotube arrays. Journal of Materials Chemistry A, 2013, 1, 12981.	10.3	47
13	Synthesis and Photoelectric Properties of Cu ₂ ZnGeS ₄ and Cu ₂ ZnGeSe ₄ Single-Crystalline Nanowire Arrays. Langmuir, 2013, 29, 8713-8717.	3.5	46
14	Phase pure Sn ₄ P ₃ nanotops by solution-liquid-solid growth for anode application in sodium ion batteries. Journal of Materials Chemistry A, 2017, 5, 5791-5796.	10.3	46
15	Double-Shell Mn ₂ O ₃ Hollow Spheres and Their Application in Water Treatment. European Journal of Inorganic Chemistry, 2010, 2010, 1172-1176.	2.0	42
16	Ordered arrays of shape tunable CuInS ₂ nanostructures, from nanotubes to nano test tubes and nanowires. Nanoscale, 2010, 2, 2126.	5.6	35
17	Thickness tunable Cu ₂ ZnSnSe ₄ nanosheets. CrystEngComm, 2011, 13, 6507.	2.6	33
18	Phosphate-free synthesis, optical absorption and photoelectric properties of Cu ₂ ZnGeS ₄ and Cu ₂ ZnGeSe ₄ uniform nanocrystals. Dalton Transactions, 2013, 42, 13607.	3.3	29

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19	Sunlight-assisted fabrication of a hierarchical ZnO nanorod array structure. CrystEngComm, 2009, 11, 2009.	2.6	26
20	General One-Pot Synthesis of Transition-Metal Phosphide/Nitrogen-Doped Carbon Hybrid Nanosheets as Ultrastable Anodes for Sodium-Ion Batteries. Chemistry - A European Journal, 2018, 24, 1253-1258.	3.3	26
21	Fabrication of single-crystalline CuInS ₂ nanowires array via a diethylenetriamine-thermal route. CrystEngComm, 2012, 14, 7217.	2.6	22
22	Fabrication of ordered single-crystalline CuInSe ₂ nanowire arrays. CrystEngComm, 2010, 12, 3882.	2.6	17
23	Rational Design of Unique MoSe ₂ "Carbon Nanobowl Particles Endows Superior Alkali Metal-Ion Storage Beyond Lithium. ACS Applied Materials & Interfaces, 2021, 13, 61116-61128.	8.0	17
24	Growth and characterization of ZnS porous nanoribbon array constructed by connected nanocrystallites. CrystEngComm, 2009, 11, 2308.	2.6	15
25	Synthesis of GaN Nanorods by a Solid-State Reaction. Journal of Nanomaterials, 2010, 2010, 1-6.	2.7	15
26	Synthesis of sword-like CuSbS ₂ nanowires as an anode material for sodium-ion batteries. Ceramics International, 2018, 44, 13609-13612.	4.8	14
27	Submicron-Sized Sb ₂ O ₃ with hierarchical structure as high-performance anodes for Na-ion storage. International Journal of Energy Research, 2019, 43, 6561-6565.	4.5	14
28	Well-Aligned Quaternary Cu ₂ CoSnS ₄ Single-Crystalline Nanowires as a Potential Low-Cost Solar Cell Material. ChemPlusChem, 2014, 79, 1638-1642.	2.8	13
29	Preparation and photoelectric property of a Cu ₂ FeSn ₄ nanowire array. RSC Advances, 2014, 4, 43720-43724.	3.6	13
30	Preparation, Formation Mechanism, and Photoresponse Properties of GeSe Microtubes with a Rectangular Cross Section. ChemPlusChem, 2015, 80, 630-634.	2.8	13
31	Porous SnSbNPs@3D-C Anode with Improved Stability for Sodium-Ion Battery. Journal of the Electrochemical Society, 2018, 165, A1455-A1459.	2.9	13
32	Nanoconfined Solvothermal Synthesis and Characterization of Ultrafine Cu ₂ NiSnS ₄ Nanotubes. ChemPlusChem, 2015, 80, 1533-1536.	2.8	12
33	Bifunctional Cobalt-Doped ZnIn ₂ S ₄ Hierarchical Nanotubes Endow Noble-Metal Cocatalyst-Free Photocatalytic H ₂ Production Coupled with Benzyl Alcohol Oxidation. Solar Rrl, 2022, 6, .	5.8	11
34	Synthesis and Characterization of Superconducting Nanocrystalline Niobium Nitride. Journal of Nanoscience and Nanotechnology, 2005, 5, 296-299.	0.9	5
35	Synthesis and formation mechanism of helical single-crystalline CuInSe ₂ nanowires. CrystEngComm, 2011, 13, 7262.	2.6	4
36	Preparation and Photoelectric and Magnetic Properties of Cu ₂ MnSnS ₄ Nanosheets. ChemPlusChem, 2015, 80, 1537-1540.	2.8	4

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37	Sodium storage performance of FeSb_2 @C composite. International Journal of Energy Research, 2022, 46, 2081-2085.	4.5	4
38	Synthesis of CuInTe_2 nanowires: A polycrystalline to single-crystalline transformation process. Journal of the American Ceramic Society, 2018, 101, 5358-5362.	3.8	0