Liang Shi

List of Publications by Year
in descending order

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	Sodium storage performance of <scp> FeSb ₂ </scp> @C composite. International Journal of Energy Research, 2022, 46, 2081-2085.	4.5	4
2	Bifunctional Cobaltâ€Doped ZnIn₂S₄ Hierarchical Nanotubes Endow Nobleâ€Metal Cocatalystâ€Free Photocatalytic H₂ Production Coupled with Benzyl Alcohol Oxidation. Solar Rrl, 2022, 6, .	5.8	11
3	Rational Design of Unique MoSe₂â€“Carbon Nanobowl Particles Endows Superior Alkali Metal-Ion Storage Beyond Lithium. ACS Applied Materials & Interfaces, 2021, 13, 61116-61128.	8.0	17
4	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
5	Submicronâ€sized Sb ₂ O ₃ with hierarchical structure as highâ€performance anodes for Naâ€ion storage. International Journal of Energy Research, 2019, 43, 6561-6565.	4.5	14
6	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
7	Synthesis of sword-like CuSbS2 nanowires as an anode material for sodium-ion batteries. Ceramics International, 2018, 44, 13609-13612.	4.8	14
8	Synthesis of CuInTe 2 nanowires: A polycrystallineâ€toâ€singleâ€crystalline transformation process. Journal of the American Ceramic Society, 2018, 101, 5358-5362.	3.8	0
9	Porous SnSbNPs@3D-C Anode with Improved Stability for Sodium-Ion Battery. Journal of the Electrochemical Society, 2018, 165, A1455-A1459.	2.9	13
10	General Oneâ€Pot Synthesis of Transitionâ€Metal Phosphide/Nitrogenâ€Doped Carbon Hybrid Nanosheets as Ultrastable Anodes for Sodiumâ€Ion Batteries. Chemistry - A European Journal, 2018, 24, 1253-1258.	3.3	26
11	Phase pure Sn₄P₃ 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
12	Preparation and Photoelectric and Magnetic Properties of Cu₂MnSnS₄ Nanosheets. ChemPlusChem, 2015, 80, 1537-1540.	2.8	4
13	Nanoconfined Solvothermal Synthesis and Characterization of Ultrafine Cu₂NiSnS₄ Nanotubes. ChemPlusChem, 2015, 80, 1533-1536.	2.8	12
14	Preparation, Formation Mechanism, and Photoresponse Properties of GeSe Microtubes with a Rectangular Cross Section. ChemPlusChem, 2015, 80, 630-634.	2.8	13
15	Wellâ€Aligned Quaternary Cu₂CoSnS₄ Singleâ€Crystalline Nanowires as a Potential Lowâ€Cost Solar Cell Material. ChemPlusChem, 2014, 79, 1638-1642.	2.8	13
16	Preparation and photoelectric property of a Cu₂FeSnS₄nanowire array. RSC Advances, 2014, 4, 43720-43724.	3.6	13
17	Highly Sensitive ZnO Nanorod- and Nanoprism-Based NO₂ Gas Sensors: Size and Shape Control Using a Continuous Hydrothermal Pilot Plant. Langmuir, 2013, 29, 10603-10609.	3.5	89
18	Synthesis and photocatalytic activity of Zn2SnO4 nanotube arrays. Journal of Materials Chemistry A, 2013, 1, 12981.	10.3	47

#	Article	IF	Citations
19	Phosphate-free synthesis, optical absorption and photoelectric properties of Cu2ZnGeS4 and Cu2ZnGeSe4 uniform nanocrystals. Dalton Transactions, 2013, 42, 13607.	3.3	29
20	Synthesis and Photoelectric Properties of Cu₂ZnGeS₄ and Cu₂ZnGeSe₄ Single-Crystalline Nanowire Arrays. Langmuir, 2013, 29, 8713-8717.	3.5	46
21	Synthesis and Photocatalytic Performance of ZnIn₂S₄ Nanotubes and Nanowires. Langmuir, 2013, 29, 12818-12822.	3.5	76
22	Fabrication of single-crystalline CuInS2 nanowires array via a diethylenetriamine-thermal route. CrystEngComm, 2012, 14, 7217.	2.6	22
23	Synthesis and formation mechanism of helical single-crystalline CuInSe2 nanowires. CrystEngComm, 2011, 13, 7262.	2.6	4
24	Thickness tunable Cu2ZnSnSe4 nanosheets. CrystEngComm, 2011, 13, 6507.	2.6	33
25	Preparation of Band Gap Tunable SnO₂ Nanotubes and Their Ethanol Sensing Properties. Langmuir, 2011, 27, 3977-3981.	3.5	99
26	Template-Directed Synthesis of Ordered Single-Crystalline Nanowires Arrays of Cu₂ZnSnS₄ and Cu₂ZnSnSe₄. Journal of the American Chemical Society, 2011, 133, 10328-10331.	13.7	150
27	Fabrication of Î³-MnO2/Î±-MnO2 hollow core/shell structures and their application to water treatment. Journal of Materials Chemistry, 2011, 21, 16210.	6.7	94
28	Doubleâ€Shelled Mn₂O₃ Hollow Spheres and Their Application in Water Treatment. European Journal of Inorganic Chemistry, 2010, 2010, 1172-1176.	2.0	42
29	Synthesis of GaN Nanorods by a Solid-State Reaction. Journal of Nanomaterials, 2010, 2010, 1-6.	2.7	15
30	Facile Fabrication and Optical Property of Hollow SnO₂Spheres and Their Application in Water Treatment. Langmuir, 2010, 26, 18718-18722.	3.5	94
31	Fabrication of ordered single-crystalline CuInSe2 nanowire arrays. CrystEngComm, 2010, 12, 3882.	2.6	17
32	Ordered arrays of shape tunable CuInS2 nanostructures, from nanotubes to nano test tubes and nanowires. Nanoscale, 2010, 2, 2126.	5.6	35
33	Controlled fabrication of SnO2 arrays of well-aligned nanotubes and nanowires. Nanoscale, 2010, 2, 2104.	5.6	73
34	Shape-Selective Synthesis and Optical Properties of Highly Ordered One-Dimensional ZnS Nanostructures. Crystal Growth and Design, 2009, 9, 2214-2219.	3.0	51
35	Sunlight-assisted fabrication of a hierarchical ZnO nanorod array structure. CrystEngComm, 2009, 11, 2009.	2.6	26
36	Growth and characterization of ZnS porous nanoribbon array constructed by connected nanocrystallities. CrystEngComm, 2009, 11, 2308.	2.6	15

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37	Synthesis and Characterization of Superconducting Nanocrystalline Niobium Nitride. Journal of Nanoscience and Nanotechnology, 2005, 5, 296-299.	0.9	5
38	Single-step synthesis of copper sulfide hollow spheres by a template interface reaction routeElectronic 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