

Suoyuan Lian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2968802/publications.pdf>

Version: 2024-02-01

41
papers

5,800
citations

236612

25
h-index

276539

41
g-index

42
all docs

42
docs citations

42
times ranked

7658
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-soluble Fluorescent Carbon Quantum Dots and Photocatalyst Design. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4430-4434.	7.2	2,258
2	One-step ultrasonic synthesis of water-soluble carbon nanoparticles with excellent photoluminescent properties. <i>Carbon</i> , 2011, 49, 605-609.	5.4	783
3	Carbon quantum dots/Cu ₂ O composites with protruding nanostructures and their highly efficient (near) infrared photocatalytic behavior. <i>Journal of Materials Chemistry</i> , 2012, 22, 17470.	6.7	322
4	Fe ₂ O ₃ /carbon quantum dots complex photocatalysts and their enhanced photocatalytic activity under visible light. <i>Dalton Transactions</i> , 2011, 40, 10822.	1.6	304
5	Near-infrared light controlled photocatalytic activity of carbon quantum dots for highly selective oxidation reaction. <i>Nanoscale</i> , 2013, 5, 3289.	2.8	283
6	Synthesis of magnetite nanorods and porous hematite nanorods. <i>Solid State Communications</i> , 2004, 129, 485-490.	0.9	221
7	Controllable Fabrication of Carbon Nanotube and Nanobelt with a Polyoxometalate-Assisted Mild Hydrothermal Process. <i>Journal of the American Chemical Society</i> , 2005, 127, 6534-6535.	6.6	160
8	One-Step Water-Assisted Synthesis of High-Quality Carbon Nanotubes Directly from Graphite. <i>Journal of the American Chemical Society</i> , 2003, 125, 13652-13653.	6.6	132
9	Convenient synthesis of single crystalline magnetic Fe ₃ O ₄ nanorods. <i>Solid State Communications</i> , 2003, 127, 605-608.	0.9	113
10	Microemulsion-directed synthesis of different CuS nanocrystals. <i>Solid State Communications</i> , 2004, 130, 309-312.	0.9	79
11	Convenient Controllable Synthesis of Inorganic 1D Nanocrystals and 3D High-Ordered Microtubes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 370-376.	1.0	69
12	Shape-controlled synthesis of nanocrystalline titania at low temperature. <i>Solid State Communications</i> , 2004, 130, 789-792.	0.9	64
13	Nanoporous TiO ₂ spheres with narrow pore size distribution and improved visible light photocatalytic abilities. <i>Chemical Communications</i> , 2011, 47, 8025.	2.2	63
14	Synthesis of magnetite octahedrons from iron powders through a mild hydrothermal method. <i>Materials Research Bulletin</i> , 2006, 41, 2226-2231.	2.7	62
15	Shape-controlled synthesis of Cu ₂ O nanocrystals assisted by Triton X-100. <i>Journal of Crystal Growth</i> , 2005, 285, 534-540.	0.7	56
16	Polyoxometalates nanoparticles: synthesis, characterization and carbon nanotube modification. <i>Solid State Communications</i> , 2004, 129, 559-564.	0.9	55
17	Growth of single-crystal magnetite nanowires from Fe ₃ O ₄ nanoparticles in a surfactant-free hydrothermal process. <i>Solid State Communications</i> , 2004, 132, 375-378.	0.9	49
18	Synthesis and characterization of polyoxometalate nanowires based on a novel microemulsion process. <i>Nanotechnology</i> , 2004, 15, 55-58.	1.3	39

#	ARTICLE	IF	CITATIONS
19	Tuning metal@metal salt photocatalytic abilities by different charged anions. Dalton Transactions, 2010, 39, 10593.	1.6	36
20	Surfactant-assisted solvothermal preparation of submicrometer-sized hollow hematite particles and their photocatalytic activity. Materials Research Bulletin, 2006, 41, 1192-1198.	2.7	34
21	Fabrication of single-crystalline Co ₃ O ₄ nanorods via a low-temperature solvothermal process. Materials Letters, 2007, 61, 3893-3896.	1.3	31
22	Template-free synthesis of mesoporous manganese oxides with catalytic activity in the oxygen evolution reaction. Sustainable Energy and Fuels, 2017, 1, 780-788.	2.5	31
23	Physicochemical Property Estimation of an Ionic Liquid Based on Glutamic Acid~BMIGlu. Journal of Chemical & Engineering Data, 2010, 55, 2616-2619.	1.0	29
24	Surfactant-assisted electrochemical method for dendritic silver nanocrystals with advanced structure. Materials Letters, 2005, 59, 2289-2291.	1.3	28
25	Scanning transmission X-ray microscopy, X-ray photoelectron spectroscopy, and cyclic voltammetry study on the enhanced visible photocatalytic mechanism of carbon~TiO ₂ nanohybrids. Applied Surface Science, 2012, 258, 3846-3853.	3.1	26
26	The first example of multilayer films with thermochromic properties. Journal of Solid State Chemistry, 2004, 177, 1776-1779.	1.4	23
27	In situ controllable synthesis of polyoxometalate nanoparticles in polyelectrolyte multilayers Electronic supplementary information (ESI) available: Fig. S1 and S2, discussed in the text. See http://www.rsc.org/suppdata/jm/b3/b301056b/ . Journal of Materials Chemistry, 2003, 13, 647-649.	6.7	22
28	Highly ordered macroporous carbon spheres and their catalytic application for methanol oxidation. Journal of Colloid and Interface Science, 2011, 361, 503-508.	5.0	22
29	One-step solvothermal synthesis of ZnO~carbon composite spheres containing different amounts of carbon and their use as visible light photocatalysts. Solid State Communications, 2013, 155, 53-56.	0.9	19
30	Self-assembly of lacunary Dawson type polyoxometalates and poly(allylamine hydrochloride) multilayer films: photoluminescent and electrochemical behavior. Applied Surface Science, 2005, 242, 199-206.	3.1	18
31	Ultra-small sized Y ₂ O ₃ :Eu ³⁺ nanocrystals: One-step polyoxometalate-assisted synthesis and their photoluminescence properties. Journal of Luminescence, 2012, 132, 2155-2160.	1.5	18
32	Continuous Flow Synthesis of Platinum Nanoparticles in Porous Carbon as Durable and Methanol~Tolerant Electrocatalysts for the Oxygen Reduction Reaction. ChemElectroChem, 2018, 5, 62-70.	1.7	18
33	Hydrogen-terminated silicon nanowire photocatalysis: Benzene oxidation and methyl red decomposition. Materials Research Bulletin, 2011, 46, 2441-2444.	2.7	15
34	Selected synthesis of carbon nanostructures directed by silver nanocrystals. Nanotechnology, 2004, 15, 490-493.	1.3	14
35	Carbon microspheres from ethanol at low temperature: Fabrication, characterization and their use as an electrocatalyst support for methanol oxidation. Materials Research Bulletin, 2012, 47, 3336-3343.	2.7	13
36	Highly ordered three dimensional macroporous carbon spheres and their acid catalytic properties. Solid State Sciences, 2013, 24, 115-119.	1.5	10

#	ARTICLE	IF	CITATIONS
37	Covalent assembly of shortened multiwall carbon nanotubes on polyelectrolyte films and relevant electrochemistry study. <i>Journal of Colloid and Interface Science</i> , 2005, 284, 216-221.	5.0	9
38	Hematite homogeneous core/shell hierarchical spheres: Surfactant-free solvothermal preparation and their improved catalytic property of selective oxidation. <i>Journal of Solid State Chemistry</i> , 2012, 185, 117-123.	1.4	9
39	Photo-controlled redox of hydrogen-terminated silicon nanowire established by the reversible color alteration of methylene blue. <i>Materials Research Bulletin</i> , 2012, 47, 1119-1122.	2.7	8
40	Preparation and photoluminescence study of mesoporous indium hydroxide nanorods. <i>Materials Research Bulletin</i> , 2010, 45, 109-112.	2.7	7
41	One-Step Water-Assisted Synthesis of High-Quality Carbon Nanotubes Directly from Graphite.. <i>ChemInform</i> , 2004, 35, no.	0.1	0