

Shengjun Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	MOFs-derived MoS ₂ /C ₃ N ₄ composites with highly efficient charge separation for photocatalytic H ₂ evolution. <i>Inorganica Chimica Acta</i> , 2022, 533, 120787.	1.2	9
2	Photoinduced Rechargeable Lithium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4071-4078.	4.0	37
3	Concentration-dependent multi-color humic acid-based carbon dots for luminescent polymer composite films. <i>Journal of Materials Science</i> , 2022, 57, 1069-1083.	1.7	9
4	Hollow heterostructure CoS/CdS photocatalysts with enhanced charge transfer for photocatalytic hydrogen production from seawater. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 9220-9229.	3.8	44
5	Two-dimensional coordination polymers with high proton conductivity and ultrafast highly efficient molecular sieving constructed by the structural inductive effect. <i>Dalton Transactions</i> , 2022, 51, 5796-5800.	1.6	4
6	Photo-rechargeable lithium-ion battery: progress and prospects. <i>Science Bulletin</i> , 2022, 67, 1087-1089.	4.3	6
7	Metal-organic frameworks derived TiO ₂ /carbon nitride heterojunction photocatalyst with efficient catalytic performance under visible light. <i>Inorganica Chimica Acta</i> , 2022, 536, 120918.	1.2	18
8	Reversible Ratiometric Electrochemiluminescence Biosensor Based on DNAzyme Regulated Resonance Energy Transfer for Myocardial miRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 7035-7040.	3.2	25
9	Fluorescence enhancement induced by sulfuric acid intercalation on melem-based polymer. <i>Inorganic Chemistry Communication</i> , 2022, 142, 109600.	1.8	0
10	MOF nanosheet-derived carbon-layer-coated CoP/g-C ₃ N ₄ photocatalysts with enhanced charge transfer for efficient photocatalytic H ₂ generation. <i>CrystEngComm</i> , 2022, 24, 5141-5148.	1.3	1
11	A Molecular Dynamics Study into Zeolitic Imidazolate Frameworks-Based Capacitive Deionization Electrodes for Mg ²⁺ Removal and Seawater Desalination. , 2022, , .		0
12	Coal based carbon dots: Recent advances in synthesis, properties, and applications. <i>Nano Select</i> , 2021, 2, 1589-1604.	1.9	24
13	Stable Indium Pyridylcarboxylate Framework with Highly Selective Adsorption of Cationic Dyes and Effective Nitrobenzene Detection. <i>Inorganic Chemistry</i> , 2021, 60, 5232-5239.	1.9	17
14	Zeolitic imidazolate frameworks as capacitive deionization electrodes for water desalination and Cr(VI) adsorption: A molecular simulation study. <i>Applied Surface Science</i> , 2021, 546, 149080.	3.1	27
15	Gram-scale Synthesis of Porous Graphene via Printing Paper Pyrolysis as Supercapacitor Electrodes. <i>Energy Technology</i> , 2021, 9, 2001025.	1.8	4
16	A Multitargeted Electrochemiluminescent Biosensor Coupling DNAzyme with Cascading Amplification for Analyzing Myocardial miRNAs. <i>Analytical Chemistry</i> , 2021, 93, 7516-7522.	3.2	35
17	Molecular Surgery at Microporous MOF for Mesopore Generation and Renovation. <i>Angewandte Chemie</i> , 2021, 133, 14722-14729.	1.6	3
18	Molecular Surgery at Microporous MOF for Mesopore Generation and Renovation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14601-14608.	7.2	48

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19	Efficient Photo-Thermo-Electric Conversion Using Polyoxovanadate in Ionic Liquid for Low-Grade Heat Utilization. <i>ChemSusChem</i> , 2021, 14, 5434-5441.	3.6	6
20	Stimuli-responsive anisotropic actuation of melem-formaldehyde polymer. <i>Materials Horizons</i> , 2020, 7, 149-156.	6.4	13
21	Regulating the Coordination Environment of MOF-Templated Single-Atom Nickel Electrocatalysts for Boosting CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2705-2709.	7.2	404
22	Regulating the Coordination Environment of MOF-Templated Single-Atom Nickel Electrocatalysts for Boosting CO ₂ Reduction. <i>Angewandte Chemie</i> , 2020, 132, 2727-2731.	1.6	110
23	Dual-Function HKUST-1: Templating and Catalyzing Formation of Graphitic Carbon Nitride Quantum Dots Under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21499-21504.	7.2	22
24	Dual-Function HKUST-1: Templating and Catalyzing Formation of Graphitic Carbon Nitride Quantum Dots Under Mild Conditions. <i>Angewandte Chemie</i> , 2020, 132, 21683-21688.	1.6	6
25	A novel amorphous CoSx/NH ₂ -MIL-125 composite for photocatalytic degradation of rhodamine B under visible light. <i>Journal of Materials Science</i> , 2020, 55, 16171-16183.	1.7	19
26	Hierarchically Porous Carbons Derived from Nonporous Coordination Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25211-25220.	4.0	31
27	Field-portable ratiometric fluorescence imaging of dual-color label-free carbon dots for uranyl ions detection with cellphone-based optical platform. <i>Chinese Chemical Letters</i> , 2020, 31, 2925-2928.	4.8	39
28	Combustible ice mimicking behavior of hydrogen-bonded organic framework at ambient condition. <i>Nature Communications</i> , 2020, 11, 3124.	5.8	30
29	Design of metal-organic framework-based photocatalysts for hydrogen generation. <i>Coordination Chemistry Reviews</i> , 2020, 413, 213266.	9.5	106
30	Photo-assisted synthesis of inorganic polyoxovanadate. <i>Dalton Transactions</i> , 2020, 49, 9662-9667.	1.6	3
31	Efficient Solar Evaporation by [Ni(Phen) ₃][V ₁₄ O ₃₄ Cl]Cl Hybrid Semiconductor Confined in Mesoporous Glass. <i>ChemSusChem</i> , 2020, 13, 2945-2951.	3.6	11
32	Two-dimensional graphitic carbon nitride based membranes for separation. <i>Science Bulletin</i> , 2019, 64, 1385-1387.	4.3	4
33	Graphite phase carbon nitride based membrane for selective permeation. <i>Nature Communications</i> , 2019, 10, 2500.	5.8	71
34	Hyperstable chromium(III)/manganese(II) bimetallic wheel clusters with visible photoactivity. <i>Dalton Transactions</i> , 2019, 48, 10669-10675.	1.6	9
35	Imaging-based fluorescent sensing platform for quantitative monitoring and visualizing of fluoride ions with dual-emission quantum dots hybrid. <i>Biosensors and Bioelectronics</i> , 2019, 128, 61-67.	5.3	50
36	Porous Liquid: A Stable ZIF-8 Colloid in Ionic Liquid with Permanent Porosity. <i>Langmuir</i> , 2018, 34, 3654-3660.	1.6	108

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37	Highly Crystalline Carbon Nitride Nanosheets for Ultrahigh Photocatalytic Hydrogen Evolution. <i>ChemPhotoChem</i> , 2018, 2, 490-497.	1.5	15
38	Cascade covalent and coordination bond formation for Ti-based cage assembly: catalysis and coordination bifunctionality of TiCl ₄ . <i>Dalton Transactions</i> , 2018, 47, 3239-3242.	1.6	2
39	Metal-organic frameworks (ZIF-67) as efficient cocatalysts for photocatalytic reduction of CO ₂ : the role of the morphology effect. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4768-4775.	5.2	236
40	Green emission of indium oxide via hydrogen treatment. <i>RSC Advances</i> , 2018, 8, 11828-11833.	1.7	35
41	One-step synthesis of magnetic and porous Ni@MOF-74(Ni) composite. <i>Microporous and Mesoporous Materials</i> , 2018, 259, 178-183.	2.2	38
42	Exfoliating Polyoxometalate-Encapsulating Metal-Organic Framework into Two-Dimensional Nanosheets for Superior Oxidative Desulfurization. <i>ChemCatChem</i> , 2018, 10, 5386-5390.	1.8	28
43	Conductive and Chiral Polymer-Modified Metal-Organic Framework for Enantioselective Adsorption and Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26365-26371.	4.0	54
44	Co ₃ O ₄ nanosheet-built hollow dodecahedrons via a two-step self-templated method and their multifunctional applications. <i>Science China Materials</i> , 2018, 61, 1575-1586.	3.5	20
45	One-Step Synthesis of Dicyanobenzene-Derived Nitrogen-Doped Porous Carbon Monolayers: Porosity and Near-Infrared Photoactivity. <i>ChemCatChem</i> , 2017, 9, 4043-4048.	1.8	8
46	[Ti ₁₂ In ₆ O ₁₈ (OOCCH ₃) ₃₀]: a multifunctional hetero-polyoxotitanate nanocluster with high stability and visible photoactivity. <i>Dalton Transactions</i> , 2017, 46, 678-684.	1.6	31
47	Superficial Chiral Etching on Achiral Metal-Organic Framework for Enantioselective Sorption. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32264-32269.	4.0	20
48	Hydrogen production with ultrahigh efficiency under visible light by graphene well-wrapped UiO-66-NH ₂ octahedrons. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20136-20140.	5.2	68
49	A gigantic polyoxozirconate with visible photoactivity. <i>Dalton Transactions</i> , 2017, 46, 10185-10188.	1.6	10
50	Boosting selective oxidation of cyclohexane over a metal-organic framework by hydrophobicity engineering of pore walls. <i>Chemical Communications</i> , 2017, 53, 10026-10029.	2.2	71
51	Stable Heteropolyoxotitanate Nanocluster for Full Solar Spectrum Photocatalytic Hydrogen Evolution. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18326-18332.	1.5	20
52	A general approach to functional metal oxide nanobelts: thermal decomposition of precursors and interface diffusion growth mechanism. <i>CrystEngComm</i> , 2014, 16, 952-958.	1.3	8
53	In situ loading of Ag nanocontacts onto silica nanospheres: a SERS platform for ultrasensitive detection. <i>RSC Advances</i> , 2014, 4, 2776-2782.	1.7	34
54	Controllable growth of a forest of silver nanowires and their field emission properties. <i>CrystEngComm</i> , 2014, 16, 8646.	1.3	9

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55	Controlled depositing of silver nanoparticles on flexible film and its application in ultrasensitive detection. RSC Advances, 2014, 4, 42358-42363.	1.7	34
56	Multi Variant Surface Mounted Metal-Organic Frameworks. Advanced Functional Materials, 2013, 23, 3790-3798.	7.8	67
57	Morphology control of silver nanostructures via a chemical redox process by mixed amine ligands. CrystEngComm, 2013, 15, 7564.	1.3	4
58	Metal-Organic Framework Thin Films: Crystallite Orientation Dependent Adsorption. Angewandte Chemie - International Edition, 2013, 52, 3402-3405.	7.2	89
59	Metal-organic framework-based devices: separation and sensors. Journal of Materials Chemistry, 2012, 22, 10094.	6.7	169
60	Enantiopure Metal-Organic Framework Thin Films: Oriented SURMOF Growth and Enantioselective Adsorption. Angewandte Chemie - International Edition, 2012, 51, 807-810.	7.2	189
61	Chemistry of SURMOFs: Layer-Selective Installation of Functional Groups and Post-synthetic Covalent Modification Probed by Fluorescence Microscopy. Journal of the American Chemical Society, 2011, 133, 1734-1737.	6.6	122
62	From Metal-Organic Framework to Nanoporous Carbon: Toward a Very High Surface Area and Hydrogen Uptake. Journal of the American Chemical Society, 2011, 133, 11854-11857.	6.6	1,071
63	Liquid-phase epitaxy of metal organic framework thin films. Science China Chemistry, 2011, 54, 1851-1866.	4.2	47
64	Ultrafine Gold Clusters Incorporated into a Metal-Organic Framework. Chemistry - A European Journal, 2011, 17, 78-81.	1.7	97
65	Converting cobalt oxide subunits in cobalt metal-organic framework into agglomerated Co ₃ O ₄ nanoparticles as an electrode material for lithium ion battery. Journal of Power Sources, 2010, 195, 857-861.	4.0	223
66	Metal-organic framework (MOF) as a template for syntheses of nanoporous carbons as electrode materials for supercapacitor. Carbon, 2010, 48, 456-463.	5.4	621
67	Rational Assembly of 10^3 Metal-Organic Frameworks with Helical Nanochannels Based on Flexible V-Shaped Ligand. Crystal Growth and Design, 2010, 10, 806-811.	1.4	88
68	Au@ZIF-8: CO Oxidation over Gold Nanoparticles Deposited to Metal-Organic Framework. Journal of the American Chemical Society, 2009, 131, 11302-11303.	6.6	772
69	Metal-Organic Framework (MOF) as a Precursor for Synthesis of Platinum Supporting Zinc Oxide Nanoparticles. Bulletin of the Chemical Society of Japan, 2009, 82, 1052-1054.	2.0	34
70	catena-Poly[[diaquazinc(II)]- $\frac{1}{4}$ -trans-4,4'-diazenediyl]dibenzoato- $\cdot\frac{1}{4}$ HO, O $\cdot\frac{1}{4}$:O $\cdot\frac{1}{4}$]. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m509-m509.	0.2	2
71	Microporous coordination polymers of cobalt(II) and manganese(II) 2,6-naphthalenedicarboxylate: preparations, structures and gas sorptive and magnetic properties. Microporous and Mesoporous Materials, 2008, 111, 470-477.	2.2	61
72	Metal-Organic Framework as a Template for Porous Carbon Synthesis. Journal of the American Chemical Society, 2008, 130, 5390-5391.	6.6	1,623

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73	Self-Assembly of Two Chiral Supramolecules with Three-Dimensional Porous Host Frameworks: $\hat{A}(\hat{I}^n)\{[Fe(phen)_3][Fe(III)(C_2O_4)_3]\}_n$ and Its Enantiomer. <i>Inorganic Chemistry</i> , 2007, 46, 5823-5825.	1.9	31
74	Self-assembly of chiral porous supra-molecular complex with three-dimensional nano-cage structure filled with guest molecule. <i>Inorganic Chemistry Communication</i> , 2006, 9, 403-406.	1.8	6
75	Synthesis, crystal structure and NMR of $[Na(DB18C6)(CH_3CN)]_3[\hat{I}^\pm-PW12O40]$. <i>Polyhedron</i> , 2005, 24, 2889-2893.	1.0	11
76	Synthesis, crystal structure and NMR of $[Na(DB18C6)(CH_3CN)]_3[\hat{I}^\pm-AsM12O40]$ (M=Mo/W). <i>Inorganic Chemistry Communication</i> , 2005, 8, 1133-1136.	1.8	6
77	Soluble Hybrid Ionic Semiconductor and Its Photovoltaic Effect in Solution. <i>ACS Applied Materials & Interfaces</i> , 0, , .	4.0	2