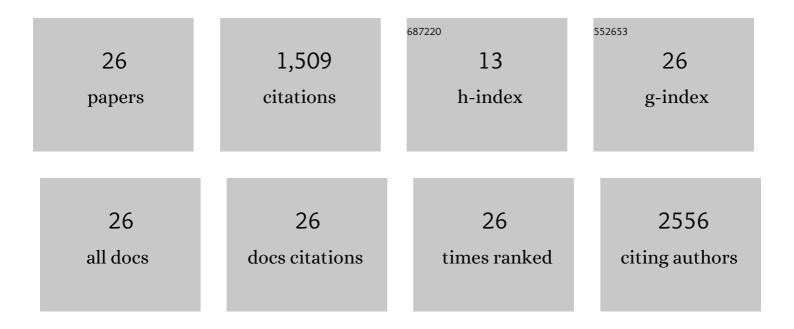
Shuang Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	On the redox property of Ag16Au13 clusters: One-way conversion from anionic [Au13Ag16L24]3â^' to charge neutral [Au13Ag16L24]. Journal of Chemical Physics, 2021, 154, 164308.	1.2	6
2	Butterflyâ€Like Tetranuclear Copper(I) Clusters for Efficient Alkyne Homocoupling Reactions. European Journal of Inorganic Chemistry, 2021, 2021, 392-397.	1.0	10
3	Atomically precise nanoclusters with reversible isomeric transformation for rotary nanomotors. Nature Communications, 2020, 11, 6019.	5.8	60
4	Tuning Gateâ€Opening of a Flexible Metal–Organic Framework for Ternary Gas Sieving Separation. Angewandte Chemie - International Edition, 2020, 59, 22756-22762.	7.2	173
5	Tuning Gateâ€Opening of a Flexible Metal–Organic Framework for Ternary Gas Sieving Separation. Angewandte Chemie, 2020, 132, 22944-22950.	1.6	33
6	Pore engineering of metal–organic frameworks for ethylene purification. Dalton Transactions, 2020, 49, 17093-17105.	1.6	7
7	Pyridine as a trigger in transformation chemistry from Au144(SR)60to aromatic thiolate-ligated gold clusters. Nanoscale, 2020, 12, 4982-4987.	2.8	13
8	Heat capacities and thermodynamic properties of a Zn-based zeolitic imidazolate framework. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3191-3196.	2.0	3
9	Interplay of Tri- and Bidentate Linkers to Evolve Micropore Environment in a Family of Quasi-3D and 3D Porous Coordination Polymers for Highly Selective CO2 Capture. Inorganic Chemistry, 2019, 58, 16241-16249.	1.9	7
10	Determination of heat capacities and thermodynamic properties of Al4(OH)2(OCH3)4(H2N-BDC)3. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3233-3239.	2.0	1
11	Fabrication of palladium-copper nanoparticles with controllable size and chemical composition. Journal of Colloid and Interface Science, 2018, 526, 201-206.	5.0	7
12	The Applications of Metalâ^'Organic Frameworks in Electrochemical Sensors. ChemElectroChem, 2018, 5, 6-19.	1.7	301
13	Improved CO2 capture and separation performances of a Cr-based metal–organic framework induced by post-synthesis modification of amine groups. Polyhedron, 2018, 156, 195-199.	1.0	6
14	Heat capacities and thermodynamic properties of Cr-MIL-101. Journal of Thermal Analysis and Calorimetry, 2017, 129, 509-514.	2.0	14
15	Bio-inspired Construction of Advanced Fuel Cell Cathode with Pt Anchored in Ordered Hybrid Polymer Matrix. Scientific Reports, 2015, 5, 16100.	1.6	48
16	Improved dehydrogenation/rehydrogenation performance of LiBH4 by doping mesoporous Fe2O3 or/and TiF3. Journal of Thermal Analysis and Calorimetry, 2013, 112, 1407-1414.	2.0	8
17	Heat capacities and thermodynamic properties of a 3D Cu(II) supramolecular complex. Journal of Thermal Analysis and Calorimetry, 2013, 112, 1565-1571.	2.0	1
18	Heat capacities and thermodynamic properties of Co(3,5-PDC)(H2O). Journal of Thermal Analysis and Calorimetry, 2013, 112, 1579-1585.	2.0	8

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#	Article	IF	CITATIONS
19	Syntheses, structures and chemical sensing properties of three complexes with mixed ligands of carboxylate and bipyridine. Dalton Transactions, 2013, 42, 1346-1351.	1.6	4
20	Nanosized Cu-MOFs induced by graphene oxide and enhanced gas storage capacity. Energy and Environmental Science, 2013, 6, 818.	15.6	248
21	Adjustable structure transition and improved gases (H2, CO2) adsorption property of metal–organic framework MIL-53 by encapsulation of BNHx. Dalton Transactions, 2012, 41, 3119.	1.6	16
22	Mesoporous metal–organic frameworks: design and applications. Energy and Environmental Science, 2012, 5, 7508.	15.6	203
23	Significantly improved dehydrogenation of LiAlH4 destabilized by K2TiF6. International Journal of Hydrogen Energy, 2012, 37, 3261-3267.	3.8	57
24	Thermodynamics study of hydrogen storage materials. Journal of Chemical Thermodynamics, 2012, 46, 86-93.	1.0	24
25	High and selective CO2 uptake, H2 storage and methanol sensing on the amine-decorated 12-connected MOF CAU-1. Energy and Environmental Science, 2011, 4, 4522.	15.6	229
26	Rhodium Supported on Silica-Stabilized Alumina for Catalytic Decomposition of N2O. Catalysis Letters, 2011, 141, 128-135.	1.4	22