

Jie Su

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

4,268
citations

27
h-index

65
g-index

99
ext. papers

5,022
ext. citations

7.7
avg, IF

5.31
L-index

#	Paper	IF	Citations
86	Single-crystal x-ray diffraction structures of covalent organic frameworks. <i>Science</i> , 2018 , 361, 48-52	33.3	521
85	Stable metal-organic frameworks containing single-molecule traps for enzyme encapsulation. <i>Nature Communications</i> , 2015 , 6, 5979	17.4	422
84	Single-crystal structure of a covalent organic framework. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16336-9	16.4	277
83	A series of highly stable mesoporous metalloporphyrin Fe-MOFs. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13983-6	16.4	274
82	A highly stable zeotype mesoporous zirconium metal-organic framework with ultralarge pores. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 149-54	16.4	218
81	Three-dimensional rotation electron diffraction: software for automated data collection and data processing. <i>Journal of Applied Crystallography</i> , 2013 , 46, 1863-1873	3.8	208
80	A Base-Resistant Metalloporphyrin Metal-Organic Framework for C-H Bond Halogenation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 211-217	16.4	190
79	Piezofluorochromic Metal-Organic Framework: A Microscissor Lift. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10064-7	16.4	184
78	[TiZrO(COO)] Cluster: An Ideal Inorganic Building Unit for Photoactive Metal-Organic Frameworks. <i>ACS Central Science</i> , 2018 , 4, 105-111	16.8	148
77	A zeolite family with expanding structural complexity and embedded isorecticular structures. <i>Nature</i> , 2015 , 524, 74-8	50.4	126
76	Stable alkali metal ion intercalation compounds as optimized metal oxide nanowire cathodes for lithium batteries. <i>Nano Letters</i> , 2015 , 15, 2180-5	11.5	124
75	A series of isostructural mesoporous metal-organic frameworks obtained by ion-exchange induced single-crystal to single-crystal transformation. <i>Dalton Transactions</i> , 2012 , 41, 3953-5	4.3	117
74	Series of Highly Stable Isorecticular Lanthanide Metal-Organic Frameworks with Expanding Pore Size and Tunable Luminescent Properties. <i>Chemistry of Materials</i> , 2015 , 27, 5332-5339	9.6	112
73	Unprecedented Topological Complexity in a Metal-Organic Framework Constructed from Simple Building Units. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1970-6	16.4	105
72	Framework Isomerism in Vanadium Metal-Organic Frameworks: MIL-88B(V) and MIL-101(V). <i>Crystal Growth and Design</i> , 2013 , 13, 5036-5044	3.5	74
71	Endohedral Metallofullerene as Molecular High Spin Qubit: Diverse Rabi Cycles in Gd@CN. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1123-1130	16.4	70
70	Interpenetrated metal-organic frameworks and their uptake of CO ₂ at relatively low pressures. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10345		64

69	Selective Heterogeneous C-H Activation/Halogenation Reactions Catalyzed by Pd@MOF Nanocomposites. <i>Chemistry - A European Journal</i> , 2016 , 22, 3729-37	4.8	61
68	Double-Supported Silica-Metal-Organic Framework Palladium Nanocatalyst for the Aerobic Oxidation of Alcohols under Batch and Continuous Flow Regimes. <i>ACS Catalysis</i> , 2015 , 5, 472-479	13.1	60
67	Structure analysis of zeolites by rotation electron diffraction (RED). <i>Microporous and Mesoporous Materials</i> , 2014 , 189, 115-125	5.3	49
66	Highly efficient phenothiazine 5,5-dioxide-based hole transport materials for planar perovskite solar cells with a PCE exceeding 20%. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9510-9516	13	46
65	PKU-9: an aluminogermanate with a new three-dimensional zeolite framework constructed from CGS layers and spiro-5 units. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6080-1	16.4	45
64	Syntheses, structures and magnetic properties of Mn(II), Co(II) and Ni(II) metal-organic frameworks constructed from 1,3,5-benzenetricarboxylate and formate ligands. <i>Inorganica Chimica Acta</i> , 2010 , 363, 645-652	2.7	40
63	A Family of Flexible Lanthanide Bipyridinedicarboxylate Metal-Organic Frameworks Showing Reversible Single-Crystal to Single-Crystal Transformations. <i>Crystal Growth and Design</i> , 2012 , 12, 3243-3249	3.5	39
62	PKU-3: An HCl-Inclusive Aluminoborate for Strecker Reaction Solved by Combining RED and PXRD. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7047-50	16.4	32
61	Carbonate-based zeolitic imidazolate framework for highly selective CO ₂ capture. <i>Inorganic Chemistry</i> , 2015 , 54, 1816-21	5.1	32
60	A Highly Stable Zeotype Mesoporous Zirconium Metal-Organic Framework with Ultralarge Pores. <i>Angewandte Chemie</i> , 2015 , 127, 151-156	3.6	29
59	A highly porous metal-organic framework for large organic molecule capture and chromatographic separation. <i>Chemical Communications</i> , 2017 , 53, 3434-3437	5.8	27
58	Superconductivity in the half-Heusler compound TbPdBi. <i>Physical Review B</i> , 2018 , 97,	3.3	27
57	A Crystalline Mesoporous Germanate with 48-Ring Channels for CO ₂ Separation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7290-4	16.4	24
56	A silicogermanate with 20-ring channels directed by a simple quaternary ammonium cation. <i>Dalton Transactions</i> , 2013 , 42, 1360-3	4.3	23
55	On the structure of BiFeO ₃ . <i>Inorganic Chemistry</i> , 2013 , 52, 2388-92	5.1	23
54	Ultra-small mesoporous silica nanoparticles as efficient carriers for pH responsive releases of anti-cancer drugs. <i>Dalton Transactions</i> , 2015 , 44, 20186-92	4.3	22
53	Syntheses, Structures, and Gas Adsorption Properties of Two Novel Cadmium-Bismuth Organic Frameworks with 1,3,5-Benzenetricarboxylate Ligands. <i>Crystal Growth and Design</i> , 2011 , 11, 3529-3535	3.5	22
52	New series of indium formates: hydrothermal synthesis, structure and coordination modes. <i>Inorganic Chemistry</i> , 2007 , 46, 8403-9	5.1	22

51	CHA-type zeolites with high boron content: Synthesis, structure and selective adsorption properties. <i>Microporous and Mesoporous Materials</i> , 2014 , 194, 97-105	5.3	21
50	Controllable self-growth of a hydrogel with multiple membranes. <i>RSC Advances</i> , 2013 , 3, 15237	3.7	20
49	Phase identification and structure determination from multiphase crystalline powder samples by rotation electron diffraction. <i>Journal of Applied Crystallography</i> , 2014 , 47, 2048-2054	3.8	20
48	Facile one-step solvothermal synthesis of a luminescent europium metal-organic framework for rapid and selective sensing of uranyl ions. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4213-4220	4.4	18
47	Multidimensional Disorder in Zeolite IM-18 Revealed by Combining Transmission Electron Microscopy and X-ray Powder Diffraction Analyses. <i>Crystal Growth and Design</i> , 2018 , 18, 2441-2451	3.5	18
46	Syntheses, Structures, and Structural Transformations of Mixed Na(I) and Zn(II) Metal-Organic Frameworks with 1,3,5-Benzenetricarboxylate Ligands. <i>Crystal Growth and Design</i> , 2011 , 11, 2243-2249	3.5	18
45	Narrow-band blue emitting nitridomagnesiumsilicate phosphor SrMgSiN:Eu for phosphor-converted LEDs. <i>Chemical Communications</i> , 2018 , 54, 11598-11601	5.8	18
44	A 3D 12-ring zeolite with ordered 4-ring vacancies occupied by (H ₂ O) ₂ dimers. <i>Chemistry - A European Journal</i> , 2014 , 20, 16097-101	4.8	16
43	PKU-10: a new 3D open-framework germanate with 13-ring channels. <i>Inorganic Chemistry</i> , 2010 , 49, 9765-9	5.9	16
42	Transmission electron microscopy as an important tool for characterization of zeolite structures. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2836-2855	6.8	16
41	Ag@WS quantum dots for Surface Enhanced Raman Spectroscopy: Enhanced charge transfer induced highly sensitive detection of thiram from honey and beverages. <i>Food Chemistry</i> , 2021 , 344, 128570	8.5	15
40	Al-rich region of AlBt. <i>Journal of Alloys and Compounds</i> , 2013 , 580, 618-625	5.7	14
39	Concise Synthesis of Open-Cage Fullerenes for Oxygen Delivery. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17690-17694	16.4	13
38	Ab initio structure determination of interlayer expanded zeolites by single crystal rotation electron diffraction. <i>Dalton Transactions</i> , 2014 , 43, 10593-601	4.3	13
37	Effective regioselective protection of amino groups of lysine achieved by a supramolecular enzyme-mimic approach. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 9319-24	3.9	13
36	A multi-dimensional quasi-zeolite with 12 × 10 × 7-ring channels demonstrates high thermal stability and good gas adsorption selectivity. <i>Chemical Science</i> , 2016 , 7, 3025-3030	9.4	11
35	High-Throughput Synthesis and Structure of Zeolite ZSM-43 with Two-Directional 8-Ring Channels. <i>Inorganic Chemistry</i> , 2017 , 56, 8856-8864	5.1	11
34	Study on the crystal structure of the rare earth oxyborate Yb ₂ B ₆ O ₁₇ from powder X-ray and neutron diffraction. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 4707-4713	5.7	10

33	Synthesis of an open-cage fullerene-based unidirectional H-bonding network and its coordination with titanium. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1397-1402	5.2	9
32	Dy@CN: a new member of dimetalloazafullerenes with strong single molecular magnetism. <i>Nanoscale</i> , 2020 , 12, 11130-11135	7.7	9
31	SUMOF-5: a mesoporous metal-organic framework with the tbo topology built from the dicopper paddle-wheel cluster and a new tritopic linker. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2013 , 228, 323-329	1	8
30	Synergistic Lewis acid-base sites of ultrathin porous Co ₃ O ₄ nanosheets with enhanced peroxidase-like activity. <i>Nano Research</i> , 2021 , 14, 3514-3522	10	8
29	Single-Crystal Study of a Low Spin Co(II) Molecular Qubit: Observation of Anisotropic Rabi Cycles. <i>Inorganic Chemistry</i> , 2019 , 58, 2330-2335	5.1	7
28	A strategy of utilizing Cu-mediating interaction to prepare magnetic imprinted polymers for the selective detection of celastrol in traditional Chinese medicines. <i>Talanta</i> , 2021 , 231, 122339	6.2	7
27	Concise Synthesis of Open-Cage Fullerenes for Oxygen Delivery. <i>Angewandte Chemie</i> , 2019 , 131, 17854-17858	3.7	6
26	CO ₂ selective NaMg-CTS-1 and its structural formation from the titanium silicate based molecule sieve NaMg-ETS-4. <i>Microporous and Mesoporous Materials</i> , 2014 , 198, 63-73	5.3	6
25	A Crystalline Mesoporous Germanate with 48-Ring Channels for CO ₂ Separation. <i>Angewandte Chemie</i> , 2015 , 127, 7398-7402	3.6	6
24	Synthesis and Structure of a Layered Fluoroaluminophosphate and Its Transformation to a Three-Dimensional Zeotype Framework. <i>Inorganic Chemistry</i> , 2018 , 57, 11753-11760	5.1	6
23	Light-Driven Crawling of Molecular Crystals by Phase-Dependent Transient Elastic Lattice Deformation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10337-10342	16.4	5
22	Hydrophilic molecularly imprinted polymers functionalized magnetic carbon nanotubes for selective extraction of cyclic adenosine monophosphate from winter jujube. <i>Journal of Separation Science</i> , 2021 , 44, 2131-2142	3.4	5
21	Suppressed Dissolution and Enhanced Desolvation in Core-Shell MoO ₃ @TiO ₂ Nanorods as a High-Rate and Long-Life Anode Material for Proton Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 200157	21.8	5
20	An NHC-CuCl functionalized metal-organic framework for catalyzing the boronation of α -unsaturated carbonyl compounds. <i>Dalton Transactions</i> , 2019 , 48, 5144-5148	4.3	4
19	Selective Addition of Palladium on the Rim of Open-Cage Fullerenes To Form Mononuclear and Dinuclear Complexes. <i>Organometallics</i> , 2019 , 38, 3139-3143	3.8	4
18	SU-79: a novel germanate with 3D 10- and 11-ring channels templated by a square-planar nickel complex. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 278-283	6.8	4
17	Interrupted silicogermanate with 10-ring channels: synthesis and structure determination by combining rotation electron diffraction and powder X-ray diffraction. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1654-1659	6.8	4
16	Cu(II)-triggered release of paclitaxel from a supramolecular complex. <i>Supramolecular Chemistry</i> , 2013 , 25, 302-309	1.8	4

15	PKU-20: A new silicogermanate constructed from sti and asv layers. <i>Microporous and Mesoporous Materials</i> , 2016 , 224, 384-391	5.3	4
14	Syntheses, structure solutions, and catalytic performance of two novel layered silicates. <i>Dalton Transactions</i> , 2015 , 44, 15567-75	4.3	3
13	Light-responsive drug carrier vesicles assembled by cinnamic acid-based peptide. <i>Colloid and Polymer Science</i> , 2013 , 291, 2639-2646	2.4	3
12	Selection of Amino Acids and the Biomimetic Synthesis of Amido Bond in the Presence of ECD. <i>Synthetic Communications</i> , 2014 , 44, 1111-1121	1.7	3
11	Synthesis of Open-Cage [60]Fullerenes with Five Carbonyl Groups on the Rim of the 15-Membered Orifice. <i>ChemPlusChem</i> , 2019 , 84, 608-612	2.8	1
10	Synthesis, structure and magnetic property of a new nickel (II) 1,4-benzenedicarboxylate. <i>Journal of Molecular Structure</i> , 2012 , 1010, 184-189	3.4	1
9	New double formates Na ₃ M(HCOO) ₆ (M = Ga, In) with diamond-like metal framework: Synthesis, structure and coordination modes. <i>Journal of Molecular Structure</i> , 2009 , 937, 39-43	3.4	1
8	A series of microporous and robust Ln-MOFs showing luminescence properties and catalytic performances towards Knoevenagel reactions. <i>Dalton Transactions</i> , 2021 , 50, 17785-17791	4.3	1
7	Synthesis of Open-Cage Fullerenes with Pyrrole, Pyrrolone, Pyridinone, Iminofuran, and Pyranone Fragments Embedded on the Rim of the Orifice. <i>European Journal of Organic Chemistry</i> ,	3.2	1
6	Light-Driven Crawling of Molecular Crystals by Phase-Dependent Transient Elastic Lattice Deformation. <i>Angewandte Chemie</i> , 2020 , 132, 10423-10428	3.6	0
5	Preparation of Extended fullerene derivatives through addition of phenylenediamine to open-cage fullerene derivatives. <i>Organic Chemistry Frontiers</i> , 2022 , 9, 320-328	5.2	0
4	PKU-21: A Novel Layered Germanate Built from Ge and Ge Clusters for CO Separation. <i>Chemistry - A European Journal</i> , 2017 , 23, 17879-17884	4.8	
3	Synthesis of Open-Cage Fullerenes with a Long Tail. <i>Organic Materials</i> , 2020 , 02, 282-287	1.9	
2	Selective Nitration of Open-Cage [60]Fullerene Derivatives by Ponzio Reaction. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4288-4292	3.2	
1	Structure determination of a disordered, complex zeolite by combining rotation electron diffraction and HRTEM 2016 , 694-695		