

# Jie Su

## List of Publications by Year in descending order

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90  
papers

5,892  
citations

168829

31  
h-index

81351

76  
g-index

99  
all docs

99  
docs citations

99  
times ranked

8947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of $\beta$ -extended fullerene derivatives through addition of phenylenediamine to open-cage fullerene derivatives. <i>Organic Chemistry Frontiers</i> , 2022, 9, 320-328.	2.3	5
2	Titelbild: Highly Efficient Multiphoton Absorption of Zinc-Aluminum Metal-Organic Frameworks ( <i>Angew. Chem.</i> )	1.6	0
3	Highly Efficient Multiphoton Absorption of Zinc-Aluminum Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
4	Bimetallic Bi-Sn microspheres as high initial coulombic efficiency and long lifespan anodes for sodium-ion batteries. <i>Chemical Communications</i> , 2022, 58, 5140-5143.	2.2	15
5	Suppressed Dissolution and Enhanced Desolvation in Core-Shell $\text{MoO}_3/\text{TiO}_2$ Nanorods as a High-Rate and Long-Life Anode Material for Proton Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	44
6	Highly Effective Photocatalytic Radical Reactions Triggered by a Photoactive Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 23518-23526.	4.0	19
7	Dynamic SPME-SERS Induced by Electric Field: Toward In Situ Monitoring of Pharmaceuticals and Personal Care Products. <i>Analytical Chemistry</i> , 2022, 94, 9270-9277.	3.2	9
8	$\text{Ag}@WS_2$ 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.	4.2	25
9	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.	1.3	14
10	Selective Nitration of Open-Cage [60]Fullerene Derivatives by Ponzio Reaction. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4288-4292.	1.2	1
11	Synergistic Lewis acid-base sites of ultrathin porous $\text{Co}_3\text{O}_4$ nanosheets with enhanced peroxidase-like activity. <i>Nano Research</i> , 2021, 14, 3514-3522.	5.8	45
12	A strategy of utilizing $\text{Cu}^{2+}$ -mediating interaction to prepare magnetic imprinted polymers for the selective detection of celastrol in traditional Chinese medicines. <i>Talanta</i> , 2021, 231, 122339.	2.9	25
13	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.	1.6	6
14	$\text{Dy}_2@\text{C}_{79}\text{N}$ : a new member of dimetalloazafullerenes with strong single molecular magnetism. <i>Nanoscale</i> , 2020, 12, 11130-11135.	2.8	28
15	Light-Driven Crawling of Molecular Crystals by Phase-Dependent Transient Elastic Lattice Deformation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10337-10342.	7.2	10
16	Light-Driven Crawling of Molecular Crystals by Phase-Dependent Transient Elastic Lattice Deformation. <i>Angewandte Chemie</i> , 2020, 132, 10423-10428.	1.6	1
17	Synthesis of Open-Cage Fullerenes with a Long Tail. <i>Organic Materials</i> , 2020, 02, 282-287.	1.0	0
18	Selective Addition of Palladium on the Rim of Open-Cage Fullerenes To Form Mononuclear and Dinuclear Complexes. <i>Organometallics</i> , 2019, 38, 3139-3143.	1.1	8

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19	Concise Synthesis of Openâ€Cage Fullerenes for Oxygen Delivery. <i>Angewandte Chemie</i> , 2019, 131, 17854-17858.	1.6	12
20	Concise Synthesis of Openâ€Cage Fullerenes for Oxygen Delivery. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17690-17694.	7.2	31
21	Synthesis of Openâ€Cage [60]Fullerenes with Five Carbonyl Groups on the Rim of the 15â€Membered Orifice. <i>ChemPlusChem</i> , 2019, 84, 608-612.	1.3	1
22	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.	1.9	30
23	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.	5.2	60
24	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.	2.3	18
25	An NHC-CuCl functionalized metalâ€organic framework for catalyzing $\hat{I}^2$ -boration of $\hat{I}^2$ -unsaturated carbonyl compounds. <i>Dalton Transactions</i> , 2019, 48, 5144-5148.	1.6	7
26	Single-Crystal Study of a Low Spin Co(II) Molecular Qubit: Observation of Anisotropic Rabi Cycles. <i>Inorganic Chemistry</i> , 2019, 58, 2330-2335.	1.9	19
27	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.	1.4	30
28	Endohedral Metallofullerene as Molecular High Spin Qubit: Diverse Rabi Cycles in $Gd_{2}@C_{79}N$ . <i>Journal of the American Chemical Society</i> , 2018, 140, 1123-1130.	6.6	100
29	$[Ti_{8}Zr_{2}O_{12}(COO)_{16}]$ Cluster: An Ideal Inorganic Building Unit for Photoactive Metalâ€Organic Frameworks. <i>ACS Central Science</i> , 2018, 4, 105-111.	5.3	204
30	Transmission electron microscopy as an important tool for characterization of zeolite structures. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2836-2855.	3.0	29
31	Narrow-band blue emitting nitridomagnesosilicate phosphor $Sr_{8}Mg_{7}Si_{9}N_{22}:Eu^{2+}$ for phosphor-converted LEDs. <i>Chemical Communications</i> , 2018, 54, 11598-11601.	2.2	23
32	Synthesis and Structure of a Layered Fluoroaluminophosphate and Its Transformation to a Three-Dimensional Zeotype Framework. <i>Inorganic Chemistry</i> , 2018, 57, 11753-11760.	1.9	7
33	Single-crystal x-ray diffraction structures of covalent organic frameworks. <i>Science</i> , 2018, 361, 48-52.	6.0	868
34	Superconductivity in the half-Heusler compound TbPdBi. <i>Physical Review B</i> , 2018, 97, .	1.1	50
35	A highly porous metalâ€organic framework for large organic molecule capture and chromatographic separation. <i>Chemical Communications</i> , 2017, 53, 3434-3437.	2.2	31
36	A Base-Resistant Metalloporphyrin Metalâ€Organic Framework for Câ€H Bond Halogenation. <i>Journal of the American Chemical Society</i> , 2017, 139, 211-217.	6.6	250

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37	High-Throughput Synthesis and Structure of Zeolite ZSM-43 with Two-Directional 8-Ring Channels. <i>Inorganic Chemistry</i> , 2017, 56, 8856-8864.	1.9	15
38	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.	3.0	4
39	PKU-21: A Novel Layered Germanate Built from Ge <sub>7</sub> and Ge <sub>10</sub> Clusters for CO <sub>2</sub> Separation. <i>Chemistry - A European Journal</i> , 2017, 23, 17879-17884.	1.7	0
40	PKU-20: A new silicogermanate constructed from sti and asv layers. <i>Microporous and Mesoporous Materials</i> , 2016, 224, 384-391.	2.2	5
41	A multi-dimensional quasi-zeolite with 12 Å–10 Å–7-ring channels demonstrates high thermal stability and good gas adsorption selectivity. <i>Chemical Science</i> , 2016, 7, 3025-3030.	3.7	12
42	Unprecedented Topological Complexity in a Metal-Organic Framework Constructed from Simple Building Units. <i>Journal of the American Chemical Society</i> , 2016, 138, 1970-1976.	6.6	155
43	Selective Heterogeneous C-H Activation/Halogenation Reactions Catalyzed by Pd@MOF Nanocomposites. <i>Chemistry - A European Journal</i> , 2016, 22, 3729-3737.	1.7	71
44	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, 7047-7050.	6.6	33
45	Stable Alkali Metal Ion Intercalation Compounds as Optimized Metal Oxide Nanowire Cathodes for Lithium Batteries. <i>Nano Letters</i> , 2015, 15, 2180-2185.	4.5	160
46	Carbonate-Based Zeolitic Imidazolate Framework for Highly Selective CO <sub>2</sub> Capture. <i>Inorganic Chemistry</i> , 2015, 54, 1816-1821.	1.9	52
47	Stable metal-organic frameworks containing single-molecule traps for enzyme encapsulation. <i>Nature Communications</i> , 2015, 6, 5979.	5.8	540
48	Piezofluorochromic Metal-Organic Framework: A Microscissor Lift. <i>Journal of the American Chemical Society</i> , 2015, 137, 10064-10067.	6.6	218
49	Syntheses, structure solutions, and catalytic performance of two novel layered silicates. <i>Dalton Transactions</i> , 2015, 44, 15567-15575.	1.6	3
50	Series of Highly Stable Isoreticular Lanthanide Metal-Organic Frameworks with Expanding Pore Size and Tunable Luminescent Properties. <i>Chemistry of Materials</i> , 2015, 27, 5332-5339.	3.2	146
51	A zeolite family with expanding structural complexity and embedded isoreticular structures. <i>Nature</i> , 2015, 524, 74-78.	13.7	167
52	Ultra-small mesoporous silica nanoparticles as efficient carriers for pH responsive releases of anti-cancer drugs. <i>Dalton Transactions</i> , 2015, 44, 20186-20192.	1.6	27
53	A Crystalline Mesoporous Germanate with 48-Ring Channels for CO <sub>2</sub> Separation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7290-7294.	7.2	26
54	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.	5.5	67

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55	A Highly Stable Zeotype Mesoporous Zirconium Metal-Organic Framework with Ultralarge Pores. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 149-154.	7.2	258
56	A 3D 12-Ring Zeolite with Ordered 4-Ring Vacancies Occupied by (H <sub>2</sub> O) <sub>2</sub> Dimers. <i>Chemistry - A European Journal</i> , 2014, 20, 16097-16101.	1.7	17
57	Phase identification and structure determination from multiphase crystalline powder samples by rotation electron diffraction. <i>Journal of Applied Crystallography</i> , 2014, 47, 2048-2054.	1.9	25
58	Selection of Amino Acids and the Biomimetic Synthesis of Amido Bond in the Presence of $\beta$ -CD. <i>Synthetic Communications</i> , 2014, 44, 1111-1121.	1.1	3
59	CHA-type zeolites with high boron content: Synthesis, structure and selective adsorption properties. <i>Microporous and Mesoporous Materials</i> , 2014, 194, 97-105.	2.2	24
60	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.	3.0	6
61	Ab initio structure determination of interlayer expanded zeolites by single crystal rotation electron diffraction. <i>Dalton Transactions</i> , 2014, 43, 10593-10601.	1.6	13
62	CO <sub>2</sub> 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.	2.2	7
63	A Series of Highly Stable Mesoporous Metalloporphyrin Fe-MOFs. <i>Journal of the American Chemical Society</i> , 2014, 136, 13983-13986.	6.6	363
64	Structure analysis of zeolites by rotation electron diffraction (RED). <i>Microporous and Mesoporous Materials</i> , 2014, 189, 115-125.	2.2	57
65	Al-rich region of Al <sub>2</sub> Pt. <i>Journal of Alloys and Compounds</i> , 2013, 580, 618-625.	2.8	19
66	Controllable self-growth of a hydrogel with multiple membranes. <i>RSC Advances</i> , 2013, 3, 15237.	1.7	24
67	Light-responsive drug carrier vesicles assembled by cinnamic acid-based peptide. <i>Colloid and Polymer Science</i> , 2013, 291, 2639-2646.	1.0	3
68	Framework Isomerism in Vanadium Metal-Organic Frameworks: MIL-88B(V) and MIL-101(V). <i>Crystal Growth and Design</i> , 2013, 13, 5036-5044.	1.4	100
69	Single-Crystal Structure of a Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 16336-16339.	6.6	392
70	A silicogermanate with 20-ring channels directed by a simple quaternary ammonium cation. <i>Dalton Transactions</i> , 2013, 42, 1360-1363.	1.6	27
71	Three-dimensional rotation electron diffraction: software RED for automated data collection and data processing. <i>Journal of Applied Crystallography</i> , 2013, 46, 1863-1873.	1.9	264
72	On the Structure of $\beta$ -BiFeO <sub>3</sub> . <i>Inorganic Chemistry</i> , 2013, 52, 2388-2392.	1.9	30

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73	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.	0.4	9
74	Cu(II)-triggered release of paclitaxel from a supramolecular complex. <i>Supramolecular Chemistry</i> , 2013, 25, 302-309.	1.5	4
75	Effective regioselective protection of amino groups of lysine achieved by a supramolecular enzyme-mimic approach. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9319.	1.5	15
76	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.	1.4	42
77	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.	1.6	127
78	Interpenetrated metal-organic frameworks and their uptake of CO <sub>2</sub> at relatively low pressures. <i>Journal of Materials Chemistry</i> , 2012, 22, 10345.	6.7	73
79	Synthesis, structure and magnetic property of a new nickel (II) 1,4-benzenedicarboxylate. <i>Journal of Molecular Structure</i> , 2012, 1010, 184-189.	1.8	1
80	Syntheses, Structures, and Gas Adsorption Properties of Two Novel Cadmium-Sodium Organic Frameworks with 1,3,5-Benzenetricarboxylate Ligands. <i>Crystal Growth and Design</i> , 2011, 11, 3529-3535.	1.4	27
81	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.	1.4	18
82	Study on the crystal structure of the rare earth oxyborate Yb <sub>2</sub> B <sub>12</sub> O <sub>57</sub> from powder X-ray and neutron diffraction. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4707-4713.	2.8	11
83	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.	1.2	46
84	PKU-10: A New 3D Open-Framework Germanate with 13-Ring Channels. <i>Inorganic Chemistry</i> , 2010, 49, 9765-9769.	1.9	18
85	Syntheses, Structures and Properties of Hemi-Hydrogarnet Sr <sub>6</sub> Sb <sub>4</sub> M <sub>3</sub> O <sub>14</sub> (OH) <sub>10</sub> (M=Co,Mn). <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2010, 26, 1823-1831.		
86	New double formates Na <sub>3</sub> M(HCOO) <sub>6</sub> (M=Ga, In) with diamond-like metal framework: Synthesis, structure and coordination modes. <i>Journal of Molecular Structure</i> , 2009, 937, 39-43.	1.8	1
87	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, 6080-6081.	6.6	47
88	New Series of Indium Formates: Hydrothermal Synthesis, Structure and Coordination Modes. <i>Inorganic Chemistry</i> , 2007, 46, 8403-8409.	1.9	22
89	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> , 0, , .	1.2	3
90	Highly Efficient Multiphoton Absorption of Zinc-Al Eigen Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 0, , .	1.6	0