

Junliang Sun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tailoring the Pore Surface of 3D Covalent Organic Frameworks via Post-synthetic Click Chemistry. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	11
2	Tailoring the Pore Surface of 3D Covalent Organic Frameworks via Post-synthetic Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	44
3	SCM-25: A Zeolite with Ordered Meso-cavities Interconnected by 12-Å-10-Ring Channels Determined by 3D Electron Diffraction. <i>Inorganic Chemistry</i> , 2022, 61, 4371-4377.	4.0	5
4	A general method for searching for homometric structures. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2022, 78, 14-19.	1.1	1
5	Crystal structure and optical performance analysis of a new type of persistent luminescence material with multi-functional application prospects. <i>Journal of Energy Chemistry</i> , 2022, 69, 150-160.	12.9	9
6	Synthesis of crystalline WS ₃ with a layered structure and desert-rose-like morphology. <i>Nanoscale Advances</i> , 2022, 4, 1626-1631.	4.6	2
7	Accurate structure determination of nanocrystals by continuous precession electron diffraction tomography. <i>Science China Materials</i> , 2022, 65, 1417-1420.	6.3	3
8	Design and Synthesis of a Zeolitic Organic Framework**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
9	Achieving ultrahigh electrochemical performance by surface design and nanoconfined water manipulation. <i>National Science Review</i> , 2022, 9, .	9.5	9
10	Synthesis, Structure and Superconducting Properties of Ba _{1-x} Lax/4K _{3x/4} (Bi _{0.25} Pb _{0.75})O ₃ - Perovskites. <i>Physica C: Superconductivity and Its Applications</i> , 2022, 598, 1354075.	1.2	0
11	Borates as a new direction in the design of oxide ion conductors. <i>Science China Materials</i> , 2022, 65, 2737-2745.	6.3	8
12	Atomic-resolution structures from polycrystalline covalent organic frameworks with enhanced cryo-cRED. <i>Nature Communications</i> , 2022, 13, .	12.8	10
13	HPM-4: A New Germanosilicate Zeolite with Interconnected Extra-Large Pores Plus Odd-Membered and Small Pores**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3438-3442.	13.8	15
14	Atomically precise single-crystal structures of electrically conducting 2D metal-organic frameworks. <i>Nature Materials</i> , 2021, 20, 222-228.	27.5	239
15	Triptycene-based three-dimensional covalent organic frameworks with honeycomb topology of structure. <i>Materials Chemistry Frontiers</i> , 2021, 5, 944-949.	5.9	26
16	Structure-direction towards the new large pore zeolite NUD-3. <i>Chemical Communications</i> , 2021, 57, 191-194.	4.1	15
17	HPM-4: A New Germanosilicate Zeolite with Interconnected Extra-Large Pores Plus Odd-Membered and Small Pores**. <i>Angewandte Chemie</i> , 2021, 133, 3480-3484.	2.0	5
18	Rare earth elements based oxide ion conductors. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1374-1398.	6.0	24

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19	Binding and separation of CO ₂ , SO ₂ and C ₂ H ₂ in homo- and hetero-metallic metal-organic framework materials. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7190-7197.	10.3	17
20	A Crystalline Three-Dimensional Covalent Organic Framework with Flexible Building Blocks. <i>Journal of the American Chemical Society</i> , 2021, 143, 2123-2129.	13.7	105
21	Guest-Binding-Induced Interhetero Hosts Charge Transfer Crystallization: Selective Coloration of Commonly Used Organic Solvents. <i>Journal of the American Chemical Society</i> , 2021, 143, 1553-1561.	13.7	38
22	An Intriguing Polarization Configuration of Mixed Ising- and Néel-Type Model in the Prototype PbZrO ₃ -Based Antiferroelectrics. <i>Inorganic Chemistry</i> , 2021, 60, 3232-3237.	4.0	8
23	Structural origin of the high-voltage instability of lithium cobalt oxide. <i>Nature Nanotechnology</i> , 2021, 16, 599-605.	31.5	148
24	A Deep-UV Nonlinear Optical Borosulfate with Incommensurate Modulations. <i>Angewandte Chemie</i> , 2021, 133, 11558-11564.	2.0	11
25	A Deep-UV Nonlinear Optical Borosulfate with Incommensurate Modulations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11457-11463.	13.8	37
26	Stable, Efficient, Copper Coordination Polymer-Derived Heterostructured Catalyst for Oxygen Evolution under pH-Universal Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25461-25471.	8.0	7
27	EMM-25: The Structure of Two-Dimensional 11 Å— 10 Medium-Pore Borosilicate Zeolite Unraveled Using 3D Electron Diffraction. <i>Chemistry of Materials</i> , 2021, 33, 4146-4153.	6.7	11
28	Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From <i>pts</i> to Unprecedented <i>ljh</i> . <i>Journal of the American Chemical Society</i> , 2021, 143, 7279-7284.	13.7	84
29	Guest-Induced Switching of a Molecule-Based Magnet in a 3d ⁴ f Heterometallic Cluster-Based Chain Structure. <i>Inorganic Chemistry</i> , 2021, 60, 633-641.	4.0	6
30	Crystalline Sponge Method by Three-Dimensional Electron Diffraction. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 821927.	3.5	3
31	Constructing Concentration and Temperature Controllable Blue-Green Emission in a Single-Component Solid-State Phosphor. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27420-27428.	3.1	1
32	3D Electron Diffraction Unravels the New Zeolite ECNU-23 from the <i>Pure</i> -Powder Sample of ECNU-21. <i>Angewandte Chemie</i> , 2020, 132, 1182-1186.	2.0	8
33	3D Electron Diffraction Unravels the New Zeolite ECNU-23 from the <i>Pure</i> -Powder Sample of ECNU-21. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1166-1170.	13.8	27
34	Synthesis and characterizations of TiN@SBA-15 mesoporous materials for CO ₂ dry reforming enhancement. <i>Pure and Applied Chemistry</i> , 2020, 92, 545-556.	1.9	2
35	Nonmetallic metal toward a pressure-induced bad-metal state in two-dimensional Cu ₃ LiRu ₂ O ₆ . <i>Chemical Communications</i> , 2020, 56, 265-268.	4.1	5
36	Atomically Dispersed Mo Supported on Metallic Co ₉ S ₈ Nanoflakes as an Advanced Noble-Metal-Free Bifunctional Water Splitting Catalyst Working in Universal pH Conditions. <i>Advanced Energy Materials</i> , 2020, 10, 1903137.	19.5	162

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37	2D and 3D Porphyrinic Covalent Organic Frameworks: The Influence of Dimensionality on Functionality. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3624-3629.	13.8	227
38	2D and 3D Porphyrinic Covalent Organic Frameworks: The Influence of Dimensionality on Functionality. <i>Angewandte Chemie</i> , 2020, 132, 3653-3658.	2.0	45
39	Highly Conducting Organic-Inorganic Hybrid Copper Sulfides $Cu_xC_6S_6$ ($x=4$ or 5.5): Ligand-Based Oxidation-Induced Chemical and Electronic Structure Modulation. <i>Angewandte Chemie</i> , 2020, 132, 22791-22798.	2.0	2
40	Redox-triggered switching in three-dimensional covalent organic frameworks. <i>Nature Communications</i> , 2020, 11, 4919.	12.8	49
41	Acetonitrile-Based Electrolytes for Rechargeable Zinc Batteries. <i>Energy Technology</i> , 2020, 8, 2000358.	3.8	19
42	Diverse crystal size effects in covalent organic frameworks. <i>Nature Communications</i> , 2020, 11, 6128.	12.8	55
43	Paramagnetic Conducting Metal-Organic Frameworks with Three-Dimensional Structure. <i>Angewandte Chemie</i> , 2020, 132, 21059-21064.	2.0	4
44	Synthesis, structure, and superconductivity of B-site doped perovskite bismuth lead oxide with indium. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3561-3570.	6.0	14
45	Room Temperature Zero Thermal Expansion in a Cubic Cobaltite. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6785-6790.	4.6	6
46	Direct plasma phosphorization of Cu foam for Li ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16920-16925.	10.3	44
47	Rational Manipulation of Stacking Arrangements in Three-Dimensional Zeolites Built from Two-Dimensional Zeolitic Nanosheets. <i>Angewandte Chemie</i> , 2020, 132, 20106-20111.	2.0	0
48	Paramagnetic Conducting Metal-Organic Frameworks with Three-Dimensional Structure. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20873-20878.	13.8	30
49	Adsorption of Nitrogen Dioxide in a Redox-Active Vanadium Metal-Organic Framework Material. <i>Journal of the American Chemical Society</i> , 2020, 142, 15235-15239.	13.7	50
50	Rational Manipulation of Stacking Arrangements in Three-Dimensional Zeolites Built from Two-Dimensional Zeolitic Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19934-19939.	13.8	4
51	Collective and individual impacts of the cascade doping of alkali cations in perovskite single crystals. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15351-15360.	5.5	1
52	Guest-Controlled Incommensurate Modulation in a Meta-Rigid Metal-Organic Framework Material. <i>Journal of the American Chemical Society</i> , 2020, 142, 19189-19197.	13.7	24
53	Modulated structure determination and ion transport mechanism of oxide-ion conductor $CeNbO_{4+\delta}$. <i>Nature Communications</i> , 2020, 11, 4751.	12.8	20
54	Highly Conducting Organic-Inorganic Hybrid Copper Sulfides $Cu_xC_6S_6$ ($x=4$ or 5.5): Ligand-Based Oxidation-Induced Chemical and Electronic Structure Modulation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22602-22609.	13.8	26

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55	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). <i>Angewandte Chemie</i> , 2020, 132, 11624-11629.	2.0	10
56	IDM-1: A Zeolite with Intersecting Medium and Extra-Large Pores Built as an Expansion of Zeolite MFI. <i>Angewandte Chemie</i> , 2020, 132, 11379-11382.	2.0	12
57	Seeded growth of large single-crystal copper foils with high-index facets. <i>Nature</i> , 2020, 581, 406-410.	27.8	116
58	Single crystal of a one-dimensional metallo-covalent organic framework. <i>Nature Communications</i> , 2020, 11, 1434.	12.8	77
59	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11527-11532.	13.8	35
60	Processing Natural Wood into an Efficient and Durable Solar Steam Generation Device. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18165-18173.	8.0	58
61	Non-Interpenetrated Single-Crystal Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17991-17995.	13.8	60
62	Non-Interpenetrated Single-Crystal Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2020, 132, 18147-18151.	2.0	5
63	Twist Building Blocks from Planar to Tetrahedral for the Synthesis of Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 3718-3723.	13.7	83
64	Quasicrystal-related mosaics with periodic lattices interlaid with aperiodic tiles. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2020, 76, 137-144.	0.1	3
65	An intriguing intermediate state as a bridge between antiferroelectric and ferroelectric perovskites. <i>Materials Horizons</i> , 2020, 7, 1912-1918.	12.2	34
66	A ₂ Sn ₅ : A Structural Incommensurate Modulation Exhibiting Strong Second-Harmonic Generation and a High Laser-Induced Damage Threshold (A=Ba, Sr). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11861-11865.	13.8	67
67	IDM-1: A Zeolite with Intersecting Medium and Extra-Large Pores Built as an Expansion of Zeolite MFI. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11283-11286.	13.8	17
68	A ₂ Sn ₅ : A Structural Incommensurate Modulation Exhibiting Strong Second-Harmonic Generation and a High Laser-Induced Damage Threshold (A=Ba, Sr). <i>Angewandte Chemie</i> , 2020, 132, 11959-11963.	2.0	17
69	Rational design of crystalline two-dimensional frameworks with highly complicated topological structures. <i>Nature Communications</i> , 2019, 10, 4609.	12.8	54
70	Flexible Freestanding MoO ₃ x-Carbon Nanotubes-Nanocellulose Paper Electrodes for Charge-Storage Applications. <i>ChemSusChem</i> , 2019, 12, 5157-5163.	6.8	20
71	Multistep nucleation and growth mechanisms of organic crystals from amorphous solid states. <i>Nature Communications</i> , 2019, 10, 3872.	12.8	57
72	DMAP-Induced Gallium Phosphites with Different Dimensionality. <i>Crystal Growth and Design</i> , 2019, 19, 6011-6016.	3.0	4

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73	Maximizing sinusoidal channels of HZSM-5 for high shape-selectivity to p-xylene. <i>Nature Communications</i> , 2019, 10, 4348.	12.8	102
74	Mechanistic Insights into Solid-State p-Type Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26151-26160.	3.1	3
75	Photoinduced synthesis of Bi ₂ O ₃ nanotubes based on oriented attachment. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1424-1428.	10.3	9
76	Hydroxyl free radical route to the stable siliceous Ti-UTL with extra-large pores for oxidative desulfurization. <i>Chemical Communications</i> , 2019, 55, 1390-1393.	4.1	39
77	Insights into the Exfoliation Process of V ₂ O ₅ Nanosheet Formation Using Real-Time ⁵¹ V NMR. <i>ACS Omega</i> , 2019, 4, 10899-10905.	3.5	12
78	A heavy metal-free CuInS ₂ quantum dot sensitized NiO photocathode with a Re molecular catalyst for photoelectrochemical CO ₂ reduction. <i>Chemical Communications</i> , 2019, 55, 7918-7921.	4.1	21
79	Isostructural Three-Dimensional Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 9872-9877.	2.0	31
80	Isostructural Three-Dimensional Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9770-9775.	13.8	126
81	A New Layered Silicogermanate PKU-23 and Its Transformation to a Zeolite with Three-Dimensional Channels. <i>Crystal Growth and Design</i> , 2019, 19, 2272-2278.	3.0	2
82	Superconductivity in Perovskite Ba _{1-x} K _x Bi _{0.30} Pb _{0.70} O ₃ . <i>ChemistrySelect</i> , 2019, 4, 3135-3139.	1.5	7
83	Discovery of Complex Metal Oxide Materials by Rapid Phase Identification and Structure Determination. <i>Journal of the American Chemical Society</i> , 2019, 141, 4990-4996.	13.7	17
84	An NHC-CuCl functionalized metal-organic framework for catalyzing ¹² C-boration of ¹² C-unsaturated carbonyl compounds. <i>Dalton Transactions</i> , 2019, 48, 5144-5148.	3.3	7
85	Synthesis, characterization and structure of (NH ₄) ₄ [Zn ₅ V ₄ W ₁₆ O ₅₆ H ₂ (H ₂ O) ₄] with a novel V ₅ O ₁₄ layer. <i>Dalton Transactions</i> , 2019, 48, 4906-4911.	3.3	7
86	Lone- Pair Enhanced Birefringence in an Alkaline-Earth Metal Tin(II) Phosphate BaSn ₂ (PO ₄) ₂ . <i>Chemistry - A European Journal</i> , 2019, 25, 5648-5651.	3.3	95
87	Organic Semiconducting Alloys with Tunable Energy Levels. <i>Journal of the American Chemical Society</i> , 2019, 141, 6561-6568.	13.7	65
88	Cage Based Crystalline Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 3843-3848.	13.7	84
89	An Interrupted Zeolite PKU-26 and Its Transformation to a Fully Four-Connected Zeolite PKU-27 upon Calcination. <i>Chemistry - A European Journal</i> , 2019, 25, 3219-3223.	3.3	4
90	Pressure-induced semiconductor-to-metal phase transition of a charge-ordered indium halide perovskite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23404-23409.	7.1	45

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91	Achieving Highly Efficient Catalysts for Hydrogen Evolution Reaction by Electronic State Modification of Platinum on Versatile $\text{Ti}_3\text{C}_2\text{T}_x$ (MXene). ACS Sustainable Chemistry and Engineering, 2019, 7, 4266-4273.	6.7	79
92	Synthesis and Structure Determination of SCM-15: A 3D Large Pore Zeolite with Interconnected Straight 12Å–12Å–10Å Ring Channels. Chemistry - A European Journal, 2019, 25, 2184-2188.	3.3	25
93	Molybdenum Oxide Nanosheets with Tunable Plasmonic Resonance: Aqueous Exfoliation Synthesis and Charge Storage Applications. Advanced Functional Materials, 2019, 29, 1806699.	14.9	55
94	$\text{V}_2\text{O}_5 \cdot n\text{H}_2\text{O}$ nanosheets and multi-walled carbon nanotube composite as a negative electrode for sodium-ion batteries. Journal of Energy Chemistry, 2019, 30, 145-151.	12.9	26
95	Superconductivity in Perovskite $\text{Ba}_{0.85-x}\text{La}_x\text{Pr}_{0.15}(\text{Bi}_{0.20}\text{Pb}_{0.80})\text{O}_{3-y}$. Journal of Superconductivity and Novel Magnetism, 2019, 32, 167-173.	1.8	4
96	Elucidation of correlated disorder in zeolite IM-18. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 333-342.	1.1	3
97	Facile Water-Based Strategy for Synthesizing MoO_3 Nanosheets: Efficient Visible Light Photocatalysts for Dye Degradation. ACS Omega, 2018, 3, 2193-2201.	3.5	135
98	An Open-Framework Aluminophosphate with Face-Sharing AlO_6 Octahedra Dimers and Extra-Large 14-Ring Channels. Crystal Growth and Design, 2018, 18, 1267-1271.	3.0	8
99	Thermochromic halide perovskite solar cells. Nature Materials, 2018, 17, 261-267.	27.5	630
100	Superconductivity in Perovskite $\text{Ba}_{1-x}\text{Ln}_x(\text{Bi}_{0.20}\text{Pb}_{0.80})\text{O}_{3-y}$ (Ln = La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu). Inorganic Chemistry, 2018, 57, 1269-1276.	4.0	17
101	Synthesis and crystal structure of $\text{Sr}_3\text{Bi}_2\text{O}_6$ and structural change in the strontium–bismuth-oxide system. Dalton Transactions, 2018, 47, 1888-1894.	3.3	7
102	Highly Diastereo- and Enantioselective Cascade Synthesis of Bicyclic Lactams in One Pot. European Journal of Organic Chemistry, 2018, 2018, 1158-1164.	2.4	6
103	Three-Dimensional Open-Framework Germanate Built from a Novel Ge_{13} Cluster and Containing Two Types of Chiral Layers. Crystal Growth and Design, 2018, 18, 928-933.	3.0	3
104	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C_6 alkane isomers. Nature Communications, 2018, 9, 1745.	12.8	251
105	CsSiB_3O_7 : A Beryllium-Free Deep-Ultraviolet Nonlinear Optical Material Discovered by the Combination of Electron Diffraction and First-Principles Calculations. Chemistry of Materials, 2018, 30, 2203-2207.	6.7	39
106	Water Oxidation Initiated by In Situ Dimerization of the Molecular $\text{Ru}(\text{pdc})$ Catalyst. ACS Catalysis, 2018, 8, 4375-4382.	11.2	25
107	A Facile and Green Method for the Synthesis of SFE Borosilicate Zeolite and Its Heteroatom-Substituted Analogues with Promising Catalytic Performances. Chemistry - A European Journal, 2018, 24, 306-311.	3.3	7
108	Diphosphine-induced chiral propeller arrangement of gold nanoclusters for singlet oxygen photogeneration. Nano Research, 2018, 11, 5787-5798.	10.4	53

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109	An AI-Egen-based 3D covalent organic framework for white light-emitting diodes. <i>Nature Communications</i> , 2018, 9, 5234.	12.8	293
110	Synthesis, Structure, and Properties of the Non-Centrosymmetric Compound $\text{LiNaRbB}_5\text{O}_8(\text{OH})_2$. <i>Crystal Growth and Design</i> , 2018, 18, 5745-5749.	3.0	2
111	Highly Conducting Neutral Coordination Polymer with Infinite Two-Dimensional Silver-Sulfur Networks. <i>Journal of the American Chemical Society</i> , 2018, 140, 15153-15156.	13.7	97
112	Synthesis and Structure of a Layered Fluoroaluminophosphate and Its Transformation to a Three-Dimensional Zeolite Framework. <i>Inorganic Chemistry</i> , 2018, 57, 11753-11760.	4.0	7
113	The Exploration of Carrier Behavior in the Inverted Mixed Perovskite Single-Crystal Solar Cells. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800224.	3.7	58
114	Frontispiece: A Facile and Green Method for the Synthesis of SFE Borosilicate Zeolite and Its Heteroatom-Substituted Analogues with Promising Catalytic Performances. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
115	Observation of Interpenetration Isomerism in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 6763-6766.	13.7	144
116	One-pot synthesis of Cu-modified H_3NbO_8 nanobelts with enhanced photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10769-10775.	10.3	7
117	Emergent superconductivity in an iron-based honeycomb lattice initiated by pressure-driven spin-crossover. <i>Nature Communications</i> , 2018, 9, 1914.	12.8	119
118	Single-crystal x-ray diffraction structures of covalent organic frameworks. <i>Science</i> , 2018, 361, 48-52.	12.6	868
119	Crystallization of a Novel Germanosilicate ECNU-16 Provides Insights into the Space-Filling Effect on Zeolite Crystal Symmetry. <i>Chemistry - A European Journal</i> , 2018, 24, 9247-9253.	3.3	11
120	$\text{Ba}_3\text{Mg}_3(\text{BO}_3)_3\text{F}_3$ polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. <i>Nature Communications</i> , 2018, 9, 3089.	12.8	314
121	Hierarchical Shell-Like ZSM-5 with Tunable Porosity Synthesized by using a Dissolution-Recrystallization Approach. <i>Chemistry - A European Journal</i> , 2018, 24, 14974-14981.	3.3	15
122	Covalently linking CuInS_2 quantum dots with a Re catalyst by click reaction for photocatalytic CO_2 reduction. <i>Dalton Transactions</i> , 2018, 47, 10775-10783.	3.3	37
123	Effect of zinc doping on structural, magnetic and dielectric properties of perovskite $(\text{Tb}_{0.874}\text{Mn}_{0.106})\text{MnO}_3$. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16543-16552.	2.2	0
124	Discovery of Layered Indium Hydroxide via a Hydroperoxyl Anion Coordinated Precursor at Room Temperature. <i>Chemistry - A European Journal</i> , 2018, 24, 15491-15494.	3.3	0
125	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. <i>Nature Materials</i> , 2018, 17, 691-696.	27.5	162
126	Synthesis and characterization of germanosilicate molecular sieves: $\text{GeO}_2/\text{SiO}_2$ ratio, $\text{H}_2\text{O}/\text{TO}_2$ ratio and temperature. <i>Dalton Transactions</i> , 2017, 46, 2270-2280.	3.3	13

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127	Enhancement of Ferroelectricity for Orthorhombic $(\text{Tb}_{0.861}\text{Mn}_{0.121})\text{MnO}_3$ by Copper Doping. <i>Inorganic Chemistry</i> , 2017, 56, 3475-3482.	4.0	11
128	Achieving High Pseudocapacitance of 2D Titanium Carbide (MXene) by Cation Intercalation and Surface Modification. <i>Advanced Energy Materials</i> , 2017, 7, 1602725.	19.5	514
129	Synthesis, structure and magnetic properties of $(\text{Eu}_{1-x}\text{Mn}_x)\text{MnO}_3$. <i>RSC Advances</i> , 2017, 7, 2019-2024.	3.6	13
130	Electron Crystallography Reveals Atomic Structures of Metal-Organic Nanoplates with $\text{M}_{12}(\text{I}^{1/4}_3\text{-O})_8(\text{I}^{1/4}_3\text{-OH})_8(\text{I}^{1/4}_2\text{-OH})_6$ (M = Zr, Hf) Secondary Building Units. <i>Inorganic Chemistry</i> , 2017, 56, 8128-8134.	4.0	6
131	Simple CTAB surfactant-assisted hierarchical lamellar MWW titanosilicate: a high-performance catalyst for selective oxidations involving bulky substrates. <i>Catalysis Science and Technology</i> , 2017, 7, 2874-2885.	4.1	28
132	The intrinsic properties of $\text{FA}_{1-x}\text{MA}_x\text{Pb}_3$ perovskite single crystals. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8537-8544.	10.3	152
133	Synthesis and Structure Determination of Large-Pore Zeolite SCM-14. <i>Chemistry - A European Journal</i> , 2017, 23, 16829-16834.	3.3	24
134	Application of X-ray Diffraction and Electron Crystallography for Solving Complex Structure Problems. <i>Accounts of Chemical Research</i> , 2017, 50, 2737-2745.	15.6	69
135	Topotactic Reduction toward a Noncentrosymmetric Deficient Perovskite $\text{Tb}_{0.50}\text{Ca}_{0.50}\text{Mn}_{0.96}\text{O}_{2.37}$ with Ordered Mn Vacancies and Piezoelectric Behavior. <i>Chemistry of Materials</i> , 2017, 29, 9840-9850.	6.7	7
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