Junliang Sun

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241 papers	9,720 citations	47 h-index	92 g-index
272 ext. papers	12,024 ext. citations	9.4 avg, IF	6.34 L-index

#	Paper	IF	Citations
241	Single-crystal x-ray diffraction structures of covalent organic frameworks. *Science*, **2018**, 361, 48-52	33.3	521
240	The ITQ-37 mesoporous chiral zeolite. *Nature*, **2009**, 458, 1154-7	50.4	463
239	Thermochromic halide perovskite solar cells. *Nature Materials*, **2018**, 17, 261-267	27	436
238	Selectivity and direct visualization of carbon dioxide and sulfur dioxide in a decorated porous host. *Nature Chemistry*, **2012**, 4, 887-94	17.6	396
237	Achieving High Pseudocapacitance of 2D Titanium Carbide (MXene) by Cation Intercalation and Surface Modification. *Advanced Energy Materials*, **2017**, 7, 1602725	21.8	360
236	Ultrafast epitaxial growth of metre-sized single-crystal graphene on industrial Cu foil. *Science Bulletin*, **2017**, 62, 1074-1080	10.6	326
235	Self-Supporting Metal-Organic Layers as Single-Site Solid Catalysts. *Angewandte Chemie - International Edition*, **2016**, 55, 4962-6	16.4	222
234	Pyrazolate-Based Porphyrinic Metal-Organic Framework with Extraordinary Base-Resistance. *Journal of the American Chemical Society*, **2016**, 138, 914-9	16.4	212
233	Three-dimensional rotation electron diffraction: software for automated data collection and data processing. *Journal of Applied Crystallography*, **2013**, 46, 1863-1873	3.8	208
232	A zeolite family with chiral and achiral structures built from the same building layer. *Nature Materials*, **2008**, 7, 381-5	27	182
231	An AIEgen-based 3D covalent organic framework for white light-emitting diodes. *Nature Communications*, **2018**, 9, 5234	17.4	182
230	Fine-Tuning of Crystal Packing and Charge Transport Properties of BDOPV Derivatives through Fluorine Substitution. *Journal of the American Chemical Society*, **2015**, 137, 15947-56	16.4	177
229	Hierarchical Co(OH)F Superstructure Built by Low-Dimensional Substructures for Electrocatalytic Water Oxidation. *Advanced Materials*, **2017**, 29, 1700286	24	167
228	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. *Nature Communications*, **2018**, 9, 1745	17.4	166
227	Selective Adsorption of Sulfur Dioxide in a Robust Metal-Organic Framework Material. *Advanced Materials*, **2016**, 28, 8705-8711	24	161
226	BaMg(BO)F polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. *Nature Communications*, **2018**, 9, 3089	17.4	157
225	Structure and catalytic properties of the most complex intergrown zeolite ITQ-39 determined by electron crystallography. *Nature Chemistry*, **2012**, 4, 188-94	17.6	151

224	An Iron-based Film for Highly Efficient Electrocatalytic Oxygen Evolution from Neutral Aqueous Solution. *ACS Applied Materials & Interfaces*, **2015**, 7, 21852-9	9.5	143
223	A tri-continuous mesoporous material with a silica pore wall following a hexagonal minimal surface. *Nature Chemistry*, **2009**, 1, 123-7	17.6	120
222	Cyclotricatechylene based porous crystalline material: Synthesis and applications in gas storage. *Journal of Materials Chemistry*, **2012**, 22, 5369		114
221	The intrinsic properties of FA(1⊠)MAxPbI3 perovskite single crystals. *Journal of Materials Chemistry A*, **2017**, 5, 8537-8544	13	110
220	Reversible adsorption of nitrogen dioxide within a robust porous metal-organic framework. *Nature Materials*, **2018**, 17, 691-696	27	108
219	Atomically precise single-crystal structures of electrically conducting 2D metal-organic frameworks. *Nature Materials*, **2021**, 20, 222-228	27	104
218	Facile Water-Based Strategy for Synthesizing MoO Nanosheets: Efficient Visible Light Photocatalysts for Dye Degradation. *ACS Omega*, **2018**, 3, 2193-2201	3.9	103
217	Irreversible network transformation in a dynamic porous host catalyzed by sulfur dioxide. *Journal of the American Chemical Society*, **2013**, 135, 4954-7	16.4	103
216	2D and 3D Porphyrinic Covalent Organic Frameworks: The Influence of Dimensionality on Functionality. *Angewandte Chemie - International Edition*, **2020**, 59, 3624-3629	16.4	102
215	Atomically Dispersed Mo Supported on Metallic Co9S8 Nanoflakes as an Advanced Noble-Metal-Free Bifunctional Water Splitting Catalyst Working in Universal pH Conditions. *Advanced Energy Materials*, **2020**, 10, 1903137	21.8	97
214	Organic hydrogen-bonded interpenetrating diamondoid frameworks from modular self-assembly of methanetetrabenzoic acid with linkers. *CrystEngComm*, **2009**, 11, 978	3.3	96
213	(Li0.84Fe0.16)OHFe0.98Se superconductor: Ion-exchange synthesis of large single-crystal and highly two-dimensional electron properties. *Physical Review B*, **2015**, 92,	3.3	89
212	Synthesis of an extra-large molecular sieve using proton sponges as organic structure-directing agents. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 3749-54	11.5	83
211	Photosensitized Water Oxidation by Use of a Bioinspired Manganese Catalyst. *Angewandte Chemie*, **2011**, 123, 11919-11922	3.6	83
210	Observation of Interpenetration Isomerism in Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2018**, 140, 6763-6766	16.4	75
209	Isostructural Three-Dimensional Covalent Organic Frameworks. *Angewandte Chemie - International Edition*, **2019**, 58, 9770-9775	16.4	72
208	Seeded growth of large single-crystal copper foils with high-index facets. *Nature*, **2020**, 581, 406-410	50.4	68
207	Zeolite A synthesized from alkaline assisted pre-activated halloysite for efficient heavy metal removal in polluted river water and industrial wastewater. *Journal of Environmental Sciences*, **2017**, 56, 254-262	6.4	67

206	Synthesis and Structure of Polymorph B of Zeolite Beta. *Chemistry of Materials*, **2008**, 20, 3218-3223	9.6	67
205	Highly Conducting Neutral Coordination Polymer with Infinite Two-Dimensional Silver-Sulfur Networks. *Journal of the American Chemical Society*, **2018**, 140, 15153-15156	16.4	67
204	Self-Assembly of Cetyltrimethylammonium Bromide and Lamellar Zeolite Precursor for the Preparation of Hierarchical MWW Zeolite. *Chemistry of Materials*, **2016**, 28, 4512-4521	9.6	65
203	Microporous aluminoborates with large channels: structural and catalytic properties. *Angewandte Chemie - International Edition*, **2011**, 50, 12555-8	16.4	65
202	Thermally/hydrolytically stable covalent organic frameworks from a rigid macrocyclic host. *Chemical Communications*, **2014**, 50, 788-91	5.8	59
201	Emergent superconductivity in an iron-based honeycomb lattice initiated by pressure-driven spin-crossover. *Nature Communications*, **2018**, 9, 1914	17.4	59
200	A germanosilicate structure with 11□11□12-ring channels solved by electron crystallography. *Angewandte Chemie - International Edition*, **2014**, 53, 5868-71	16.4	58
199	Lone-Pair Enhanced Birefringence in an Alkaline-Earth Metal Tin(II) Phosphate BaSn (PO). *Chemistry - A European Journal*, **2019**, 25, 5648-5651	4.8	56
198	EMM-23: a stable high-silica multidimensional zeolite with extra-large trilobe-shaped channels. *Journal of the American Chemical Society*, **2014**, 136, 13570-3	16.4	51
197	3D Open-Framework Vanadoborate as a Highly Effective Heterogeneous Pre-catalyst for the Oxidation of Alkylbenzenes. *Chemistry of Materials*, **2013**, 25, 5031-5036	9.6	51
196	Pressure-Driven Cooperative Spin-Crossover, Large-Volume Collapse, and Semiconductor-to-Metal Transition in Manganese(II) Honeycomb Lattices. *Journal of the American Chemical Society*, **2016**, 138, 15751-15757	16.4	50
195	Maximizing sinusoidal channels of HZSM-5 for high shape-selectivity to p-xylene. *Nature Communications*, **2019**, 10, 4348	17.4	48
194	Self-Supporting Metal□Organic Layers as Single-Site Solid Catalysts. *Angewandte Chemie*, **2016**, 128, 5046-5050	3.6	47
193	Recent Advances in the Synthesis and Application of Two-Dimensional Zeolites. *Advanced Energy Materials*, **2016**, 6, 1600441	21.8	46
192	Highly crystalline covalent organic frameworks from flexible building blocks. *Chemical Communications*, **2016**, 52, 4706-9	5.8	45
191	Immobilization of a Molecular Ruthenium Catalyst on Hematite Nanorod Arrays for Water Oxidation with Stable Photocurrent. *ChemSusChem*, **2015**, 8, 3242-7	8.3	45
190	Monodisperse sandwich-like coupled quasi-graphene sheets encapsulating ni2 p nanoparticles for enhanced lithium-ion batteries. *Chemistry - A European Journal*, **2015**, 21, 9229-35	4.8	45
189	Organocatalytic Highly Enantioselective Conjugate Addition of Aldehydes to Alkylidine Malonates. *Advanced Synthesis and Catalysis*, **2008**, 350, 657-661	5.6	45

188	Cage Based Crystalline Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2019**, 141, 3843-3848	16.4	45
187	Electron Crystallography Reveals Atomic Structures of Metal-Organic Nanoplates with M(□O)(□OH)(□OH) (M = Zr, Hf) Secondary Building Units. *Inorganic Chemistry*, **2017**, 56, 8128-8134	5.1	44
186	Application of X-ray Diffraction and Electron Crystallography for Solving Complex Structure Problems. *Accounts of Chemical Research*, **2017**, 50, 2737-2745	24.3	44
185	Twist Building Blocks from Planar to Tetrahedral for the Synthesis of Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2020**, 142, 3718-3723	16.4	44
184	Achieving Highly Efficient Catalysts for Hydrogen Evolution Reaction by Electronic State Modification of Platinum on Versatile Ti3C2Tx (MXene). *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 4266-4273	8.3	44
183	New barium cobaltite series Ba(n+1)Co(n)O(3n+3)(Co8O8): intergrowth structure containing perovskite and CdI2-type layers. *Inorganic Chemistry*, **2006**, 45, 9151-3	5.1	43
182	Organic Semiconducting Alloys with Tunable Energy Levels. *Journal of the American Chemical Society*, **2019**, 141, 6561-6568	16.4	42
181	Structural origin of the high-voltage instability of lithium cobalt oxide. *Nature Nanotechnology*, **2021**, 16, 599-605	28.7	42
180	Intergrown New Zeolite Beta Polymorphs with Interconnected 12-Ring Channels Solved by Combining Electron Crystallography and Single-Crystal X-ray Diffraction. *Chemistry of Materials*, **2012**, 24, 3701-3706	9.6	40
179	The Exploration of Carrier Behavior in the Inverted Mixed Perovskite Single-Crystal Solar Cells. *Advanced Materials Interfaces*, **2018**, 5, 1800224	4.6	38
178	Construction of mesoporous frameworks with vanadoborate clusters. *Angewandte Chemie - International Edition*, **2014**, 53, 3608-11	16.4	37
177	Multistep nucleation and growth mechanisms of organic crystals from amorphous solid states. *Nature Communications*, **2019**, 10, 3872	17.4	36
176	Adsorption Properties of MFM-400 and MFM-401 with CO2 and Hydrocarbons: Selectivity Derived from Directed Supramolecular Interactions. *Inorganic Chemistry*, **2016**, 55, 7219-28	5.1	36
175	Catalytic water oxidation by a molecular ruthenium complex: unexpected generation of a single-site water oxidation catalyst. *Inorganic Chemistry*, **2015**, 54, 4611-20	5.1	35
174	A SnS : A Structural Incommensurate Modulation Exhibiting Strong Second-Harmonic Generation and a High Laser-Induced Damage Threshold (A=Ba, Sr). *Angewandte Chemie - International Edition*, **2020**, 59, 11861-11865	16.4	35
173	Molybdenum Oxide Nanosheets with Tunable Plasmonic Resonance: Aqueous Exfoliation Synthesis and Charge Storage Applications. *Advanced Functional Materials*, **2019**, 29, 1806699	15.6	35
172	A Cu-Based Nanoparticulate Film as Super-Active and Robust Catalyst Surpasses Pt for Electrochemical H2 Production from Neutral and Weak Acidic Aqueous Solutions. *Advanced Energy Materials*, **2016**, 6, 1502319	21.8	34
171	Structure determination of the zeolite IM-5 using electron crystallography. *Zeitschrift F□ Kristallographie*, **2010**, 225,		34

170	A Crystalline Three-Dimensional Covalent Organic Framework with Flexible Building Blocks. *Journal of the American Chemical Society*, **2021**, 143, 2123-2129	16.4	33
169	A one-step water based strategy for synthesizing hydrated vanadium pentoxide nanosheets from VO2(B) as free-standing electrodes for lithium battery applications. *Journal of Materials Chemistry A*, **2016**, 4, 17988-18001	13	32
168	Rational design of crystalline two-dimensional frameworks with highly complicated topological structures. *Nature Communications*, **2019**, 10, 4609	17.4	32
167	PKU-3: An HCl-Inclusive Aluminoborate for Strecker Reaction Solved by Combining RED and PXRD. *Journal of the American Chemical Society*, **2015**, 137, 7047-50	16.4	32
166	Pd(0.213)Cd(0.787) and Pd(0.235)Cd(0.765) structures: their long c axis and composite crystals, chemical twinning, and atomic site preferences. *Chemistry - A European Journal*, **2007**, 13, 1394-410	4.8	31
165	Unusual Strong Incommensurate Modulation in a Tungsten-Bronze-Type Relaxor PbBiNb5O15. *Journal of the American Chemical Society*, **2015**, 137, 13468-71	16.4	30
164	CsSiB3O7: 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	9.6	30
163	Diphosphine-induced chiral propeller arrangement of gold nanoclusters for singlet oxygen photogeneration. *Nano Research*, **2018**, 11, 5787-5798	10	30
162	Processing Natural Wood into an Efficient and Durable Solar Steam Generation Device. *ACS Applied Materials & Interfaces*, **2020**, 12, 18165-18173	9.5	28
161	A novel 1D independent metal□organic nanotube based on cyclotriveratrylene ligand. *CrystEngComm*, **2012**, 14, 112-115	3.3	28
160	Investigation of the GeO2-1,6-diaminohexane-water-pyridine-HF phase diagram leading to the discovery of two novel layered germanates with extra-large rings. *Inorganic Chemistry*, **2011**, 50, 201-7	5.1	28
159	Hydroxyl free radical route to the stable siliceous Ti-UTL with extra-large pores for oxidative desulfurization. *Chemical Communications*, **2019**, 55, 1390-1393	5.8	26
158	Single crystal of a one-dimensional metallo-covalent organic framework. *Nature Communications*, **2020**, 11, 1434	17.4	26
157	A Tailor-Made Molecular Ruthenium Catalyst for the Oxidation of Water and Its Deactivation through Poisoning by Carbon Monoxide. *Angewandte Chemie*, **2013**, 125, 4283-4287	3.6	26
156	Crystal growth and structure determination of oxygen-deficient Sr6Co5O15. *Inorganic Chemistry*, **2006**, 45, 8394-402	5.1	26
155	Non-Interpenetrated Single-Crystal Covalent Organic Frameworks. *Angewandte Chemie - International Edition*, **2020**, 59, 17991-17995	16.4	25
154	Pressure-induced semiconductor-to-metal phase transition of a charge-ordered indium halide perovskite. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 23404-23409	11.5	25
153	A Crystalline Mesoporous Germanate with 48-Ring Channels for CO□Separation. *Angewandte Chemie - International Edition*, **2015**, 54, 7290-4	16.4	24

152	Elucidation of Adsorbate Structures and Interactions on Br□sted Acid Sites in H-ZSM-5 by Synchrotron X-ray Powder Diffraction. *Angewandte Chemie - International Edition*, **2016**, 55, 5981-4	16.4	24
151	A silicogermanate with 20-ring channels directed by a simple quaternary ammonium cation. *Dalton Transactions*, **2013**, 42, 1360-3	4.3	23
150	Epitaxial growth of core□shell zeolite X@A composites. *CrystEngComm*, **2012**, 14, 2204	3.3	23
149	Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From to Unprecedented. *Journal of the American Chemical Society*, **2021**, 143, 7279-7284	16.4	23
148	Accurate structure determination of a borosilicate zeolite EMM-26 with two-dimensional 10 □10 ring channels using rotation electron diffraction. *Inorganic Chemistry Frontiers*, **2016**, 3, 1444-1448	6.8	23
147	Isostructural Three-Dimensional Covalent Organic Frameworks. *Angewandte Chemie*, **2019**, 131, 9872-9877	3.6	22
146	A Palladium/Chiral Amine Co-catalyzed Enantioselective Dynamic Cascade Reaction: Synthesis of Polysubstituted Carbocycles with a Quaternary Carbon Stereocenter. *Angewandte Chemie*, **2013**, 125, 6166-6170	3.6	22
145	Open-framework germanate built from the hexagonal packing of rigid cylinders. *Inorganic Chemistry*, **2009**, 48, 9962-4	5.1	22
144	SU-22 and SU-23: Layered Germanates Built from 4-Coordinated Ge7 Clusters Exhibiting Structural Variations on the 44 Topology. *Crystal Growth and Design*, **2008**, 8, 3695-3699	3.5	22
143	Unusual Long-Range Ordering Incommensurate Structural Modulations in an Organic Molecular Ferroelectric. *Journal of the American Chemical Society*, **2017**, 139, 15900-15906	16.4	21
142	Four-dimensional space groups for pedestrians: composite structures. *Chemistry - an Asian Journal*, **2007**, 2, 1204-29	4.5	21
141	Redox-triggered switching in three-dimensional covalent organic frameworks. *Nature Communications*, **2020**, 11, 4919	17.4	21
140	A luminescent Zr-based metal□organic framework for sensing/capture of nitrobenzene and high-pressure separation of CH4/C2H6. *Journal of Materials Chemistry A*, **2015**, 3, 23493-23500	13	20
139	Water Oxidation Initiated by In Situ Dimerization of the Molecular Ru(pdc) Catalyst. *ACS Catalysis*, **2018**, 8, 4375-4382	13.1	20
138	2D and 3D Porphyrinic Covalent Organic Frameworks: The Influence of Dimensionality on Functionality. *Angewandte Chemie*, **2020**, 132, 3653-3658	3.6	20
137	Direct plasma phosphorization of Cu foam for Li ion batteries. *Journal of Materials Chemistry A*, **2020**, 8, 16920-16925	13	20
136	Adsorption of Nitrogen Dioxide in a Redox-Active Vanadium Metal-Organic Framework Material. *Journal of the American Chemical Society*, **2020**, 142, 15235-15239	16.4	20
135	Covalently linking CuInS quantum dots with a Re catalyst by click reaction for photocatalytic CO reduction. *Dalton Transactions*, **2018**, 47, 10775-10783	4.3	19

134	Synthesis of a [3Fe2S] Cluster with Low Redox Potential from [2Fe2S] Hydrogenase Models: Electrochemical and Photochemical Generation of Hydrogen. *European Journal of Inorganic Chemistry*, **2011**, 2011, 1100-1105	2.3	19
133	Ultraquantum magnetoresistance in the Kramers-Weyl semimetal candidate Ag2Se. *Physical Review B*, **2017**, 96,	3.3	18
132	V2O5·nH2O nanosheets and multi-walled carbon nanotube composite as a negative electrode for sodium-ion batteries. *Journal of Energy Chemistry*, **2019**, 30, 145-151	12	18
131	Simple CTAB surfactant-assisted hierarchical lamellar MWW titanosilicate: a high-performance catalyst for selective oxidations involving bulky substrates. *Catalysis Science and Technology*, **2017**, 7, 2874-2885	5.5	17
130	Soluble Silver Acetylide for the Construction and Structural Conversion of All-Alkynyl-Stabilized High-Nuclearity Homoleptic Silver Clusters. *Crystal Growth and Design*, **2015**, 15, 2505-2513	3.5	17
129	An intriguing intermediate state as a bridge between antiferroelectric and ferroelectric perovskites. *Materials Horizons*, **2020**, 7, 1912-1918	14.4	16
128	A ruthenium water oxidation catalyst based on a carboxamide ligand. *Dalton Transactions*, **2016**, 45, 3272-6	4.9	16
127	Flexible Freestanding MoO -Carbon Nanotubes-Nanocellulose Paper Electrodes for Charge-Storage Applications. *ChemSusChem*, **2019**, 12, 5157-5163	8.3	16
126	A 3D 12-ring zeolite with ordered 4-ring vacancies occupied by (H2O)2 dimers. *Chemistry - A European Journal*, **2014**, 20, 16097-101	4.8	16
125	Two open-framework germanates with nickel complexes incorporated into the framework. *Inorganic Chemistry*, **2011**, 50, 9921-3	5.1	16
124	Synthesis and Structure Determination of Large-Pore Zeolite SCM-14. *Chemistry - A European Journal*, **2017**, 23, 16829-16834	4.8	14
123	Superconductivity in Perovskite BaLn(BiPb)O (Ln = La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu). *Inorganic Chemistry*, **2018**, 57, 1269-1276	5.1	14
122	A Germanosilicate Structure with 11-11-12-Ring Channels Solved by Electron Crystallography. *Angewandte Chemie*, **2014**, 126, 5978-5981	3.6	14
121	Achiral Co-Catalyst Induced Switches in Catalytic Asymmetric Reactions on Racemic Mixtures (RRM): From Stereodivergent RRM to Stereoconvergent Deracemization by Combination of Hydrogen Bond Donating and Chiral Amine Catalysts. *Advanced Synthesis and Catalysis*, **2012**, 354, 2865-2872	5.6	14
120	One-Step Catalytic Enantioselective α-Quaternary 5-Hydroxyproline Synthesis: An Asymmetric Entry to Highly Functionalized α-Quaternary Proline Derivatives. *Advanced Synthesis and Catalysis*, **2012**, 354, 1156-1162	5.6	14
119	Structure determination of zeolites and ordered mesoporous materials by electron crystallography. *Dalton Transactions*, **2010**, 39, 8355-62	4.3	14
118	Triptycene-based three-dimensional covalent organic frameworks with stp topology of honeycomb structure. *Materials Chemistry Frontiers*, **2021**, 5, 944-949	7.8	14
117	BiMnFe2O6, a polysynthetically twinned hcp MO structure. *Chemical Science*, **2010**, 1, 751	9.4	13

116	Diverse crystal size effects in covalent organic frameworks. *Nature Communications*, **2020**, 11, 6128	17.4	13
115	A Deep-UV Nonlinear Optical Borosulfate with Incommensurate Modulations. *Angewandte Chemie - International Edition*, **2021**, 60, 11457-11463	16.4	13
114	Synthesis and Structure Determination of SCM-15: A 3D Large Pore Zeolite with Interconnected Straight 12□12□10-Ring Channels. *Chemistry - A European Journal*, **2019**, 25, 2184-2188	4.8	13
113	A heavy metal-free CuInS quantum dot sensitized NiO photocathode with a Re molecular catalyst for photoelectrochemical CO reduction. *Chemical Communications*, **2019**, 55, 7918-7921	5.8	12
112	Elucidation of Adsorbate Structures and Interactions on Br□sted Acid Sites in H-ZSM-5 by Synchrotron X-ray Powder Diffraction. *Angewandte Chemie*, **2016**, 128, 6085-6088	3.6	12
111	Layered V-B-O polyoxometalate nets linked by diethylenetriamine complexes with dangling amine groups. *Dalton Transactions*, **2014**, 43, 15283-6	4.3	12
110	SU-62: Synthesis and Structure Investigation of a Germanate with a Novel Three-Dimensional Net and Interconnected 10- and 14-Ring Channels. *Crystal Growth and Design*, **2012**, 12, 369-375	3.5	12
109	Construction of 3-fold interpenetrated pcu organic frameworks from methanetetrabenzoic acid with zigzag bipyridines. *CrystEngComm*, **2009**, 11, 2277	3.3	12
108	A complicated quasicrystal approximant epsilon16 predicted by the strong-reflections approach. *Acta Crystallographica Section B: Structural Science*, **2010**, 66, 17-26		12
107	Synthesis and characterization of germanosilicate molecular sieves: GeO/SiO ratio, HO/TO ratio and temperature. *Dalton Transactions*, **2017**, 46, 2270-2280	4.3	11
106	Discovery of Complex Metal Oxide Materials by Rapid Phase Identification and Structure Determination. *Journal of the American Chemical Society*, **2019**, 141, 4990-4996	16.4	11
105	A multi-dimensional quasi-zeolite with 12 □10 □7-ring channels demonstrates high thermal stability and good gas adsorption selectivity. *Chemical Science*, **2016**, 7, 3025-3030	9.4	11
104	A Water Based Synthesis of Ultrathin Hydrated Vanadium Pentoxide Nanosheets for Lithium Battery Application: Free Standing Electrodes or Conventionally Casted Electrodes?. *Electrochimica Acta*, **2017**, 252, 254-260	6.7	11
103	Disorder in Extra-Large Pore Zeolite ITQ-33 Revealed by Single Crystal XRD. *Crystal Growth and Design*, **2013**, 13, 4168-4171	3.5	11
102	Structure modulations in nonlinear optical (NLO) materials Cs(2)TB4O9 (T = Ge, Si). *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*, **2016**, 72, 194-200	1.8	11
101	Synthesis, structure and magnetic properties of (Eu1□Mnx)MnO3□*RSC Advances*, **2017**, 7, 2019-2024	3.7	10
100	Approaching the structure of REBaB9O16 (RE = rare earth) by characterization of a new analogue Ba6Bi9B79O138. *Journal of Materials Chemistry C*, **2015**, 3, 4431-4437	7.1	10
99	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). *Angewandte Chemie - International Edition*, **2020**, 59, 11527-11532	16.4	10

98	Hierarchical Shell-Like ZSM-5 with Tunable Porosity Synthesized by using a Dissolution-Recrystallization Approach. *Chemistry - A European Journal*, **2018**, 24, 14974-14981	4.8	10
97	The Structure of a Complex Open-Framework Germanate Obtained by Combining Powder Charge-Flipping and Simulated Annealing. *Crystal Growth and Design*, **2012**, 12, 4853-4860	3.5	10
96	Microporous Aluminoborates with Large Channels: Structural and Catalytic Properties. *Angewandte Chemie*, **2011**, 123, 12763-12766	3.6	10
95	Rational Construction of 2D and 3D Borromean Arrayed Organic Crystals by Hydrogen-Bond-Directed Self-Assembly. *Angewandte Chemie*, **2009**, 121, 2917-2920	3.6	10
94	Phase Equilibrium of the In2O3TiO2MO (M = Ca, Sr) Systems and the Structure of In6Ti6CaO22. *Chemistry of Materials*, **2005**, 17, 2186-2192	9.6	10
93	Construct Polyoxometalate Frameworks through Covalent Bonds. *Inorganic Chemistry*, **2015**, 54, 8699-704	5.1	9
92	Construction of Mesoporous Frameworks with Vanadoborate Clusters. *Angewandte Chemie*, **2014**, 126, 3682-3685	3.6	9
91	Three low-dimensional open-germanates based on the 44 net. *CrystEngComm*, **2012**, 14, 5465	3.3	9
90	One dimensional infinite water wires incorporated in isostructural organic crystalline supermolecules with zwitterionic channels. *CrystEngComm*, **2011**, 13, 1287-1290	3.3	9
89	3D Electron Diffraction Unravels the New Zeolite ECNU-23 from the "Pure" Powder Sample of ECNU-21. *Angewandte Chemie - International Edition*, **2020**, 59, 1166-1170	16.4	9
88	Guest-Controlled Incommensurate Modulation in a Meta-Rigid Metal-Organic Framework Material. *Journal of the American Chemical Society*, **2020**, 142, 19189-19197	16.4	9
87	Highly Conducting Organic-Inorganic Hybrid Copper Sulfides Cu C S (x=4 or 5.5): Ligand-Based Oxidation-Induced Chemical and Electronic Structure Modulation. *Angewandte Chemie - International Edition*, **2020**, 59, 22602-22609	16.4	9
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