# Junliang Sun

List of Publications by Year
in descending order



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|---|---|---|---|
| 241 papers | 14,297 citations | 22153 59 h-index | 23533 111 g-index |
| 272 all docs | 272 docs citations | 272 times ranked | 16396 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Single-crystal x-ray diffraction structures of covalent organic frameworks. Science, 2018, 361, 48-52. | 12.6 | 868 |
| 2 | Thermochromic halide perovskite solar cells. Nature Materials, 2018, 17, 261-267. | 27.5 | 630 |
| 3 | The ITQ-37 mesoporous chiral zeolite. Nature, 2009, 458, 1154-1157. | 27.8 | 526 |
| 4 | Achieving High Pseudocapacitance of 2D Titanium Carbide (MXene) by Cation Intercalation and Surface Modification. Advanced Energy Materials, 2017, 7, 1602725. | 19.5 | 514 |
| 5 | Selectivity and direct visualization of carbon dioxide and sulfur dioxide in a decorated porous host. Nature Chemistry, 2012, 4, 887-894. | 13.6 | 466 |
| 6 | Ultrafast epitaxial growth of metre-sized single-crystal graphene on industrial Cu foil. Science Bulletin, 2017, 62, 1074-1080. | 9.0 | 454 |
| 7 | Ba3Mg3(BO3)3F3 polymorphs with reversible phase transition and high performances as ultraviolet nonlinear optical materials. Nature Communications, 2018, 9, 3089. | 12.8 | 314 |
| 8 | Selfâ€Supporting Metalâ€“Organic Layers as Singleâ€Site Solid Catalysts. Angewandte Chemie - International Edition, 2016, 55, 4962-4966. | 13.8 | 303 |
| 9 | Pyrazolate-Based Porphyrinic Metalâ€“Organic Framework with Extraordinary Base-Resistance. Journal of the American Chemical Society, 2016, 138, 914-919. | 13.7 | 303 |
| 10 | An AIEgen-based 3D covalent organic framework for white light-emitting diodes. Nature Communications, 2018, 9, 5234. | 12.8 | 293 |
| 11 | Three-dimensional rotation electron diffraction: softwareREDfor automated data collection and data processing. Journal of Applied Crystallography, 2013, 46, 1863-1873. | 4.5 | 264 |
| 12 | Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. Nature Communications, 2018, 9, 1745. | 12.8 | 251 |
| 13 | Atomically precise single-crystal structures of electrically conducting 2D metalâ€“organic frameworks. Nature Materials, 2021, 20, 222-228. | 27.5 | 239 |
| 14 | 2D and 3D Porphyrinic Covalent Organic Frameworks: The Influence of Dimensionality on Functionality. Angewandte Chemie - International Edition, 2020, 59, 3624-3629. | 13.8 | 227 |
| 15 | Hierarchical Co(OH)F Superstructure Built by Lowâ€Dimensional Substructures for Electrocatalytic Water Oxidation. Advanced Materials, 2017, 29, 1700286. | 21.0 | 227 |
| 16 | Fine-Tuning of Crystal Packing and Charge Transport Properties of BDOPV Derivatives through Fluorine Substitution. Journal of the American Chemical Society, 2015, 137, 15947-15956. | 13.7 | 224 |
| 17 | Selective Adsorption of Sulfur Dioxide in a Robust Metalâ€“Organic Framework Material. Advanced Materials, 2016, 28, 8705-8711. | 21.0 | 214 |
| 18 | A zeolite family with chiral and achiral structures built from the same building layer. Nature Materials, 2008, 7, 381-385. | 27.5 | 205 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Structure and catalytic properties of the most complex intergrown zeolite ITQ-39 determined by electron crystallography. Nature Chemistry, 2012, 4, 188-194. | 13.6 | 178 |
| 20 | Reversible adsorption of nitrogen dioxide within a robust porous metalâ€“organic framework. Nature Materials, 2018, 17, 691-696. | 27.5 | 162 |
| 21 | Atomically Dispersed Mo Supported on Metallic Co<sub>9</sub>S<sub>8</sub> Nanoflakes as an Advanced Nobleâ€Metalâ€Free Bifunctional Water Splitting Catalyst Working in Universal pH Conditions. Advanced Energy Materials, 2020, 10, 1903137. | 19.5 | 162 |
| 22 | An Iron-based Film for Highly Efficient Electrocatalytic Oxygen Evolution from Neutral Aqueous Solution. ACS Applied Materials & Interfaces, 2015, 7, 21852-21859. | 8.0 | 161 |
| 23 | The intrinsic properties of FA<sub>(1â^'x)</sub>MA<sub>x</sub>PbI<sub>3</sub> perovskite single crystals. Journal of Materials Chemistry A, 2017, 5, 8537-8544. | 10.3 | 152 |
| 24 | Structural origin of the high-voltage instability of lithium cobalt oxide. Nature Nanotechnology, 2021, 16, 599-605. | 31.5 | 148 |
| 25 | Observation of Interpenetration Isomerism in Covalent Organic Frameworks. Journal of the American Chemical Society, 2018, 140, 6763-6766. | 13.7 | 144 |
| 26 | Facile Water-Based Strategy for Synthesizing MoO<sub>3â€“x</sub> Nanosheets: Efficient Visible Light Photocatalysts for Dye Degradation. ACS Omega, 2018, 3, 2193-2201. | 3.5 | 135 |
| 27 | A tri-continuous mesoporous material with a silica pore wall following a hexagonal minimal surface. Nature Chemistry, 2009, 1, 123-127. | 13.6 | 131 |
| 28 | Cyclotricatechylene based porous crystalline material: Synthesis and applications in gas storage. Journal of Materials Chemistry, 2012, 22, 5369. | 6.7 | 128 |
| 29 | Isostructural Threeâ€Dimensional Covalent Organic Frameworks. Angewandte Chemie - International Edition, 2019, 58, 9770-9775. | 13.8 | 126 |
| 30 | Irreversible Network Transformation in a Dynamic Porous Host Catalyzed by Sulfur Dioxide. Journal of the American Chemical Society, 2013, 135, 4954-4957. | 13.7 | 123 |
| 31 | Emergent superconductivity in an iron-based honeycomb lattice initiated by pressure-driven spin-crossover. Nature Communications, 2018, 9, 1914. | 12.8 | 119 |
| 32 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Li</mml:<br>Ion-exchange synthesis of large single-crystal and highly two-dimensional electron. Physical Review B, 2015, 92, . | 3.2 | 116 |
| 33 | Seeded growth of large single-crystal copper foils with high-index facets. Nature, 2020, 581, 406-410. | 27.8 | 116 |
| 34 | A Crystalline Three-Dimensional Covalent Organic Framework with Flexible Building Blocks. Journal of the American Chemical Society, 2021, 143, 2123-2129. | 13.7 | 105 |
| 35 | 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, 3749-3754. | 7.1 | 103 |
| 36 | Maximizing sinusoidal channels of HZSM-5 for high shape-selectivity to p-xylene. Nature Communications, 2019, 10, 4348. | 12.8 | 102 |

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|---|---|---|---|
| 37 | Organic hydrogen-bonded interpenetrating diamondoid frameworks from modular self-assembly of methanetetrabenzoic acid with linkers. CrystEngComm, 2009, 11, 978. | 2.6 | 97 |
| 38 | Highly Conducting Neutral Coordination Polymer with Infinite Two-Dimensional Silverâ€“Sulfur Networks. Journal of the American Chemical Society, 2018, 140, 15153-15156. | 13.7 | 97 |
| 39 | Loneâ€Pair Enhanced Birefringence in an Alkalineâ€Earth Metal Tin(II) Phosphate BaSn<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub>. Chemistry - A European Journal, 2019, 25, 5648-5651. | 3.3 | 95 |
| 40 | 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. | 13.7 | 91 |
| 41 | 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. | 6.1 | 91 |
| 42 | Self-Assembly of Cetyltrimethylammonium Bromide and Lamellar Zeolite Precursor for the Preparation of Hierarchical MWW Zeolite. Chemistry of Materials, 2016, 28, 4512-4521. | 6.7 | 88 |
| 43 | Cage Based Crystalline Covalent Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 3843-3848. | 13.7 | 84 |
| 44 | Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From pts to Unprecedented ljh. Journal of the American Chemical Society, 2021, 143, 7279-7284. | 13.7 | 84 |
| 45 | Highly crystalline covalent organic frameworks from flexible building blocks. Chemical Communications, 2016, 52, 4706-4709. | 4.1 | 83 |
| 46 | Twist Building Blocks from Planar to Tetrahedral for the Synthesis of Covalent Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 3718-3723. | 13.7 | 83 |
| 47 | Synthesis and Structure of Polymorph B of Zeolite Beta. Chemistry of Materials, 2008, 20, 3218-3223. | 6.7 | 80 |
| 48 | Achieving Highly Efficient Catalysts for Hydrogen Evolution Reaction by Electronic State Modification of Platinum on Versatile Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> (MXene). ACS Sustainable Chemistry and Engineering, 2019, 7, 4266-4273. | 6.7 | 79 |
| 49 | Single crystal of a one-dimensional metallo-covalent organic framework. Nature Communications, 2020, 11, 1434. | 12.8 | 77 |
| 50 | EMM-23: A Stable High-Silica Multidimensional Zeolite with Extra-Large Trilobe-Shaped Channels. Journal of the American Chemical Society, 2014, 136, 13570-13573. | 13.7 | 71 |
| 51 | A Germanosilicate Structure with 11Ã—11Ã—12â€Ring Channels Solved by Electron Crystallography. Angewandte Chemie - International Edition, 2014, 53, 5868-5871. | 13.8 | 69 |
| 52 | Application of X-ray Diffraction and Electron Crystallography for Solving Complex Structure Problems. Accounts of Chemical Research, 2017, 50, 2737-2745. | 15.6 | 69 |
| 53 | Microporous Aluminoborates with Large Channels: Structural and Catalytic Properties. Angewandte Chemie - International Edition, 2011, 50, 12555-12558. | 13.8 | 67 |
| 54 | Thermally/hydrolytically stable covalent organic frameworks from a rigid macrocyclic host. Chemical Communications, 2014, 50, 788-791. | 4.1 | 67 |

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|---|---|---|---|
| 55 | A<sub>2</sub>SnS<sub>5</sub>: A Structural Incommensurate Modulation Exhibiting Strong Secondâ€Harmonic Generation and a High Laserâ€Induced Damage Threshold (A=Ba, Sr). Angewandte Chemie - International Edition, 2020, 59, 11861-11865. | 13.8 | 67 |
| 56 | Recent Advances in the Synthesis and Application of Twoâ€Dimensional Zeolites. Advanced Energy Materials, 2016, 6, 1600441. | 19.5 | 65 |
| 57 | Organic Semiconducting Alloys with Tunable Energy Levels. Journal of the American Chemical Society, 2019, 141, 6561-6568. | 13.7 | 65 |
| 58 | Electron Crystallography Reveals Atomic Structures of Metalâ€“Organic Nanoplates with M<sub>12</sub>(μ<sub>3</sub>-O)<sub>8</sub>(μ<sub>3</sub>-OH)<sub>8</sub>(μ<sub>2</sub>-OH)<sub>6</sub> (M = Zr, Hf) Secondary Building Units. Inorganic Chemistry, 2017, 56, 8128-8134. | 4.6 | 62 |
| 59 | 3D Open-Framework Vanadoborate as a Highly Effective Heterogeneous Pre-catalyst for the Oxidation of Alkylbenzenes. Chemistry of Materials, 2013, 25, 5031-5036. | 6.7 | 61 |
| 60 | Selfâ€Supporting Metalâ€“Organic Layers as Singleâ€Site Solid Catalysts. Angewandte Chemie, 2016, 128, 5046-5050. | 2.0 | 61 |
| 61 | Nonâ€Interpenetrated Singleâ€Crystal Covalent Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 17991-17995. | 13.8 | 60 |
| 62 | The Exploration of Carrier Behavior in the Inverted Mixed Perovskite Singleâ€Crystal Solar Cells. Advanced Materials Interfaces, 2018, 5, 1800224. | 3.7 | 58 |
| 63 | Processing Natural Wood into an Efficient and Durable Solar Steam Generation Device. ACS Applied Materials & Interfaces, 2020, 12, 18165-18173. | 8.0 | 58 |
| 64 | Multistep nucleation and growth mechanisms of organic crystals from amorphous solid states. Nature Communications, 2019, 10, 3872. | 12.8 | 57 |
| 65 | Molybdenum Oxide Nanosheets with Tunable Plasmonic Resonance: Aqueous Exfoliation Synthesis and Charge Storage Applications. Advanced Functional Materials, 2019, 29, 1806699. | 14.9 | 55 |
| 66 | Diverse crystal size effects in covalent organic frameworks. Nature Communications, 2020, 11, 6128. | 12.8 | 55 |
| 67 | Rational design of crystalline two-dimensional frameworks with highly complicated topological structures. Nature Communications, 2019, 10, 4609. | 12.8 | 54 |
| 68 | Diphosphine-induced chiral propeller arrangement of gold nanoclusters for singlet oxygen photogeneration. Nano Research, 2018, 11, 5787-5798. | 10.4 | 53 |
| 69 | Organocatalytic Highly Enantioselective Conjugate Addition of Aldehydes to Alkylidine Malonates. Advanced Synthesis and Catalysis, 2008, 350, 657-661. | 4.3 | 52 |
| 70 | Monodisperse Sandwichâ€Like Coupled Quasiâ€Graphene Sheets Encapsulating Ni<sub>2</sub>P Nanoparticles for Enhanced Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 9229-9235. | 3.3 | 50 |
| 71 | Adsorption of Nitrogen Dioxide in a Redox-Active Vanadium Metalâ€“Organic Framework Material. Journal of the American Chemical Society, 2020, 142, 15235-15239. | 13.7 | 50 |
| 72 | Immobilization of a Molecular Ruthenium Catalyst on Hematite Nanorod Arrays for Water Oxidation with Stable Photocurrent. ChemSusChem, 2015, 8, 3242-3247. | 6.8 | 49 |

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|---|---|---|---|
| 73 | Redox-triggered switching in three-dimensional covalent organic frameworks. Nature Communications, 2020, 11, 4919. | 12.8 | 49 |
| 74 | New Barium Cobaltite Series Ban+1ConO3n+3(Co8O8):â€‰ Intergrowth Structure Containing Perovskite and CdI2-Type Layers. Inorganic Chemistry, 2006, 45, 9151-9153. | 4.0 | 48 |
| 75 | Construction of Mesoporous Frameworks with Vanadoborate Clusters. Angewandte Chemie - International Edition, 2014, 53, 3608-3611. | 13.8 | 46 |
| 76 | 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. | 7.1 | 45 |
| 77 | 2D and 3D Porphyrinic Covalent Organic Frameworks: The Influence of Dimensionality on Functionality. Angewandte Chemie, 2020, 132, 3653-3658. | 2.0 | 45 |
| 78 | Direct plasma phosphorization of Cu foam for Li ion batteries. Journal of Materials Chemistry A, 2020, 8, 16920-16925. | 10.3 | 44 |
| 79 | Tailoring the Pore Surface of 3D Covalent Organic Frameworks via Postâ€Synthetic Click Chemistry. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 44 |
| 80 | 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. | 6.7 | 43 |
| 81 | Adsorption Properties of MFM-400 and MFM-401 with CO<sub>2</sub> and Hydrocarbons: Selectivity Derived from Directed Supramolecular Interactions. Inorganic Chemistry, 2016, 55, 7219-7228. | 4.0 | 41 |
| 82 | CsSiB<sub>3</sub>O<sub>7</sub>: 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 |
| 83 | Hydroxyl free radical route to the stable siliceous Ti-UTL with extra-large pores for oxidative desulfurization. Chemical Communications, 2019, 55, 1390-1393. | 4.1 | 39 |
| 84 | Structure determination of the zeolite IM-5 using electron crystallography. Zeitschrift FÃ¼r Kristallographie, 2010, 225, 77-85. | 1.1 | 38 |
| 85 | A one-step water based strategy for synthesizing hydrated vanadium pentoxide nanosheets from VO<sub>2</sub>(B) as free-standing electrodes for lithium battery applications. Journal of Materials Chemistry A, 2016, 4, 17988-18001. | 10.3 | 38 |
| 86 | Guest-Binding-Induced Interhetero Hosts Charge Transfer Crystallization: Selective Coloration of Commonly Used Organic Solvents. Journal of the American Chemical Society, 2021, 143, 1553-1561. | 13.7 | 38 |
| 87 | Catalytic Water Oxidation by a Molecular Ruthenium Complex: Unexpected Generation of a Single-Site Water Oxidation Catalyst. Inorganic Chemistry, 2015, 54, 4611-4620. | 4.0 | 37 |
| 88 | Unusual Strong Incommensurate Modulation in a Tungsten-Bronze-Type Relaxor PbBiNb<sub>5</sub>O<sub>15</sub>. Journal of the American Chemical Society, 2015, 137, 13468-13471. | 13.7 | 37 |
| 89 | Covalently linking CuInS<sub>2</sub> quantum dots with a Re catalyst by click reaction for photocatalytic CO<sub>2</sub> reduction. Dalton Transactions, 2018, 47, 10775-10783. | 3.3 | 37 |
| 90 | A Deepâ€UV Nonlinear Optical Borosulfate with Incommensurate Modulations. Angewandte Chemie - International Edition, 2021, 60, 11457-11463. | 13.8 | 37 |

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|---|---|---|---|
| 91 | A Cuâ€Based Nanoparticulate Film as Superâ€Active and Robust Catalyst Surpasses Pt for Electrochemical H<sub>2</sub> Production from Neutral and Weak Acidic Aqueous Solutions. Advanced Energy Materials, 2016, 6, 1502319. | 19.5 | 36 |
| 92 | Divergent Chemistry Paths for 3D and 1D Metalloâ€Covalent Organic Frameworks (COFs). Angewandte Chemie - International Edition, 2020, 59, 11527-11532. | 13.8 | 35 |
| 93 | Crystal Growth and Structure Determination of Oxygen-Deficient Sr6Co5O15. Inorganic Chemistry, 2006, 45, 8394-8402. | 4.0 | 34 |
| 94 | Pd0.213Cd0.787 and Pd0.235Cd0.765 Structures: Their Longc Axis and Composite Crystals, Chemical Twinning, and Atomic Site Preferences. Chemistry - A European Journal, 2007, 13, 1394-1410. | 3.3 | 34 |
| 95 | An intriguing intermediate state as a bridge between antiferroelectric and ferroelectric perovskites. Materials Horizons, 2020, 7, 1912-1918. | 12.2 | 34 |
| 96 | PKU-3: An HCl-Inclusive Aluminoborate for Strecker Reaction Solved by Combining RED and PXRD. Journal of the American Chemical Society, 2015, 137, 7047-7050. | 13.7 | 33 |
| 97 | Elucidation of Adsorbate Structures and Interactions on BrÃ¸nsted Acid Sites in Hâ€ZSMâ€5 by Synchrotron Xâ€ray Powder Diffraction. Angewandte Chemie - International Edition, 2016, 55, 5981-5984. | 13.8 | 33 |
| 98 | A novel 1D independent metalâ€“organic nanotube based on cyclotriveratrylene ligand. CrystEngComm, 2012, 14, 112-115. | 2.6 | 31 |
| 99 | Isostructural Threeâ€Dimensional Covalent Organic Frameworks. Angewandte Chemie, 2019, 131, 9872-9877. | 2.0 | 31 |
| 100 | Unusual Long-Range Ordering Incommensurate Structural Modulations in an Organic Molecular Ferroelectric. Journal of the American Chemical Society, 2017, 139, 15900-15906. | 13.7 | 30 |
| 101 | Paramagnetic Conducting Metalâ€“Organic Frameworks with Threeâ€Dimensional Structure. Angewandte Chemie - International Edition, 2020, 59, 20873-20878. | 13.8 | 30 |
| 102 | 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, 201-207. | 4.0 | 29 |
| 103 | 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. | 4.1 | 28 |
| 104 | A silicogermanate with 20-ring channels directed by a simple quaternary ammonium cation. Dalton Transactions, 2013, 42, 1360-1363. | 3.3 | 27 |
| 105 | Accurate structure determination of a borosilicate zeolite EMM-26 with two-dimensional 10 Ã— 10 ring channels using rotation electron diffraction. Inorganic Chemistry Frontiers, 2016, 3, 1444-1448. | 6.0 | 27 |
| 106 | Ultraquantum magnetoresistance in the Kramers-Weyl semimetal candidate Î²â€™Ag2Se. Physical Review B, 2017, 96, . | 3.2 | 27 |
| 107 | 3D Electron Diffraction Unravels the New Zeolite ECNUâ€23 from the â€œPureâ€•Powder Sample of ECNUâ€21. Angewandte Chemie - International Edition, 2020, 59, 1166-1170. | 13.8 | 27 |
| 108 | Epitaxial growth of coreâ€“shell zeolite Xâ€“A composites. CrystEngComm, 2012, 14, 2204. | 2.6 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | A Crystalline Mesoporous Germanate with 48â€Ring Channels for CO<sub>2</sub> Separation. Angewandte Chemie - International Edition, 2015, 54, 7290-7294. | 13.8 | 26 |
| 110 | V2O5Â·nH2O nanosheets and multi-walled carbon nanotube composite as a negative electrode for sodium-ion batteries. Journal of Energy Chemistry, 2019, 30, 145-151. | 12.9 | 26 |
| 111 | Highly Conducting Organicâ€“Inorganic Hybrid Copper Sulfides Cu<sub>x</sub>C<sub>6</sub>S<sub>6</sub> (x=4 or 5.5): Ligandâ€Based Oxidationâ€Induced Chemical and Electronic Structure Modulation. Angewandte Chemie - International Edition, 2020, 59, 22602-22609. | 13.8 | 26 |
| 112 | Triptycene-based three-dimensional covalent organic frameworks with stp topology of honeycomb structure. Materials Chemistry Frontiers, 2021, 5, 944-949. | 5.9 | 26 |
| 113 | Open-Framework Germanate Built from the Hexagonal Packing of Rigid Cylinders. Inorganic Chemistry, 2009, 48, 9962-9964. | 4.0 | 25 |
| 114 | Water Oxidation Initiated by In Situ Dimerization of the Molecular Ru(pdc) Catalyst. ACS Catalysis, 2018, 8, 4375-4382. | 11.2 | 25 |
| 115 | Synthesis and Structure Determination of SCMâ€15: A 3D Large Pore Zeolite with Interconnected Straight 12Ã—12Ã—10â€Ring Channels. Chemistry - A European Journal, 2019, 25, 2184-2188. | 3.3 | 25 |
| 116 | SU-22 and SU-23: Layered Germanates Built from 4-Coordinated Ge<sub>7</sub> Clusters Exhibiting Structural Variations on the 4<sup>4</sup> Topology. Crystal Growth and Design, 2008, 8, 3695-3699. | 3.0 | 24 |
| 117 | Synthesis and Structure Determination of Largeâ€Pore Zeolite SCMâ€14. Chemistry - A European Journal, 2017, 23, 16829-16834. | 3.3 | 24 |
| 118 | Guest-Controlled Incommensurate Modulation in a Meta-Rigid Metalâ€“Organic Framework Material. Journal of the American Chemical Society, 2020, 142, 19189-19197. | 13.7 | 24 |
| 119 | Rare earth elements based oxide ion conductors. Inorganic Chemistry Frontiers, 2021, 8, 1374-1398. | 6.0 | 24 |
| 120 | Fourâ€Dimensional Space Groups for Pedestrians: Composite Structures. Chemistry - an Asian Journal, 2007, 2, 1204-1229. | 3.3 | 23 |
| 121 | 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. | 3.0 | 22 |
| 122 | A luminescent Zr-based metalâ€“organic framework for sensing/capture of nitrobenzene and high-pressure separation of CH<sub>4</sub>/C<sub>2</sub>H<sub>6</sub>. Journal of Materials Chemistry A, 2015, 3, 23493-23500. | 10.3 | 22 |
| 123 | A ruthenium water oxidation catalyst based on a carboxamide ligand. Dalton Transactions, 2016, 45, 3272-3276. | 3.3 | 21 |
| 124 | A heavy metal-free CuInS<sub>2</sub> quantum dot sensitized NiO photocathode with a Re molecular catalyst for photoelectrochemical CO<sub>2</sub> reduction. Chemical Communications, 2019, 55, 7918-7921. | 4.1 | 21 |
| 125 | Flexible Freestanding MoO 3â^' x â€“Carbon Nanotubesâ€“Nanocellulose Paper Electrodes for Chargeâ€Storage Applications. ChemSusChem, 2019, 12, 5157-5163. | 6.8 | 20 |
| 126 | Modulated structure determination and ion transport mechanism of oxide-ion conductor CeNbO4+Î´. Nature Communications, 2020, 11, 4751. | 12.8 | 20 |

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|---|---|---|---|
| 127 | Two Open-Framework Germanates with Nickel Complexes Incorporated into the Framework. Inorganic Chemistry, 2011, 50, 9921-9923. | 4.0 | 19 |
| 128 | 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. | 2.0 | 19 |
| 129 | Acetonitrileâ€Based Electrolytes for Rechargeable Zinc Batteries. Energy Technology, 2020, 8, 2000358. | 3.8 | 19 |
| 130 | A 3D 12â€Ring Zeolite with Ordered 4â€Ring Vacancies Occupied by (H<sub>2</sub>O)<sub>2</sub> Dimers. Chemistry - A European Journal, 2014, 20, 16097-16101. | 3.3 | 17 |
| 131 | Superconductivity in Perovskite Ba<sub>1â€“x</sub>Ln<sub>x</sub>(Bi<sub>0.20</sub>Pb<sub>0.80</sub>)O<sub>3â^Î´</sub> (Ln = La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu). Inorganic Chemistry, 2018, 57, 1269-1276. | 4.0 | 17 |
| 132 | Discovery of Complex Metal Oxide Materials by Rapid Phase Identification and Structure Determination. Journal of the American Chemical Society, 2019, 141, 4990-4996. | 13.7 | 17 |
| 133 | IDMâ€1: A Zeolite with Intersecting Medium and Extraâ€Large Pores Built as an Expansion of Zeolite MFI. Angewandte Chemie - International Edition, 2020, 59, 11283-11286. | 13.8 | 17 |
| 134 | Binding and separation of CO<sub>2</sub>, SO<sub>2</sub> and C<sub>2</sub>H<sub>2</sub> in homo- and hetero-metallic metalâ€“organic framework materials. Journal of Materials Chemistry A, 2021, 9, 7190-7197. | 10.3 | 17 |
| 135 | A<sub>2</sub>SnS<sub>5</sub>: A Structural Incommensurate Modulation Exhibiting Strong Secondâ€Harmonic Generation and a High Laserâ€Induced Damage Threshold (A=Ba, Sr). Angewandte Chemie, 2020, 132, 11959-11963. | 2.0 | 17 |
| 136 | Oneâ€Step Catalytic Enantioselective Î±â€Quaternary 5â€Hydroxyproline Synthesis: An Asymmetric Entry to Highly Functionalized Î±â€Quaternary Proline Derivatives. Advanced Synthesis and Catalysis, 2012, 354, 1156-1162. | 4.3 | 16 |
| 137 | Achiral Coâ€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. | 4.3 | 15 |
| 138 | Construct Polyoxometalate Frameworks through Covalent Bonds. Inorganic Chemistry, 2015, 54, 8699-8704. | 4.0 | 15 |
| 139 | Hierarchical Shellâ€Like ZSMâ€5 with Tunable Porosity Synthesized by using a Dissolutionâ€“Recrystallization Approach. Chemistry - A European Journal, 2018, 24, 14974-14981. | 3.3 | 15 |
| 140 | HPMâ€14: A New Germanosilicate Zeolite with Interconnected Extraâ€Large Pores Plus Oddâ€Membered and Small Pores**. Angewandte Chemie - International Edition, 2021, 60, 3438-3442. | 13.8 | 15 |
| 141 | Structureâ€“direction towards the new large pore zeolite NUD-3. Chemical Communications, 2021, 57, 191-194. | 4.1 | 15 |
| 142 | Structure determination of zeolites and ordered mesoporous materials by electron crystallography. Dalton Transactions, 2010, 39, 8355. | 3.3 | 14 |
| 143 | Elucidation of Adsorbate Structures and Interactions on BrÃ¸nsted Acid Sites in Hâ€ZSMâ€5 by Synchrotron Xâ€ray Powder Diffraction. Angewandte Chemie, 2016, 128, 6085-6088. | 2.0 | 14 |
| 144 | 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. | 5.2 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Synthesis, structure, and superconductivity of B-site doped perovskite bismuth lead oxide with indium. Inorganic Chemistry Frontiers, 2020, 7, 3561-3570. | 6.0 | 14 |
| 146 | Design and Synthesis of a Zeolitic Organic Framework**. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 14 |
| 147 | Construction of 3-fold interpenetrated pcu organic frameworks from methanetetrabenzoic acid with zigzag bipyridines. CrystEngComm, 2009, 11, 2277. | 2.6 | 13 |
| 148 | BiMnFe2O6, a polysynthetically twinned hcp MO structure. Chemical Science, 2010, 1, 751. | 7.4 | 13 |
| 149 | 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. | 3.0 | 13 |
| 150 | Disorder in Extra-Large Pore Zeolite ITQ-33 Revealed by Single Crystal XRD. Crystal Growth and Design, 2013, 13, 4168-4171. | 3.0 | 13 |
| 151 | Layered Vâ€“Bâ€“O polyoxometalate nets linked by diethylenetriamine complexes with dangling amine groups. Dalton Transactions, 2014, 43, 15283-15286. | 3.3 | 13 |
| 152 | Undulated 2D Covalent Organic Frameworks Based on Bowlâ€Shaped Cyclotricatechylene. Chinese Journal of Chemistry, 2016, 34, 783-787. | 4.9 | 13 |
| 153 | Structure modulations in nonlinear optical (NLO) materials Cs2TB4O9(T= Ge, Si). Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 194-200. | 1.1 | 13 |
| 154 | Synthesis and characterization of germanosilicate molecular sieves: GeO<sub>2</sub>/SiO<sub>2</sub> ratio, H<sub>2</sub>O/TO<sub>2</sub> ratio and temperature. Dalton Transactions, 2017, 46, 2270-2280. | 3.3 | 13 |
| 155 | Synthesis, structure and magnetic properties of (Eu1âˆ’xMnx)MnO3âˆ’Î´. RSC Advances, 2017, 7, 2019-2024. | 3.6 | 13 |
| 156 | A complicated quasicrystal approximant âˆ¼<sub>16</sub>predicted by the strong-reflections approach. Acta Crystallographica Section B: Structural Science, 2010, 66, 17-26. | 1.8 | 12 |
| 157 | Approaching the structure of REBaB9O16 (RE = rare earth) by characterization of a new analogue Ba6Bi9B79O138. Journal of Materials Chemistry C, 2015, 3, 4431-4437. | 5.5 | 12 |
| 158 | A multi-dimensional quasi-zeolite with 12 Ã— 10 Ã— 7-ring channels demonstrates high thermal stability and good gas adsorption selectivity. Chemical Science, 2016, 7, 3025-3030. | 7.4 | 12 |
| 159 | Insights into the Exfoliation Process of V<sub>2</sub>O<sub>5</sub>·nH<sub>2</sub>O Nanosheet Formation Using Real-Time <sup>51</sup>V NMR. ACS Omega, 2019, 4, 10899-10905. | 3.5 | 12 |
| 160 | IDMâ€1: A Zeolite with Intersecting Medium and Extraâ€Large Pores Built as an Expansion of Zeolite MFI. Angewandte Chemie, 2020, 132, 11379-11382. | 2.0 | 12 |
| 161 | Phase Equilibrium of the In2O3âˆ’TiO2âˆ’MO (M = Ca, Sr) Systems and the Structure of In6Ti6CaO22. Chemistry of Materials, 2005, 17, 2186-2192. | 6.7 | 11 |
| 162 | Enhancement of Ferroelectricity for Orthorhombic (Tb<sub>0.861</sub>Mn<sub>0.121</sub>)MnO<sub>3</sub> by Copper Doping. Inorganic Chemistry, 2017, 56, 3475-3482. | 4.0 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Crystallization of a Novel Germanosilicate ECNUâ€16 Provides Insights into the Spaceâ€Filling Effect on Zeolite Crystal Symmetry. Chemistry - A European Journal, 2018, 24, 9247-9253. | 3.3 | 11 |
| 164 | A Deepâ€UV Nonlinear Optical Borosulfate with Incommensurate Modulations. Angewandte Chemie, 2021, 133, 11558-11564. | 2.0 | 11 |
| 165 | EMM-25: The Structure of Two-Dimensional 11 Ã— 10 Medium-Pore Borosilicate Zeolite Unraveled Using 3D Electron Diffraction. Chemistry of Materials, 2021, 33, 4146-4153. | 6.7 | 11 |
| 166 | Tailoring the Pore Surface of 3D Covalent Organic Frameworks via Postâ€Synthetic Click Chemistry. Angewandte Chemie, 2022, 134, . | 2.0 | 11 |
| 167 | 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. | 3.0 | 10 |
| 168 | Alkene Epoxidation Catalysts [Ru(pdc)(tpy)] and [Ru(pdc)(pybox)] Revisited: Revealing a Unique Ru<sup>IV</sup>â•O Structure from a Dimethyl Sulfoxide Coordinating Complex. ACS Catalysis, 2015, 5, 3966-3972. | 11.2 | 10 |
| 169 | Structure determination of modulated structures by powder X-ray diffraction and electron diffraction. Inorganic Chemistry Frontiers, 2016, 3, 1351-1362. | 6.0 | 10 |
| 170 | Superconductivity of Perovskite Ba1â^'x Y x (Bi0.2Pb0.8)O3â^'Î'. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1705-1712. | 1.8 | 10 |
| 171 | Divergent Chemistry Paths for 3D and 1D Metalloâ€Covalent Organic Frameworks (COFs). Angewandte Chemie, 2020, 132, 11624-11629. | 2.0 | 10 |
| 172 | Atomic-resolution structures from polycrystalline covalent organic frameworks with enhanced cryo-cRED. Nature Communications, 2022, 13, . | 12.8 | 10 |
| 173 | One dimensional infinite water wires incorporated in isostructural organic crystalline supermolecules with zwitterionic channels. CrystEngComm, 2011, 13, 1287-1290. | 2.6 | 9 |
| 174 | Three low-dimensional open-germanates based on the 44 net. CrystEngComm, 2012, 14, 5465. | 2.6 | 9 |
| 175 | Stepwise tuning of the substituent groups from mother BTB ligands to two hexaphenylbenzene based ligands for construction of diverse coordination polymers. CrystEngComm, 2013, 15, 8511. | 2.6 | 9 |
| 176 | Germanate with Three-Dimensional 12 Ã— 12 Ã— 11-Ring Channels Solved by X-ray Powder Diffraction with Charge-Flipping Algorithm. Inorganic Chemistry, 2013, 52, 10238-10244. | 4.0 | 9 |
| 177 | Stomata-like metal peptide coordination polymer. Journal of Materials Chemistry A, 2017, 5, 23440-23445. | 10.3 | 9 |
| 178 | Photoinduced synthesis of Bi<sub>2</sub>O<sub>3</sub> nanotubes based on oriented attachment. Journal of Materials Chemistry A, 2019, 7, 1424-1428. | 10.3 | 9 |
| 179 | Crystal structure and optical performance analysis of a new type of persistent luminescence material with multi-functional application prospects. Journal of Energy Chemistry, 2022, 69, 150-160. | 12.9 | 9 |
| 180 | Achieving ultrahigh electrochemical performance by surface design and nanoconfined water manipulation. National Science Review, 2022, 9, . | 9.5 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | An Open-Framework Aluminophosphite with Face-Sharing AlO<sub>6</sub> Octahedra Dimers and Extra-Large 14-Ring Channels. Crystal Growth and Design, 2018, 18, 1267-1271. | 3.0 | 8 |
| 182 | 3D Electron Diffraction Unravels the New Zeolite ECNUâ€23 from the â€œPureâ€•Powder Sample of ECNUâ€21. Angewandte Chemie, 2020, 132, 1182-1186. | 2.0 | 8 |
| 183 | An Intriguing Polarization Configuration of Mixed Ising- and NÃ©el-Type Model in the Prototype PbZrO<sub>3</sub>-Based Antiferroelectrics. Inorganic Chemistry, 2021, 60, 3232-3237. | 4.0 | 8 |
| 184 | Borates as a new direction in the design of oxide ion conductors. Science China Materials, 2022, 65, 2737-2745. | 6.3 | 8 |
| 185 | Supra-molecular assembly of aromatic proton sponges to direct the crystallization of extra-large-pore zeotypes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140107. | 2.1 | 7 |
| 186 | Topotactic Reduction toward a Noncentrosymmetric Deficient Perovskite Tb<sub>0.50</sub>Ca<sub>0.50</sub>Mn<sub>0.96</sub>O<sub>2.37</sub> with Ordered Mn Vacancies and Piezoelectric Behavior. Chemistry of Materials, 2017, 29, 9840-9850. | 6.7 | 7 |
| 187 | Synthesis and crystal structure of Sr<sub>3</sub>Bi<sub>2</sub>O<sub>6</sub> and structural change in the strontiumâ€“bismuth-oxide system. Dalton Transactions, 2018, 47, 1888-1894. | 3.3 | 7 |
| 188 | A Facile and Green Method for the Synthesis of SFE Borosilicate Zeolite and Its Heteroatomâ€Substituted Analogues with Promising Catalytic Performances. Chemistry - A European Journal, 2018, 24, 306-311. | 3.3 | 7 |
| 189 | Synthesis and Structure of a Layered Fluoroaluminophosphate and Its Transformation to a Three-Dimensional Zeotype Framework. Inorganic Chemistry, 2018, 57, 11753-11760. | 4.0 | 7 |
| 190 | One-pot synthesis of Cu-modified HNb<sub>3</sub>O<sub>8</sub> nanobelts with enhanced photocatalytic hydrogen production. Journal of Materials Chemistry A, 2018, 6, 10769-10775. | 10.3 | 7 |
| 191 | Superconductivity in Perovskite Ba<sub>1âˆ'x</sub>K<sub>x</sub>Bi<sub>0.30</sub>Pb<sub>0.70</sub>O<sub>3âˆ'Î´</sub>. ChemistrySelect, 2019, 4, 3135-3139. | 1.5 | 7 |
| 192 | An NHC-CuCl functionalized metalâ€“organic framework for catalyzing Î²-boration of Î±,Î²-unsaturated carbonyl compounds. Dalton Transactions, 2019, 48, 5144-5148. | 3.3 | 7 |
| 193 | Stable, Efficient, Copper Coordination Polymer-Derived Heterostructured Catalyst for Oxygen Evolution under pH-Universal Conditions. ACS Applied Materials & Interfaces, 2021, 13, 25461-25471. | 8.0 | 7 |
| 194 | SU-75: a disordered Ge10 germanate with pcu topology. Dalton Transactions, 2012, 41, 12358. | 3.3 | 6 |
| 195 | SU-79: a novel germanate with 3D 10- and 11-ring channels templated by a square-planar nickel complex. Inorganic Chemistry Frontiers, 2014, 1, 278-283. | 6.0 | 6 |
| 196 | Multiferroicity Broken by Commensurate Magnetic Ordering in Terbium Orthomanganite. ChemPhysChem, 2016, 17, 1098-1103. | 2.1 | 6 |
| 197 | A crystalline AlPO4-5 intermediate: designed synthesis, structure, and phase transformation. Dalton Transactions, 2017, 46, 12209-12216. | 3.3 | 6 |
| 198 | Highly Diastereoâ€•and Enantioselective Cascade Synthesis of Bicyclic Lactams in Oneâ€Pot. European Journal of Organic Chemistry, 2018, 2018, 1158-1164. | 2.4 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Room Temperature Zero Thermal Expansion in a Cubic Cobaltite. Journal of Physical Chemistry Letters, 2020, 11, 6785-6790. | 4.6 | 6 |
| 200 | Guest-Induced Switching of a Molecule-Based Magnet in a 3dâ€“4f Heterometallic Cluster-Based Chain Structure. Inorganic Chemistry, 2021, 60, 633-641. | 4.0 | 6 |
| 201 | PKU-20: A new silicogermanate constructed from sti and asv layers. Microporous and Mesoporous Materials, 2016, 224, 384-391. | 4.4 | 5 |
| 202 | Hydrothermal assembly of various dimensional pure-inorganic copperâ€“molybdenum frameworks. CrystEngComm, 2016, 18, 521-524. | 2.6 | 5 |
| 203 | Nonmetallic metal toward a pressure-induced bad-metal state in two-dimensional Cu<sub>3</sub>LiRu<sub>2</sub>O<sub>6</sub>. Chemical Communications, 2020, 56, 265-268. | 4.1 | 5 |
| 204 | Nonâ€Interpenetrated Singleâ€Crystal Covalent Organic Frameworks. Angewandte Chemie, 2020, 132, 18147-18151. | 2.0 | 5 |
| 205 | HPMâ€14: A New Germanosilicate Zeolite with Interconnected Extraâ€Large Pores Plus Oddâ€Membered and Small Pores**. Angewandte Chemie, 2021, 133, 3480-3484. | 2.0 | 5 |
| 206 | SCM-25: A Zeolite with Ordered Meso-cavities Interconnected by 12ÂÃ—Â12ÂÃ—Â10-Ring Channels Determined by 3D Electron Diffraction. Inorganic Chemistry, 2022, 61, 4371-4377. | 4.0 | 5 |
| 207 | DMAP-Induced Gallium Phosphites with Different Dimensionality. Crystal Growth and Design, 2019, 19, 6011-6016. | 3.0 | 4 |
| 208 | An Interrupted Zeolite PKUâ€26 and Its Transformation to a Fully Fourâ€Connected Zeolite PKUâ€27 upon Calcination. Chemistry - A European Journal, 2019, 25, 3219-3223. | 3.3 | 4 |
| 209 | Superconductivity in Perovskite Ba0.85â^'xLaxPr0.15(Bi0.20Pb0.80)O3â^'Î´. Journal of Superconductivity and Novel Magnetism, 2019, 32, 167-173. | 1.8 | 4 |
| 210 | Paramagnetic Conducting Metalâ€“Organic Frameworks with Threeâ€Dimensional Structure. Angewandte Chemie, 2020, 132, 21059-21064. | 2.0 | 4 |
| 211 | Rational Manipulation of Stacking Arrangements in Threeâ€Dimensional Zeolites Built from Twoâ€Dimensional Zeolitic Nanosheets. Angewandte Chemie - International Edition, 2020, 59, 19934-19939. | 13.8 | 4 |
| 212 | Structure determination of [3Fe2S] complex with complicated pseudo-merohedric twinning. Zeitschrift FÃ¼r Kristallographie, 2012, 227, 221-226. | 1.1 | 3 |
| 213 | Three-Dimensional Open-Framework Germanate Built from a Novel Ge<sub>13</sub> Cluster and Containing Two Types of Chiral Layers. Crystal Growth and Design, 2018, 18, 928-933. | 3.0 | 3 |
| 214 | Mechanistic Insights into Solid-State p-Type Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2019, 123, 26151-26160. | 3.1 | 3 |
| 215 | Quasicrystal-related mosaics with periodic lattices interlaid with aperiodic tiles. Acta Crystallographica Section A: Foundations and Advances, 2020, 76, 137-144. | 0.1 | 3 |
| 216 | Volcanic relationship between wettability of the interface and water migration rate in solar steam generation systems. Nano Research, 0, , 1. | 10.4 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | 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 |
| 218 | Crystalline Sponge Method by Three-Dimensional Electron Diffraction. Frontiers in Molecular Biosciences, 2021, 8, 821927. | 3.5 | 3 |
| 219 | Accurate structure determination of nanocrystals by continuous precession electron diffraction tomography. Science China Materials, 2022, 65, 1417-1420. | 6.3 | 3 |
| 220 | Mullite-derivative Bi2MnxAl7â^'xO14 (xâ^¼ 1): structure determination by powder X-ray diffraction from a multi-phase sample. Dalton Transactions, 2012, 41, 2884. | 3.3 | 2 |
| 221 | Synthesis, Structure, and Properties of the Non-Centrosymmeteric Compound LiNaRbB<sub>5</sub>O<sub>8</sub>(OH)<sub>2</sub>. Crystal Growth and Design, 2018, 18, 5745-5749. | 3.0 | 2 |
| 222 | A New Layered Silicogermanate PKU-23 and Its Transformation to a Zeolite with Three-Dimensional Channels. Crystal Growth and Design, 2019, 19, 2272-2278. | 3.0 | 2 |
| 223 | Synthesis and characterizations of TiNâ€“SBA-15 mesoporous materials for CO<sub>2</sub> dry reforming enhancement. Pure and Applied Chemistry, 2020, 92, 545-556. | 1.9 | 2 |
| 224 | Highly Conducting Organicâ€“Inorganic Hybrid Copper Sulfides Cu x C 6 S 6 (x=4 or 5.5): Ligandâ€Based Oxidationâ€Induced Chemical and Electronic Structure Modulation. Angewandte Chemie, 2020, 132, 22791-22798. | 2.0 | 2 |
| 225 | Synthesis of crystalline WS<sub>3</sub> with a layered structure and desert-rose-like morphology. Nanoscale Advances, 2022, 4, 1626-1631. | 4.6 | 2 |
| 226 | Collective and individual impacts of the cascade doping of alkali cations in perovskite single crystals. Journal of Materials Chemistry C, 2020, 8, 15351-15360. | 5.5 | 1 |
| 227 | A general method for searching for homometric structures. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 14-19. | 1.1 | 1 |
| 228 | Constructing Concentration and Temperature Controllable Blue-Green Emission in a Single-Component Solid-State Phosphor. Journal of Physical Chemistry C, 2021, 125, 27420-27428. | 3.1 | 1 |
| 229 | Quantitative Electron Diffraction for Crystal Structure Determination. Materials Research Society Symposia Proceedings, 2009, 1184, 31. | 0.1 | 0 |
| 230 | RÃ¼cktitelbild: A Tailor-Made Molecular Ruthenium Catalyst for the Oxidation of Water and Its Deactivation through Poisoning by Carbon Monoxide (Angew. Chem. 15/2013). Angewandte Chemie, 2013, 125, 4370-4370. | 2.0 | 0 |
| 231 | RÃ¼cktitelbild: Elucidation of Adsorbate Structures and Interactions on BrÃ¸nsted Acid Sites in Hâ€ZSMâ€5 by Synchrotron Xâ€ray Powder Diffraction (Angew. Chem. 20/2016). Angewandte Chemie, 2016, 128, 6214-6214. | 2.0 | 0 |
| 232 | InnenrÃ¼cktitelbild: Self-Supporting Metal-Organic Layers as Single-Site Solid Catalysts (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 | 2.0 | 0 |
| 233 | Electrocatalysis: Hierarchical Co(OH)F Superstructure Built by Lowâ€Dimensional Substructures for Electrocatalytic Water Oxidation (Adv. Mater. 28/2017). Advanced Materials, 2017, 29, . | 21.0 | 0 |
| 234 | PKUâ€21: A Novel Layered Germanate Built from Ge<sub>7</sub> and Ge<sub>10</sub> Clusters for CO<sub>2</sub> Separation. Chemistry - A European Journal, 2017, 23, 17879-17884. | 3.3 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Frontispiece: A Facile and Green Method for the Synthesis of SFE Borosilicate Zeolite and Its Heteroatomâ€Substituted Analogues with Promising Catalytic Performances. Chemistry - A European Journal, 2018, 24, . | 3.3 | 0 |
| 236 | Effect of zinc doping on structural, magnetic and dielectric properties of perovskite (Tb0.874Mn0.106)MnO3â˜Î´. Journal of Materials Science: Materials in Electronics, 2018, 29, 16543-16552. | 2.2 | 0 |
| 237 | Discovery of Layered Indium Hydroxide via a Hydroperoxyl Anion Coordinated Precursor at Room Temperature. Chemistry - A European Journal, 2018, 24, 15491-15494. | 3.3 | 0 |
| 238 | Synthesis, characterization and structure of (NH<sub>4</sub>)<sub>4</sub>[Zn<sub>5</sub>VIV4VV16O<sub>56</sub>H<sub>2</sub>(H<sub>2</sub>O)<sub>8</sub>]<sub>4</sub> with a novel V<sub>5</sub>O<sub>14</sub> layer. Dalton Transactions, 2019, 48, 4906-4911. | 3.3 | 0 |
| 239 | Rational Manipulation of Stacking Arrangements in Threeâ€Dimensional Zeolites Built from Twoâ€Dimensional Zeolitic Nanosheets. Angewandte Chemie, 2020, 132, 20106-20111. | 2.0 | 0 |
| 240 | Design and Synthesis of a Zeolitic Organic Framework. Angewandte Chemie, 0, , . | 2.0 | 0 |
| 241 | Synthesis, Structure and Superconducting Properties of Ba1-xLax/4K3x/4(Bi0.25Pb0.75)O3- Perovskites. Physica C: Superconductivity and Its Applications, 2022, 598, 1354075. | 1.2 | 0 |