

Zhi Chen

List of Publications by Year in descending order

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papers

2,417
citations

218677

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docs citations

63
times ranked

3177
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Chiral self-assembly of terminal alkyne and selenium clusters organic-inorganic hybrid. Nano Research, 2022, 15, 2741-2745. | 10.4 | 3 |
| 2 | Terpyridine-Based 3D Discrete Metallosupramolecular Architectures. Macromolecular Rapid Communications, 2022, 43, e2200004. | 3.9 | 16 |
| 3 | Sub-Angstrom Imaging of Nondegenerate Kekulé Structures in a Two-Dimensional Halogen-Bonded Supramolecular Network. Journal of Physical Chemistry C, 2022, 126, 4241-4247. | 3.1 | 5 |
| 4 | Metallo-Supramolecular Octahedral Cages with Three Types of Chirality towards Spontaneous Resolution. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 24 |
| 5 | High Rate and Long Lifespan Sodium-Organic Batteries Using Pseudocapacitive Porphyrin Complexes-Based Cathode. Nano-Micro Letters, 2021, 13, 71. | 27.0 | 24 |
| 6 | A Self-Conditioned Metalloporphyrin as a Highly Stable Cathode for Fast Rechargeable Magnesium Batteries. ChemSusChem, 2021, 14, 1840-1846. | 6.8 | 17 |
| 7 | Environment-Resistant DNA Origami Crystals Bridged by Rigid DNA Rods with Adjustable Unit Cells. Nano Letters, 2021, 21, 3581-3587. | 9.1 | 13 |
| 8 | Atomic Imaging of Electrically Switchable Striped Domains in In_2Se_3 . Advanced Science, 2021, 8, e2100713. | 11.2 | 22 |
| 9 | 2D materials for bone therapy. Advanced Drug Delivery Reviews, 2021, 178, 113970. | 13.7 | 23 |
| 10 | Study on the electron transfer capability of porphyrin ring and the mechanisms in the catalytic denitrification. Biochemical Engineering Journal, 2021, 175, 108010. | 3.6 | 2 |
| 11 | Designing narcissistic self-sorting terpyridine moieties with high coordination selectivity for complex metallo-supramolecules. Communications Chemistry, 2021, 4, . | 4.5 | 11 |
| 12 | Exploring Ferroelectric Switching in In_2Se_3 for Neuromorphic Computing. Advanced Functional Materials, 2020, 30, 2004609. | 14.9 | 119 |
| 13 | An Anomalous Magneto-Optic Effect in Epitaxial Indium Selenide Layers. Nano Letters, 2020, 20, 5330-5338. | 9.1 | 10 |
| 14 | Copper Porphyrin as a Stable Cathode for High-Performance Rechargeable Potassium Organic Batteries. ChemSusChem, 2020, 13, 2286-2294. | 6.8 | 54 |
| 15 | Room Temperature Commensurate Charge Density Wave on Epitaxially Grown Bilayer 2H-Tantalum Sulfide on Hexagonal Boron Nitride. ACS Nano, 2020, 14, 3917-3926. | 14.6 | 27 |
| 16 | Chemically Exfoliated VSe_2 Monolayers with Room-Temperature Ferromagnetism. Advanced Materials, 2019, 31, e1903779. | 21.0 | 251 |
| 17 | A Lithium-Free Energy Storage Device Based on an Alkyne-Substituted Porphyrin Complex. ChemSusChem, 2019, 12, 3737-3741. | 6.8 | 24 |
| 18 | On-Surface Activation of Trimethylsilyl-Terminated Alkynes on Coinage Metal Surfaces. ChemPhysChem, 2019, 20, 2382-2393. | 2.1 | 10 |

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|----|---|------|-----------|
| 19 | Surface-Dependent Chemoselectivity in C-C Coupling Reactions. <i>Angewandte Chemie</i> , 2019, 131, 8444-8449. | 2.0 | 0 |
| 20 | Surface-Dependent Chemoselectivity in C-C Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8356-8361. | 13.8 | 7 |
| 21 | Monitoring the Electrochemical Energy Storage Processes of an Organic Full Rechargeable Battery via Operando Raman Spectroscopy: A Mechanistic Study. <i>Chemistry of Materials</i> , 2019, 31, 3239-3247. | 6.7 | 39 |
| 22 | New Organic Electrode Materials for Ultrafast Electrochemical Energy Storage. <i>Advanced Materials</i> , 2019, 31, e1806599. | 21.0 | 64 |
| 23 | Hydrogen bond guided synthesis of close-packed one-dimensional graphdiyne on the Ag(111) surface. <i>Chemical Science</i> , 2019, 10, 10849-10852. | 7.4 | 10 |
| 24 | Interface Engineering of Au(111) for the Growth of 1T-MoSe ₂ . <i>ACS Nano</i> , 2019, 13, 2316-2323. | 14.6 | 31 |
| 25 | Complex supramolecular interfacial tessellation through convergent multi-step reaction of a dissymmetric simple organic precursor. <i>Nature Chemistry</i> , 2018, 10, 296-304. | 13.6 | 68 |
| 26 | A belt-like one-dimensional Dy chain exhibiting slow magnetic relaxation behavior. <i>Dalton Transactions</i> , 2018, 47, 15298-15302. | 3.3 | 4 |
| 27 | One-dimensional Lanthanide Coordination Polymers Based on Butylene-2,2'-bis(oxybenzoic Acid), with Dy-compound Exhibiting White Light Emission. <i>Inorganic Chemistry Communication</i> , 2018, 94, 108-113. | 3.9 | 2 |
| 28 | Epitaxy-Induced Assembly and Enantiomeric Switching of an On-Surface Formed Dinuclear Organocobalt Complex. <i>ACS Nano</i> , 2017, 11, 1347-1359. | 14.6 | 8 |
| 29 | One-Dimensionally Disordered Chiral Sorting by Racemic Tiling in a Surface-Confined Supramolecular Assembly of Achiral Tectons. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7797-7802. | 13.8 | 24 |
| 30 | A Porphyrin Complex as a Self-Conditioned Electrode Material for High-Performance Energy Storage. <i>Angewandte Chemie</i> , 2017, 129, 10477-10482. | 2.0 | 31 |
| 31 | A Porphyrin Complex as a Self-Conditioned Electrode Material for High-Performance Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10341-10346. | 13.8 | 94 |
| 32 | One-Dimensionally Disordered Chiral Sorting by Racemic Tiling in a Surface-Confined Supramolecular Assembly of Achiral Tectons. <i>Angewandte Chemie</i> , 2017, 129, 7905-7910. | 2.0 | 6 |
| 33 | Terminal Alkyne Coupling on a Corrugated Noble Metal Surface: From Controlled Precursor Alignment to Selective Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 15588-15593. | 3.3 | 19 |
| 34 | 1D and 2D Graphdienes: Recent Advances on the Synthesis at Interfaces and Potential Nanotechnological Applications. <i>Annalen Der Physik</i> , 2017, 529, 1700056. | 2.4 | 38 |
| 35 | Novel lanthanide coordination polymers with Eu-compound exhibits warm white light emission: Synthesis, structure, and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2016, 70, 51-55. | 3.9 | 8 |
| 36 | C-Au Covalently Bonded Molecular Junctions Using Nonprotected Alkynyl Anchoring Groups. <i>Journal of the American Chemical Society</i> , 2016, 138, 8465-8469. | 13.7 | 42 |

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|----|--|-----|-----------|
| 37 | Assembly of single molecular magnets from dinuclear to 2D Dy-compounds with significant change of relaxation energy barriers. Dalton Transactions, 2016, 45, 85-88. | 3.3 | 25 |
| 38 | Bi ₂ O ₃ nanoparticles encapsulated in surface mounted metal-organic framework thin films. Nanoscale, 2016, 8, 6468-6472. | 5.6 | 30 |
| 39 | Synthesis, characterization, monolayer assembly and 2D lanthanide coordination of a linear terphenyl-di(propionitrile) linker on Ag(111). Beilstein Journal of Nanotechnology, 2015, 6, 327-335. | 2.8 | 6 |
| 40 | Synthesis of Extended Graphdiyne Wires by Vicinal Surface Templating. Nano Letters, 2014, 14, 1891-1897. | 9.1 | 165 |
| 41 | Structures, luminescent and magnetic properties of six lanthanide-organic frameworks: observation of slow magnetic relaxation behavior in the DyIII compound. Dalton Transactions, 2013, 42, 3587. | 3.3 | 100 |
| 42 | Structures, Luminescence, and Magnetic Properties of Several Three-Dimensional Lanthanide-Organic Frameworks Comprising 4-Carboxyphenoxy Acetic Acid. Crystal Growth and Design, 2012, 12, 5203-5210. | 3.0 | 55 |
| 43 | Syntheses, Structures Tuned by 4,4'-Bipyridine and Magnetic Properties of a Series of Transition Metal Compounds Containing <i>o</i> -Carboxylphenoxyacetate Acid. Crystal Growth and Design, 2012, 12, 1201-1211. | 3.0 | 38 |
| 44 | Temperature-Controlled Chiral and Achiral Copper Tetrazolate Metal-Organic Frameworks: Syntheses, Structures, and I ₂ Adsorption. Inorganic Chemistry, 2012, 51, 2303-2310. | 4.0 | 82 |
| 45 | Two-Dimensional 3d ^{4f} Networks Containing Planar Co ₄ Ln ₂ Clusters with Single-Molecule-Magnet Behaviors. Inorganic Chemistry, 2012, 51, 7433-7435. | 4.0 | 105 |
| 46 | Novel flexible bis-triazole bridged copper(ii) coordination polymers varying from one- to three-dimensionality. CrystEngComm, 2012, 14, 2032. | 2.6 | 20 |
| 47 | Structures and magnetic properties of several novel lanthanide coordination polymers based on thiophene-2,5-dicarboxylic acid. Science China Chemistry, 2012, 55, 1073-1078. | 8.2 | 19 |
| 48 | Synthesis, crystal structure and characterization of two Cu(II) complexes assembled with flexible bistriazole butane. Inorganic Chemistry Communication, 2011, 14, 1302-1305. | 3.9 | 5 |
| 49 | Syntheses, Structures, and Photoluminescence of a Series of Three-Dimensional Cd(II) Frameworks with a Flexible Ligand, 1,5-Bis(5-tetrazolo)-3-oxapentane. Crystal Growth and Design, 2010, 10, 4370-4378. | 3.0 | 114 |
| 50 | A New Type of Entanglement Involving Ribbons of Rings and Two Different Kinds of 2D (4,4) Networks (2D + 2D + 1D) Polycatenated in a 3D Supramolecular Architecture. Crystal Growth and Design, 2010, 10, 3847-3849. | 3.0 | 27 |
| 51 | Synthesis, structure and property of serial <i>p</i> -carboxylphenoxyacetate-lanthanide coordination polymers. Science Bulletin, 2009, 54, 4296-4302. | 9.0 | 3 |
| 52 | Fabrication and Properties of Eight Novel Lanthanide-Organic Frameworks Based on 4-Hydroxypyran-2,6-dicarboxylate and 4-Hydroxypyridine-2,6-dicarboxylate. Crystal Growth and Design, 2009, 9, 4006-4016. | 3.0 | 31 |
| 53 | A Purely Lanthanide-Based Complex Exhibiting Ferromagnetic Coupling and Slow Magnetic Relaxation Behavior. Inorganic Chemistry, 2009, 48, 3493-3495. | 4.0 | 128 |
| 54 | A porous 3D heterometal-organic framework containing both lanthanide and high-spin Fe(ii) ions. Chemical Communications, 2009, , 3113. | 4.1 | 140 |

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|----|---|-----|-----------|
| 55 | Synthesis, Structure and Luminescent Property of Two New 2D Metal-Organic Frameworks containing Lanthanide Ions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 382-386. | 1.2 | 14 |
| 56 | Structure and luminescent property of novel 2D indium(III) and 1D cadmium(II) coordination polymers based on thiophene-2,5-dicarboxylic acid. <i>Journal of Molecular Structure</i> , 2008, 888, 360-365. | 3.6 | 32 |
| 57 | Construction and Characterization of Several New Lanthanide-Organic Frameworks: From 2D Lattice to 2D Double-Layer and to Porous 3D Net with Interweaving Triple-Stranded Helices. <i>Crystal Growth and Design</i> , 2008, 8, 2291-2298. | 3.0 | 72 |
| 58 | Synthesis and liquid crystalline properties of substituted 2,5-diaryl 1,3,4-oxadiazole derivatives without flexible chains. <i>Liquid Crystals</i> , 2008, 35, 1359-1365. | 2.2 | 19 |
| 59 | Novel (42 \cdot 84)(43 \cdot 63) $_2$ (46 \cdot 63 \cdot 86) $_2$ topology network built up from the highly connective pyridine-2,4,6-tricarboxylate ligand. <i>Inorganic Chemistry Communication</i> , 2007, 10, 836-838. | 3.9 | 14 |
| 60 | Crystal structures and luminescent properties of two novel coordination polymers containing Ln $^{3+}$ and. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1433-1436. | 3.9 | 15 |
| 61 | Creating supramolecular semiregular Archimedean tilings via gas-mediated deprotonation of a terminal alkyne derivative. <i>CrystEngComm</i> , 0, , . | 2.6 | 2 |
| 62 | Metallo-Supramolecular Octahedral Cages with Three Types of Chirality towards Spontaneous Resolution. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 5 |