

Jian Lu

List of Publications by Year in descending order

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135
papers

8,201
citations

44069

48
h-index

51608

86
g-index

135
all docs

135
docs citations

135
times ranked

8395
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Unveiling the visibleâ€‘lightâ€‘driven photodegradation pathway and products toxicity of tetracycline in the system of Pt/BiVO ₄ nanosheets. <i>Journal of Hazardous Materials</i> , 2022, 424, 127596. | 12.4 | 35 |
| 2 | Facile synthesis of compact CdSâ€‘CuS heterostructures for optimal CO ₂ -to-syngas photoconversion. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2150-2160. | 6.0 | 7 |
| 3 | Impacts of temperatures and phosphoric-acid modification to the physicochemical properties of biochar for excellent sulfadiazine adsorption. <i>Biochar</i> , 2022, 4, 1. | 12.6 | 55 |
| 4 | Two d ¹⁰ 2D Cathode-Ray Scintillation Coordination Polymers with High Efficiency and High-Voltage Stability. <i>Inorganic Chemistry</i> , 2022, 61, 8982-8986. | 4.0 | 5 |
| 5 | Photocatalytic hydrogen evolution on CdSâ€‘based composites derived from in situ carbonization of a sulfonic azo dye complex. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108370. | 3.9 | 2 |
| 6 | Engineering cation defect-mediated Z-scheme photocatalysts for a highly efficient and stable photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7759-7766. | 10.3 | 54 |
| 7 | Promoted photocarrier transfer and increased active sites for optimal CO ₂ -to-CH ₄ photoconversion <i>via</i> the modification of atomically dispersed transition metal ions in CdZnS nanocrystals. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20350-20355. | 10.3 | 7 |
| 8 | Engineered nanoscale schwertmannites as Fentonâ€‘like catalysts for highly efficient degradation of nitrophenols. <i>Applied Surface Science</i> , 2021, 548, 149248. | 6.1 | 23 |
| 9 | Superior photoâ€‘Fenton activity towards chlortetracycline degradation over novel gâ€‘C ₃ N ₄ nanosheets/schwertmannite nanocomposites with accelerated Fe(III)/Fe(II) cycling. <i>Separation and Purification Technology</i> , 2021, 279, 119760. | 7.9 | 23 |
| 10 | Barium-based scintillating MOFs for X-ray dosage detection with intrinsic energy resolution <i>via</i> luminescent multidentate naphthalene disulfonate moieties. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5615-5620. | 5.5 | 18 |
| 11 | Enhanced in situ biodegradation of microplastics in sewage sludge using hyperthermophilic composting technology. <i>Journal of Hazardous Materials</i> , 2020, 384, 121271. | 12.4 | 180 |
| 12 | Highly Efficient and Selective Removal of Lead Ions from Aqueous Solutions by Conjugated Microporous Polymers with Functionalized Heterogeneous Pores. <i>Crystal Growth and Design</i> , 2020, 20, 337-344. | 3.0 | 22 |
| 13 | AMnAs ₃ S ₆ (A = Cs, Rb): Phase-Matchable Infrared Nonlinear Optical Functional Motif [As ₃ S ₆] ³⁻ Obtained via Surfactantâ€‘Thermal Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53950-53956. | 8.0 | 25 |
| 14 | Aluminum Metalâ€‘Organic Frameworkâ€‘Silver Nanoparticle Composites for Catalytic Reduction of Nitrophenols. <i>ACS Applied Nano Materials</i> , 2020, 3, 11426-11433. | 5.0 | 27 |
| 15 | Microwaveâ€‘assisted synthesis of nanoscale tungsten trioxide hydrate with excellent photocatalytic activity under visible irradiation. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108147. | 3.9 | 7 |
| 16 | Anionic metalâ€‘organic framework as a unique turn-on fluorescent chemical sensor for ultra-sensitive detection of antibiotics. <i>Chemical Communications</i> , 2020, 56, 12403-12406. | 4.1 | 65 |
| 17 | Fluorination in enhancing photoactivated antibacterial activity of Ru(<i>scp</i>) complexes with photo-labile ligands. <i>RSC Advances</i> , 2020, 10, 25364-25369. | 3.6 | 16 |
| 18 | Heat-resistant Pb(<i>scp</i>)-based X-ray scintillating metalâ€‘organic frameworks for sensitive dosage detection <i>via</i> an aggregation-induced luminescent chromophore. <i>Dalton Transactions</i> , 2020, 49, 7309-7314. | 3.3 | 30 |

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|----|--|------|-----------|
| 19 | CdZnS nanorods with rich sulphur vacancies for highly efficient photocatalytic hydrogen production. <i>Chemical Communications</i> , 2020, 56, 7765-7768. | 4.1 | 67 |
| 20 | Localized surface plasmon resonance enhanced visible-light-driven CO ₂ photoreduction in Cu nanoparticle loaded ZnInS solid solutions. <i>Nanoscale</i> , 2020, 12, 15169-15174. | 5.6 | 30 |
| 21 | Fluorescent Metal-Organic Framework Constructed from Semi-rigid Ligand for the Sensitive Sensing of 2,4,6-Trinitrophenol. <i>Crystal Growth and Design</i> , 2020, 20, 1373-1377. | 3.0 | 23 |
| 22 | Visible-light-driven photocatalytic H ₂ evolution over CdZnS nanocrystal solid solutions: interplay of twin structures, sulfur vacancies and sacrificial agents. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3882-3891. | 10.3 | 121 |
| 23 | Biological impact of lead from halide perovskites reveals the risk of introducing a safe threshold. <i>Nature Communications</i> , 2020, 11, 310. | 12.8 | 313 |
| 24 | In situ immobilization of ultra-fine Ag NPs onto magnetic Ag@RF@Fe ₃ O ₄ core-satellite nanocomposites for the rapid catalytic reduction of nitrophenols. <i>Water Research</i> , 2020, 179, 115882. | 11.3 | 87 |
| 25 | Phase controlled bismuth molybdates with enhanced photocatalytic degradation of tetracycline under visible irradiation. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107522. | 3.9 | 6 |
| 26 | Fluorination on non-photolabile dppz ligands for improving Ru(II) complex-based photoactivated chemotherapy. <i>Dalton Transactions</i> , 2019, 48, 12177-12185. | 3.3 | 18 |
| 27 | Preparation of carbon-supported CdS photocatalysts with high performance of dye photodegradation using cadmium-enriched <i>Perilla frutescens</i> biomass. <i>Inorganic Chemistry Communication</i> , 2019, 109, 107559. | 3.9 | 25 |
| 28 | One-Step Carbothermal Synthesis of Robust CdS@BPC Photocatalysts in the Presence of Biomass Porous Carbons. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16835-16842. | 6.7 | 31 |
| 29 | Highly Stable Energetic Coordination Polymer Assembled with Co(II) and Tetrazole Derivatives. <i>ACS Omega</i> , 2019, 4, 15107-15111. | 3.5 | 6 |
| 30 | Aminal-Linked Covalent Organic Frameworks through Condensation of Secondary Amine with Aldehyde. <i>Journal of the American Chemical Society</i> , 2019, 141, 14981-14986. | 13.7 | 114 |
| 31 | Significant enhancement of cathode-ray scintillation for a conductive Bi-SMOF via in situ partial rare earth ion replacement. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11099-11103. | 5.5 | 27 |
| 32 | Mixed phase nano-CdS supported on activated biomass carbon as efficient visible light-driven photocatalysts. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31055-31061. | 5.3 | 9 |
| 33 | Efficient X-ray scintillating lead(II)-based MOFs derived from rigid luminescent naphthalene motifs. <i>Dalton Transactions</i> , 2019, 48, 1722-1731. | 3.3 | 45 |
| 34 | Controlled nitrite anion encapsulation and release in the molecular cavity of decamethylcucurbit[5]uril: solution and solid state studies. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 303-308. | 6.0 | 3 |
| 35 | Robust Microporous Porphyrin-Based Hydrogen-Bonded Organic Framework for Highly Selective Separation of C ₂ Hydrocarbons versus Methane. <i>Crystal Growth and Design</i> , 2019, 19, 4157-4161. | 3.0 | 33 |
| 36 | Controlled growth of ZnS/ZnO heterojunctions on porous biomass carbons via one-step carbothermal reduction enables visible-light-driven photocatalytic H ₂ production. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2035-2042. | 6.0 | 32 |

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|----|---|------|-----------|
| 37 | Photocatalytic Degradation of Tetracycline Antibiotics over CdS/Nitrogen-Doped Carbon Composites Derived from in Situ Carbonization of Metal-Organic Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10847-10854. | 6.7 | 159 |
| 38 | CdS nanoparticles alleviate photo-induced stress in <i>Geobacter</i> co-cultures. <i>Environmental Science: Nano</i> , 2019, 6, 1941-1949. | 4.3 | 9 |
| 39 | Novel Hierarchical Meso-Microporous Hydrogen-Bonded Organic Framework for Selective Separation of Acetylene and Ethylene versus Methane. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17823-17827. | 8.0 | 56 |
| 40 | Cocrystal of Sulfamethazine and p-Aminobenzoic Acid: Structural Establishment and Enhanced Antibacterial Properties. <i>Crystal Growth and Design</i> , 2019, 19, 2455-2460. | 3.0 | 30 |
| 41 | Calcium-based efficient cathode-ray scintillating metal-organic frameworks constructed from π -conjugated luminescent motifs. <i>Chemical Communications</i> , 2019, 55, 13816-13819. | 4.1 | 15 |
| 42 | Porous Graphitic Biomass Carbons as Sustainable Adsorption and Controlled Release Carriers for Atrazine Fixation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20180-20189. | 6.7 | 12 |
| 43 | Chloromethyl-modified Ru(II) complexes enabling large pH jumps at low concentrations through photoinduced hydrolysis. <i>Chemical Science</i> , 2019, 10, 9949-9953. | 7.4 | 3 |
| 44 | Two-Component Pharmaceutical Cocrystals Regulated by Supramolecular Synthons Comprising Primary N-H...H...O Interactions. <i>Crystal Growth and Design</i> , 2019, 19, 3-16. | 3.0 | 24 |
| 45 | Amino-functionalized biomass-derived porous carbons with enhanced aqueous adsorption affinity and sensitivity of sulfonamide antibiotics. <i>Bioresource Technology</i> , 2019, 277, 128-135. | 9.6 | 87 |
| 46 | An Ultra-Robust and Crystalline Redeemable Hydrogen-Bonded Organic Framework for Synergistic Chemo-Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7691-7696. | 13.8 | 303 |
| 47 | Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity. <i>Crystal Growth and Design</i> , 2018, 18, 2555-2562. | 3.0 | 49 |
| 48 | Fluorescent Metal-Organic Framework (MOF) as a Highly Sensitive and Quickly Responsive Chemical Sensor for the Detection of Antibiotics in Simulated Wastewater. <i>Inorganic Chemistry</i> , 2018, 57, 1060-1065. | 4.0 | 270 |
| 49 | An Ultra-Robust and Crystalline Redeemable Hydrogen-Bonded Organic Framework for Synergistic Chemo-Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 7817-7822. | 2.0 | 85 |
| 50 | Lotus-Leaf-Derived Activated-Carbon-Supported Nano-CdS as Energy-Efficient Photocatalysts under Visible Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7871-7879. | 6.7 | 81 |
| 51 | Origin and spatial distribution of heavy metals and carcinogenic risk assessment in mining areas at You'xi County southeast China. <i>Geoderma</i> , 2018, 310, 99-106. | 5.1 | 101 |
| 52 | Assessment of tea garden soils at An'xi County in southeast China reveals a mild threat from contamination of potentially harmful elements. <i>Royal Society Open Science</i> , 2018, 5, 180050. | 2.4 | 3 |
| 53 | Reaction Pathway to the Only Open-Shell Transition-Metal Keggin Ion without Organic Ligation. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4638-4642. | 2.0 | 16 |
| 54 | Synthesis of Metal-Organic Framework Materials by Reflux: A Faster and Greener Pathway to Achieve Super-Hydrophobicity and Photocatalytic Application. <i>Crystal Growth and Design</i> , 2018, 18, 6609-6616. | 3.0 | 7 |

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|----|---|------|-----------|
| 55 | Microwave-induced decontamination of mercury polluted soils at low temperature assisted with granular activated carbon. <i>Chemical Engineering Journal</i> , 2018, 351, 1067-1075. | 12.7 | 12 |
| 56 | Morphological control of CdS@AC nanocomposites for enhanced photocatalytic degradation of tetracycline antibiotics under visible irradiation. <i>Inorganic Chemistry Communication</i> , 2018, 95, 134-138. | 3.9 | 19 |
| 57 | A highly stable and tightly packed 3D energetic coordination polymer assembled from nitrogen-rich tetrazole derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 13927-13932. | 2.8 | 17 |
| 58 | MOF-808: A Metal-Organic Framework with Intrinsic Peroxidase-Like Catalytic Activity at Neutral pH for Colorimetric Biosensing. <i>Inorganic Chemistry</i> , 2018, 57, 9096-9104. | 4.0 | 258 |
| 59 | Accelerating the start-up of the cathodic biofilm by adding acyl-homoserine lactone signaling molecules. <i>Bioresource Technology</i> , 2018, 266, 548-554. | 9.6 | 30 |
| 60 | Highly Anisotropic and Water Molecule-Dependent Proton Conductivity in a 2D Homochiral Copper(II) Metal-Organic Framework. <i>Chemistry of Materials</i> , 2017, 29, 2321-2331. | 6.7 | 77 |
| 61 | Ultrafine Silver Nanoparticles Supported on a Conjugated Microporous Polymer as High-Performance Nanocatalysts for Nitrophenol Reduction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5231-5236. | 8.0 | 110 |
| 62 | Structural and topological regulation on cobalt coordination polymers with mixed ligands. <i>Inorganic Chemistry Communication</i> , 2017, 85, 5-8. | 3.9 | 4 |
| 63 | Facile ultrafine copper seed-mediated approach for fabricating quasi-two-dimensional palladium-copper bimetallic trigonal hierarchical nanoframes. <i>Nano Research</i> , 2017, 10, 2810-2822. | 10.4 | 5 |
| 64 | Biosorption and extraction of europium by <i>Bacillus thuringiensis</i> strain. <i>Inorganic Chemistry Communication</i> , 2017, 75, 21-24. | 3.9 | 26 |
| 65 | Defect porous organic frameworks (dPOFs) as a platform for chiral organocatalysis. <i>Journal of Catalysis</i> , 2017, 355, 131-138. | 6.2 | 26 |
| 66 | Polyoxometalate-cucurbituril molecular solid as photocatalyst for dye degradation under visible light. <i>Inorganic Chemistry Communication</i> , 2017, 84, 164-167. | 3.9 | 20 |
| 67 | Coordination Polymers with Grinding-Size-Dependent Mechanoresponsive Luminescence Induced by π - π Stacking Interactions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3811-3814. | 2.0 | 14 |
| 68 | Coordination Polymerization of Metal Azides and Powerful Nitrogen-Rich Ligand toward Primary Explosives with Excellent Energetic Performances. <i>Chemistry of Materials</i> , 2017, 29, 9725-9733. | 6.7 | 92 |
| 69 | Photodegradation of Rhodamine B over Biomass-Derived Activated Carbon Supported CdS Nanomaterials under Visible Irradiation. <i>Frontiers in Chemistry</i> , 2017, 5, 123. | 3.6 | 45 |
| 70 | Metal-organic frameworks assembled from flexible alicyclic carboxylate and bipyridyl ligands for sensing of nitroaromatic explosives. <i>CrystEngComm</i> , 2016, 18, 4530-4537. | 2.6 | 29 |
| 71 | Iodine uptake and enhanced electrical conductivity in a porous coordination polymer based on cucurbit[6]uril. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1393-1397. | 6.0 | 41 |
| 72 | Porous Organic Molecular Frameworks with Extrinsic Porosity: A Platform for Carbon Storage and Separation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9474-9480. | 13.8 | 123 |

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|----|--|------|-----------|
| 73 | Organische molekulare Gerüste mit extrinsischer Porosität: eine Plattform für die Kohlendioxid-Abscheidung und Speicherung. <i>Angewandte Chemie</i> , 2016, 128, 9624-9630. | 2.0 | 32 |
| 74 | Integration of metal-organic frameworks into an electrochemical dielectric thin film for electronic applications. <i>Nature Communications</i> , 2016, 7, 11830. | 12.8 | 92 |
| 75 | Source apportionment of fluorine pollution in regional shallow groundwater at Youxi County southeast China. <i>Chemosphere</i> , 2016, 158, 50-55. | 8.2 | 30 |
| 76 | Sandwich-type Inorganic-Organic Hybrid Solids of Iso-polyvanadate Clusters and Decamethylcucurbit[5]uril. <i>Crystal Growth and Design</i> , 2016, 16, 1213-1217. | 3.0 | 11 |
| 77 | Cobalt coordination polymers regulated by in situ ligand transformation. <i>CrystEngComm</i> , 2016, 18, 2742-2747. | 2.6 | 11 |
| 78 | Control of Assembly of Dihydropyridyl and Pyridyl Molecules via Directed Hydrogen Bonding. <i>Crystal Growth and Design</i> , 2015, 15, 4219-4224. | 3.0 | 10 |
| 79 | Metal-organic frameworks based on flexible ligands (FL-MOFs): structures and applications. <i>Chemical Society Reviews</i> , 2014, 43, 5867-5895. | 38.1 | 739 |
| 80 | Electrochemical preparation of metal-organic framework films for fast detection of nitro explosives. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19473-19478. | 10.3 | 111 |
| 81 | Cobalt-cluster-based coordination polymers with size-matching mixed ligands. <i>CrystEngComm</i> , 2014, 16, 1749. | 2.6 | 18 |
| 82 | Analysis of High and Selective Uptake of CO ₂ in an Oxamide-Containing {Cu ₂ (OOCR) ₄ } _n -Based Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7317-7324. | 3.3 | 119 |
| 83 | A Robust Binary Supramolecular Organic Framework (SOF) with High CO ₂ Adsorption and Selectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 12828-12831. | 13.7 | 287 |
| 84 | Monodispersed Ag Nanoparticles as Catalyst: Preparation Based on Crystalline Supramolecular Hybrid of Decamethylcucurbit[5]uril and Silver Ions. <i>Inorganic Chemistry</i> , 2014, 53, 5692-5697. | 4.0 | 19 |
| 85 | Cucurbituril: A promising organic building block for the design of coordination compounds and beyond. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1334-1356. | 18.8 | 191 |
| 86 | Crystalline Hybrid Solid Materials of Palladium and Decamethylcucurbit[5]uril as Recoverable Precatalysts for Heck Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2013, 19, 15661-15668. | 3.3 | 18 |
| 87 | Photochromic hybrid materials of cucurbituril and polyoxometalates as photocatalysts under visible light. <i>Chemical Communications</i> , 2012, 48, 669-671. | 4.1 | 209 |
| 88 | Hydrogen and halogen bonding drive the orthogonal self-assembly of an organic framework possessing 2D channels. <i>Chemical Communications</i> , 2012, 48, 8207. | 4.1 | 63 |
| 89 | Entangled coordination polymers with mixed N- and O-donor organic linkers: A case of module-matching priority. <i>Dalton Transactions</i> , 2012, 41, 4146. | 3.3 | 16 |
| 90 | A Guest-Dependent Approach to Retain Permanent Pores in Flexible Metal-Organic Frameworks by Cation Exchange. <i>Chemistry - A European Journal</i> , 2012, 18, 7896-7902. | 3.3 | 66 |

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|-----|--|------|-----------|
| 91 | Palladium Nanoparticles Supported on Mixed-Linker Metal-Organic Frameworks as Highly Active Catalysts for Heck Reactions. <i>ChemPlusChem</i> , 2012, 77, 106-112. | 2.8 | 88 |
| 92 | New types of hybrid solids of tetravanadate polyanions and cucurbituril. <i>Dalton Transactions</i> , 2012, 41, 10080. | 3.3 | 23 |
| 93 | Designed 4,8-Connected Metal-Organic Frameworks Based on Tetrapodal Octacarboxylate Ligands. <i>Crystal Growth and Design</i> , 2011, 11, 4284-4287. | 3.0 | 43 |
| 94 | Homochiral Nickel Coordination Polymers Based on Salen(Ni) Metalloligands: Synthesis, Structure, and Catalytic Alkene Epoxidation. <i>Inorganic Chemistry</i> , 2011, 50, 2191-2198. | 4.0 | 103 |
| 95 | Porous Anionic, Cationic, and Neutral Metal-Carboxylate Frameworks Constructed from Flexible Tetrapodal Ligands: Syntheses, Structures, Ion-Exchanges, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2011, 50, 2264-2271. | 4.0 | 90 |
| 96 | Palladium nanoparticles supported on amino functionalized metal-organic frameworks as highly active catalysts for the Suzuki-Miyaura cross-coupling reaction. <i>Catalysis Communications</i> , 2011, 14, 27-31. | 3.3 | 162 |
| 97 | Interpenetrated metal-organic frameworks of self-catenated four-connected mok nets. <i>Chemical Communications</i> , 2011, 47, 5982. | 4.1 | 66 |
| 98 | Synthesis and characterization of two isomorphous cobalt(II), nickel(II) complexes with (63)(67,83)topologies. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1237-1240. | 3.9 | 9 |
| 99 | Development of a polyoxometallate-based photocatalyst assembled with cucurbit[6]uril via hydrogen bonds for azo dyes degradation. <i>Journal of Hazardous Materials</i> , 2011, 186, 948-951. | 12.4 | 73 |
| 100 | An efficient and reusable silica/dendrimer supported platinum catalyst for electron transfer reactions. <i>Journal of Colloid and Interface Science</i> , 2011, 353, 149-155. | 9.4 | 35 |
| 101 | A Series of Lanthanide Metal-Organic Frameworks Based on Biphenyl-3,4,5-tricarboxylate: Syntheses, Structures, Luminescence and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 3842-3849. | 2.0 | 89 |
| 102 | In situ synthesis of Ag nanoparticles in aminocalix[4]arene multilayers. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 320-325. | 9.4 | 18 |
| 103 | Syntheses and characterizations of two new pillared-layer coordination polymers constructed from lanthanides and mixed O-donor ligands. <i>Inorganic Chemistry Communication</i> , 2010, 13, 388-391. | 3.9 | 10 |
| 104 | Coordination polymers based on flexible ditopic carboxylate or nitrogen-donor ligands. <i>CrystEngComm</i> , 2010, 12, 660-670. | 2.6 | 126 |
| 105 | Construction of a trigonal bipyramidal cage-based metal-organic framework with hydrophilic pore surface via flexible tetrapodal ligands. <i>Chemical Communications</i> , 2010, 46, 8439. | 4.1 | 61 |
| 106 | New Metal-Organic Framework with Uninodal 4-Connected Topology Displaying Interpenetration, Self-Catenation, and Second-Order Nonlinear Optical Response. <i>Crystal Growth and Design</i> , 2010, 10, 1489-1491. | 3.0 | 71 |
| 107 | Progressive release of a palladium-pyridyl complex from a layer-by-layer multilayer and illustrative application to catalytic Suzuki coupling. <i>Chemical Communications</i> , 2010, 46, 7584. | 4.1 | 34 |
| 108 | pH-Dependent Syntheses and Crystal Structures of a Series of Organic-Inorganic Hybrids Constructed from Keggin or Wells-Dawson Polyoxometalates and Silver Coordination Compounds. <i>Inorganic Chemistry</i> , 2010, 49, 736-744. | 4.0 | 107 |

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|-----|--|-----|-----------|
| 109 | Construction of Train-Like Supramolecular Structures from Decamethylcucurbit[5]uril and Iso- or Hetero-Keggin-Type Polyoxotungstates. <i>Crystal Growth and Design</i> , 2010, 10, 1966-1970. | 3.0 | 37 |
| 110 | Coordination polymers of 1,4-piperazinedipropionic acid: domination by flexibility, coordination, and/or configuration?. <i>CrystEngComm</i> , 2010, 12, 3780. | 2.6 | 8 |
| 111 | Preparation and characterization of lanthanide-azo-dye coordination polymers and polymer thin films via layer-by-layer depositions. <i>Dalton Transactions</i> , 2010, 39, 10967. | 3.3 | 7 |
| 112 | Syntheses and structures of two noncentro symmetric inorganic-organic composite materials based on metal sulfate and 4,4'-bipyridine (M=Ni, Fe). <i>Inorganic Chemistry Communication</i> , 2009, 12, 181-183. | 3.9 | 6 |
| 113 | Observation of the least stable conformer of 1,4-cyclohexanedicarboxylic anions in a samarium coordination architecture. <i>CrystEngComm</i> , 2009, 11, 2248. | 2.6 | 16 |
| 114 | Anion-Assisted Structural Variation of Cadmium Coordination Polymers: From 2D to 3D Inclined Polycatenation to 2D to 3D Polythreading. <i>Crystal Growth and Design</i> , 2009, 9, 3003-3005. | 3.0 | 86 |
| 115 | Conformation control of a flexible 1,4-phenylenediacetate ligand in coordination complexes: a rigidity-modulated strategy. <i>CrystEngComm</i> , 2009, 11, 583-588. | 2.6 | 63 |
| 116 | Systematic investigation on the coordination chemistry of a sulfonated monoazo dye: Ligand-dominated d- and f-block derivatives. <i>Dalton Transactions</i> , 2009, , 1944. | 3.3 | 14 |
| 117 | Photocatalytic properties of polyoxometalate-thionine composite films immobilized onto microspheres under sunlight irradiation. <i>Journal of Materials Chemistry</i> , 2009, 19, 4157. | 6.7 | 37 |
| 118 | Supramolecular assembly from decavanadate anion and decamethylcucurbit[5]uril. <i>Dalton Transactions</i> , 2009, , 1101-1103. | 3.3 | 30 |
| 119 | Lanthanide Coordination Polymers Constructed from Infinite Rod-Shaped Secondary Building Units and Flexible Ligands. <i>Chemistry - an Asian Journal</i> , 2008, 3, 542-547. | 3.3 | 45 |
| 120 | Syntheses, Structures, Near-Infrared, and Visible Luminescence of Lanthanide-Organic Frameworks with Flexible Macrocyclic Polyamine Ligands. <i>Crystal Growth and Design</i> , 2008, 8, 1897-1901. | 3.0 | 86 |
| 121 | Copper 5-sulfoisophthalato quasi-planar squares in coordination polymers modulated by alkaline-earth metals: a way to molecular squares?. <i>CrystEngComm</i> , 2008, 10, 784. | 2.6 | 42 |
| 122 | Pentadecatungstate with Dinuclear Cerium(III) Unit: Synthesis, Crystal Structure and Properties. <i>Inorganic Chemistry</i> , 2008, 47, 5612-5615. | 4.0 | 31 |
| 123 | Inorganic-Organic Hybrid with 3D Supramolecular Channel Assembled through Ca-H ₂ O Interactions Based on the Decavanadate. <i>Chemistry Letters</i> , 2007, 36, 356-357. | 1.3 | 17 |
| 124 | Multilayer films of single-component and charged tetraaminocalix[4]arenes based on hydrogen bonding. <i>Chemical Communications</i> , 2007, , 1813. | 4.1 | 13 |
| 125 | Two novel grid networks based on Keggin-type polyoxometalate clusters assembled through weak Cu-O interactions. <i>Inorganic Chemistry Communication</i> , 2007, 10, 551-554. | 3.9 | 28 |
| 126 | A new lamellar solid trapping water clusters and intercalated organosulfonate guests. <i>Inorganic Chemistry Communication</i> , 2007, 10, 614-617. | 3.9 | 8 |

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|-----|--|-----|-----------|
| 127 | Two luminescent frameworks constructed from lead(II) salts with carboxylate ligands containing dinuclear lead(II) units. <i>Journal of Solid State Chemistry</i> , 2007, 180, 2386-2392. | 2.9 | 34 |
| 128 | Hydroxyl-directed dinitration of carboxylate ligands mediated by lead and nickel nitrates and preparation of Pb/Ni heterometallic complexes under hydrothermal conditions. <i>Chemical Communications</i> , 2006, , 1938. | 4.1 | 37 |
| 129 | Novel Two-Dimensional Network Constructed from Polyoxomolybdate Chains Linked through Copper ^{II} -Organonitrogen Coordination Polymer Chains: Hydrothermal Synthesis and Structure of [H ₂ bpy][Cu(4,4'-bpy)] ₂ [HPCuMo ₁₁ O ₃₉]. <i>Crystal Growth and Design</i> , 2005, 5, 257-260. | 3.0 | 165 |
| 130 | A Novel Pillar-Layered Organic-Inorganic Hybrid Based on Lanthanide Polymer and Polyomolybdate Clusters: New Opportunity toward the Design and Synthesis of Porous Framework. <i>Crystal Growth and Design</i> , 2005, 5, 65-67. | 3.0 | 146 |
| 131 | Hydrothermal synthesis and crystal structure of a novel two-dimensional organic-inorganic hybrid copper molybdate with mixed organodiamine and dicarboxyl ligands. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1771-1775. | 2.9 | 14 |
| 132 | The first vanadate oxide phase containing two types of modified metal centers: {MnII(2,2'-bpy)}{VVO ₂ (2,2'-bpy)}(VVO ₃)(VV ₂ O ₆) (2,2'-bpy=2,2'-bipyridine). <i>Inorganica Chimica Acta</i> , 2004, 357, 1193-1197. | 8 | 8 |
| 133 | Self-assembly of polyoxometalate clusters into a 3-D heterometallic framework via covalent bonding: synthesis, structure and characterization of Na ₄ [Nd ₈ (dipic) ₁₂ (H ₂ O) ₉][Mo ₈ O ₂₆]·8H ₂ O. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4372-4376. | 2.9 | 17 |
| 134 | A Novel Three-Dimensional Network Constructed from Tetramolybdate Clusters Linked via Two Types of Copper Complex Fragments: Synthesis, Characterization, and Magnetic Behavior of [{Cull(2,2'-bpy)}{Cull(IN) ₂ }{Mo ₄ O ₁₂ (OH) ₂ }] _n . <i>Inorganic Chemistry</i> , 2003, 42, 6956-6958. | 4.0 | 96 |
| 135 | Ce-doped Bi based catalysts for highly efficient electroreduction of CO ₂ to formate. <i>Journal of Materials Chemistry C</i> , 0, , . | 5.5 | 11 |