

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	Metal-organic frameworks based on flexible ligands (FL-MOFs): structures and applications. <i>Chemical Society Reviews</i> , 2014, 43, 5867-5895.	38.1	739
2	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
3	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
4	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
5	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
6	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
7	Photochromic hybrid materials of cucurbituril and polyoxometalates as photocatalysts under visible light. <i>Chemical Communications</i> , 2012, 48, 669-671.	4.1	209
8	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
9	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
10	Novel Two-Dimensional Network Constructed from Polyoxomolybdate Chains Linked through Copper-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
11	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
12	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
13	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
14	Coordination polymers based on flexible ditopic carboxylate or nitrogen-donor ligands. <i>CrystEngComm</i> , 2010, 12, 660-670.	2.6	126
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	A Novel Three-Dimensional Network Constructed from Tetramolybdate Clusters Linked via Two Types of Copper Complex Fragments: A Synthesis, Characterization, and Magnetic Behavior of $\{[\text{Cu}(\text{2,2}'\text{-bpy})]\{\text{Cu}(\text{IN})_2\}\{\text{Mo}_4\text{O}_{12}(\text{OH})_2\}\}$. <i>Inorganic Chemistry</i> , 2003, 42, 6956-6958.	4.0	96
25	Integration of metal-organic frameworks into an electrochemical dielectric thin film for electronic applications. <i>Nature Communications</i> , 2016, 7, 11830.	12.8	92
26	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
27	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
28	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, 2010, 3842-3849.	2.0	89
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	CdZnS nanorods with rich sulphur vacancies for highly efficient photocatalytic hydrogen production. <i>Chemical Communications</i> , 2020, 56, 7765-7768.	4.1	67
40	Interpenetrated metal-organic frameworks of self-catenated four-connected mok nets. <i>Chemical Communications</i> , 2011, 47, 5982.	4.1	66
41	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
42	Anionic metal-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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	Efficient X-ray scintillating lead-based MOFs derived from rigid luminescent naphthalene motifs. <i>Dalton Transactions</i> , 2019, 48, 1722-1731.	3.3	45
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	Unveiling the visible-light-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
61	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
62	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
63	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
64	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
65	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
66	Pentadecatungstate with Dinuclear Cerium(III) Unit: Synthesis, Crystal Structure and Properties. <i>Inorganic Chemistry</i> , 2008, 47, 5612-5615.	4.0	31
67	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
68	Supramolecular assembly from decavanadate anion and decamethylcucurbit[5]uril. <i>Dalton Transactions</i> , 2009, , 1101-1103.	3.3	30
69	Source apportionment of fluorine pollution in regional shallow groundwater at Youxi County southeast China. <i>Chemosphere</i> , 2016, 158, 50-55.	8.2	30
70	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
71	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
72	Heat-resistant Pb(II)-based X-ray scintillating metal-organic frameworks for sensitive dosage detection via an aggregation-induced luminescent chromophore. <i>Dalton Transactions</i> , 2020, 49, 7309-7314.	3.3	30

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73	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
74	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
75	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
76	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
77	Aluminum Metal-Organic Framework-Silver Nanoparticle Composites for Catalytic Reduction of Nitrophenols. <i>ACS Applied Nano Materials</i> , 2020, 3, 11426-11433.	5.0	27
78	Biosorption and extraction of europium by <i>Bacillus thuringiensis</i> strain. <i>Inorganic Chemistry Communication</i> , 2017, 75, 21-24.	3.9	26
79	Defect porous organic frameworks (dPOFs) as a platform for chiral organocatalysis. <i>Journal of Catalysis</i> , 2017, 355, 131-138.	6.2	26
80	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
81	AMnAs ₃ S ₆ (A = Cs, Rb): Phase-Matchable Infrared Nonlinear Optical Functional Motif [As ₃ S ₆] ³⁻ Obtained via Surfactant-Thermal Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53950-53956.	8.0	25
82	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
83	New types of hybrid solids of tetravanadate polyanions and cucurbituril. <i>Dalton Transactions</i> , 2012, 41, 10080.	3.3	23
84	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
85	Engineered nanoscale schwertmannites as Fenton-like catalysts for highly efficient degradation of nitrophenols. <i>Applied Surface Science</i> , 2021, 548, 149248.	6.1	23
86	Superior photo-Fenton activity towards chlortetracycline degradation over novel g-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
87	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
88	Polyoxometalate-cucurbituril molecular solid as photocatalyst for dye degradation under visible light. <i>Inorganic Chemistry Communication</i> , 2017, 84, 164-167.	3.9	20
89	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
90	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

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91	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
92	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
93	Cobalt-cluster-based coordination polymers with size-matching mixed ligands. <i>CrystEngComm</i> , 2014, 16, 1749.	2.6	18
94	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
95	Barium-based scintillating MOFs for X-ray dosage detection with intrinsic energy resolution via luminescent multidentate naphthalene disulfonate moieties. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5615-5620.	5.5	18
96	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
97	Inorganic-Organic Hybrid with 3D Supramolecular Channel Assembled through H ⁺ -O Interactions Based on the Decavanadate. <i>Chemistry Letters</i> , 2007, 36, 356-357.	1.3	17
98	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
99	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
100	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
101	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
102	Fluorination in enhancing photoactivated antibacterial activity of Ru(II) complexes with photo-labile ligands. <i>RSC Advances</i> , 2020, 10, 25364-25369.	3.6	16
103	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
104	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
105	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
106	Coordination Polymers with Grinding-Size-Dependent Mechanoresponsive Luminescence Induced by π -Stacking Interactions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3811-3814.	2.0	14
107	Multilayer films of single-component and charged tetraaminocalix[4]arenes based on hydrogen bonding. <i>Chemical Communications</i> , 2007, , 1813.	4.1	13
108	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

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109	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
110	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
111	Cobalt coordination polymers regulated by in situ ligand transformation. <i>CrystEngComm</i> , 2016, 18, 2742-2747.	2.6	11
112	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
113	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
114	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
115	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
116	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
117	CdS nanoparticles alleviate photo-induced stress in <i>Geobacter</i> co-cultures. <i>Environmental Science: Nano</i> , 2019, 6, 1941-1949.	4.3	9
118	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
119	A new lamellar solid trapping water clusters and intercalated organosulfonate guests. <i>Inorganic Chemistry Communication</i> , 2007, 10, 614-617.	3.9	8
120	Coordination polymers of 1,4-piperazinedipropionic acid: domination by flexibility, coordination, and/or configuration?. <i>CrystEngComm</i> , 2010, 12, 3780.	2.6	8
121	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
122	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
123	Microwave-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
124	Promoted photocarrier transfer and increased active sites for optimal CO ₂ -to-CH ₄ photoconversion via 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
125	Facile synthesis of compact CdS-CuS heterostructures for optimal CO ₂ -to-syngas photoconversion. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2150-2160.	6.0	7
126	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

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127	Phase controlled bismuth molybdates with enhanced photocatalytic degradation of tetracycline under visible irradiation. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107522.	3.9	6
128	Highly Stable Energetic Coordination Polymer Assembled with Co(II) and Tetrazole Derivatives. <i>ACS Omega</i> , 2019, 4, 15107-15111.	3.5	6
129	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
130	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
131	Structural and topological regulation on cobalt coordination polymers with mixed ligands. <i>Inorganic Chemistry Communication</i> , 2017, 85, 5-8.	3.9	4
132	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
133	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
134	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
135	Photocatalytic hydrogen evolution on CdS ²⁺ -based composites derived from in situ carbonization of a sulfonic azo dye complex. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108370.	3.9	2