Cheng-Yong Su

List of Publications by Citations

Source: https://exaly.com/author-pdf/8906599/cheng-yong-su-publications-by-citations.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

579 papers	34,617 citations	88 h-index	159 g-index
616 ext. papers	38,711 ext. citations	7.6 avg, IF	7.58 L-index

#	Paper	IF	Citations
579	Applications of metal-organic frameworks in heterogeneous supramolecular catalysis. *Chemical Society Reviews*, **2014**, 43, 6011-61	58.5	2182
578	Construction of covalent organic framework for catalysis: Pd/COF-LZU1 in Suzuki-Miyaura coupling reaction. *Journal of the American Chemical Society*, **2011**, 133, 19816-22	16.4	1492
577	Two stable 3D metal-organic frameworks constructed by nanoscale cages via sharing the single-layer walls. *Journal of the American Chemical Society*, **2006**, 128, 34-5	16.4	790
576	Thioether-Based Fluorescent Covalent Organic Framework for Selective Detection and Facile Removal of Mercury(II). *Journal of the American Chemical Society*, **2016**, 138, 3031-7	16.4	788
575	A CsPbBr Perovskite Quantum Dot/Graphene Oxide Composite for Photocatalytic CO Reduction. *Journal of the American Chemical Society*, **2017**, 139, 5660-5663	16.4	665
574	Ligand-directed molecular architectures: self-assembly of two-dimensional rectangular metallacycles and three-dimensional trigonal or tetragonal prisms. *Journal of the American Chemical Society*, **2003**, 125, 8595-613	16.4	423
573	Reduced Graphene Oxide-Hierarchical ZnO Hollow Sphere Composites with Enhanced Photocurrent and Photocatalytic Activity. *Journal of Physical Chemistry C*, **2012**, 116, 8111-8117	3.8	378
572	Exceptionally stable, hollow tubular metal-organic architectures: synthesis, characterization, and solid-state transformation study. *Journal of the American Chemical Society*, **2004**, 126, 3576-86	16.4	376
571	Novel porous molybdenum tungsten phosphide hybrid nanosheets on carbon cloth for efficient hydrogen evolution. *Energy and Environmental Science*, **2016**, 9, 1468-1475	35.4	356
570	Porous Pt-Ni-P composite nanotube arrays: highly electroactive and durable catalysts for methanol electrooxidation. *Journal of the American Chemical Society*, **2012**, 134, 5730-3	16.4	345
569	Oriented hierarchical single crystalline anatase TiO2 nanowire arrays on Ti-foil substrate for efficient flexible dye-sensitized solar cells. *Energy and Environmental Science*, **2012**, 5, 5750-5757	35.4	335
568	Single-Phase White-Light-Emitting and Photoluminescent Color-Tuning Coordination Assemblies. *Chemical Reviews*, **2018**, 118, 8889-8935	68.1	324
567	Synthesis and Photocatalytic Application of Stable Lead-Free Cs AgBiBr Perovskite Nanocrystals. *Small*, **2018**, 14, e1703762	11	288
566	Recent Advances in Supramolecular Design and Assembly of Silver(I) Coordination Polymers. *Australian Journal of Chemistry*, **2006**, 59, 3	1.2	287
565	Ultrafast water sensing and thermal imaging by a metal-organic framework with switchable luminescence. *Nature Communications*, **2017**, 8, 15985	17.4	281
564	Tri-functional hierarchical TiO2 spheres consisting of anatase nanorods and nanoparticles for high efficiency dye-sensitized solar cells. *Energy and Environmental Science*, **2011**, 4, 4079	35.4	277
563	Core@Shell CsPbBr3@Zeolitic Imidazolate Framework Nanocomposite for Efficient Photocatalytic CO2 Reduction. *ACS Energy Letters*, **2018**, 3, 2656-2662	20.1	277

562	Hydrothermal fabrication of hierarchically anatase TiO2 nanowire arrays on FTO glass for dye-sensitized solar cells. *Scientific Reports*, **2013**, 3, 1352	4.9	272
561	Metal-organic gels: From discrete metallogelators to coordination polymers. *Coordination Chemistry Reviews*, **2013**, 257, 1373-1408	23.2	258
560	A synthetic route to ultralight hierarchically micro/mesoporous Al(III)-carboxylate metal-organic aerogels. *Nature Communications*, **2013**, 4, 1774	17.4	255
559	Single-crystal ZnO nanorod/amorphous and nanoporous metal oxide shell composites: Controllable electrochemical synthesis and enhanced supercapacitor performances. *Energy and Environmental Science*, **2011**, 4, 1288	35.4	251
558	Dynamic study of highly efficient CdS/CdSe quantum dot-sensitized solar cells fabricated by electrodeposition. *ACS Nano*, **2011**, 5, 9494-500	16.7	238
557	Stepwise assembly of Pd(6)(RuL(3))(8) nanoscale rhombododecahedral metal-organic cages via metalloligand strategy for guest trapping and protection. *Journal of the American Chemical Society*, **2014**, 136, 4456-9	16.4	227
556	Dual-Emission from a Single-Phase Eu/Ag Metal-Organic Framework: An Alternative Way to Get White-Light Phosphor. *Chemistry of Materials*, **2012**, 24, 1954-1960	9.6	226
555	Missing-linker metal-organic frameworks for oxygen evolution reaction. *Nature Communications*, **2019**, 10, 5048	17.4	220
554	Self-assembly of trigonal-prismatic metallocages encapsulating BF4- or CuI32- as anionic guests: structures and mechanism of formation. *Angewandte Chemie - International Edition*, **2002**, 41, 3371-5	16.4	214
553	Multistack integration of three-dimensional hyperbranched anatase titania architectures for high-efficiency dye-sensitized solar cells. *Journal of the American Chemical Society*, **2014**, 136, 6437-45	16.4	210
552	Tröger's base-functionalised organic nanoporous polymer for heterogeneous catalysis. *Chemical Communications*, **2010**, 46, 970-2	5.8	207
551	A Highly Red-Emissive Lead-Free Indium-Based Perovskite Single Crystal for Sensitive Water Detection. *Angewandte Chemie - International Edition*, **2019**, 58, 5277-5281	16.4	201
550	[Co2(ppca)2(H2O)(V4O12)0.5]: a framework material exhibiting reversible shrinkage and expansion through a single-crystal-to-single-crystal transformation involving a change in the cobalt coordination environment. *Angewandte Chemie - International Edition*, **2005**, 44, 6673-7	16.4	189
549	Ordered Crystalline TiO2 Nanotube Arrays on Transparent FTO Glass for Efficient Dye-Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2010**, 114, 15228-15233	3.8	186
548	One-, Two-, and Three-Dimensional Lanthanide Complexes Constructed from Pyridine-2,6-dicarboxylic Acid and Oxalic Acid Ligands. *Crystal Growth and Design*, **2008**, 8, 4083-4091	3.5	184
547	In Situ Growth of 120 cm CH NH PbBr Perovskite Crystal Film on FTO Glass for Narrowband-Photodetectors. *Advanced Materials*, **2017**, 29, 1602639	24	182
546	New materials in solid-phase microextraction. *TrAC - Trends in Analytical Chemistry*, **2013**, 47, 68-83	14.6	178
545	Modulating Electronic Structure of Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. *Advanced Energy Materials*, **2018**, 8, 1801564	21.8	178

544	Synthesis of hierarchical rippled Bi(2)O(3) nanobelts for supercapacitor applications. *Chemical Communications*, **2010**, 46, 5021-3	5.8	176
543	Progress in the study of metal–organic materials applying naphthalene diimide (NDI) ligands. *Coordination Chemistry Reviews*, **2011**, 255, 1921-1936	23.2	172
542	Epitaxial Growth of Hetero-Ln-MOF Hierarchical Single Crystals for Domain- and Orientation-Controlled Multicolor Luminescence 3D Coding Capability. *Angewandte Chemie - International Edition*, **2017**, 56, 14582-14586	16.4	168
541	Recent Developments in Crystal Engineering. *Crystal Growth and Design*, **2011**, 11, 875-886	3.5	165
540	Improving the Extraction of Photogenerated Electrons with SnO2 Nanocolloids for Efficient Planar Perovskite Solar Cells. *Advanced Functional Materials*, **2015**, 25, 7200-7207	15.6	163
539	Application of nanomaterials in sample preparation. *Journal of Chromatography A*, **2013**, 1300, 2-16	4.5	160
538	Dimension engineering on cesium lead iodide for efficient and stable perovskite solar cells. *Journal of Materials Chemistry A*, **2017**, 5, 2066-2072	13	157
537	Homochiral D4-symmetric metal-organic cages from stereogenic Ru(II) metalloligands for effective enantioseparation of atropisomeric molecules. *Nature Communications*, **2016**, 7, 10487	17.4	155
536	Ultra-long anatase TiO2 nanowire arrays with multi-layered configuration on FTO glass for high-efficiency dye-sensitized solar cells. *Energy and Environmental Science*, **2014**, 7, 644-649	35.4	155
535	A novel highly luminescent LnMOF film: a convenient sensor for Hg2+ detecting. *Journal of Materials Chemistry A*, **2013**, 1, 11312	13	155
534	Fabrication of Novel Hierarchical β-Ni(OH)2 and NiO Microspheres via an Easy Hydrothermal Process. *Journal of Physical Chemistry C*, **2009**, 113, 5508-5513	3.8	155
533	Bright blue-emitting Ce3+ complexes with encapsulating polybenzimidazole tripodal ligands as potential electroluminescent devices. *Angewandte Chemie - International Edition*, **2007**, 46, 7399-403	16.4	152
532	Effect of TiO2 morphology on photovoltaic performance of dye-sensitized solar cells: nanoparticles, nanofibers, hierarchical spheres and ellipsoid spheres. *Journal of Materials Chemistry*, **2012**, 22, 7910		148
531	Bimetallic Zeolitic Imidazolite Framework Derived Carbon Nanotubes Embedded with Co Nanoparticles for Efficient Bifunctional Oxygen Electrocatalyst. *Advanced Energy Materials*, **2018**, 8, 1702048	21.8	143
530	Achieving high-performance planar perovskite solar cell with Nb-doped TiO2 compact layer by enhanced electron injection and efficient charge extraction. *Journal of Materials Chemistry A*, **2016**, 4, 5647-5653	13	139
529	Maximizing omnidirectional light harvesting in metal oxide hyperbranched array architectures. *Nature Communications*, **2014**, 5, 3968	17.4	138
528	Chiral metal–organic cages/containers (MOCs): From structural and stereochemical design to applications. *Coordination Chemistry Reviews*, **2019**, 378, 333-349	23.2	138
527	Highly efficient CdTe/CdS quantum dot sensitized solar cells fabricated by a one-step linker assisted chemical bath deposition. *Chemical Science*, **2011**, 2, 1396	9.4	134

526	Pure white-light and yellow-to-blue emission tuning in single crystals of Dy(III) metal-organic frameworks. *Chemical Communications*, **2014**, 50, 7702-4	5.8	133
525	Dynamic Spacer Installation for Multirole Metal-Organic Frameworks: A New Direction toward Multifunctional MOFs Achieving Ultrahigh Methane Storage Working Capacity. *Journal of the American Chemical Society*, **2017**, 139, 6034-6037	16.4	130
524	Linear Dependence of Photoluminescence in Mixed Ln-MOFs for Color Tunability and Barcode Application. *Inorganic Chemistry*, **2015**, 54, 5707-16	5.1	129
523	Preparation and characterization of metal-organic framework MIL-101(Cr)-coated solid-phase microextraction fiber. *Analytica Chimica Acta*, **2015**, 853, 303-310	6.6	128
522	Hierarchically micro/nanostructured photoanode materials for dye-sensitized solar cells. *Journal of Materials Chemistry*, **2012**, 22, 15475		127
521	Organic dye bearing asymmetric double donor-acceptor chains for dye-sensitized solar cells. *Journal of Organic Chemistry*, **2011**, 76, 8015-21	4.2	127
520	A simple topological identification method for highly (3,12)-connected 3D MOFs showing anion exchange and luminescent properties. *Chemical Communications*, **2011**, 47, 4234-6	5.8	127
519	Self-supported NiMoP2 nanowires on carbon cloth as an efficient and durable electrocatalyst for overall water splitting. *Journal of Materials Chemistry A*, **2017**, 5, 7191-7199	13	122
518	Formation of dinuclear, macrocyclic, and chain structures from HgI(2) and a semirigid benzimidazole-based bridging ligand: an example of ring-opening supramolecular isomerism. *Inorganic Chemistry*, **2003**, 42, 5685-92	5.1	121
517	Evolution of Spherical Assemblies to Fibrous Networked Pd(II) Metallogels from a Pyridine-Based Tripodal Ligand and Their Catalytic Property. *Chemistry of Materials*, **2009**, 21, 557-563	9.6	119
516	Multidimensional frameworks assembled from silver(I) coordination polymers containing flexible bis(thioquinolyl) ligands: role of the intra- and intermolecular aromatic stacking interactions. *Inorganic Chemistry*, **2003**, 42, 3738-50	5.1	115
515	A multistimuli-responsive photochromic metal-organic gel. *Advanced Materials*, **2014**, 26, 2072-7	24	113
514	Formation of mono-, bi-, tri-, and tetranuclear Ag(I) complexes of C3-symmetric tripodal benzimidazole ligands. *Inorganic Chemistry*, **2000**, 39, 4843-9	5.1	108
513	Coordination Assemblies of Metallacyclic, Prismatic and Tubular Molecular Architectures Based on the Non-rigid Ligands. *European Journal of Inorganic Chemistry*, **2007**, 2007, 2997-3010	2.3	107
512	The first two-over/two-under (2O/2U) 2D weave structure assembled from Hg-containing 1D coordination polymer chains. *Chemical Communications*, **2003**, 1630-1631	5.8	107
511	Hierarchical oriented anatase TiO2 nanostructure arrays on flexible substrate for efficient dye-sensitized solar cells. *Scientific Reports*, **2013**, 3, 1892	4.9	105
510	Sonochemical preparation of hierarchical ZnO hollow spheres for efficient dye-sensitized solar cells. *Chemistry - A European Journal*, **2010**, 16, 8757-61	4.8	105
509	Copper(I) Complexes of Normal and Abnormal Carbenes and Their Use as Catalysts for the Huisgen [3+2] Cycloaddition between Azides and Alkynes. *European Journal of Inorganic Chemistry*, **2011**, 2011, 3067-3075	2.3	104

508	Modulating electronic structure of metal-organic frameworks by introducing atomically dispersed Ru for efficient hydrogen evolution. *Nature Communications*, **2021**, 12, 1369	17.4	104
507	White-Light Emission from Dual-Way Photon Energy Conversion in a Dye-Encapsulated Metal-Organic Framework. *Angewandte Chemie - International Edition*, **2019**, 58, 9752-9757	16.4	103
506	A metal-organic cage incorporating multiple light harvesting and catalytic centres for photochemical hydrogen production. *Nature Communications*, **2016**, 7, 13169	17.4	103
505	Highly Efficient Visible-to-NIR Luminescence of Lanthanide(III) Complexes with Zwitterionic Ligands Bearing Charge-Transfer Character: Beyond Triplet Sensitization. *Chemistry - A European Journal*, **2016**, 22, 2440-51	4.8	103
504	A micron-scale laminar MAPbBr single crystal for an efficient and stable perovskite solar cell. *Chemical Communications*, **2017**, 53, 5163-5166	5.8	102
503	All-Inorganic Lead-Free Cs2PdX6 (X = Br, I) Perovskite Nanocrystals with Single Unit Cell Thickness and High Stability. *ACS Energy Letters*, **2018**, 3, 2613-2619	20.1	102
502	Nanotubular metal-organic frameworks with high porosity based on T-shaped pyridyl dicarboxylate ligands. *Inorganic Chemistry*, **2011**, 50, 1743-8	5.1	100
501	Regio- and Enantioselective Photodimerization within the Confined Space of a Homochiral Ruthenium/Palladium Heterometallic Coordination Cage. *Angewandte Chemie - International Edition* , **2017**, 56, 3852-3856	16.4	99
500	Tailoring exciton and excimer emission in an exfoliated ultrathin 2D metal-organic framework. *Nature Communications*, **2018**, 9, 2401	17.4	99
499	Precise Modulation of the Breathing Behavior and Pore Surface in Zr-MOFs by Reversible Post-Synthetic Variable-Spacer Installation to Fine-Tune the Expansion Magnitude and Sorption Properties. *Angewandte Chemie - International Edition*, **2016**, 55, 9932-6	16.4	97
498	Amide and N-oxide functionalization of T-shaped ligands for isoreticular MOFs with giant enhancements in CO2 separation. *Chemical Communications*, **2014**, 50, 14631-4	5.8	97
497	The roles of defect states in photoelectric and photocatalytic processes for ZnxCd1⊠S. *Energy and Environmental Science*, **2011**, 4, 466-470	35.4	96
496	Dye-sensitized solar cells based on a double layered TiO2 photoanode consisting of hierarchical nanowire arrays and nanoparticles with greatly improved photovoltaic performance. *Journal of Materials Chemistry*, **2012**, 22, 18057		94
495	A porous rhodium(III)-porphyrin metal-organic framework as an efficient and selective photocatalyst for CO2 reduction. *Applied Catalysis B: Environmental*, **2018**, 231, 173-181	21.8	93
494	Two Zn(II) metal-organic frameworks with coordinatively unsaturated metal sites: structures, adsorption, and catalysis. *Chemistry - an Asian Journal*, **2012**, 7, 2796-804	4.5	93
493	Calix[4]arene based dye-sensitized Pt@UiO-66-NH2 metal-organic framework for efficient visible-light photocatalytic hydrogen production. *Applied Catalysis B: Environmental*, **2017**, 206, 426-433	21.8	89
492	Metal-Directed Assembly of Coordination Polymers with a Multifunctional Semirigid Ligand Containing Pyridyl and Benzimidazolyl Donor Groups. *Crystal Growth and Design*, **2009**, 9, 2341-2353	3.5	89
491	Columnar supramolecular architecture self-assembled from S4-symmetric coordination nanotubes encapsulating neutral guest molecules. *Angewandte Chemie - International Edition*, **2003**, 42, 4085-9	16.4	88

490	A double layered TiO2 photoanode consisting of hierarchical flowers and nanoparticles for high-efficiency dye-sensitized solar cells. *Nanoscale*, **2013**, 5, 4362-9	7.7	86
489	Facile and Efficient Electrochemical Synthesis of PbTe Dendritic Structures. *Chemistry of Materials*, **2008**, 20, 3306-3314	9.6	86
488	CdS/CdSe co-sensitized TiO2 nanowire-coated hollow Spheres exceeding 6% photovoltaic performance. *Nano Energy*, **2015**, 11, 621-630	17.1	85
487	Formation of Various Morphologies of Covellite Copper Sulfide Submicron Crystals by a Hydrothermal Method without Surfactant. *Crystal Growth and Design*, **2005**, 5, 855-860	3.5	85
486	Constructing 3D branched nanowire coated macroporous metal oxide electrodes with homogeneous or heterogeneous compositions for efficient solar cells. *Angewandte Chemie - International Edition*, **2014**, 53, 4816-21	16.4	84
485	Hierarchical tin oxide octahedra for highly efficient dye-sensitized solar cells. *Chemistry - A European Journal*, **2010**, 16, 8620-5	4.8	84
484	Nanoparticle Cookies Derived from Metal-Organic Frameworks: Controlled Synthesis and Application in Anode Materials for Lithium-Ion Batteries. *Small*, **2016**, 12, 2365-75	11	84
483	High performance and reduced charge recombination of CdSe/CdS quantum dot-sensitized solar cells. *Journal of Materials Chemistry*, **2012**, 22, 12058		83
482	Formation of two (6,3) networks showing structural diversity, Borromean topology and conformational chirality in the same crystal. *Chemical Communications*, **2007**, 4242-4	5.8	83
481	A stable metal cluster-metalloporphyrin MOF with high capacity for cationic dye removal. *Journal of Materials Chemistry A*, **2018**, 6, 17698-17705	13	82
480	Electrospun hierarchical TiO2 nanorods with high porosity for efficient dye-sensitized solar cells. *ACS Applied Materials & Interfaces*, **2013**, 5, 9205-11	9.5	82
479	Toward High Performance Photoelectrochemical Water Oxidation: Combined Effects of Ultrafine Cobalt Iron Oxide Nanoparticle. *Advanced Functional Materials*, **2016**, 26, 4414-4421	15.6	81
478	Fabrication of Au (SG) -ZIF-8 Nanocomposites: A Facile Strategy to Position Au (SG) Nanoclusters Inside and Outside ZIF-8. *Advanced Materials*, **2018**, 30, 1704576	24	80
477	Water Splitting: Achieving Highly Efficient Photoelectrochemical Water Oxidation with a TiCl4 Treated 3D Antimony-Doped SnO2 Macropore/Branched α-Fe2O3 Nanorod Heterojunction Photoanode (Adv. Sci. 7/2015). *Advanced Science*, **2015**, 2,	13.6	78
476	Electrochemical synthesis of nanostructured materials for electrochemical energy conversion and storage. *Nanoscale*, **2013**, 5, 4056-69	7.7	78
475	Preparation of graphene-coated solid-phase microextraction fiber and its application on organochlorine pesticides determination. *Journal of Chromatography A*, **2013**, 1300, 187-92	4.5	78
474	Structural Diversity of a Series of Mn(II), Cd(II), and Co(II) Complexes with Pyridine Donor Diimide Ligands. *Crystal Growth and Design*, **2011**, 11, 2763-2772	3.5	78
473	Metal-organic gels as functionalisable supports for catalysis. *New Journal of Chemistry*, **2009**, 33, 1070	3.6	78

472	CdS/CdSe co-sensitized vertically aligned anatase TiO2 nanowire arrays for efficient solar cells. *Nano Energy*, **2014**, 8, 1-8	17.1	77
471	Zero to three dimensional increase of silver(I) coordination assemblies controlled by deprotonation of 1,3,5-tri(2-benzimidazolyl)benzene and aggregation of multinuclear building units. *Inorganic Chemistry*, **2007**, 46, 4617-25	5.1	77
470	Triple-Stranded Helical and Plywood-Like Arrays: Two Uncommon Framework Isomers Based on the Common One-Dimensional Chain Structures. *Crystal Growth and Design*, **2006**, 6, 1910-1914	3.5	77
469	Porous organic□inorganic hybrid aerogels based on Cr3+/Fe3+ and rigid bridging carboxylates. *Journal of Materials Chemistry*, **2012**, 22, 1862-1867		76
468	Unusual noninterpenetrating (3,6) topological network assembled by semirigid benzimidazole-based bridging ligand. *Inorganic Chemistry*, **2001**, 40, 2210-1	5.1	76
467	Three-dimensional TiO2/ZnO hybrid array as a heterostructured anode for efficient quantum-dot-sensitized solar cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 5199-205	9.5	75
466	Inherently chiral calixarenes: synthesis, optical resolution, chiral recognition and asymmetric catalysis. *International Journal of Molecular Sciences*, **2011**, 12, 429-55	6.3	75
465	Controllable Electrochemical Synthesis of Hierarchical ZnO Nanostructures on FTO Glass. *Journal of Physical Chemistry C*, **2009**, 113, 13574-13582	3.8	75
464	3D coordination polymers with nitrilotriacetic and 4,4'-bipyridyl mixed ligands: structural variation based on dinuclear or tetranuclear subunits assisted by Na-O and/or O-H...O interactions. *Inorganic Chemistry*, **2005**, 44, 4515-21	5.1	75
463	One-Step Construction of Hydrophobic MOFs@COFs Core-Shell Composites for Heterogeneous Selective Catalysis. *Advanced Science*, **2019**, 6, 1802365	13.6	75
462	Direct white-light and a dual-channel barcode module from Pr(III)-MOF crystals. *Chemical Communications*, **2015**, 51, 12533-6	5.8	74
461	In situ growth of IRMOF-3 combined with ionic liquids to prepare solid-phase microextraction fibers. *Analytica Chimica Acta*, **2014**, 829, 22-7	6.6	74
460	Two ligand-functionalized Pb(II) metal-organic frameworks: structures and catalytic performances. *Dalton Transactions*, **2012**, 41, 10422-9	4.3	74
459	Controllable Electrochemical Synthesis of Ce4+-Doped ZnO Nanostructures from Nanotubes to Nanorods and Nanocages. *Crystal Growth and Design*, **2008**, 8, 1276-1281	3.5	74
458	Assembly of CdI2-type coordination networks from triangular ligand and octahedral metal center: topological analysis and potential framework porosity. *Chemical Communications*, **2008**, 356-8	5.8	74
457	Interchain-solvent-induced chirality change of 1D helical chains: from achiral to chiral crystallization. *Inorganic Chemistry*, **2007**, 46, 2637-44	5.1	74
456	Highly efficient and stable organic sensitizers with duplex starburst triphenylamine and carbazole donors for liquid and quasi-solid-state dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2014**, 2, 8988-8994	13	72
455	Copper(I) cuboctahedral coordination cages: host-guest dependent redox activity. *Angewandte Chemie - International Edition*, **2009**, 48, 6156-9	16.4	70

454	Silver telluride nanotubes prepared by the hydrothermal method. *Inorganic Chemistry*, **2007**, 46, 7403-9	5.1	70
453	A multifunctional poly-N-vinylcarbazole interlayer in perovskite solar cells for high stability and efficiency: a test with new triazatruxene-based hole transporting materials. *Journal of Materials Chemistry A*, **2017**, 5, 1913-1918	13	69
452	Progress of nanostructured metal oxides derived from metal–organic frameworks as anode materials for lithium–ion batteries. *Coordination Chemistry Reviews*, **2020**, 420, 213434	23.2	69
451	Thermally stable porous hydrogen-bonded coordination networks displaying dual properties of robustness and dynamics upon guest uptake. *Chemistry - A European Journal*, **2010**, 16, 1841-8	4.8	69
450	Syntheses, crystal structures, and luminescent properties of lanthanide complexes with tripodal ligands bearing benzimidazole and pyridine groups. *Inorganic Chemistry*, **2003**, 42, 169-79	5.1	69
449	Electronic structures of octahedral Ni(II) complexes with "click" derived triazole ligands: a combined structural, magnetometric, spectroscopic, and theoretical study. *Inorganic Chemistry*, **2013**, 52, 6880-92	5.1	68
448	Temperature-dependent guest-driven single-crystal-to-single-crystal ligand exchange in a two-fold interpenetrated Cd(II) grid network. *Chemistry - A European Journal*, **2009**, 15, 7578-85	4.8	68
447	Post-synthetic exchange (PSE) of UiO-67 frameworks with Ru/Rh half-sandwich units for visible-light-driven H2 evolution and CO2 reduction. *Journal of Materials Chemistry A*, **2018**, 6, 11337-11345	13	68
446	High-performance dye-sensitized solar cells based on hierarchical yolk–shell anatase TiO2 beads. *Journal of Materials Chemistry*, **2012**, 22, 1627-1633		66
445	MOF-derived Mn doped porous CoP nanosheets as efficient and stable bifunctional electrocatalysts for water splitting. *Dalton Transactions*, **2018**, 47, 14679-14685	4.3	66
444	(L) C P : Dicarbondiphosphide Stabilized by N-Heterocyclic Carbenes or Cyclic Diamido Carbenes. *Angewandte Chemie - International Edition*, **2017**, 56, 5744-5749	16.4	65
443	Catalysis through Dynamic Spacer Installation of Multivariate Functionalities in Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2019**, 141, 2589-2593	16.4	65
442	A modified molecular framework derived highly efficient Mn-Co-carbon cathode for a flexible Zn-air battery. *Chemical Communications*, **2017**, 53, 11596-11599	5.8	64
441	Engineering catalytic coordination space in a chemically stable Ir-porphyrin MOF with a confinement effect inverting conventional Si-H insertion chemoselectivity. *Chemical Science*, **2017**, 8, 775-780	9.4	64
440	Anion-tuned sorption and catalytic properties of a soft metal–organic solid with polycatenated frameworks. *Journal of Materials Chemistry*, **2011**, 21, 7098		64
439	Metal-directed assembly of two 2-D 4d–4f coordination polymers based on elliptical triple-deck cylinders hinged by meso-double helical chains. *CrystEngComm*, **2009**, 11, 1006	3.3	64
438	Dynamic functionalised metallogel: An approach to immobilised catalysis with improved activity. *Journal of Molecular Catalysis A*, **2010**, 317, 97-103		63
437	All-solid-state electrolytes consisting of ionic liquid and carbon black for efficient dye-sensitized solar cells. *Journal of Photochemistry and Photobiology A: Chemistry*, **2010**, 216, 8-14	4.7	63

436	Th-Symmetric Nanoporous Network Built of Hexameric Metallamacrocycles with Disparate Cavities for Guest Inclusion. *Angewandte Chemie - International Edition*, **2001**, 40, 1725-1728	16.4	63
435	Synthesis, structure, and activity of supramolecular mimics for the active site and arg141 residue of copper, zinc-superoxide dismutase. *Inorganic Chemistry*, **2007**, 46, 734-9	5.1	62
434	Hydrothermal fabrication of hierarchically macroporous Zn2SnO4 for highly efficient dye-sensitized solar cells. *Nanoscale*, **2013**, 5, 5940-8	7.7	61
433	A stable phosphanyl phosphaketene and its reactivity. *Dalton Transactions*, **2015**, 44, 6431-8	4.3	60
432	Semiconductive Amine-Functionalized Co(II)-MOF for Visible-Light-Driven Hydrogen Evolution and CO Reduction. *Inorganic Chemistry*, **2018**, 57, 11436-11442	5.1	60
431	Cyclometalated mono- and dinuclear Ir(III) complexes with "click"-derived triazoles and mesoionic carbenes. *Chemistry - A European Journal*, **2014**, 20, 9952-61	4.8	60
430	Lanthanide homometallic and d-f heterometallic MOFs from the same tripodal ligand: structural comparison, one photon (OP) vs. two photon (TP) luminescence and selective guest adsorption behavior. *Journal of Materials Chemistry*, **2012**, 22, 9846		60
429	A new TPE-based tetrapodal ligand and its Ln(iii) complexes: multi-stimuli responsive AIE (aggregation-induced emission)/ILCT(intraligand charge transfer)-bifunctional photoluminescence and NIR emission sensitization. *Dalton Transactions*, **2016**, 45, 943-50	4.3	59
428	Spontaneously resolved chiral three-fold interpenetrating diamondoidlike Cu(II) coordination polymers with temperature-driven crystal-to-crystal transformation. *Inorganic Chemistry*, **2005**, 44, 6143-5	5.1	59
427	Disilver(I) rectangular-shaped metallacycles: X-ray crystal structure and dynamic behavior in solution. *Inorganic Chemistry*, **2005**, 44, 8510-20	5.1	59
426	Assembly of robust and porous hydrogen-bonded coordination frameworks: isomorphism, polymorphism, and selective adsorption. *Inorganic Chemistry*, **2010**, 49, 10166-73	5.1	58
425	An unusual 3D coordination polymer assembled through parallel interpenetrating and polycatenating of (6,3) nets. *CrystEngComm*, **2009**, 11, 680	3.3	58
424	A Metal-Organic Supramolecular Box as a Universal Reservoir of UV, WL, and NIR Light for Long-Persistent Luminescence. *Angewandte Chemie - International Edition*, **2019**, 58, 3481-3485	16.4	58
423	Porous metal-organic framework catalyzing the three-component coupling of sulfonyl azide, alkyne, and amine. *Inorganic Chemistry*, **2013**, 52, 9053-9	5.1	57
422	Accumulation of versatile iodine species by a porous hydrogen-bonding Cu(II) coordination framework. *Journal of Materials Chemistry A*, **2013**, 1, 8575	13	57
421	Dextran based highly conductive hydrogel polysulfide electrolyte for efficient quasi-solid-state quantum dot-sensitized solar cells. *Electrochimica Acta*, **2013**, 92, 117-123	6.7	57
420	Magnetite nanoparticle-supported coordination polymer nanofibers: synthesis and catalytic application in Suzuki-Miyaura coupling. *ACS Applied Materials & Interfaces*, **2010**, 2, 2333-8	9.5	57
419	Effect of Hydrocarbon Chain Length of Disubstituted Triphenyl-amine-Based Organic Dyes on Dye-Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2011**, 115, 22002-22008	3.8	57

418	Facile Synthesis of Hierarchical ZnO:Tb3+ Nanorod Bundles and Their Optical and Magnetic Properties. *Journal of Physical Chemistry C*, **2008**, 112, 2927-2933	3.8	57
417	Nanoreactor Based on Macroporous Single Crystals of Metal-Organic Framework. *Small*, **2016**, 12, 5702-5709	11	57
416	Nanosized Coordination Cages Incorporating Multiple Cu(I) Reactive Sites: Host–Guest Modulated Catalytic Activity. *ACS Catalysis*, **2013**, 3, 1-9	13.1	56
415	Macroporous SnO2 synthesized via a template-assisted reflux process for efficient dye-sensitized solar cells. *ACS Applied Materials & Interfaces*, **2013**, 5, 5105-11	9.5	56
414	Self-assembly of 2D Borromean networks through hydrogen-bonding recognition. *Chemical Communications*, **2009**, 2387-9	5.8	56
413	A noninterpenetrated 1D molecular ladder and 2D butterfly network: effect of positional isomerism of semirigid bis(pyridylmethyl)pyromellitic diimide ligands on the architecture of their metal(II) complexes. *Inorganic Chemistry*, **2005**, 44, 1810-7	5.1	56
412	Self-assembly of silver(I) polymers with single strand double-helical structures containing the ligand O,O?-bis(8-quinolyl)-1,8-dioxaoctane. *Dalton Transactions RSC*, **2001**, 2429-2434		56
411	Three-Dimensional Phosphine Metal–Organic Frameworks Assembled from Cu(I) and Pyridyl Diphosphine. *Chemistry of Materials*, **2012**, 24, 480-485	9.6	55
410	Non-interpenetrated square-grid coordination polymers synthesized using an extremely long N,N'-type ligand. *Inorganic Chemistry*, **2005**, 44, 8762-9	5.1	55
409	Achieving Highly Efficient Photoelectrochemical Water Oxidation with a TiCl Treated 3D Antimony-Doped SnO Macropore/Branched α-FeO Nanorod Heterojunction Photoanode. *Advanced Science*, **2015**, 2, 1500049	13.6	54
408	Coordination-directed assembly of trigonal and tetragonal molecular boxes encapsulating anionic guests. *Dalton Transactions RSC*, **2001**, 359-361		54
407	A stable and porous iridium(III)-porphyrin metal–organic framework: synthesis, structure and catalysis. *CrystEngComm*, **2016**, 18, 2203-2209	3.3	53
406	Near-infrared luminescent PMMA-supported metallopolymers based on Zn-Nd Schiff-base complexes. *Inorganic Chemistry*, **2014**, 53, 5950-60	5.1	53
405	Guest inclusion and interpenetration tuning of Cd(II)/Mn(II) coordination grid networks assembled from a rigid linear diimidazole Schiff base ligand. *Inorganic Chemistry*, **2009**, 48, 287-95	5.1	53
404	Design and Enantioresolution of Homochiral Fe(II)-Pd(II) Coordination Cages from Stereolabile Metalloligands: Stereochemical Stability and Enantioselective Separation. *Journal of the American Chemical Society*, **2018**, 140, 18183-18191	16.4	53
403	Two robust porous metal-organic frameworks sustained by distinct catenation: selective gas sorption and single-crystal-to-single-crystal guest exchange. *Chemistry - an Asian Journal*, **2010**, 5, 2358-68	4.5	52
402	Tuning spin-spin coupling in quinonoid-bridged dicopper(II) complexes through rational bridge variation. *Inorganic Chemistry*, **2013**, 52, 10332-9	5.1	51
401	Synthesis of hierarchical SnO2 octahedra with tailorable size and application in dye-sensitized solar cells with enhanced power conversion efficiency. *Journal of Materials Chemistry*, **2012**, 22, 21495		51

400	A three-dimensional, noninterpenetrating metal--organic framework with the moganite topology: a simple (4(2)x6(2)x8(2))(4x6(4)x8)(2) net containing two kinds of topologically nonequivalent points. *Inorganic Chemistry*, **2004**, 43, 6881-3	5.1	51
399	Visualization of Anisotropic and Stepwise Piezofluorochromism in an MOF Single Crystal. *CheM*, **2018**, 4, 2658-2669	16.2	51
398	Conformal coating of ultrathin metal-organic framework on semiconductor electrode for boosted photoelectrochemical water oxidation. *Applied Catalysis B: Environmental*, **2018**, 237, 9-17	21.8	51
397	CdS/CdSe quantum dot shell decorated vertical ZnO nanowire arrays by spin-coating-based SILAR for photoelectrochemical cells and quantum-dot-sensitized solar cells. *ChemPhysChem*, **2012**, 13, 1435-9	3.2	50
396	A novel TCO- and Pt-free counter electrode for high efficiency dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2013**, 1, 1724-1730	13	50
395	Ring-Opening Isomerization Based on the 3-Connecting Node: Formation of a 0-D M2L3 Cage, 1-D Loop-and-Chain, and 2-D (6, 3) Network. *Crystal Growth and Design*, **2010**, 10, 4076-4084	3.5	50
394	Construction of two- and three-dimensional supramolecular networks with an encapsulated lanthanide(III) complex as building block and hydrogen-bonded 4,4?-bipyridyl as spacer. *Chemical Communications*, **1998**, 1551-1552	5.8	50
393	Formation of racemate and mesocate complexes from an achiral tripodal ligand containing three benzimidazole groups. *Inorganic Chemistry*, **2003**, 42, 163-8	5.1	50
392	Morphology-controlled cactus-like branched anatase TiO2 arrays with high light-harvesting efficiency for dye-sensitized solar cells. *Journal of Power Sources*, **2014**, 260, 6-11	8.9	49
391	A dynamic covalent imine gel as a luminescent sensor. *Chemical Communications*, **2014**, 50, 11942-5	5.8	49
390	Assembly of a 1D coordination polymer through in situ formation of a new ligand by double C-C coupling on CHCl3 under solvothermal conditions. *Inorganic Chemistry*, **2009**, 48, 8659-61	5.1	49
389	Discrete Chiral Single-Crystal Microtubes Assembled with Honeycomb Coordination Networks Showing Structural Diversity and Borromean Topology in One Single Crystal. *Chemistry of Materials*, **2007**, 19, 4630-4632	9.6	49
388	Pure white-light and colour-tuning of Eu(3+)-Gd(3+)-containing metallopolymer. *Chemical Communications*, **2016**, 52, 3713-6	5.8	48
387	Performance of dye-sensitized solar cells based on novel sensitizers bearing asymmetric double D-A chains with arylamines as donors. *Dyes and Pigments*, **2012**, 94, 481-489	4.6	48
386	Axially chiral metal-organic frameworks produced from spontaneous resolution with an achiral pyridyl dicarboxylate ligand. *CrystEngComm*, **2012**, 14, 63-66	3.3	48
385	Long-range electronic coupling in various oxidation states of a C4-linked tris(beta-diketonato)ruthenium dimer. *Angewandte Chemie - International Edition*, **2003**, 42, 674-7	16.4	48
384	Studies on lanthanide complexes of the tripodal ligand bis(2-benzimidazolylmethyl)(2-pyridylmethyl)amine. Crystal structures and luminescence properties. *Dalton Transactions RSC*, **2000**, 3253-3260		48
383	An Efficient Visible and Near-Infrared (NIR) Emitting Sm(III) Metal-Organic Framework (Sm-MOF) Sensitized by Excited-State Intramolecular Proton Transfer (ESIPT) Ligand. *Chemistry - an Asian Journal*, **2016**, 11, 1765-9	4.5	48

382	Nickel complexes with "click"-derived pyridyl-triazole ligands: weak intermolecular interactions and catalytic ethylene oligomerisation. *Dalton Transactions*, **2012**, 41, 12984-90	4.3	47
381	Directionally dendritic growth of metal chalcogenide crystals via mild template-free solvothermal method. *Journal of Crystal Growth*, **2005**, 283, 230-241	1.6	47
380	Synergistic metal and anion effects on the formation of coordination assemblies from a N,N?-bis(3-pyridylmethyl)naphthalene diimide ligand. *CrystEngComm*, **2009**, 11, 909	3.3	46
379	Luminescent Lanthanide Complexes with Encapsulating Polybenzimidazole Tripodal Ligands. *Inorganic Chemistry*, **1999**, 38, 1374-1375	5.1	46
378	Metal-Organic Gel Material Based on UiO-66-NH2 Nanoparticles for Improved Adsorption and Conversion of Carbon Dioxide. *Chemistry - an Asian Journal*, **2016**, 11, 2278-83	4.5	46
377	Abnormal carbenes derived from the 1,5-cycloaddition product between azides and alkynes: structural characterization of Pd(II) complexes and their catalytic properties. *Dalton Transactions*, **2013**, 42, 11355-8	4.3	45
376	Highly porous aerogels based on imine chemistry: syntheses and sorption properties. *Journal of Materials Chemistry A*, **2015**, 3, 10990-10998	13	45
375	Syntheses, structures and bioactivities of silver(I) complexes with a tridentate heterocyclic N- and S-ligand. *Polyhedron*, **2009**, 28, 145-149	2.7	45
374	Connecting small ligands to generate large tubular metal-organic architectures. *Journal of Solid State Chemistry*, **2005**, 178, 2511-2518	3.3	45
373	SYNTHESIS, STRUCTURE AND SPECTROSCOPIC PROPERTIES OF COMPLEXES OF RARE EARTH DITHIOCARBAMATES WITH 2,2?-BIPYRIDYL OR 1, 10-PHENANTHROLINE. *Journal of Coordination Chemistry*, **1996**, 38, 207-218	1.6	45
372	A naked eye colorimetric sensor for alcohol vapor discrimination and amplified spontaneous emission (ASE) from a highly fluorescent excited-state intramolecular proton transfer (ESIPT) molecule. *Journal of Materials Chemistry C*, **2016**, 4, 6962-6966	7.1	45
371	Three-dimensional hyperbranched TiO2/ZnO heterostructured arrays for efficient quantum dot-sensitized solar cells. *Journal of Materials Chemistry A*, **2015**, 3, 14826-14832	13	44
370	Creating coordination-based cavities in a multiresponsive supramolecular gel. *Chemistry - A European Journal*, **2015**, 21, 7418-27	4.8	44
369	A family of vertically aligned nanowires with smooth, hierarchical and hyperbranched architectures for efficient energy conversion. *Nano Energy*, **2014**, 9, 15-24	17.1	44
368	Construction of 0D to 3D cadmium complexes from different pyridyl diimide ligands. *Dalton Transactions*, **2012**, 41, 4626-33	4.3	44
367	Hydrothermal fabrication of quasi-one-dimensional single-crystalline anatase TiO2 nanostructures on FTO glass and their applications in dye-sensitized solar cells. *Chemistry - A European Journal*, **2011**, 17, 1352-7	4.8	44
366	Structural and photoluminescent studies of lanthanide complexes with tripodal triRNTB (N-substituted tris(benzimidazol-2-ylmethyl)amine): ligand substituent, anionic and secondary ligand effects. *Dalton Transactions*, **2009**, 2157-69	4.3	44
365	Dimension Increase via Hydrogen Bonding and Weak Coordination Interactions from Simple Complexes of 2-(Pyridyl)benzimidazole Ligands. *Crystal Growth and Design*, **2007**, 7, 2481-2490	3.5	44

364	A Robust Metal-Organic Framework Combining Open Metal Sites and Polar Groups for Methane Purification and CO /Fluorocarbon Capture. *Chemistry - A European Journal*, **2017**, 23, 4060-4064	4.8	43
363	Well-distributed Pt-nanoparticles within confined coordination interspaces of self-sensitized porphyrin metal-organic frameworks: synergistic effect boosting highly efficient photocatalytic hydrogen evolution reaction. *Chemical Science*, **2019**, 10, 10577-10585	9.4	43
362	Trilayered Photoanode of TiO2 Nanoparticles on a 1D□D Nanostructured TiO2-Grown Flexible Ti Substrate for High-Efficiency (9.1%) Dye-Sensitized Solar Cells with Unprecedentedly High Photocurrent Density. *Journal of Physical Chemistry C*, **2014**, 118, 16426-16432	3.8	43
361	Partially cyclopentadienyl-substituted tetranuclear lanthanide Schiff base complexes. *Journal of Organometallic Chemistry*, **2001**, 628, 99-106	2.3	43
360	Ordered macroporous CH3NH3PbI3 perovskite semitransparent film for high-performance solar cells. *Journal of Materials Chemistry A*, **2016**, 4, 15662-15669	13	42
359	In situ formation of zinc ferrite modified Al-doped ZnO nanowire arrays for solar water splitting. *Journal of Materials Chemistry A*, **2016**, 4, 5124-5129	13	42
358	A catalytic chiral gel microfluidic reactor assembled dynamic covalent chemistry. *Chemical Science*, **2015**, 6, 2292-2296	9.4	41
357	Interface engineering of perovskite solar cells with multifunctional polymer interlayer toward improved performance and stability. *Journal of Power Sources*, **2018**, 378, 483-490	8.9	41
356	Hiearchical ZnO rod-in-tube nano-architecture arrays produced via a two-step hydrothermal and ultrasonication process. *Journal of Materials Chemistry*, **2011**, 21, 8709		41
355	Straightforward synthesis of substituted p-quinones: isolation of a key intermediate and use as a bridging ligand in a diruthenium complex. *Chemistry - A European Journal*, **2010**, 16, 2977-81	4.8	41
354	Self-assembly of triple helical and meso-helical cylindrical arrays tunable by bis-tripodal coordination converters. *Inorganic Chemistry*, **2008**, 47, 10692-9	5.1	41
353	Ligand and Metal Effects on the Stability and Adsorption Properties of an Isoreticular Series of MOFs Based on T-Shaped Ligands and Paddle-Wheel Secondary Building Units. *Chemistry - A European Journal*, **2016**, 22, 16147-16156	4.8	41
352	Recent advances in hierarchical three-dimensional titanium dioxide nanotree arrays for high-performance solar cells. *Journal of Materials Chemistry A*, **2017**, 5, 12699-12717	13	40
351	Molecular Barrel by a Hooping Strategy: Synthesis, Structure, and Selective CO Adsorption Facilitated by Lone Pair-□Interactions. *Journal of the American Chemical Society*, **2017**, 139, 635-638	16.4	40
350	Acidity and Cd fluorescent sensing and selective CO adsorption by a water-stable Eu-MOF. *Dalton Transactions*, **2019**, 48, 4489-4494	4.3	40
349	Template-free solvothermal fabrication of hierarchical TiO2 hollow microspheres for efficient dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2013**, 1, 13274	13	40
348	Preparation and characterization of vinyl-functionalized mesoporous organosilica-coated solid-phase microextraction fiber. *Journal of Chromatography A*, **2012**, 1247, 42-8	4.5	40
347	DFT Study on the Mechanism and Regioselectivity of Gold(I)-Catalyzed Synthesis of Highly Substituted Furans Based on 1-(1-Alkynyl)cyclopropyl Ketones with Nucleophiles. *Organometallics*, **2009**, 28, 741-748	3.8	40

346	Assembly of trigonal and tetragonal prismatic cages from octahedral metal ions and a flexible molecular clip. *Inorganic Chemistry*, **2007**, 46, 5814-6	5.1	40
345	(L)2C2P2: Dicarbondiphosphide Stabilized by N-Heterocyclic Carbenes or Cyclic Diamido Carbenes. *Angewandte Chemie*, **2017**, 129, 5838-5843	3.6	39
344	Hierarchical macroporous Zn(2)SnO(4)-ZnO nanorod composite photoelectrodes for efficient CdS/CdSe quantum dot co-sensitized solar cells. *ACS Applied Materials & Interfaces*, **2013**, 5, 11865-71	9.5	39
343	Anion effect on the structural diversity of three 1D coordination polymers based on a pyridyl diimide ligand. *CrystEngComm*, **2012**, 14, 2152	3.3	39
342	A novel metal–organic gel based electrolyte for efficient quasi-solid-state dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2014**, 2, 15406	13	38
341	Hierarchical Zn2SnO4 nanosheets consisting of nanoparticles for efficient dye-sensitized solar cells. *Nano Energy*, **2013**, 2, 1287-1293	17.1	38
340	Chelant extraction of heavy metals from contaminated soils using new selective EDTA derivatives. *Journal of Hazardous Materials*, **2013**, 262, 464-71	12.8	38
339	Assembly of large simple 1D and rare polycatenated 3D molecular ladders from T-shaped building blocks containing a new, long N,N'-bidentate ligand. *Chemical Communications*, **2004**, 2158-9	5.8	38
338	The copper(I)/copper(II) transition in complexes with 8-alkylthioquinoline based multidentate ligands. *Dalton Transactions*, **2003**, 189-202	4.3	38
337	The Redox Coupling Effect in a Photocatalytic Ru -Pd Cage with TTF Guest as Electron Relay Mediator for Visible-Light Hydrogen-Evolving Promotion. *Angewandte Chemie - International Edition* , **2020**, 59, 2639-2643	16.4	38
336	Visible-Light Photocatalysis of Asymmetric [2+2] Cycloaddition in Cage-Confined Nanospace Merging Chirality with Triplet-State Photosensitization. *Angewandte Chemie - International Edition*, **2020**, 59, 8661-8669	16.4	38
335	A 2D NiFe Bimetallic Metal–Organic Frameworks for Efficient Oxygen Evolution Electrocatalysis. *Energy and Environmental Materials*, **2019**, 2, 18-21	13	37
334	Hierarchical TiO2 flowers built from TiO2 nanotubes for efficient Pt-free based flexible dye-sensitized solar cells. *Physical Chemistry Chemical Physics*, **2012**, 14, 13175-9	3.6	37
333	[Co2(ppca)2(H2O)(V4O12)0.5]: A Framework Material Exhibiting Reversible Shrinkage and Expansion through a Single-Crystal-to-Single-Crystal Transformation Involving a Change in the Cobalt Coordination Environment. *Angewandte Chemie*, **2005**, 117, 6831-6835	3.6	37
332	3D Extended Supramolecular Structures via H-Bonded Linkages of 2D Sheetlike or 1D Zigzag Coordination Polymers. *Inorganic Chemistry*, **1998**, 37, 4775-4781	5.1	37
331	PMMA-copolymerized color tunable and pure white-light emitting Eu3+–Tb3+ containing Ln-metallopolymers. *Journal of Materials Chemistry C*, **2017**, 5, 1742-1750	7.1	36
330	Embedding CoO nanoparticles in a yolk–shell N-doped porous carbon support for ultrahigh and stable lithium storage. *Journal of Materials Chemistry A*, **2019**, 7, 4036-4046	13	36
329	A porous metal–organic cage constructed from dirhodium paddle-wheels: synthesis, structure and catalysis. *Journal of Materials Chemistry A*, **2015**, 3, 20201-20209	13	36

328	Rigidifying Effect of Metal-Organic Frameworks: Protect the Conformation, Packing Mode, and Blue Fluorescence of a Soft Piezofluorochromic Compound under Pressures up to 8 MPa. *Inorganic Chemistry*, **2016**, 55, 7311-3	5.1	36
327	Mechanism and enantioselectivity of dirhodium-catalyzed intramolecular C-H amination of sulfamate. *Journal of Organic Chemistry*, **2013**, 78, 12460-8	4.2	36
326	Isoreticular bio-MOF 100-102 coated solid-phase microextraction fibers for fast and sensitive determination of organic pollutants by the pore structure dominated mechanism. *Analyst, The*, **2015**, 140, 4384-7	5	36
325	A Highly Red-Emissive Lead-Free Indium-Based Perovskite Single Crystal for Sensitive Water Detection. *Angewandte Chemie*, **2019**, 131, 5331-5335	3.6	36
324	Catalytic Space Engineering of Porphyrin Metal-Organic Frameworks for Combined CO Capture and Conversion at a Low Concentration. *ChemSusChem*, **2018**, 11, 2340-2347	8.3	36
323	Ultrathin Graphitic Carbon Nitride Nanosheets for Photocatalytic Hydrogen Evolution. *ACS Applied Nano Materials*, **2020**, 3, 1010-1018	5.6	35
322	Record high cationic dye separation performance for water sanitation using a neutral coordination framework. *Journal of Materials Chemistry A*, **2019**, 7, 4751-4758	13	34
321	Heterogenization of Photochemical Molecular Devices: Embedding a Metal-Organic Cage into a ZIF-8-Derived Matrix To Promote Proton and Electron Transfer. *Journal of the American Chemical Society*, **2019**, 141, 13057-13065	16.4	34
320	Recent advances in hierarchical macroporous composite structures for photoelectric conversion. *Energy and Environmental Science*, **2014**, 7, 3887-3901	35.4	34
319	Luminescent metal□organic gels with tetraphenylethylene moieties: porosity and aggregation-induced emission. *RSC Advances*, **2013**, 3, 16340	3.7	34
318	Two-dimensional charge-separated metal-organic framework for hysteretic and modulated sorption. *Inorganic Chemistry*, **2013**, 52, 4198-204	5.1	34
317	Redox responsive luminescent switch based on a ruthenium(II) complex [Ru(bpy)2(PAIDH)]2+. *Inorganic Chemistry Communication*, **2008**, 11, 1048-1050	3.1	34
316	Syntheses and characterizations of two lanthanide(III)□copper(II) coordination polymers constructed by pyridine-2,6-dicarboxylic acid. *Inorganica Chimica Acta*, **2005**, 358, 1298-1304	2.7	34
315	A novel (CF3SO3)□6 cluster with multiple F?F interactions: crystal structure of a self-assembled trinuclear Ag(I) complex with the tripodal ligand tris(2-benzimidazolylmethyl)amine. *Dalton Transactions RSC*, **2000**, 1831-1833		34
314	L C P : Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. *Angewandte Chemie - International Edition*, **2018**, 57, 198-202	16.4	34
313	Epitaxial Growth of Hetero-Ln-MOF Hierarchical Single Crystals for Domain- and Orientation-Controlled Multicolor Luminescence 3D Coding Capability. *Angewandte Chemie*, **2017**, 129, 14774-14778	3.6	33
312	Multi-Mode White Light Emission in a ZnII Coordination Polymer from Excited-State Intramolecular Proton Transfer (ESIPT) Ligands. *European Journal of Inorganic Chemistry*, **2016**, 2016, 2676-2680	2.3	33
311	A luminescent silver-phosphine tetragonal cage based on tetraphenylethylene. *Dalton Transactions*, **2016**, 45, 1668-73	4.3	33

310	Self-Generation of Surface Roughness by Low-Surface-Energy Alkyl Chains for Highly Stable Superhydrophobic/Superoleophilic MOFs with Multiple Functionalities. *Angewandte Chemie - International Edition*, **2019**, 58, 17033-17040	16.4	33
309	N-Heterocyclic carbene phosphaketene adducts as precursors to carbene-phosphinidene adducts and a rearranged □system. *Chemical Communications*, **2016**, 52, 11343-6	5.8	33
308	Bis-15-crown-5-ether-pillar[5]arene K-Responsive Channels. *Organic Letters*, **2017**, 19, 1438-1441	6.2	32
307	Hierarchical nanotubes constructed from CoSe2 nanorods with an oxygen-rich surface for an efficient oxygen evolution reaction. *Journal of Materials Chemistry A*, **2019**, 7, 15073-15078	13	32
306	Semidirected versus holodirected coordination and single-component white light luminescence in Pb(II) complexes. *New Journal of Chemistry*, **2015**, 39, 5287-5292	3.6	32
305	Photoluminescent 3D lanthanide MOFs with a rare (10,3)-d net based on a new tripodal organic linker. *CrystEngComm*, **2014**, 16, 6469-6475	3.3	32
304	Facile fabrication of hierarchical SnO(2) microspheres film on transparent FTO glass. *Inorganic Chemistry*, **2010**, 49, 1679-86	5.1	32
303	Syntheses and characterization of copper(II) complexes of bis(acetylacetone)trimethylenediimine. *Polyhedron*, **2001**, 20, 657-662	2.7	32
302	Nanosized NIR-Luminescent Ln Metal□Organic Cage for Picric Acid Sensing. *European Journal of Inorganic Chemistry*, **2017**, 2017, 646-650	2.3	31
301	CNT-Assembled Octahedron Carbon-Encapsulated CuP/Cu Heterostructure by In Situ MOF-Derived Engineering for Superior Lithium Storage: Investigations by Experimental Implementation and First-Principles Calculation. *Advanced Science*, **2020**, 7, 2000736	13.6	31
300	Homometallic Ln(III)-complexes from an ILCT ligand with sensitized vis-NIR emission, excitation-dependent PL color tuning and white-light emission. *Journal of Materials Chemistry C*, **2018**, 6, 3254-3259	7.1	31
299	A novel luminescent chemosensor for detecting Hg(2+) based on the pendant benzo crown ether terbium complex. *Dalton Transactions*, **2010**, 39, 9763-5	4.3	31
298	Near-infrared (NIR) emitting Nd/Yb(III) complexes sensitized by MLCT states of Ru(II)/Ir(III) metalloligands in the visible light region. *Dalton Transactions*, **2015**, 44, 15212-9	4.3	30
297	Novel organic dyes incorporating a carbazole or dendritic 3,6-diiodocarbazole unit for efficient dye-sensitized solar cells. *Dyes and Pigments*, **2014**, 100, 269-277	4.6	30
296	A butterfly-like yellow luminescent Ir(III) complex and its application in highly efficient polymer light-emitting devices. *Journal of Materials Chemistry*, **2012**, 22, 22496		30
295	Dehydration and rehydration behavior of a trinodal topological 3-D framework of Cd(II) benzimidazole-5,6-dicarboxylate. *CrystEngComm*, **2009**, 11, 2712	3.3	30
294	Large-grained perovskite films via FA x MA 1□ Pb(I x Br 1□) 3 single crystal precursor for efficient solar cells. *Nano Energy*, **2017**, 34, 264-270	17.1	29
293	Near-infrared (NIR) luminescent Zn(II)□Ln(III)-containing (Ln = Nd, Yb or Er) Wolf Type II metallopolymer hybrid materials. *Synthetic Metals*, **2015**, 199, 128-138	3.6	29

292	Near-infrared (NIR) luminescent metallopolymers based on Ln4(Salen)4 nanoclusters (Ln = Nd or Yb). *Journal of Materials Chemistry C*, **2014**, 2, 1489	7.1	29
291	Syntheses, crystal structures and antimicrobial activities of thioether ligands containing quinoline and pyridine terminal groups and their transition metal complexes. *Inorganica Chimica Acta*, **2011**, 374, 269-277	2.7	29
290	Novel One- and Two-Dimensional Ag(I) Networks Generated from Double Schiff Base Ligands with Disubstituted Quinoxaline Diazenes as the Terminal Binding Sites. *Crystal Growth and Design*, **2005**, 5, 1857-1866	3.5	29
289	Nonpenetrating Architectures of Cd(II) Complexes Constructed by Bispyridyl-Substituted Diphthalic Diimide Ligands of Varied Geometry. *Crystal Growth and Design*, **2005**, 5, 419-421	3.5	29
288	Doubly interpenetrating stereoisomeric three-dimensional frameworks of tripodal neodymium(III) complexes from potentially spacer-controlled enantioselective self-assembly. *Dalton Transactions RSC*, **2000**, 1857-1862		29
287	Chemistry of tripodal ligands. Part III.: Copper complexes of tris(benzimidazol-2-ylmethyl)amine and of its N-n-propyl derivative. *Polyhedron*, **1999**, 18, 1577-1585	2.7	29
286	A facile method for scalable synthesis of ultrathin g-C3N4 nanosheets for efficient hydrogen production. *Journal of Materials Chemistry A*, **2018**, 6, 18252-18257	13	29
285	Solvent- and anion-induced interconversions of metal-organic cages. *Chemical Communications*, **2016**, 52, 8745-8	5.8	28
284	First Examples of Near-Infrared Luminescent Poly(methyl methacrylate)-Supported Metallopolymers Based on Zn2Ln-Arrayed Schiff Base Complexes. *European Journal of Inorganic Chemistry*, **2014**, 2014, 2839-2848	2.3	28
283	Silver(I) complexes with quinoline based linear multidentate ligands: self-assembly of sulfur-bridged tetrametallotricyclic boxes. *Dalton Transactions RSC*, **2000**, 1985-1993		28
282	Cage-confined photocatalysis for wide-scope unusually selective [2 + 2] cycloaddition through visible-light triplet sensitization. *Nature Communications*, **2020**, 11, 4675	17.4	28
281	Nanospace Engineering of Metal-Organic Frameworks through Dynamic Spacer Installation of Multifunctionalities for Efficient Separation of Ethane from Ethane/Ethylene Mixtures. *Angewandte Chemie - International Edition*, **2021**, 60, 9680-9685	16.4	28
280	An imidazole based ESIPT molecule for fluorescent detection of explosives. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 355, 377-381	4.7	28
279	Regio- and Enantioselective Photodimerization within the Confined Space of a Homochiral Ruthenium/Palladium Heterometallic Coordination Cage. *Angewandte Chemie*, **2017**, 129, 3910-3914	3.6	27
278	Molecular Insight into Fluorocarbon Adsorption in Pore Expanded Metal-Organic Framework Analogs. *Journal of the American Chemical Society*, **2020**, 142, 3002-3012	16.4	27
277	Porphyrin-based imine gels for enhanced visible-light photocatalytic hydrogen production. *Journal of Materials Chemistry A*, **2018**, 6, 3195-3201	13	27
276	Hollow Cobalt Phosphide with N-Doped Carbon Skeleton as Bifunctional Electrocatalyst for Overall Water Splitting. *Inorganic Chemistry*, **2019**, 58, 14652-14659	5.1	27
275	Stable organic dyes based on the benzo[1,2-b:4,5-b?]dithiophene donor for efficient dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2015**, 3, 8083-8090	13	27

274	Highly catalytic carbon nanotube/Pt nanohybrid-based transparent counter electrode for efficient dye-sensitized solar cells. *Chemistry - an Asian Journal*, **2012**, 7, 1795-802	4.5	27
273	Formation of Disilver(I) Metallacycle and One-Dimensional Polymeric Chain from the Same Mononuclear Building Block: Assembly Mechanism upon Crystallization. *Crystal Growth and Design*, **2008**, 8, 897-905	3.5	27
272	Metal-Organic Cages for Biomedical Applications. *Israel Journal of Chemistry*, **2019**, 59, 209-219	3.4	26
271	Influence of the selective EDTA derivative phenyldiaminetetraacetic acid on the speciation and extraction of heavy metals from a contaminated soil. *Chemosphere*, **2014**, 109, 1-6	8.4	26
270	Coordination assembly of Borromean structures. *CrystEngComm*, **2014**, 16, 7847-7859	3.3	26
269	Discrete Ag6L6 coordination nanotubular structures based on a T-shaped pyridyl diphosphine. *Chemical Communications*, **2011**, 47, 3849-51	5.8	26
268	Helical complexes from the self-assembly of silver salts and the polydentate thioether 1,2-bis(8-thioquinoline)-m-xylene. *Inorganica Chimica Acta*, **2002**, 336, 151-156	2.7	26
267	Hydrophobic Hole-Transporting Materials Incorporating Multiple Thiophene Cores with Long Alkyl Chains for Efficient Perovskite Solar Cells. *Electrochimica Acta*, **2016**, 209, 529-540	6.7	26
266	Multi-Mode Color-Tunable Long Persistent Luminescence in Single-Component Coordination Polymers. *Angewandte Chemie - International Edition*, **2021**, 60, 2526-2533	16.4	26
265	Nonplanar Organic Sensitizers Featuring a Tetraphenylethene Structure and Double Electron-Withdrawing Anchoring Groups. *Journal of Organic Chemistry*, **2015**, 80, 9034-40	4.2	25
264	From Homogeneous to Heterogeneous Catalysis of the Three-Component Coupling of Oxysulfonyl Azides, Alkynes, and Amines. *ChemCatChem*, **2013**, 5, 3131-3138	5.2	25
263	Starburst triarylamine based dyes bearing a 3,4-ethylenedioxythiophene linker for efficient dye-sensitized solar cells. *Physical Chemistry Chemical Physics*, **2013**, 15, 11909-17	3.6	25
262	Amine-functionalized MIL-53(Al)-coated stainless steel fiber for efficient solid-phase microextraction of synthetic musks and organochlorine pesticides in water samples. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5239-5247	4.4	25
261	Heterometallic coordination polymer gels based on a rigid, bifunctional ligand. *Chemistry - A European Journal*, **2011**, 17, 2369-72	4.8	25
260	Supramolecular assembly from decavanadate anion and decamethylcucurbit[5]uril. *Dalton Transactions*, **2009**, 1101-3	4.3	25
259	Structure, biological and electrochemical studies of transition metal complexes from N,S,N? donor ligand 8-(2-pyridinylmethylthio)quinoline. *Polyhedron*, **2010**, 29, 581-591	2.7	25
258	One-dimensional silver(I) and mercury(II) complexes with 1,4-bis(1-benzyl-benzimidazol-2-yl)cyclohexane (N-BBzBimCH). *Inorganica Chimica Acta*, **2007**, 360, 2990-2996	2.7	25
257	Assembly of a twin-cage complex containing a linear array of Pd3. *Dalton Transactions RSC*, **2001**, 1167-1168		25

256	Organic–inorganic hybrid cyclic aggregate or 2D network assembled by silver(I) 3,5-dinitrobenzoate with 2-methylimidazole or 2-aminopyrimidine. *New Journal of Chemistry*, **2001**, 25, 479-482	3.6	25
255	In situ construction of a MOF-derived carbon-encapsulated LiCoO2 heterostructure as a superior cathode for elevated-voltage lithium storage: from experimental to theoretical study. *Journal of Materials Chemistry A*, **2020**, 8, 6607-6618	13	24
254	All Roads Lead to Rome: Tuning the Luminescence of a Breathing Catenated Zr-MOF by Programmable Multiplexing Pathways. *Chemistry of Materials*, **2019**, 31, 5550-5557	9.6	24
253	Tetraphenylethylene-based phosphine: tuneable emission and carbon dioxide fixation. *Dalton Transactions*, **2014**, 43, 15785-90	4.3	24
252	A CdSO4-Type 3D Metal–Organic Framework Showing Coordination Dynamics on Cu2+ Axial Sites: Vapochromic Response and Guest Sorption Selectivity. *Crystal Growth and Design*, **2013**, 13, 1518-1525	3.5	24
251	Monodisperse microporous carbon nanospheres: An efficient and stable solid phase microextraction coating material. *Analytica Chimica Acta*, **2015**, 884, 44-51	6.6	24
250	[NiL]2[Fe(CN)6]·4H2O [L = 3,10-bis(2-hydroxyethyl)-1,3,5,8,10,12-hexaazacyclotetradecane]: a novel three-dimensional iron(II)–nickel(II) cyanide-bridged bimetallic assembly with a vat-like structure. *New Journal of Chemistry*, **2001**, 25, 216-217	3.6	24
249	Homochiral coordination cages assembled from dinuclear paddlewheel nodes and enantiopure ditopic ligands: syntheses, structures and catalysis. *Dalton Transactions*, **2015**, 44, 12180-8	4.3	23
248	Fabrication of a double layered photoanode consisting of SnO2 nanofibers and nanoparticles for efficient dye-sensitized solar cells. *RSC Advances*, **2013**, 3, 13804	3.7	23
247	Anion Modulated Structural Diversification in the Assembly of Cd(II) Complexes Based on a Balance-like Dipodal Ligand. *Crystal Growth and Design*, **2012**, 12, 2389-2396	3.5	23
246	1-D-Tin(II) Phenylchalcogenolato Complexes ∞1[Sn(EPh)2] (E = S, Se, Te) ∞Synthesis, Structures, Quantum Chemical Studies and Thermal Behaviour. *European Journal of Inorganic Chemistry*, **2010**, 2010, 410-418	2.3	23
245	Crystal structures and luminescent properties of the lanthanide picrate complexes with an amide-type tripodal ligand. *Inorganic Chemistry Communication*, **2005**, 8, 1018-1021	3.1	23
244	Chemistry of aroylhydrazones II.: Enol-form coordination of 4,5-diazafluorene-9-one salicyloylhydrazone (H2L) to transition metals and crystal structures of H2L, Mn(HL)2(H2O)2 and Co(HL)2(DMF)2. *Polyhedron*, **2000**, 19, 1295-1304	2.7	23
243	A novel polymeric silver(I) complex with a 2D brick structure. *Inorganic Chemistry Communication*, **2000**, 3, 405-407	3.1	23
242	The first example of Tb–containing metallopolymer-type hybrid materials with efficient and high color-purity green luminescence. *Dalton Transactions*, **2015**, 44, 6229-41	4.3	22
241	Metal–organic aerogels based on dinuclear rhodium paddle-wheel units: design, synthesis and catalysis. *Inorganic Chemistry Frontiers*, **2016**, 3, 702-710	6.8	22
240	Assembly of Binuclear, Tetranuclear, and Multinuclear Complexes from Pincer-Like Mononuclear Metallotectons: Structural Diversity Dependent on Precursors. *Crystal Growth and Design*, **2015**, 15, 625-634	3.5	22
239	Luminescent coordination polymer gels based on rigid terpyridyl phosphine and Ag(I). *Dalton Transactions*, **2012**, 41, 3616-9	4.3	22

238	Structural tuning of meso-hexamer, chiral-trimer and chiral-chain by anion directed supramolecular interactions. *CrystEngComm*, **2011**, 13, 4564	3.3	22
237	Metal-Directed Assembly of Hexameric Ring, Dimeric Ring and 1D Chain from a Branched Tripodal Ligand. *Crystal Growth and Design*, **2011**, 11, 4876-4884	3.5	22
236	Pd2L2 metallacycles as molecular containers for small molecules. *Dalton Transactions*, **2010**, 39, 11171-9	4.3	22
235	Synthesis and Characterization of Light Lanthanide Complexes with Monosubstituted Dithiocarbamates. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1997**, 27, 291-300		22
234	An effective metallohydrolase model with a supramolecular environment: structures, properties, and activities. *Chemistry - A European Journal*, **2007**, 13, 2402-9	4.8	22
233	Guest-Inclusion Behavior of Double-Strand 1D Coordination Polymers Based on N,N?-Type Schiff Base Ligands. *European Journal of Inorganic Chemistry*, **2008**, 2008, 1702-1711	2.3	22
232	Bivalent transition metal complexes of 4,5-diazafluorene-9-one benzoylhydrazone (HL) and the characterization of weak interaction in CoL2(H2O)2. *Journal of Molecular Structure*, **2000**, 553, 91-99	3.4	22
231	ESIPT-Modulated Emission of Lanthanide Complexes: Different Energy-Transfer Pathways and Multiple Responses. *Chemistry - A European Journal*, **2018**, 24, 10091	4.8	22
230	Investigation of Binding Behavior between Drug Molecule 5-Fluoracil and M L -Type Tetrahedral Cages: Selectivity, Capture, and Release. *Chemistry - A European Journal*, **2017**, 23, 3542-3547	4.8	21
229	Facile synthesis of porous hybrid materials based on Calix-3 dye and TiO2 for high photocatalytic water splitting performance with excellent stability. *Journal of Materials Chemistry A*, **2019**, 7, 2993-2999	13	21
228	Photoluminescence and white-light emission in two series of heteronuclear Pb(II)□In(III) complexes. *New Journal of Chemistry*, **2015**, 39, 3770-3776	3.6	21
227	Porous CoPd nanotube arrays for hydrogen generation by catalyzing the hydrolysis of alkaline NaBH4 solution. *Journal of Materials Chemistry A*, **2015**, 3, 8250-8255	13	21
226	Dye-sensitized solar cells with improved performance using cone-calix[4]arene based dyes. *ChemSusChem*, **2015**, 8, 280-7	8.3	21
225	L3C3P3: Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. *Angewandte Chemie*, **2018**, 130, 204-208	3.6	21
224	Precise Modulation of the Breathing Behavior and Pore Surface in Zr-MOFs by Reversible Post-Synthetic Variable-Spacer Installation to Fine-Tune the Expansion Magnitude and Sorption Properties. *Angewandte Chemie*, **2016**, 128, 10086-10090	3.6	21
223	Pressure-Induced Multiphoton Excited Fluorochromic Metal-Organic Frameworks for Improving MPEF Properties. *Angewandte Chemie - International Edition*, **2019**, 58, 14379-14385	16.4	21
222	Formation of 0D M5L2 helicate cage and 1D loop-and-chain complexes: stepwise assembly and catalytic activity. *CrystEngComm*, **2013**, 15, 7106	3.3	21
221	Cocrystallization of coordinative and inorganic lanthanide centers showing dual emission via linked or unlinked antenna. *CrystEngComm*, **2012**, 14, 3868	3.3	21

220	A new Ag(I)4,4?-bipyridine coordination polymer of honeycomb (6,3) networks containing a Ag6(4,4?-bipy)6 hexagonal ring of 17 26 dimensions. *CrystEngComm*, **2005**, 7, 603	3.3	21
219	Three-fold parallel interlocking of 2-D brick-wall networks showing ladder-like unsymmetrical Borromean links. *CrystEngComm*, **2006**, 8, 827	3.3	21
218	Anion-controlled assembly of low-dimensional silver(I) complexes of 2-(3-pyridyl)benzimidazole (PyBIm). *Inorganic Chemistry Communication*, **1999**, 2, 383-385	3.1	21
217	Impregnation of metal ions into porphyrin-based imine gels to modulate guest uptake and to assemble a catalytic microfluidic reactor. *Journal of Materials Chemistry A*, **2016**, 4, 8328-8336	13	21
216	Highly efficient and stable cyclometalated ruthenium(II) complexes as sensitizers for dye-sensitized solar cells. *Electrochimica Acta*, **2015**, 174, 494-501	6.7	20
215	Hierarchical ZnO nanorod-on-nanosheet arrays electrodes for efficient CdSe quantum dot-sensitized solar cells. *Science China Materials*, **2016**, 59, 807-816	7.1	20
214	A porous hybrid material based on calixarene dye and TiO2 demonstrating high and stable photocatalytic performance. *Journal of Materials Chemistry A*, **2019**, 7, 19852-19861	13	20
213	Anion dependent self-assembly of 56-metal Cd-Ln nanoclusters with enhanced near-infrared luminescence properties. *Nanoscale*, **2014**, 6, 10569-73	7.7	20
212	Porous organic inorganic hybrid aerogels based on bridging acetylacetonate. *Microporous and Mesoporous Materials*, **2014**, 187, 108-113	5.3	20
211	Novel Ga-doped, self-supported, independent aligned ZnO nanorods: one-pot hydrothermal synthesis and structurally enhanced photocatalytic performance. *RSC Advances*, **2011**, 1, 1691	3.7	20
210	Syntheses, structures and bioactivities of cadmium(II) complexes with a tridentate heterocyclic N- and S-ligand. *Inorganica Chimica Acta*, **2009**, 362, 3519-3525	2.7	20
209	Ceria-terbia solid solution nanobelts with high catalytic activities for CO oxidation. *Chemical Communications*, **2009**, 7557-9	5.8	20
208	Function of the hydrogen bond in the conversion of to Mo8O264 ions: Formation and structure of tetra(tributylhydrogenammonium) octamolybdate. *Polyhedron*, **1999**, 18, 3371-3375	2.7	20
207	Engineering Porphyrin Metal-Organic Framework Composites as Multifunctional Platforms for CO Adsorption and Activation. *Journal of the American Chemical Society*, **2020**, 142, 14548-14556	16.4	20
206	Photoluminescent Phosphinine Cu(I) Halide Complexes: Temperature Dependence of the Photophysical Properties and Applications as a Molecular Thermometer. *Inorganic Chemistry*, **2018**, 57, 13235-13245	5.1	20
205	White-Light Emission from Dual-Way Photon Energy Conversion in a Dye-Encapsulated Metal Organic Framework. *Angewandte Chemie*, **2019**, 131, 9854-9859	3.6	19
204	Novel carbazole based sensitizers for efficient dye-sensitized solar cells: Role of the hexyl chain. *Dyes and Pigments*, **2015**, 114, 18-23	4.6	19
203	Guest uptake and heterogeneous catalysis of a porous Pd(II) N -heterocyclic carbene polymer. *Journal of Molecular Catalysis A*, **2014**, 394, 33-39		19

202	Hierarchically Porous Single Nanocrystals of Bimetallic Metal-Organic Framework for Nanoreactors with Enhanced Conversion. *Chemistry of Materials*, **2018**, 30, 6458-6468	9.6	19
201	A Porous Zn(II)-Metal-Organic Framework Constructed from Fluorinated Ligands for Gas Adsorption. *Crystal Growth and Design*, **2017**, 17, 1476-1479	3.5	18
200	Face-Capped M(4) L4 Tetrahedral Metal-Organic Cage: Iodine Capture and Release, Ion Exchange, and Electrical Conductivity. *Chemistry - an Asian Journal*, **2016**, 11, 216-20	4.5	18
199	Coordination of a Hemilabile N,N,S Donor Ligand in the Redox System [CuL2]+/2+, L = 2-Pyridyl-N-(2?-alkylthio-phenyl)methyleneimine. *European Journal of Inorganic Chemistry*, **2011**, 2011, 1436-1441	2.3	18
198	DFT Study on the Mechanism of Amides to Aldehydes Using Cp2Zr(H)Cl. *Organometallics*, **2010**, 29, 42-51	3.8	18
197	A 2D Ag(I) layered coordination polymer based on pyridyl diphosphine: structure and selective sorption properties via weak CH?F/O interactions. *CrystEngComm*, **2010**, 12, 725-729	3.3	18
196	The interplay of coordinative and hydrogen-bonding in directing the [M(4,4?-bpy)2(H2O)2] square-grid networks: formation of 3D porous framework [Cd(4,4?-bpy)2(H2O)2](ClO4)2(4,4?-bpy)(CH3OH)2. *CrystEngComm*, **2008**, 10, 1147	3.3	18
195	Assembly of 1D meso coordination polymer from a chiral mononuclear complex by N-deprotonation of the tris(2-benzimidazolyl) ligand. *Inorganica Chimica Acta*, **2008**, 361, 2934-2940	2.7	18
194	A non-interpenetrating 2D coordination polymer from a (CH2)8 spacer-based highly flexible linear ligand and AgCF3CO2. *New Journal of Chemistry*, **2003**, 27, 790-792	3.6	18
193	Two-Dimensional Sheets of Rugged Hexagonal Grids of [Cu(6)(trans-oxen)(3)(&mgr;(3)-OH)(2)(H(2)O)(2)](n)()(4)(n)()(+) with Copper(II) Bridged by trans-Oxamidate (oxen) and &mgr;(3)-OH(-) Groups. *Inorganic Chemistry*, **1998**, 37, 3877-3880	5.1	18
192	Studies on Lanthanide Complexes of the Tripodal Ligand Tris(benzimidazol-2-ylmethyl)amine (ntb). Crystal Structures of [Ln(ntb)(NO3)3].H2O (Ln = Ce, Er). *Australian Journal of Chemistry*, **1998**, 51, 565	1.2	18
191	Binuclear Ru-Ru and Ir-Ru complexes for deep red emission and photocatalytic water reduction. *Journal of Materials Chemistry A*, **2017**, 5, 9807-9814	13	17
190	Time controlled structural/packing transformation and tunable luminescence of Cd(II)-chloride-triBZ-ntb coordination assemblies: an experimental and theoretical exploration. *CrystEngComm*, **2015**, 17, 546-552	3.3	17
189	3,4-Phenylenedioxythiophene (PheDOT) Based Hole-Transporting Materials for Perovskite Solar Cells. *Chemistry - an Asian Journal*, **2016**, 11, 1043-9	4.5	17
188	Multiresponsive UV-One-Photon Absorption, Near-Infrared-Two-Photon Absorption, and X/-Photoelectric Absorption Luminescence in One [CuI] Compound. *Inorganic Chemistry*, **2019**, 58, 10736-10742	5.1	17
187	Fabrication of partially crystalline TiO2 nanotube arrays using 1, 2-propanediol electrolytes and application in dye-sensitized solar cells. *Advanced Powder Technology*, **2013**, 24, 175-182	4.6	17
186	A ternary Cu-Sn-S cluster complex--(NBu4)[Cu19S28(SnPh)12(PEt2Ph)3]. *Dalton Transactions*, **2012**, 41, 3321-7	4.3	17
185	A new 2-carboxylate-substituted 4,4'-bipyridine ligand: coordination chemistry of 4,4'-bipyridine-2-carboxylic acid and its synthetic intermediate 2-methyl-4,4'-bipyridine. *Dalton Transactions*, **2006**, 5278-86	4.3	17

184	Synthesis, characterization, and crystal structures of novel coordination compounds assembled from the reaction between the asymmetric, chelating ligand 2-(4-pyridyl)thiazole-4-carboxylic acid with Zn+2 and Ag+ ions. *Journal of Molecular Structure*, **2006**, 796, 86-94	3.4	17
183	Chair- and Boat-Configurations of Silver(I) Complexes of Ditopic Ligand Involving Benzimidazolyl Substituents. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2002**, 628, 2321-2328	1.3	17
182	Chemistry of aroylhydrazones: bis-bipyridine ruthenium(II) complexes with aroylhydrazone ligands containing ferrocenyl moiety. *Journal of Molecular Structure*, **2000**, 523, 133-141	3.4	17
181	Self-standing MOF-derived LiCoO2 nanopolyhedron on Au-coated copper foam as advanced 3D cathodes for lithium-ion batteries. *Applied Materials Today*, **2020**, 19, 100565	6.6	16
180	Carbene insertion into N-H bonds with size-selectivity induced by a microporous ruthenium-porphyrin metal-organic framework. *Dalton Transactions*, **2018**, 47, 3940-3946	4.3	16
179	Cyclometalated Platinum(II) Complexes of 1,3-Bis(1-n-butylpyrazol-3-yl)benzenes: Synthesis, Characterization, Electrochemical, Photophysical, and Gelation Behavior Studies. *Inorganic Chemistry*, **2016**, 55, 11920-11929	5.1	16
178	Synthesis, characterization and optical properties of a series of binuclear copper chalcogenolato complexes. *Inorganica Chimica Acta*, **2014**, 419, 118-123	2.7	16
177	Structures and luminescent properties of Tb(III) and Tb(III)Ni(II) coordination polymers based on pyridyl dicarboxylate. *Inorganica Chimica Acta*, **2012**, 388, 16-21	2.7	16
176	Crystal structures, DFT calculations and biological activities of three mercury complexes from a pentadentate thioether ligand. *Inorganic Chemistry Communication*, **2013**, 34, 4-7	3.1	16
175	Synthesis and Crystal Structure of the Tetranuclear Copper(I) Complex [Cu4I4(MPTQ)2] with aN,S,N?-Tridentate Ligand(MPTQ = 8-((2-Pyridylmethyl)thio)quinoline). *Chemistry Letters*, **1997**, 26, 821-822	1.7	16
174	Extended structures sustained by hydrogen bonding and π interactions: Synthesis and characterization of Cd(II) complexes with bis(benzimidazolyl) ligands. *Inorganica Chimica Acta*, **2005**, 358, 4527-4533	2.7	16
173	3D Cathodes of Cupric Oxide Nanosheets Coated onto Macroporous Antimony-Doped Tin Oxide for Photoelectrochemical Water Splitting. *ChemSusChem*, **2016**, 9, 3012-3018	8.3	16
172	A Metal–Organic Supramolecular Box as a Universal Reservoir of UV, WL, and NIR Light for Long-Persistent Luminescence. *Angewandte Chemie*, **2019**, 131, 3519-3523	3.6	16
171	Tunability of fluorescent metal-organic frameworks through dynamic spacer installation with multivariate fluorophores. *Chemical Communications*, **2018**, 54, 13666-13669	5.8	16
170	In situ gelation of Al(III)-4-tert-butylpyridine based metal-organic gel electrolyte for efficient quasi-solid-state dye-sensitized solar cells. *Journal of Power Sources*, **2017**, 343, 148-155	8.9	15
169	Synthesis, photophysical properties and in vitro evaluation of a chlorambucil conjugated ruthenium(ii) complex for combined chemo-photodynamic therapy against HeLa cells. *Journal of Materials Chemistry B*, **2017**, 5, 4623-4632	7.3	15
168	Phosphanyl Cyanophosphide Salts: Versatile PCN Building Blocks. *Angewandte Chemie - International Edition*, **2019**, 58, 11429-11433	16.4	15
167	Temperature-dependent self-assembly of near-infrared (NIR) luminescent Zn2Ln and Zn2Ln3 (Ln=Nd, Yb or Er) complexes from the flexible Salen-type Schiff-base ligand. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 132, 205-14	4.4	15

166	The Redox Coupling Effect in a Photocatalytic RuII-PdII Cage with TTF Guest as Electron Relay Mediator for Visible-Light Hydrogen-Evolving Promotion. *Angewandte Chemie*, **2020**, 132, 2661-2665	3.6	15
165	Anomalous thermally-activated NIR emission of ESIPT modulated Nd-complexes for optical fiber sensing devices. *Chemical Communications*, **2018**, 54, 6304-6307	5.8	15
164	Metal-organic frameworks and their derivatives as electrode materials for potassium ion batteries: A review. *Coordination Chemistry Reviews*, **2021**, 446, 214118	23.2	15
163	Cobalt (oxy)hydroxide nanosheet arrays with exceptional porosity and rich defects as a highly efficient oxygen evolution electrocatalyst under neutral conditions. *Journal of Materials Chemistry A*, **2019**, 7, 10217-10224	13	14
162	A Dicobalt Complex with an Unsymmetrical Quinonoid Bridge Isolated in Three Units of Charge: A Combined Structural, (Spectro)electrochemical, Magnetic and Spectroscopic Study. *Chemistry - A European Journal*, **2016**, 22, 13884-13893	4.8	14
161	Stepwise engineering of pore environments and enhancement of CO/R22 adsorption capacity through dynamic spacer installation and functionality modification. *Chemical Communications*, **2017** , 53, 11403-11406	5.8	14
160	Structural disorder and transformation in crystal growth: direct observation of ring-opening isomerization in a metal-organic solid solution. *IUCrJ*, **2014**, 1, 318-27	4.7	14
159	Hydrothermal synthesis of HgTe rod-shaped nanocrystals. *Materials Letters*, **2007**, 61, 126-129	3.3	14
158	Low-dimensional framework constructed by silver(I) trifluoromethylsulfonate with 1,5-bis(benzimidazol-2-yl)-3-oxapentane or 1,6-bis(benzimidazol-2-yl)-2,5-dioxahexane. *Inorganica Chimica Acta*, **2003**, 342, 107-113	2.7	14
157	2D hexagonal grids assembled into 3D nets via Ag⋯Ag interactions. *Journal of Chemical Crystallography*, **1999**, 29, 1239-1243	0.5	14
156	Observation of cascade f-d-f energy transfer in sensitizing near-infrared (NIR) lanthanide complexes containing the Ru(II) polypyridine metalloligand. *New Journal of Chemistry*, **2016**, 40, 5379-5386	3.6	14
155	CdS/CdSe co-sensitized hierarchical TiO2 nanofiber/ZnO nanosheet heterojunction photoanode for quantum dot-sensitized solar cells. *RSC Advances*, **2016**, 6, 78202-78209	3.7	14
154	Elucidating Anion-Dependent Formation and Conversion of Pd2L4 and Pd3L6 Metal–Organic Cages by Complementary Techniques. *European Journal of Inorganic Chemistry*, **2018**, 2018, 80-85	2.3	14
153	Making the unconventional η6:η1:η1-P bridging binding mode more conventional in phosphinine complexes. *Chemical Science*, **2019**, 10, 3168-3180	9.4	13
152	Metal–organic frameworks (MOFs). *Journal of Solid State Chemistry*, **2015**, 223, 1	3.3	13
151	Gelation of Luminescent Supramolecular Cages and Transformation to Crystals with Trace-Doped-Enhancement Luminescence. *Langmuir*, **2016**, 32, 12184-12189	4	13
150	Ruthenium dyes with heteroleptic tridentate 2,6-bis(benzimidazol-2-yl)-pyridine for dye-sensitized solar cells: Enhancement in performance through structural modifications. *Inorganica Chimica Acta*, **2012**, 392, 388-395	2.7	13
149	A mild one-step process from graphene oxide and Cd2+ to a graphene-CdSe quantum dot nanocomposite with enhanced photoelectric properties. *ChemPhysChem*, **2012**, 13, 2654-8	3.2	13

148	Porous zinc(II)-organic framework with potential open metal sites: Synthesis, structure and property. *Science China Chemistry*, **2011**, 54, 1436-1440	7.9	13
147	Copper(I) Chelation by Tetradentate NSSN Donor Ligands: Reversible Oxidation but no Oxygenation. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2011**, 637, 930-934	1.3	13
146	Solvent-free synthesis of a Pd(II) coordination networked complex as reusable catalyst based on 3,5-bis(diphenylphosphino)benzoic acid. *Inorganica Chimica Acta*, **2009**, 362, 3513-3518	2.7	13
145	Pseudo-base formation in the attempted synthesis of a conjugatively coupled bis(nitrosylruthenium) complex and spectroelectrochemistry of bipyrimidine-bridged dinuclear Ru(terpy)X precursor compounds (X = Cl, NO2). *Dalton Transactions*, **2008**, 868-73	4.3	13
144	Bright Blue-Emitting Ce3+ Complexes with Encapsulating Polybenzimidazole Tripodal Ligands as Potential Electroluminescent Devices. *Angewandte Chemie*, **2007**, 119, 7543-7547	3.6	13
143	Syntheses and 1D structures of organic–inorganic hydrid polymers combining M(ClO4)2 (M=Cd, Zn) junctions and the semi-flexible bis-pyridyl ligand 3-pmpmd (N,N?-bis(3-pyridylmethyl)pyromellitic diimide). *Inorganica Chimica Acta*, **2005**, 358, 1771-1776	2.7	13
142	A Flexible Cu-MOF as Crystalline Sponge for Guests Determination. *Inorganic Chemistry*, **2019**, 58, 61-64	5.1	13
141	Structural Conformation and Optical and Electrochemical Properties of Imidazolyl-Substituted Naphthalenediimide and Its HgII, CdII, and CuI Halide Complexes. *European Journal of Inorganic Chemistry*, **2012**, 2012, 1171-1179	2.3	12
140	Chiral dirhodium catalysts derived from L-serine, L-threonine and L-cysteine: design, synthesis and application. *Organic Chemistry Frontiers*, **2015**, 2, 890-907	5.2	12
139	Platinum(II)-catalyzed cyclization sequence of aryl alkynes via C(sp3)-H activation: a DFT study. *Journal of Organic Chemistry*, **2012**, 77, 6076-86	4.2	12
138	A versatile Tb(III) complex for picosecond filamentation, a transparent thin film and a supramolecular gel. *Photochemical and Photobiological Sciences*, **2011**, 10, 1760-5	4.2	12
137	Near infrared photoluminescence of ytterbium(III) complexes from tripodal ligands with different coordination conformations. *Inorganica Chimica Acta*, **2010**, 363, 3757-3764	2.7	12
136	pH Value controlled structures: from macrocyclic complex monomer to 2D macrocyclic sheet. *Inorganic Chemistry Communication*, **2005**, 8, 421-424	3.1	12
135	Nickel(II) and cobalt(II) complexes with a mixed donor acyclic ligand bearing heterocyclic moieties as terminal groups. *Transition Metal Chemistry*, **2000**, 25, 594-598	2.1	12
134	Syntheses and Crystal Structures of Methyl 2-Pyridylmethylidenehydrazinecarbodithioate and of Its Copper(II) Complex: Supramolecular Arrays Exhibitingpseudo-Helical Arrangement Controlled by Hydrogen Bonding or S□S Contact. *Bulletin of the Chemical Society of Japan*, **1999**, 72, 2217-2222	5.1	12
133	From 0 to II in One-Electron Steps: A Series of Ruthenium Complexes Supported by TropPPh2. *Angewandte Chemie - International Edition*, **2016**, 55, 11999-2002	16.4	11
132	Highly selective fluorescent calix[4]arene chemosensor for acidic amino acids in pure aqueous media. *Tetrahedron Letters*, **2012**, 53, 2918-2921	2	11
131	A Novel Octahedral Hexasilver(I) Cluster: Ag6[SSCN(n-C4H9)2]6. *Chinese Journal of Chemistry*, **2010**, 20, 420-423	4.9	11

130	One-step fabrication of selenium and tellurium tubular structures. *Inorganic Chemistry Communication*, **2004**, 7, 1014-1016	3.1	11
129	Columnar Supramolecular Architecture Self-Assembled from S4-Symmetric Coordination Nanotubes Encapsulating Neutral Guest Molecules. *Angewandte Chemie*, **2003**, 115, 4219-4223	3.6	11
128	2D structure with rectangular grids woven by coordination chains and pseudo-metal wires. *Inorganic Chemistry Communication*, **2001**, 4, 41-44	3.1	11
127	An iridium(III)-palladium(II) metal-organic cage for efficient mitochondria-targeted photodynamic therapy. *Chinese Chemical Letters*, **2020**, 31, 1183-1187	8.1	11
126	Transforming HKUST-1 Metal□Organic Frameworks into Gels □Stimuli-Responsiveness and Morphology Evolution. *European Journal of Inorganic Chemistry*, **2017**, 2017, 2580-2584	2.3	10
125	Solution-Processed Anatase Titania Nanowires: From Hyperbranched Design to Optoelectronic Applications. *Accounts of Chemical Research*, **2019**, 52, 633-644	24.3	10
124	Dynameric host frameworks for the activation of lipase through H-bond and interfacial encapsulation. *Chemical Communications*, **2016**, 52, 13768-13770	5.8	10
123	A fluorescent calixarene-based dimeric capsule constructed a M-terpyridine interaction: cage structure, inclusion properties and drug release.. *RSC Advances*, **2018**, 8, 22530-22535	3.7	10
122	Rational surface engineering of anatase titania core-shell nanowire arrays: full-solution processed synthesis and remarkable photovoltaic performance. *ACS Applied Materials & Interfaces*, **2014**, 6, 19100-8	9.5	10
121	Constructing 3D Branched Nanowire Coated Macroporous Metal Oxide Electrodes with Homogeneous or Heterogeneous Compositions for Efficient Solar Cells. *Angewandte Chemie*, **2014**, 126, 4916-4921	3.6	10
120	Novel phenanthroline-based ruthenium complexes for dye-sensitized solar cells: enhancement in performance through fluoro-substitution. *RSC Advances*, **2013**, 3, 19311	3.7	10
119	NixSy/NiSe2 Hybrid Catalyst Grown In Situ on Conductive Glass Substrate as Efficient Counter Electrode for Dye-Sensitized Solar Cells. *Electrochimica Acta*, **2017**, 250, 244-250	6.7	10
118	Luminescent behavior and energy transfer in homometallic Eu and ion associating Eu□n complexes with a pentadentate ligand. *Inorganic Chemistry Communication*, **2012**, 25, 48-50	3.1	10
117	A semi-rigid bis(imidazolyl) ligand for the construction of nanoscopic supramolecules. From the molecular rectangle to the 1D coordination polymer. *Transition Metal Chemistry*, **2004**, 29, 911-915	2.1	10
116	Vanadium chemistry of o-mercaptophenol. Part IV. Construction of heterobinuclear complexes via the synthon [V(mp)3]2□(mp = o-mercaptophenolato dianion). Syntheses and structures of (BzMe3N)2[V(mp)3] □MeCN □1/2 MeOH and V□o complexes. *Transition Metal Chemistry*, **1999**, 24, 712-717	2.1	10
115	Hydrophobic metallo-supramolecular PdL cages for zwitterionic guest encapsulation in organic solvents. *Dalton Transactions*, **2017**, 46, 15204-15207	4.3	9
114	An Acid Stable Metal-Organic Framework as an Efficient and Recyclable Catalyst for the O□H Insertion Reaction of Carboxylic Acids. *ChemCatChem*, **2018**, 10, 3901-3906	5.2	9
113	Electrochemically Controllable Growth and Tunable Optical Properties of Zn1□CdxO Alloy Nanostructures. *Crystal Growth and Design*, **2009**, 9, 1538-1545	3.5	9

112	Transition Metal Complexes of Mixed Donor Acyclic Ligands bearing Heterocyclic Moieties as Terminal Groups. Part 2.1 Synthesis, Crystal Structure and Properties of the Luminescent Copper(I) Complex [Cu2I2(oesq)] (oesq = 8,8?-[Oxybis(ethylenesulfanyl)]diquinoline). *Journal of Chemical Research Synopses*, **1997**, 454		9
111	Chemistry of 2-mercaptophenol (H2mp) . Part iii. One dimensional arrays of binuclear anions of Mo (VI) linked by bis (2-hydroxyphenyl) disulfide via hydrogen bondings. *Polyhedron*, **1999**, 18, 647-655	2.7	9
110	Framework disorder and its effect on selective hysteretic sorption of a T-shaped azole-based metal-organic framework. *IUCrJ*, **2019**, 6, 85-95	4.7	9
109	Applications of Porphyrin Metal-Organic Frameworks in CO2 Capture and Conversion. *Acta Chimica Sinica*, **2019**, 77, 242	3.3	9
108	Metal□Organic Frameworks and Their Derivatives as Cathodes for Lithium-Ion Battery Applications: A Review. *Electrochemical Energy Reviews*,1	29.3	9
107	Chemoselective hydrogenation of □,□-unsaturated aldehydes over Rh nanoclusters confined in a metal□organic framework. *Journal of Materials Chemistry A*, **2020**, 8, 11442-11447	13	8
106	Enhanced Long Persistent Luminescence by Multifold Interpenetration in Metal-Organic Frameworks. *Chemistry - A European Journal*, **2020**, 26, 7458-7462	4.8	8
105	Redox-Guest-Induced Multimode Photoluminescence Switch for Sequential Logic Gates in a Photoactive Coordination Cage. *Chemistry - A European Journal*, **2019**, 25, 11903-11909	4.8	8
104	Self-Generation of Surface Roughness by Low-Surface-Energy Alkyl Chains for Highly Stable Superhydrophobic/Superoleophilic MOFs with Multiple Functionalities. *Angewandte Chemie*, **2019**, 131, 17189-17196	3.6	8
103	Fluorescent calix[4]arene chemosensor for acidic and basic amino acids in pure aqueous media. *RSC Advances*, **2014**, 4, 28046-28051	3.7	8
102	Density functional theory study of the mechanism of zinc carbenoid promoted cyclopropanation of allenamides. *RSC Advances*, **2013**, 3, 17131	3.7	8
101	N□H Insertion Reactions Catalyzed by a Dirhodium Metal-Organic Cage: A Facile and Recyclable Approach for C□N Bond Formation. *Chinese Journal of Chemistry*, **2017**, 35, 964-968	4.9	8
100	Synthesis, Characterization, and DNA Binding Studies of Ruthenium(II) Complexes with 2-Pyridyl-1H-anthra[1,2-d]imidazole-6,11-dione. *Australian Journal of Chemistry*, **2008**, 61, 732	1.2	8
99	[CuL(H2O)2]{[CuL][Fe(CN)6]}2□2H2O (L=3,10-Bis(2-hydroxyethyl)-1,3,5,8,10,12-hexaazacyclotetradecane): A Novel Three-Dimensional Coordination Polymer via H-Bonded Linkages of One-Dimensional Zigzag Chain. *Journal of Inorganic*		8
98	Dithiocarramate Complexes of Trivalent Lanthanides and X-Ray Crystal Structutris(N,N-Dhsopropyldithiocakhamato)(1,10-Phenanthroline)Neodymium(III). *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1999**, 29, 35-51		8
97	SYNTHESIS, SPECTROSCOPIC PROPERTIES AND STRUCTURE OF BIS(DIMETHYLSULFOXIDE)TRIS(N,N-DIMETHYLDITHIOCARBAMATO)LANTHANIDE(III). *Journal of Coordination Chemistry*, **1995**, 36, 41-48	1.6	8
96	Thermally Activated Fluorescence vs Long Persistent Luminescence in ESIPT-Attributed Coordination Polymer.. *Journal of the American Chemical Society*, **2022**,	16.4	8
95	A Three-Dimensional Silver(I) Framework Assembled from Nitrilotriacetate. *Australian Journal of Chemistry*, **2005**, 58, 115	1.2	8

94	Coordinative-to-covalent transformation, isomerization dynamics, and logic gate application of dithienylethene based photochromic cages. *Chemical Science*, **2020**, 11, 8885-8894	9.4	8
93	Visible-Light Photocatalysis of Asymmetric [2+2] Cycloaddition in Cage-Confined Nanospace Merging Chirality with Triplet-State Photosensitization. *Angewandte Chemie*, **2020**, 132, 8739-8747	3.6	8
92	Immobilization of metal-organic molecular cage on g-C3N4 semiconductor for enhancement of photocatalytic H2 generation. *Chinese Journal of Catalysis*, **2019**, 40, 1198-1204	11.3	7
91	Assembly of Ag(I) coordination polymers from a tripyridyl-ester ligand: effects of counter anion, ligand conformation and π-interaction on non-interpenetrating 2D -3D dimension increase. *CrystEngComm*, **2013**, 15, 9751	3.3	7
90	A two-dimensional flexible porous coordination polymer based on Co(II) and terpyridyl phosphine oxide. *Inorganic Chemistry Frontiers*, **2015**, 2, 388-394	6.8	7
89	Syntheses, structures and properties of three dumbbell-shape Cadmium (II) complexes constructed by a tripodal ligand via hydrogen-bonding assembly. *Inorganic Chemistry Communication*, **2013**, 31, 83-86	3.1	7
88	Copper(I) Cuboctahedral Coordination Cages: Host–Guest Dependent Redox Activity. *Angewandte Chemie*, **2009**, 121, 6272-6275	3.6	7
87	Synthesis and Single Crystal Structure of a New Dinuclear Copper(II) Complex of 1,5-Bis(8-oxaquinoline)-3-methylpentane. *Journal of Cluster Science*, **2005**, 16, 477-487	3	7
86	Enhancing Photocatalytic Hydrogen Production via the Construction of Robust Multivariate Ti-MOF/COF Composites. *Angewandte Chemie - International Edition*, **2021**,	16.4	7
85	Metal Effects on the Framework Stability and Adsorption Property of a Series of Isoreticular Metal–Organic Frameworks Based on an in-Situ Generated T-Shaped Ligand. *Crystal Growth and Design*, **2019**, 19, 300-304	3.5	7
84	Multi-Mode Color-Tunable Long Persistent Luminescence in Single-Component Coordination Polymers. *Angewandte Chemie*, **2021**, 133, 2556-2563	3.6	7
83	A porous metal–organic aerogel based on dirhodium paddle-wheels as an efficient and stable heterogeneous catalyst towards the reduction reaction of aldehydes and ketones. *New Journal of Chemistry*, **2018**, 42, 11358-11363	3.6	7
82	Multichromophoric di-anchoring sensitizers incorporating a ruthenium complex and an organic triphenyl amine dye for efficient dye-sensitized solar cells. *Inorganic Chemistry Frontiers*, **2015**, 2, 1040-1044	6.8	6
81	Adaptive Encapsulation of α-Amino Acids and Their Guanidinium-Amide Congeners. *Organic Letters* , **2016**, 18, 5556-5559	6.2	6
80	Hierarchical TiO2-B/anatase core/shell nanowire arrays for efficient dye-sensitized solar cells. *RSC Advances*, **2016**, 6, 1288-1295	3.7	6
79	Dynameric Frameworks with Aggregation-Induced Emission for Selective Detection of Adenosine Triphosphate. *ChemPlusChem*, **2018**, 83, 506-513	2.8	6
78	Electrochemical Synthesis of Tb–Co Alloy Nanoparticle Aggregates and Their Magnetic Properties. *Journal of Physical Chemistry C*, **2009**, 113, 1227-1234	3.8	6
77	Reaction of sulfur-containing structural units of transition metals. *Science in China Series B: Chemistry*, **1997**, 40, 634-642		6

76	1,4-Bis(benzimidazol-2-yl)butane. *Acta Crystallographica Section E: Structure Reports Online*, **2002**, 58, o916-o917		6
75	A novel Co-O cluster based coordination polymer for efficient hydrogen production photocatalysis. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 387, 112137	4.7	6
74	"Pyrene Box" Cages for the Confinement of Biogenic Amines. *Chemistry - A European Journal*, **2017**, 23, 4037-4041	4.8	5
73	Dynamic Coordination Chemistry of Fluorinated Zr-MOFs: Synthetic Control and Reassembly/Disassembly Beyond de Novo Synthesis to Tune the Structure and Property. *Chemistry - A European Journal*, **2020**, 26, 8254-8261	4.8	5
72	Two-Dimensional Layered Metal - Organic Frameworks of Lanthanum(III) Pyridine-2,6-dicarboxylate. *Australian Journal of Chemistry*, **2009**, 62, 1667	1.2	5
71	Anions, solvents and spacer ligands assisted hydrogen-bonding coordination frameworks from tripodal ntb ligands. *Journal of Molecular Structure*, **2010**, 980, 193-200	3.4	5
70	Tris(1H-benzimidazol-2-ylmethyl)amine-solvent adducts. *Acta Crystallographica Section C: Crystal Structure Communications*, **2005**, 61, o533-6		5
69	Th-Symmetric Nanoporous Network Built of Hexameric Metallamacrocycles with Disparate Cavities for Guest Inclusion. *Angewandte Chemie*, **2001**, 113, 1775-1778	3.6	5
68	Stereoisomeric Doubly Interpenetrating Three-Dimensional Networks of Tripodal Neodymium(III) Complexes from Spacer-Controlled Enantioselective Self-Assembly. *Supramolecular Chemistry*, **2001**, 12, 411-425	1.8	5
67	Bis(thiosemicarbazide-S,N)zinc(II) dinitrate. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56 (Pt 1), 44-5		5
66	Chemistry ofo-Mercaptophenolate: Syntheses, Structures, and Characterization of Titanium(IV) Complexes. *Bulletin of the Chemical Society of Japan*, **1998**, 71, 2339-2343	5.1	5
65	A series of highly stable porphyrinic metal□organic frameworks based on iron□oxo chain clusters: design, synthesis and biomimetic catalysis. *Journal of Materials Chemistry A*, **2020**, 8, 8376-8382	13	5
64	Iron(II), Cobalt(II), and Nickel(II) Complexes of Bis(sulfonamido)benzenes: Redox Properties, Large Zero-Field Splittings, and Single-Ion Magnets. *Inorganic Chemistry*, **2021**, 60, 2953-2963	5.1	5
63	Highly Efficient DCL, UCL, and TPEF in Hybridized Ln-Complexes from Ir-Metalloligand. *CCS Chemistry*, **2021**, 3, 729-738	7.2	5
62	Silver(I) Coordination Polymers111-144		5
61	Pressure-Induced Multiphoton Excited Fluorochromic Metal□Organic Frameworks for Improving MPEF Properties. *Angewandte Chemie*, **2019**, 131, 14517-14523	3.6	4
60	Surface modification of supramolecular nanotubes and selective guest capture. *New Journal of Chemistry*, **2014**, 38, 3755-3761	3.6	4
59	Mixed anion-induced Salen-based Zn2Ln3 (Ln=Nd, Yb or Er) complexes with near-infrared (NIR) luminescent properties. *Inorganic Chemistry Communication*, **2014**, 43, 151-154	3.1	4

58	Syntheses and Crystal Structures of Linear and Zig-zag 1D Coordination Polymers with Schiff-base N,N?-Type Ligands. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 2463-2469	1.3	4
57	1,4-Bis(1H-benzotriazol-1-ylmethyl)benzene tetrahydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2004**, 60, o2062-o2064		4
56	N,N?-Bis(2-pyridylmethyl)pyromellitic diimide. *Acta Crystallographica Section E: Structure Reports Online*, **2003**, 59, o1891-o1893		4
55	2,2'-(iminodimethylene)bis(1H-benzimidazolium)1+ chloride. *Acta Crystallographica Section C: Crystal Structure Communications*, **2005**, 61, o642-4		4
54	N,N?-Bis(4-pyridylmethylene)naphthalene-1,5-diamine. *Acta Crystallographica Section E: Structure Reports Online*, **2005**, 61, o2089-o2090		4
53	Hexakis(antipyrine-O)terbium(III) triperchlorate. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56, E82-3		4
52	One-/Two-Photon Excited Cell Membrane Imaging and Tracking by a Photoactive Nanocage. *ACS Applied Materials & Interfaces*, **2020**, 12, 35873-35881	9.5	4
51	Dimension Increase via Hierarchical Hydrogen Bonding from Simple Pincer-like Mononuclear complexes. *Chimia*, **2015**, 69, 670-4	1.3	3
50	A Mathematically-Tuning Model of Multicolor and White Light Upconversion in Lanthanide-Doped ZrO2 Macroporous Matrix. *ChemistrySelect*, **2016**, 1, 3136-3143	1.8	3
49	"Calix[4]-box" cages promote the formation of amide bonds in water in the absence of coupling reagents. *Chemical Communications*, **2018**, 54, 9738-9740	5.8	3
48	Preparation, crystal structure and luminescent properties of lanthanide picrate complexes with N-benzyl-2-{2?-[(benzyl-methyl-carbamoyl)-methoxy]-biphenyl-2-yloxy}-N-methyl-acetamide (L). *Inorganica Chimica Acta*, **2007**, 360, 3361-3368	2.7	3
47	Effect of Linker Length in semi-flexible 4,4?-Bispyridyl Ligands with Functional Spacer on the Architecture of their M(NO3)2 Complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 2453-2458	1.3	3
46	Assemblies Possessing Rich Hydrogen Bonds Derived fromtrans-Oxamidato-Bridged Dicopper(II) Complexes and Carboxyl Auxiliary Ligands. *Bulletin of the Chemical Society of Japan*, **2003**, 76, 2307-2313	5.1	3
45	Tris(2-sulfidopyridineN-oxide-κ2O,S)cobalt(III). *Acta Crystallographica Section E: Structure Reports Online*, **2002**, 58, m480-m481		3
44	Bis[4-(3-pyridylmethyleneamino)phenyl]methane. *Acta Crystallographica Section C: Crystal Structure Communications*, **2005**, 61, o73-4		3
43	Nanospace Engineering of Metal–Organic Frameworks through Dynamic Spacer Installation of Multifunctionalities for Efficient Separation of Ethane from Ethane/Ethylene Mixtures. *Angewandte Chemie*, **2021**, 133, 9766-9771	3.6	3
42	PtCu@Ir-PCN-222: Synergistic Catalysis of Bimetallic PtCu Nanowires in Hydrosilane-Concentrated Interspaces of an Iridium(III)–Porphyrin-Based Metal–Organic Framework. *ACS Catalysis*, **2022**, 12, 3604-3614	13.1	3
41	Stable fluorinated 3D isoreticular nanotubular triazole MOFs: synthesis, characterization and CO2 separation. *Journal of Porous Materials*, **2019**, 26, 1573-1579	2.4	2

40	NO3□induced Salen-based Zn2Yb2 complex with good NIR luminescent property. *Inorganic Chemistry Communication*, **2015**, 61, 181-183	3.1	2
39	Reverse photoluminescence responses of Ln(III) complexes to methanol vapor clarify the differentiated energy transfer pathway and potential for methanol detection and encryption. *Journal of Materials Chemistry C*, **2020**, 8, 16907-16914	7.1	2
38	A coordinatively unsaturated iridium complex with an unsymmetrical redox-active ligand: (spectro)electrochemical and reactivity studies. *Dalton Transactions*, **2019**, 48, 13931-13942	4.3	2
37	Synthesis of inherently chiral wide rim ABC substituted calix[6]arene derivatives. *Supramolecular Chemistry*, **2011**, 23, 419-424	1.8	2
36	2-Organoselenomethyl-1H-benzimidazole Complexes of Copper(II) and Copper(I)□ *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2009**, 635, 2177-2184	1.3	2
35	Crystal structure of [Co(o-SC6H4NH2){P(OMe)3}3]PF6. *Journal of Chemical Crystallography*, **1998**, 28, 635-638	0.5	2
34	Molecular structure and spectral characteristics of bis(S-methyl-N-(2-pyridyl)methylendithiocarbazato)nickel(II), (Ni(NNS)2). *Journal of Chemical Crystallography*, **1998**, 28, 871-874	0.5	2
33	5,6-Diphenyl-3-(pyrazin-2-yl)-1,2,4-triazine. *Acta Crystallographica Section E: Structure Reports Online* , **2002**, 58, o1321-o1322		2
32	1,4-Bis(2-mercaptobenzothiazolyl)butane. *Acta Crystallographica Section E: Structure Reports Online* , **2003**, 59, o453-o454		2
31	1,2-Bis(8-quinolylthiomethyl)benzene. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56, e348-e349		2
30	Integrity and Structural Characteristics of the M6E8 (E=S, Se, Te) Cluster Core: Syntheses and Structures of [Co6S8(PR3)6]n+ (R=Me2Ph, n=1; R=OMe, n=0). *Journal of Cluster Science*, **1999**, 10, 429-443	3	2
29	Construction of a ternary WO3/CsPbBr3/ZIF-67 heterostructure for enhanced photocatalytic carbon dioxide reduction. *Science China Materials*,1	7.1	2
28	Porphyrin Metal□Organic Frameworks in Heterogeneous Supramolecular Catalysis. *Series on Chemistry, Energy and the Environment*, **2020**, 225-265	0.2	2
27	Creating Dynamic Nanospaces in Solution by Cationic Cages as Multirole Catalytic Platform for Unconventional C(sp)-H Activation Beyond Enzyme Mimics. *Angewandte Chemie - International Edition*, **2021**,	16.4	2
26	Reversible Stereoisomerization of 1,3-Diphosphetane Frameworks Revealed by a Single-Electron Redox Approach. *Inorganic Chemistry*, **2021**, 60, 5771-5778	5.1	2
25	Unusual adsorption behaviours and responsive structural dynamics selective gate effects of an hourglass porous metal-organic framework.. *RSC Advances*, **2019**, 9, 37222-37231	3.7	2
24	A mesoporous metal-organic framework based on T-shape ligand with Ca2+ release behavior under simulated physiological conditions and praisable biocompatibility. *Inorganic Chemistry Communication*, **2018**, 94, 1-4	3.1	2
23	Charge State of Au(SG) Nanoclusters Induced by Interaction with a Metal Organic Framework Support and Its Effect on Catalytic Performance. *Journal of Physical Chemistry Letters*, **2021**, 12, 8003-8008	6.4	2

22	A photoactive IrPd bimetallic cage with high singlet oxygen yield for efficient one/two-photon activated photodynamic therapy. *Materials Chemistry Frontiers*, **2022**, 6, 948-955	7.8	2
21	Frontispiece: Investigation of Binding Behavior between Drug Molecule 5-Fluoracil and M4L4-Type Tetrahedral Cages: Selectivity, Capture, and Release. *Chemistry - A European Journal*, **2017**, 23,	4.8	1
20	Structural tuning of coordination polymers by 4-connecting metal node and secondary building process. *Chinese Chemical Letters*, **2019**, 30, 1297-1301	8.1	1
19	On the kinetic mechanism of the hydrogen abstraction reactions of the hydroxyl radical with CH3CF2Cl and CH3CFCl2: a dual level direct dynamics study. *Journal of Computational Chemistry*, **2010**, 31, 510-9	3.5	1
18	Synthesis and crystal structure of [Co(mpt)2{P(OCH3)3}2]BF4 (Hmpt = 2-mercaptothiazoline). *Chinese Journal of Chemistry*, **2010**, 17, 36-41	4.9	1
17	2,3-Epoxy-13c-methoxy-1,13c-dihydrodibenzo[a,kl]xanthan-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2005**, 61, o1308-o1309		1
16	Potassium bis(ethylenediamine)copper(II) ferricyanide. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56 (Pt 1), 40-1		1
15	CHAPTER 21:Application of Metal□Organic Frameworks in CO2 Capture and Conversion. *RSC Catalysis Series*, **2019**, 455-478	0.3	1
14	Porphyrinic Metal-Organic Frameworks Derived Carbon-Based Nanomaterials for Hydrogen Evolution Reaction. *ChemistrySelect*, **2020**, 5, 10988-10995	1.8	1
13	Innenr□ktitelbild: The Redox Coupling Effect in a Photocatalytic RuII-PdII Cage with TTF Guest as Electron Relay Mediator for Visible-Light Hydrogen-Evolving Promotion (Angew. Chem. 7/2020). *Angewandte Chemie*, **2020**, 132, 2935-2935	3.6	
12	Phosphanyl Cyanophosphide Salts: Versatile PCN Building Blocks. *Angewandte Chemie*, **2019**, 131, 11551	3.6	
11	R□ktitelbild: Phosphanyl Cyanophosphide Salts: Versatile PCN Building Blocks (Angew. Chem. 33/2019). *Angewandte Chemie*, **2019**, 131, 11666	3.6	
10	Innentitelbild: White-Light Emission from Dual-Way Photon Energy Conversion in a Dye-Encapsulated Metal□Organic Framework (Angew. Chem. 29/2019). *Angewandte Chemie*, **2019**, 131, 9752-9752	3.6	
9	1,4-Bis(benzimidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene methanol disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2005**, 61, o137-o138		
8	1-Oxo-13c-propoxy-1,13c-dihydrodibenzo[a,kl]xanthene. *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o1014-o1015		
7	Tris(2-cyanoethyl)amine. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56, E262		
6	Synthesis and crystal structure of a phosphite nickel(II) 8-mercaptoquinoline complex. *Transition Metal Chemistry*, **1999**, 24, 274-276	2.1	
5	Frontispiz: Creating Dynamic Nanospaces in Solution by Cationic Cages as Multirole Catalytic Platform for Unconventional C(sp)□H Activation Beyond Enzyme Mimics. *Angewandte Chemie*, **2022**, 134, e202280562	3.6	

4	General Strategies in Modulating Reactivity within Well-Defined Supramolecular Nanospaces. *Series on Chemistry, Energy and the Environment*, **2020**, 1-27	0.2
3	Supramolecular Coordination Cages as Nano Reactors. *Series on Chemistry, Energy and the Environment*, **2020**, 267-349	0.2
2	Creating Dynamic Nanospaces in Solution by Cationic Cages as Multirole Catalytic Platform for Unconventional C(sp)–H Activation Beyond Enzyme Mimics. *Angewandte Chemie*, **2022**, 134, e202114070	3.6
1	ESIPT-Modulated Emission of Lanthanide Complexes: Different Energy-Transfer Pathways and Multiple Responses. *Chemistry - A European Journal*, **2018**, 24, 9997-9997	4.8