

Cheng-Yong Su

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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. <i>Chemical Society Reviews</i> , 2014 , 43, 6011-61	58.5	2182
578	Construction of covalent organic framework for catalysis: Pd/COF-LZU1 in Suzuki-Miyaura coupling reaction. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19816-22	16.4	1492
577	Two stable 3D metal-organic frameworks constructed by nanoscale cages via sharing the single-layer walls. <i>Journal of the American Chemical Society</i> , 2006 , 128, 34-5	16.4	790
576	Thioether-Based Fluorescent Covalent Organic Framework for Selective Detection and Facile Removal of Mercury(II). <i>Journal of the American Chemical Society</i> , 2016 , 138, 3031-7	16.4	788
575	A CsPbBr Perovskite Quantum Dot/Graphene Oxide Composite for Photocatalytic CO Reduction. <i>Journal of the American Chemical Society</i> , 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. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8595-613	16.4	423
573	Reduced Graphene Oxide-Hierarchical ZnO Hollow Sphere Composites with Enhanced Photocurrent and Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 8111-8117	3.8	378
572	Exceptionally stable, hollow tubular metal-organic architectures: synthesis, characterization, and solid-state transformation study. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3576-86	16.4	376
571	Novel porous molybdenum tungsten phosphide hybrid nanosheets on carbon cloth for efficient hydrogen evolution. <i>Energy and Environmental Science</i> , 2016 , 9, 1468-1475	35.4	356
570	Porous Pt-Ni-P composite nanotube arrays: highly electroactive and durable catalysts for methanol electrooxidation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5730-3	16.4	345
569	Oriented hierarchical single crystalline anatase TiO ₂ nanowire arrays on Ti-foil substrate for efficient flexible dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2012 , 5, 5750-5757	35.4	335
568	Single-Phase White-Light-Emitting and Photoluminescent Color-Tuning Coordination Assemblies. <i>Chemical Reviews</i> , 2018 , 118, 8889-8935	68.1	324
567	Synthesis and Photocatalytic Application of Stable Lead-Free Cs AgBiBr Perovskite Nanocrystals. <i>Small</i> , 2018 , 14, e1703762	11	288
566	Recent Advances in Supramolecular Design and Assembly of Silver(I) Coordination Polymers. <i>Australian Journal of Chemistry</i> , 2006 , 59, 3	1.2	287
565	Ultrafast water sensing and thermal imaging by a metal-organic framework with switchable luminescence. <i>Nature Communications</i> , 2017 , 8, 15985	17.4	281
564	Tri-functional hierarchical TiO ₂ spheres consisting of anatase nanorods and nanoparticles for high efficiency dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2011 , 4, 4079	35.4	277
563	Core@Shell CsPbBr ₃ @Zeolitic Imidazolate Framework Nanocomposite for Efficient Photocatalytic CO ₂ Reduction. <i>ACS Energy Letters</i> , 2018 , 3, 2656-2662	20.1	277

562	Hydrothermal fabrication of hierarchically anatase TiO ₂ nanowire arrays on FTO glass for dye-sensitized solar cells. <i>Scientific Reports</i> , 2013 , 3, 1352	4.9	272
561	Metal-organic gels: From discrete metallogelators to coordination polymers. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 1373-1408	23.2	258
560	A synthetic route to ultralight hierarchically micro/mesoporous Al(III)-carboxylate metal-organic aerogels. <i>Nature Communications</i> , 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. <i>Energy and Environmental Science</i> , 2011 , 4, 1288	35.4	251
558	Dynamic study of highly efficient CdS/CdSe quantum dot-sensitized solar cells fabricated by electrodeposition. <i>ACS Nano</i> , 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. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4456-9	16.4	227
556	Dual-Emission from a Single-Phase EuAg Metal-Organic Framework: An Alternative Way to Get White-Light Phosphor. <i>Chemistry of Materials</i> , 2012 , 24, 1954-1960	9.6	226
555	Missing-linker metal-organic frameworks for oxygen evolution reaction. <i>Nature Communications</i> , 2019 , 10, 5048	17.4	220
554	Self-assembly of trigonal-prismatic metallocages encapsulating BF ₄ ⁻ or CuI ₃ ²⁻ as anionic guests: structures and mechanism of formation. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3371-5	16.4	214
553	Multistack integration of three-dimensional hyperbranched anatase titania architectures for high-efficiency dye-sensitized solar cells. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6437-45	16.4	210
552	Tröger's base-functionalised organic nanoporous polymer for heterogeneous catalysis. <i>Chemical Communications</i> , 2010 , 46, 970-2	5.8	207
551	A Highly Red-Emissive Lead-Free Indium-Based Perovskite Single Crystal for Sensitive Water Detection. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5277-5281	16.4	201
550	[Co ₂ (ppca) ₂ (H ₂ O)(V ₄ O ₁₂) _{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. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6673-7	16.4	189
549	Ordered Crystalline TiO ₂ Nanotube Arrays on Transparent FTO Glass for Efficient Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 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. <i>Crystal Growth and Design</i> , 2008 , 8, 4083-4091	3.5	184
547	In Situ Growth of 120 cm CH ₃ NH ₃ PbBr Perovskite Crystal Film on FTO Glass for Narrowband-Photodetectors. <i>Advanced Materials</i> , 2017 , 29, 1602639	24	182
546	New materials in solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 47, 68-83	14.6	178
545	Modulating Electronic Structure of Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. <i>Advanced Energy Materials</i> , 2018 , 8, 1801564	21.8	178

544	Synthesis of hierarchical rippled Bi(2)O(3) nanobelts for supercapacitor applications. <i>Chemical Communications</i> , 2010 , 46, 5021-3	5.8	176
543	Progress in the study of metal-organic materials applying naphthalene diimide (NDI) ligands. <i>Coordination Chemistry Reviews</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14582-14586	16.4	168
541	Recent Developments in Crystal Engineering. <i>Crystal Growth and Design</i> , 2011 , 11, 875-886	3.5	165
540	Improving the Extraction of Photogenerated Electrons with SnO ₂ Nanocolloids for Efficient Planar Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2015 , 25, 7200-7207	15.6	163
539	Application of nanomaterials in sample preparation. <i>Journal of Chromatography A</i> , 2013 , 1300, 2-16	4.5	160
538	Dimension engineering on cesium lead iodide for efficient and stable perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 2066-2072	13	157
537	Homochiral D ₄ -symmetric metal-organic cages from stereogenic Ru(II) metalloligands for effective enantioseparation of atropisomeric molecules. <i>Nature Communications</i> , 2016 , 7, 10487	17.4	155
536	Ultra-long anatase TiO ₂ nanowire arrays with multi-layered configuration on FTO glass for high-efficiency dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2014 , 7, 644-649	35.4	155
535	A novel highly luminescent LnMOF film: a convenient sensor for Hg ²⁺ detecting. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11312	13	155
534	Fabrication of Novel Hierarchical [Ni(OH) ₂] and NiO Microspheres via an Easy Hydrothermal Process. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 5508-5513	3.8	155
533	Bright blue-emitting Ce ³⁺ complexes with encapsulating polybenzimidazole tripodal ligands as potential electroluminescent devices. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7399-403	16.4	152
532	Effect of TiO ₂ morphology on photovoltaic performance of dye-sensitized solar cells: nanoparticles, nanofibers, hierarchical spheres and ellipsoid spheres. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7910		148
531	Bimetallic Zeolitic Imidazolate Framework Derived Carbon Nanotubes Embedded with Co Nanoparticles for Efficient Bifunctional Oxygen Electrocatalyst. <i>Advanced Energy Materials</i> , 2018 , 8, 1702048	21.8	143
530	Achieving high-performance planar perovskite solar cell with Nb-doped TiO ₂ compact layer by enhanced electron injection and efficient charge extraction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5647-5653	13	139
529	Maximizing omnidirectional light harvesting in metal oxide hyperbranched array architectures. <i>Nature Communications</i> , 2014 , 5, 3968	17.4	138
528	Chiral metal-organic cages/containers (MOCs): From structural and stereochemical design to applications. <i>Coordination Chemistry Reviews</i> , 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. <i>Chemical Science</i> , 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. <i>Chemical Communications</i> , 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. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6034-6037	16.4	130
524	Linear Dependence of Photoluminescence in Mixed Ln-MOFs for Color Tunability and Barcode Application. <i>Inorganic Chemistry</i> , 2015 , 54, 5707-16	5.1	129
523	Preparation and characterization of metal-organic framework MIL-101(Cr)-coated solid-phase microextraction fiber. <i>Analytica Chimica Acta</i> , 2015 , 853, 303-310	6.6	128
522	Hierarchically micro/nanostructured photoanode materials for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15475		127
521	Organic dye bearing asymmetric double donor-acceptor chains for dye-sensitized solar cells. <i>Journal of Organic Chemistry</i> , 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. <i>Chemical Communications</i> , 2011 , 47, 4234-6	5.8	127
519	Self-supported NiMoP ₂ nanowires on carbon cloth as an efficient and durable electrocatalyst for overall water splitting. <i>Journal of Materials Chemistry A</i> , 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. <i>Inorganic Chemistry</i> , 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. <i>Chemistry of Materials</i> , 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. <i>Inorganic Chemistry</i> , 2003 , 42, 3738-50	5.1	115
515	A multistimuli-responsive photochromic metal-organic gel. <i>Advanced Materials</i> , 2014 , 26, 2072-7	24	113
514	Formation of mono-, bi-, tri-, and tetranuclear Ag(I) complexes of C ₃ -symmetric tripodal benzimidazole ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 4843-9	5.1	108
513	Coordination Assemblies of Metallacyclic, Prismatic and Tubular Molecular Architectures Based on the Non-rigid Ligands. <i>European Journal of Inorganic Chemistry</i> , 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. <i>Chemical Communications</i> , 2003 , 1630-1631	5.8	107
511	Hierarchical oriented anatase TiO ₂ nanostructure arrays on flexible substrate for efficient dye-sensitized solar cells. <i>Scientific Reports</i> , 2013 , 3, 1892	4.9	105
510	Sonochemical preparation of hierarchical ZnO hollow spheres for efficient dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , 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. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3067-3075	2.3	104

508	Modulating electronic structure of metal-organic frameworks by introducing atomically dispersed Ru for efficient hydrogen evolution. <i>Nature Communications</i> , 2021 , 12, 1369	17.4	104
507	White-Light Emission from Dual-Way Photon Energy Conversion in a Dye-Encapsulated Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9752-9757	16.4	103
506	A metal-organic cage incorporating multiple light harvesting and catalytic centres for photochemical hydrogen production. <i>Nature Communications</i> , 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. <i>Chemistry - A European Journal</i> , 2016 , 22, 2440-51	4.8	103
504	A micron-scale laminar MAPbBr single crystal for an efficient and stable perovskite solar cell. <i>Chemical Communications</i> , 2017 , 53, 5163-5166	5.8	102
503	All-Inorganic Lead-Free Cs ₂ PdX ₆ (X = Br, I) Perovskite Nanocrystals with Single Unit Cell Thickness and High Stability. <i>ACS Energy Letters</i> , 2018 , 3, 2613-2619	20.1	102
502	Nanotubular metal-organic frameworks with high porosity based on T-shaped pyridyl dicarboxylate ligands. <i>Inorganic Chemistry</i> , 2011 , 50, 1743-8	5.1	100
501	Regio- and Enantioselective Photodimerization within the Confined Space of a Homochiral Ruthenium/Palladium Heterometallic Coordination Cage. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3852-3856	16.4	99
500	Tailoring exciton and excimer emission in an exfoliated ultrathin 2D metal-organic framework. <i>Nature Communications</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9932-6	16.4	97
498	Amide and N-oxide functionalization of T-shaped ligands for isorecticular MOFs with giant enhancements in CO ₂ separation. <i>Chemical Communications</i> , 2014 , 50, 14631-4	5.8	97
497	The roles of defect states in photoelectric and photocatalytic processes for ZnxCd1-xS. <i>Energy and Environmental Science</i> , 2011 , 4, 466-470	35.4	96
496	Dye-sensitized solar cells based on a double layered TiO ₂ photoanode consisting of hierarchical nanowire arrays and nanoparticles with greatly improved photovoltaic performance. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18057		94
495	A porous rhodium(III)-porphyrin metal-organic framework as an efficient and selective photocatalyst for CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2018 , 231, 173-181	21.8	93
494	Two Zn(II) metal-organic frameworks with coordinatively unsaturated metal sites: structures, adsorption, and catalysis. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2796-804	4.5	93
493	Calix[4]arene based dye-sensitized Pt@UiO-66-NH ₂ metal-organic framework for efficient visible-light photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 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. <i>Crystal Growth and Design</i> , 2009 , 9, 2341-2353	3.5	89
491	Columnar supramolecular architecture self-assembled from S ₄ -symmetric coordination nanotubes encapsulating neutral guest molecules. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4085-9	16.4	88

490	A double layered TiO ₂ photoanode consisting of hierarchical flowers and nanoparticles for high-efficiency dye-sensitized solar cells. <i>Nanoscale</i> , 2013 , 5, 4362-9	7.7	86
489	Facile and Efficient Electrochemical Synthesis of PbTe Dendritic Structures. <i>Chemistry of Materials</i> , 2008 , 20, 3306-3314	9.6	86
488	CdS/CdSe co-sensitized TiO ₂ nanowire-coated hollow Spheres exceeding 6% photovoltaic performance. <i>Nano Energy</i> , 2015 , 11, 621-630	17.1	85
487	Formation of Various Morphologies of Covellite Copper Sulfide Submicron Crystals by a Hydrothermal Method without Surfactant. <i>Crystal Growth and Design</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4816-21	16.4	84
485	Hierarchical tin oxide octahedra for highly efficient dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , 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. <i>Small</i> , 2016 , 12, 2365-75	11	84
483	High performance and reduced charge recombination of CdSe/CdS quantum dot-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12058		83
482	Formation of two (6,3) networks showing structural diversity, Borromean topology and conformational chirality in the same crystal. <i>Chemical Communications</i> , 2007 , 4242-4	5.8	83
481	A stable metal cluster-metalloporphyrin MOF with high capacity for cationic dye removal. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17698-17705	13	82
480	Electrospun hierarchical TiO ₂ nanorods with high porosity for efficient dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9205-11	9.5	82
479	Toward High Performance Photoelectrochemical Water Oxidation: Combined Effects of Ultrafine Cobalt Iron Oxide Nanoparticle. <i>Advanced Functional Materials</i> , 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. <i>Advanced Materials</i> , 2018 , 30, 1704576	24	80
477	Water Splitting: Achieving Highly Efficient Photoelectrochemical Water Oxidation with a TiCl ₄ Treated 3D Antimony-Doped SnO ₂ Macropore/Branched Fe ₂ O ₃ Nanorod Heterojunction Photoanode (Adv. Sci. 7/2015). <i>Advanced Science</i> , 2015 , 2,	13.6	78
476	Electrochemical synthesis of nanostructured materials for electrochemical energy conversion and storage. <i>Nanoscale</i> , 2013 , 5, 4056-69	7.7	78
475	Preparation of graphene-coated solid-phase microextraction fiber and its application on organochlorine pesticides determination. <i>Journal of Chromatography A</i> , 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. <i>Crystal Growth and Design</i> , 2011 , 11, 2763-2772	3.5	78
473	Metal-organic gels as functionalisable supports for catalysis. <i>New Journal of Chemistry</i> , 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. <i>Inorganic Chemistry</i> , 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. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 1913-1918	13	69
452	Progress of nanostructured metal oxides derived from metal-organic frameworks as anode materials for lithium-ion batteries. <i>Coordination Chemistry Reviews</i> , 2020 , 420, 213434	23.2	69
451	Thermally stable porous hydrogen-bonded coordination networks displaying dual properties of robustness and dynamics upon guest uptake. <i>Chemistry - A European Journal</i> , 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. <i>Inorganic Chemistry</i> , 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. <i>Inorganic Chemistry</i> , 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. <i>Chemistry - A European Journal</i> , 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 H ₂ evolution and CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11337-11345	13.5	68
446	High-performance dye-sensitized solar cells based on hierarchical yolk-shell anatase TiO ₂ beads. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1627-1633		66
445	MOF-derived Mn doped porous CoP nanosheets as efficient and stable bifunctional electrocatalysts for water splitting. <i>Dalton Transactions</i> , 2018 , 47, 14679-14685	4.3	66
444	(L) C P : Dicarbondiphosphide Stabilized by N-Heterocyclic Carbenes or Cyclic Diamido Carbenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5744-5749	16.4	65
443	Catalysis through Dynamic Spacer Installation of Multivariate Functionalities in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 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. <i>Chemical Communications</i> , 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. <i>Chemical Science</i> , 2017 , 8, 775-780	9.4	64
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