Da-Qiang Yuan

List of Publications by Year in Descending Order

409 papers	26,893 citations	85 h-index	149 g-index
427 ext. papers	30,201 ext. citations	7.7 avg, IF	7.32 L-index

#	Paper	IF	Citations
409	Chiral proline-substituted porous organic cages in asymmetric organocatalysis.. *Chemical Science*, **2022**, 13, 3582-3588	9.4	2
408	Two Zirconium Metal□Organic Cages with S4 and D2d Symmetry: Construction and Detection of Antibiotics. *Crystal Growth and Design*, **2022**, 22, 2768-2773	3.5	2
407	Transformation of Covalent Organic Frameworks from N-Acylhydrazone to Oxadiazole Linkages for Smooth Electron Transfer in Photocatalysis.. *Angewandte Chemie - International Edition*, **2021**,	16.4	7
406	A Straightforward Strategy for Constructing Zirconium Metallocavitands. *Crystal Growth and Design* , **2021**, 21, 692-697	3.5	4
405	Cage-Like Porous Materials with Simultaneous High C H Storage and Excellent C H /CO Separation Performance. *Angewandte Chemie - International Edition*, **2021**, 60, 10828-10832	16.4	22
404	Cage-Like Porous Materials with Simultaneous High C2H2 Storage and Excellent C2H2/CO2 Separation Performance. *Angewandte Chemie*, **2021**, 133, 10923-10927	3.6	5
403	Enhanced Cuprophilic Interactions in Crystalline Catalysts Facilitate the Highly Selective Electroreduction of CO to CH. *Journal of the American Chemical Society*, **2021**, 143, 3808-3816	16.4	53
402	Experimental strategies on enhancing toxic gases uptake of metal□organic frameworks. *Coordination Chemistry Reviews*, **2021**, 430, 213738	23.2	19
401	Relationship Between Structure and Separation Property **2021**, 881-922		
400	Relationship Between Structure and Separation Property **2021**, 922-952		
399	Ultrahigh-Uptake Capacity-Enabled Gas Separation and Fruit Preservation by a New Single-Walled Nickel-Organic Framework. *Advanced Science*, **2021**, 8, 2003141	13.6	11
398	Stabilizing the Extrinsic Porosity in Metal□Organic Cages-Based Supramolecular Framework by In Situ Catalytic Polymerization. *CCS Chemistry*, **2021**, 3, 1382-1390	7.2	7
397	Solvatomorphism Influence of Porous Organic Cage on CH/CO Separation. *ACS Applied Materials & Interfaces*, **2021**, 13, 24042-24050	9.5	9
396	Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From to Unprecedented. *Journal of the American Chemical Society*, **2021**, 143, 7279-7284	16.4	23
395	Efficient ethylene purification by a robust ethane-trapping porous organic cage. *Nature Communications*, **2021**, 12, 3703	17.4	19
394	Coordination-based molecular nanomaterials for biomedically relevant applications. *Coordination Chemistry Reviews*, **2021**, 438, 213752	23.2	3
393	Induction of Chirality in a Metal□Organic Framework Built from Achiral Precursors. *Angewandte Chemie*, **2021**, 133, 3124-3131	3.6	5

392	Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors. *Angewandte Chemie - International Edition*, **2021**, 60, 3087-3094	16.4	16
391	A high-efficiency dye-sensitized Pt(II) decorated metal-organic cage for visible-light-driven hydrogen production. *Applied Catalysis B: Environmental*, **2021**, 285, 119782	21.8	12
390	Ratiometric fluorescence detection of tetracycline antibiotic based on a polynuclear lanthanide metal–organic framework. *Sensors and Actuators B: Chemical*, **2021**, 330, 129314	8.5	31
389	Highly effective H2/D2 separation in a stable Cu-based metal-organic framework. *Nano Research*, **2021**, 14, 518-525	10	16
388	A window-space-directed assembly strategy for the construction of supertetrahedron-based zeolitic mesoporous metal-organic frameworks with ultramicroporous apertures for selective gas adsorption. *Chemical Science*, **2021**, 12, 5767-5773	9.4	3
387	Acid-triggered interlayer sliding of two-dimensional copper(i)-organic frameworks: more metal sites for catalysis. *Chemical Science*, **2021**, 12, 6280-6286	9.4	9
386	Water-stable hydrazone-linked porous organic cages. *Chemical Science*, **2021**, 12, 13307-13315	9.4	2
385	Heterogeneous postassembly modification of zirconium metal-organic cages in supramolecular frameworks. *Chemical Communications*, **2021**, 57, 6276-6279	5.8	4
384	Tuning the Structure of Fe-Tetracarboxylate Frameworks Through Linker-Symmetry Reduction. *CCS Chemistry*, **2021**, 3, 1701-1709	7.2	3
383	The competitive and synergistic effect between adsorption enthalpy and capacity in D2/H2 separation of M2(m-dobdc) frameworks. *Chinese Chemical Letters*, **2021**, 32, 3562-3562	8.1	3
382	An Unprecedented Pillar-Cage Fluorinated Hybrid Porous Framework with Highly Efficient Acetylene Storage and Separation. *Angewandte Chemie*, **2021**, 133, 7625-7630	3.6	7
381	An Unprecedented Pillar-Cage Fluorinated Hybrid Porous Framework with Highly Efficient Acetylene Storage and Separation. *Angewandte Chemie - International Edition*, **2021**, 60, 7547-7552	16.4	28
380	Pyrogallol[4]arene Coordination Nanocapsule Micelle as Bioinspired Water Reduction Catalyst **2021**, 3, 1315-1320		1
379	Enhancing toxic gas uptake performance of Zr-based MOF through uncoordinated carboxylate and copper insertion; ammonia adsorption. *Journal of Hazardous Materials*, **2021**, 416, 125933	12.8	7
378	Improving ammonia uptake performance of zirconium-based metal-organic frameworks through open metal site insertion strategy. *Chemical Engineering Journal*, **2021**, 421, 129655	14.7	8
377	Atmosphere-Pressure Methane Oxidation to Methyl Trifluoroacetate Enabled by a Porous Organic Polymer-Supported Single-Site Palladium Catalyst. *ACS Catalysis*, **2021**, 11, 1008-1013	13.1	12
376	Introduction of Flexibility into a Metal-Organic Framework to Promote Hg(II) Capture through Adaptive Deformation. *Inorganic Chemistry*, **2020**, 59, 18264-18275	5.1	11
375	Electric-Field Assisted In Situ Hydrolysis of Bulk Metal–Organic Frameworks (MOFs) into Ultrathin Metal Oxyhydroxide Nanosheets for Efficient Oxygen Evolution. *Angewandte Chemie*, **2020**, 132, 13201-13208	3.6	3

374	Use of breakthrough experiment to evaluate the performance of hydrogen isotope separation for metal-organic frameworks M-MOF-74 (M=Co, Ni, Mg, Zn). *Science China Chemistry*, **2020**, 63, 881-889	7.9	12
373	Waste to MOFs: sustainable linker, metal, and solvent sources for value-added MOF synthesis and applications. *Green Chemistry*, **2020**, 22, 4082-4104	10	43
372	Anionic dye uptake via composite using chitosan-polyacrylamide hydrogel as matrix containing TiO nanoparticles; comprehensive adsorption studies. *International Journal of Biological Macromolecules*, **2020**, 162, 150-162	7.9	29
371	Optimizing Multivariate Metal-Organic Frameworks for Efficient CH/CO Separation. *Journal of the American Chemical Society*, **2020**, 142, 8728-8737	16.4	129
370	A recyclable fluorescent covalent organic framework for exclusive detection and removal of mercury(II). *Chemical Engineering Journal*, **2020**, 401, 126139	14.7	36
369	Covalent Organic Framework Hosting Metalloporphyrin-Based Carbon Dots for Visible-Light-Driven Selective CO2 Reduction. *Advanced Functional Materials*, **2020**, 30, 2002654	15.6	46
368	The Combination of Charge and Energy Transfer Processes in MOFs for Efficient Photocatalytic Oxidative Coupling of Amines. *Inorganic Chemistry*, **2020**, 59, 3297-3303	5.1	22
367	A Corrole-Based Covalent Organic Framework Featuring Desymmetrized Topology. *Angewandte Chemie*, **2020**, 132, 4384-4389	3.6	1
366	Hydrogen-Bonded Framework Isomers Based on Zr-Metal Organic Cage: Connectivity, Stability, and Porosity. *Crystal Growth and Design*, **2020**, 20, 4127-4134	3.5	16
365	Electric-Field Assisted In Situ Hydrolysis of Bulk Metal-Organic Frameworks (MOFs) into Ultrathin Metal Oxyhydroxide Nanosheets for Efficient Oxygen Evolution. *Angewandte Chemie - International Edition*, **2020**, 59, 13101-13108	16.4	47
364	A tubular luminescent framework: precise decoding of nitroaniline isomers and quantitative detection of traces of benzaldehyde in benzyl alcohol. *Journal of Materials Chemistry C*, **2020**, 8, 9828-9835	7.1	5
363	Metal-organic frameworks and exemplified cytotoxicity evaluation **2020**, 347-381		0
362	Unprecedented porosity transformation of hierarchically porous TiO2 derived from Ti-Oxo clusters. *Microporous and Mesoporous Materials*, **2020**, 300, 110153	5.3	4
361	Metal-Organic Cages (MOCs): From Discrete to Cage-based Extended Architectures. *Chemistry Letters*, **2020**, 49, 28-53	1.7	38
360	A Corrole-Based Covalent Organic Framework Featuring Desymmetrized Topology. *Angewandte Chemie - International Edition*, **2020**, 59, 4354-4359	16.4	42
359	The synthesis and applications of chiral pyrrolidine functionalized metal-organic frameworks and covalent-organic frameworks. *Inorganic Chemistry Frontiers*, **2020**, 7, 1319-1333	6.8	6
358	Robust Cationic Calix[4]arene Polymer as an Efficient Catalyst for Cycloaddition of Epoxides with CO2. *Industrial & Engineering Chemistry Research*, **2020**, 59, 7247-7254	3.9	16
357	Control of random self-assembly of pyrogallol[4]arene-based nanocapsule or framework. *Chinese Chemical Letters*, **2020**, 31, 2023-2026	8.1	5

356	Aggregation-Induced Emission-Responsive Metal□Organic Frameworks. *Chemistry of Materials*, **2020**, 32, 6706-6720	9.6	38
355	Three-Dimensional Large-Pore Covalent Organic Framework with Topology. *Journal of the American Chemical Society*, **2020**, 142, 13334-13338	16.4	67
354	Dynamic metal-organic frameworks for the separation of hydrogen isotopes. *Dalton Transactions*, **2020**, 49, 16617-16622	4.3	7
353	Highly efficient synthesis of non-planar macrocycles possessing intriguing self-assembling behaviors and ethene/ethyne capture properties. *Nature Communications*, **2020**, 11, 5806	17.4	6
352	Precisely Embedding Active Sites into a Mesoporous Zr-Framework through Linker Installation for High-Efficiency Photocatalysis. *Journal of the American Chemical Society*, **2020**, 142, 15020-15026	16.4	28
351	Metal-organic tube or layered assembly: reversible sheet-to-tube transformation and adaptive recognition. *Chemical Science*, **2020**, 11, 9818-9826	9.4	3
350	Metalloporphyrin-based covalent organic frameworks composed of the electron donor-acceptor dyads for visible-light-driven selective CO2 reduction. *Science China Chemistry*, **2020**, 63, 1289-1294	7.9	32
349	Facile syntheses of ionic polymers for efficient catalytic conversion of CO2 to cyclic carbonates. *Journal of CO2 Utilization*, **2020**, 42, 101301	7.6	8
348	Acid-Base-Resistant Metal-Organic Framework for Size-Selective Carbon Dioxide Capture. *Inorganic Chemistry*, **2020**, 59, 13542-13550	5.1	8
347	Reticular Chemistry in the Construction of Porous Organic Cages. *Journal of the American Chemical Society*, **2020**, 142, 18060-18072	16.4	31
346	Tuning the Ionicity of Stable Metal-Organic Frameworks through Ionic Linker Installation. *Journal of the American Chemical Society*, **2019**, 141, 3129-3136	16.4	42
345	A Record-Breaking Loading Capacity for Single-Molecule Magnet Mn12 Clusters Achieved in a Mesoporous Ln-MOF. *ACS Applied Electronic Materials*, **2019**, 1, 804-809	4	8
344	Spiro[pyrrol-benzopyran]-based probe with high asymmetry for chiroptical sensing via circular dichroism. *Chemical Communications*, **2019**, 55, 7438-7441	5.8	6
343	Ratiometric fluorescence detection of trace water in an organic solvent based on bimetallic lanthanide metal-organic frameworks. *Chemical Communications*, **2019**, 55, 6926-6929	5.8	39
342	A Reusable MOF-Supported Single-Site Zinc(II) Catalyst for Efficient Intramolecular Hydroamination of o-Alkynylanilines. *Angewandte Chemie - International Edition*, **2019**, 58, 7687-7691	16.4	52
341	A Reusable MOF-Supported Single-Site Zinc(II) Catalyst for Efficient Intramolecular Hydroamination of o-Alkynylanilines. *Angewandte Chemie*, **2019**, 131, 7769-7773	3.6	8
340	A One-Dimensional □d Conjugated Coordination Polymer for Sodium Storage with Catalytic Activity in Negishi Coupling. *Angewandte Chemie - International Edition*, **2019**, 58, 14731-14739	16.4	81
339	Efficient synthesis and facile functionalization of highly fluorescent spiro[pyrrol-pyran]. *Dyes and Pigments*, **2019**, 171, 107777	4.6	0

338	Incorporation of iron hydrogenase active sites into a stable photosensitizing metal-organic framework for enhanced hydrogen production. *Applied Catalysis B: Environmental*, **2019**, 258, 117979	21.8	16
337	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO Photoreduction with H O. *Angewandte Chemie - International Edition*, **2019**, 58, 12392-12397	16.4	160
336	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO2 Photoreduction with H2O. *Angewandte Chemie*, **2019**, 131, 12522-12527	3.6	41
335	Solvent-Assisted, Thermally Triggered Structural Transformation in Flexible Mesoporous Metal□Organic Frameworks. *Chemistry of Materials*, **2019**, 31, 8787-8793	9.6	23
334	Pore Size Reduction in Zirconium Metal□Organic Frameworks for Ethylene/Ethane Separation. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 7118-7126	8.3	24
333	Chiral induction in a pcu-derived network from achiral precursors. *Chemical Communications*, **2019**, 55, 4611-4614	5.8	12
332	Copper-catalyzed 1,4-alkylarylation of 1,3-enynes with masked alkyl electrophiles. *Chemical Science*, **2019**, 10, 3632-3636	9.4	46
331	Regulating C2H2 and CO2 Storage and Separation through Pore Environment Modification in a Microporous Ni-MOF. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 2134-2140	8.3	69
330	Restriction of Molecular Rotors in Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets for Sensing Signal Amplification. *Chemistry of Materials*, **2019**, 31, 146-160	9.6	75
329	A new metal-organic framework constructed from cationic nodes and cationic linkers for highly efficient anion exchange. *Chemical Communications*, **2018**, 54, 2998-3001	5.8	28
328	Confinement of Aggregation-Induced Emission Molecular Rotors in Ultrathin Two-Dimensional Porous Organic Nanosheets for Enhanced Molecular Recognition. *Journal of the American Chemical Society*, **2018**, 140, 4035-4046	16.4	88
327	Boosting photocatalytic cross-dehydrogenative coupling reaction by incorporating [RuII(bpy)3] into a radical metal-organic framework. *Applied Catalysis B: Environmental*, **2018**, 227, 425-432	21.8	19
326	Incorporation of InS Nanoparticles into a Metal-Organic Framework for Ultrafast Removal of Hg from Water. *Inorganic Chemistry*, **2018**, 57, 4891-4897	5.1	46
325	Chiral induction in covalent organic frameworks. *Nature Communications*, **2018**, 9, 1294	17.4	105
324	Elucidating the Structure-Reactivity Correlations of Phenothiazine-Based Fluorescent Probes toward ClO. *Chemistry - A European Journal*, **2018**, 24, 8157-8166	4.8	12
323	Engineering a Zirconium MOF through Tandem "Click" Reactions: A General Strategy for Quantitative Loading of Bifunctional Groups on the Pore Surface. *Inorganic Chemistry*, **2018**, 57, 2288-2295	5.1	22
322	Pillar-Assisted Construction of a Three-Dimensional Framework from a Two-Dimensional Bilayer Based on a Zn/Cd Heterometal Cluster: Pore Tuning and Gas Adsorption. *Crystal Growth and Design*, **2018**, 18, 1826-1833	3.5	6
321	Process-Tracing Study on the Postassembly Modification of Highly Stable Zirconium Metal-Organic Cages. *Journal of the American Chemical Society*, **2018**, 140, 6231-6234	16.4	105

320	3D metal-organic frameworks based on lanthanide-seamed dimeric pyrogallol[4]arene nanocapsules. *Science China Chemistry*, **2018**, 61, 664-669	7.9	15
319	Fast, highly selective and sensitive anionic metal-organic framework with nitrogen-rich sites fluorescent chemosensor for nitro explosives detection. *Journal of Hazardous Materials*, **2018**, 344, 283-290	13.8	90
318	Use of aligned triphenylamine-based radicals in a porous framework for promoting photocatalysis. *Applied Catalysis B: Environmental*, **2018**, 221, 664-669	21.8	29
317	Two metal□organic frameworks based on pyridyl□tricarboxylate ligands as size-selective catalysts for solvent-free cyanosilylation reaction. *CrystEngComm*, **2018**, 20, 6070-6076	3.3	6
316	Sequential Transformation of Zirconium(IV)-MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. *Angewandte Chemie - International Edition*, **2018**, 57, 12578-12583	16.4	46
315	Sequential Transformation of Zirconium(IV)-MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. *Angewandte Chemie*, **2018**, 130, 12758-12763	3.6	4
314	Direct Solar-to-Electrochemical Energy Storage in a Functionalized Covalent Organic Framework. *Angewandte Chemie - International Edition*, **2018**, 57, 12716-12720	16.4	101
313	Direct Solar-to-Electrochemical Energy Storage in a Functionalized Covalent Organic Framework. *Angewandte Chemie*, **2018**, 130, 12898-12902	3.6	36
312	Ligand-enabled site-selectivity in a versatile rhodium(ii)-catalysed aryl C□H carboxylation with CO2. *Nature Catalysis*, **2018**, 1, 469-478	36.5	65
311	A Porous Framework as a Variable Chemosensor: From the Response of a Specific Carcinogenic Alkyl-Aromatic to Selective Detection of Explosive Nitroaromatics. *Chemistry - A European Journal*, **2018**, 24, 11033-11041	4.8	14
310	Twisted molecule-based hyper-crosslinked porous polymers for rapid and efficient removal of organic micropollutants from water.. *RSC Advances*, **2018**, 8, 36812-36818	3.7	9
309	Interconvertible vanadium-seamed hexameric pyrogallol[4]arene nanocapsules. *Nature Communications*, **2018**, 9, 4941	17.4	37
308	Azo-Bridged Calix[4]resorcinarene-Based Porous Organic Frameworks with Highly Efficient Enrichment of Volatile Iodine. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 17402-17409	8.3	67
307	Optimizing H, D, and CH Sorption Properties by Tuning the Pore Apertures in Metal-Organic Frameworks. *Inorganic Chemistry*, **2018**, 57, 13312-13317	5.1	13
306	Reductive cleavage of C[double bond, length as m-dash]C bonds as a new strategy for turn-on dual fluorescence in effective sensing of HS. *Chemical Science*, **2018**, 9, 8369-8374	9.4	28
305	Comparative Stability and Sorption Study of Two the-type Metal□Organic Frameworks with Different Multiplicate Metal□Ligand Interactions in Secondary Building Units. *Crystal Growth and Design*, **2017**, 17, 418-422	3.5	6
304	An Ultrastable and Easily Regenerated Hydrogen-Bonded Organic Molecular Framework with Permanent Porosity. *Angewandte Chemie - International Edition*, **2017**, 56, 2101-2104	16.4	157
303	An Ultrastable and Easily Regenerated Hydrogen-Bonded Organic Molecular Framework with Permanent Porosity. *Angewandte Chemie*, **2017**, 129, 2133-2136	3.6	43

302	From Coordination Cages to a Stable Crystalline Porous Hydrogen-Bonded Framework. *Chemistry - A European Journal*, **2017**, 23, 4774-4777	4.8	58
301	Cooperation of Three Chromophores Generates the Water-Resistant Nitrate Nonlinear Optical Material Bi TeO OH(NO). *Angewandte Chemie - International Edition*, **2017**, 56, 540-544	16.4	70
300	Cooperation of Three Chromophores Generates the Water-Resistant Nitrate Nonlinear Optical Material Bi3TeO6OH(NO3)2. *Angewandte Chemie*, **2017**, 129, 555-559	3.6	8
299	Evolution of Luminescent Supramolecular Lanthanide ML Complexes from Helicates and Tetrahedra to Cubes. *Journal of the American Chemical Society*, **2017**, 139, 8237-8244	16.4	118
298	A facile coordination-assisted method to fabricate a FRET-based fluorescent probe for ratiometric analysis with improved selectivity. *Sensors and Actuators B: Chemical*, **2017**, 252, 159-164	8.5	6
297	Kinetically controlled synthesis of two-dimensional Zr/Hf metal□organic framework nanosheets via a modulated hydrothermal approach. *Journal of Materials Chemistry A*, **2017**, 5, 8954-8963	13	85
296	Microporous Hexanuclear Ln(III) Cluster-Based Metal-Organic Frameworks: Color Tunability for Barcode Application and Selective Removal of Methylene Blue. *Inorganic Chemistry*, **2017**, 56, 511-517	5.1	106
295	Carbon dioxide capture in amorphous porous organic polymers. *Journal of Materials Chemistry A*, **2017**, 5, 1334-1347	13	169
294	Ultrathin two-dimensional porous organic nanosheets with molecular rotors for chemical sensing. *Nature Communications*, **2017**, 8, 1142	17.4	119
293	Control the Structure of Zr-Tetracarboxylate Frameworks through Steric Tuning. *Journal of the American Chemical Society*, **2017**, 139, 16939-16945	16.4	115
292	Carbon dioxide capture and conversion by an acid-base resistant metal-organic framework. *Nature Communications*, **2017**, 8, 1233	17.4	215
291	Flexible Zirconium MOFs as Bromine-Nanocontainers for Bromination Reactions under Ambient Conditions. *Angewandte Chemie - International Edition*, **2017**, 56, 14622-14626	16.4	48
290	Flexible Zirconium MOFs as Bromine-Nanocontainers for Bromination Reactions under Ambient Conditions. *Angewandte Chemie*, **2017**, 129, 14814-14818	3.6	12
289	Stabilization of Allylic Amine N-Oxide through Cocrystallization with Pyrogallol[4]arene. *Crystal Growth and Design*, **2017**, 17, 5625-5628	3.5	3
288	Tetrahedral crosslinking of dia-type nets into a zeolitic GIS-type framework for optimizing stability and gas sorption. *Journal of Materials Chemistry A*, **2017**, 5, 23276-23282	13	20
287	Microporous Metal-Organic Framework Based on Ligand-Truncation Strategy with High Performance for Gas Adsorption and Separation. *Inorganic Chemistry*, **2017**, 56, 10215-10219	5.1	58
286	Co-intercalation of multiple active units into graphene by pyrolysis of hydrogen-bonded precursors for zinc□air batteries and water splitting. *Journal of Materials Chemistry A*, **2017**, 5, 20882-20891	13	31
285	Reversible photoreduction of Cu(ii)-coumarin metal-organic polyhedra. *Chemical Communications*, **2017**, 53, 9250-9253	5.8	14

284	A monomeric bowl-like pyrogallol[4]arene Ti coordination complex. *Chemical Communications*, **2017**, 53, 9598-9601	5.8	26
283	Pentanuclear Yb(III) cluster-based metal-organic frameworks as heterogeneous catalysts for CO2 conversion. *Applied Catalysis B: Environmental*, **2017**, 219, 603-610	21.8	61
282	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. *Advanced Materials*, **2017**, 29, 1704210	24	213
281	High Gas Uptake and Selectivity in Hyper-Crosslinked Porous Polymers Knitted by Various Nitrogen-Containing Linkers. *ChemistryOpen*, **2017**, 6, 554-561	2.3	6
280	Controllable Reassembly of a Dynamic Metallocage: From Thermodynamic Control to Kinetic Control. *Chemistry - A European Journal*, **2017**, 23, 456-461	4.8	16
279	In situ large-scale construction of sulfur-functionalized metal–organic framework and its efficient removal of Hg(II) from water. *Journal of Materials Chemistry A*, **2016**, 4, 15370-15374	13	107
278	Mechanized azobenzene-functionalized zirconium metal-organic framework for on-command cargo release. *Science Advances*, **2016**, 2, e1600480	14.3	150
277	Controlled Orthogonal Self-Assembly of Heterometal-Decorated Coordination Cages. *Chemistry - A European Journal*, **2016**, 22, 17345-17350	4.8	43
276	Rational design of a flu-type heterometallic cluster-based Zr-MOF. *Chemical Communications*, **2016**, 52, 13671-13674	5.8	49
275	Conformation Improving Construction of Ag3L2 Metallocages and Their Selective Encapsulation. *Crystal Growth and Design*, **2016**, 16, 3569-3572	3.5	2
274	A new double layered 2-D copper(II) coordination polymer based on a semi-rigid ligand. *Journal of Coordination Chemistry*, **2016**, 69, 1828-1836	1.6	1
273	A fluorescent chemosensor for the sequential detection of copper(II) and histidine and its biological applications. *Sensors and Actuators B: Chemical*, **2016**, 228, 387-394	8.5	38
272	The dynamic response of a flexible indium based metal-organic framework to gas sorption. *Chemical Communications*, **2016**, 52, 2277-80	5.8	34
271	De Novo Tailoring Pore Morphologies and Sizes for Different Substrates in a Urea-Containing MOFs Catalytic Platform. *Chemistry of Materials*, **2016**, 28, 2000-2010	9.6	54
270	Mixed Matrix Membranes (MMMs) Comprising Exfoliated 2D Covalent Organic Frameworks (COFs) for Efficient CO2 Separation. *Chemistry of Materials*, **2016**, 28, 1277-1285	9.6	404
269	Exceptionally Robust In-Based Metal-Organic Framework for Highly Efficient Carbon Dioxide Capture and Conversion. *Inorganic Chemistry*, **2016**, 55, 3558-65	5.1	169
268	A Pyrene-Based, Fluorescent Three-Dimensional Covalent Organic Framework. *Journal of the American Chemical Society*, **2016**, 138, 3302-5	16.4	448
267	High surface area porous polymer frameworks: Potential host material for lithium–sulfur batteries. *Journal of Alloys and Compounds*, **2016**, 657, 626-630	5.7	22

266	Room Temperature Batch and Continuous Flow Synthesis of Water-Stable Covalent Organic Frameworks (COFs). *Chemistry of Materials*, **2016**, 28, 5095-5101	9.6	150
265	Visualizing the Dynamics of Temperature- and Solvent-Responsive Soft Crystals. *Angewandte Chemie - International Edition*, **2016**, 55, 7478-82	16.4	43
264	Visualizing the Dynamics of Temperature- and Solvent-Responsive Soft Crystals. *Angewandte Chemie*, **2016**, 128, 7604-7608	3.6	8
263	Mechanoassisted Synthesis of Sulfonated Covalent Organic Frameworks with High Intrinsic Proton Conductivity. *ACS Applied Materials & Interfaces*, **2016**, 8, 18505-12	9.5	160
262	Synthesis and Characterization of Two Isostructural Lanthanide-Containing Metal-Organic Frameworks Constructed from an Unprecedented [Ln7(μ3-OH)8]13+ Cluster. *Chinese Journal of Chemistry*, **2016**, 34, 210-214	4.9	1
261	Direct Synthesis of Hierarchically Porous Metal–Organic Frameworks with High Stability and Strong Brønsted Acidity: The Decisive Role of Hafnium in Efficient and Selective Fructose Dehydration. *Chemistry of Materials*, **2016**, 28, 2659-2667	9.6	127
260	A regenerative metal-organic framework for reversible uptake of Cd(ii): from effective adsorption to detection. *Chemical Science*, **2016**, 7, 5983-5988	9.4	103
259	Syntheses, structures, luminescence and magnetic properties of three high-nuclearity neodymium compounds based on mixed sulfonylcalix[4]arene-phosphonate ligands. *CrystEngComm*, **2016**, 18, 4921-4928	3.3	9
258	Self-assembly of high-nuclearity lanthanide-based nanoclusters for potential bioimaging applications. *Nanoscale*, **2016**, 8, 11123-9	7.7	13
257	Stable metal-organic frameworks containing single-molecule traps for enzyme encapsulation. *Nature Communications*, **2015**, 6, 5979	17.4	422
256	A porous metal-organic framework with ultrahigh acetylene uptake capacity under ambient conditions. *Nature Communications*, **2015**, 6, 7575	17.4	229
255	Conformation driven in situ interlock: from discrete metallocycles to infinite polycatenanes. *Chemical Communications*, **2015**, 51, 13706-9	5.8	12
254	Postsynthetic Modification of an Alkyne-Tagged Zirconium Metal-Organic Framework via a "Click" Reaction. *Inorganic Chemistry*, **2015**, 54, 5139-41	5.1	45
253	Robust molecular bowl-based metal-organic frameworks with open metal sites: size modulation to increase the catalytic activity. *Inorganic Chemistry*, **2015**, 54, 3719-21	5.1	53
252	Reversible Tuning Hydroquinone/Quinone Reaction in Metal–Organic Framework: Immobilized Molecular Switches in Solid State. *Chemistry of Materials*, **2015**, 27, 6426-6431	9.6	61
251	Porous Materials to Store Clear Energy Gases* **2015**, 297-327		2
250	Targeted synthesis of a large triazine-based [4+6] organic molecular cage: structure, porosity and gas separation. *Chemical Communications*, **2015**, 51, 1976-9	5.8	75
249	A facile synthesis of microporous organic polymers for efficient gas storage and separation. *Journal of Materials Chemistry A*, **2015**, 3, 3051-3058	13	103

248	Cost-effective synthesis of amine-tethered porous materials for carbon capture. *ChemSusChem*, **2015**, 8, 433-8	8.3	32
247	Bottom-Up Construction of Mesoporous Nanotubes from 78-Component Self-Assembled Nanobarrels. *Angewandte Chemie - International Edition*, **2015**, 54, 9844-8	16.4	28
246	Synthesis of a Sulfonated Two-Dimensional Covalent Organic Framework as an Efficient Solid Acid Catalyst for Biobased Chemical Conversion. *ChemSusChem*, **2015**, 8, 3208-12	8.3	122
245	A 2D metal□rganic framework composed of a bi-functional ligand with ultra-micropores for post-combustion CO2 capture. *RSC Advances*, **2015**, 5, 47384-47389	3.7	9
244	Syntheses, crystal structures, and properties of four coordination polymers with a new bifunctional ligand. *Polyhedron*, **2015**, 87, 361-368	2.7	2
243	A dual-functional Cd(II)□rganic-framework demonstrating selective sensing of Zn2+ and Fe3+ ions exclusively and size-selective catalysis towards cyanosilylation. *RSC Advances*, **2015**, 5, 10119-10124	3.7	25
242	Facile fabrication of cost-effective porous polymer networks for highly selective CO2 capture. *Journal of Materials Chemistry A*, **2015**, 3, 3252-3256	13	86
241	Functional Hydrogen-Bonded Supramolecular Framework for K+ Ion Sensing. *Crystal Growth and Design*, **2015**, 15, 531-533	3.5	36
240	Mesoporous carbon originated from non-permanent porous MOFs for gas storage and CO2/CH4 separation. *Scientific Reports*, **2014**, 4, 5711	4.9	65
239	Covalent Heme Framework as a Highly Active Heterogeneous Biomimetic Oxidation Catalyst. *Chemistry of Materials*, **2014**, 26, 1639-1644	9.6	67
238	Achieving a rare breathing behavior in a polycatenated 2D to 3D net through a pillar-ligand extension strategy. *Chemistry - A European Journal*, **2014**, 20, 649-52	4.8	37
237	Two-dimensional metal-organic framework with wide channels and responsive turn-on fluorescence for the chemical sensing of volatile organic compounds. *Journal of the American Chemical Society*, **2014**, 136, 7241-4	16.4	527
236	Coexistence of cages and one-dimensional channels in a porous MOF with high H(2) and CH(4) uptakes. *Chemical Communications*, **2014**, 50, 2834-6	5.8	50
235	A controllable and dynamic assembly system based on discrete metallocages. *Chemical Science*, **2014**, 5, 483-488	9.4	37
234	Polymeric double-anion templated Er48 nanotubes. *Chemical Communications*, **2014**, 50, 1113-5	5.8	52
233	Construction of two microporous metal-organic frameworks with flu and pyr topologies based on Zn4(□-OH)2(CO2)6 and Zn6(□-O)(CO2)6 secondary building units. *Inorganic Chemistry*, **2014**, 53, 1032-8	5.1	46
232	Self-assembly of polyhedral indium-organic nanocages. *Inorganic Chemistry*, **2014**, 53, 12228-30	5.1	16
231	Butterfly-like enantiomerically homochiral {Co(II)6Co(III)4} clusters exhibiting both slow magnetic relaxation and ferroelectric property. *Dalton Transactions*, **2014**, 43, 3238-43	4.3	27

230	Unusual pore structure and sorption behaviour in a hexanodal zinc-organic framework material. *Chemical Communications*, **2014**, 50, 1678-81	5.8	29
229	Three-dimensional frameworks based on dodecanuclear Dy-hydroxo wheel cluster with slow relaxation of magnetization. *Inorganic Chemistry*, **2014**, 53, 12234-6	5.1	41
228	Ideal N-doped carbon nanoarchitectures evolved from fibrils for highly efficient oxygen reduction. *Journal of Materials Chemistry A*, **2014**, 2, 19765-19770	13	21
227	Sorption comparison of two indium□rganic framework isomers with syn□nti configurations. *CrystEngComm*, **2014**, 16, 7434	3.3	11
226	Synthesis, structures, and magnetic properties of a series of new heterometallic hexanuclear Co2Ln4 (Ln = Eu, Gd, Tb and Dy) clusters. *Inorganic Chemistry Frontiers*, **2014**, 1, 695-704	6.8	31
225	Open pentameric calixarene nanocage. *Inorganic Chemistry*, **2014**, 53, 18-20	5.1	30
224	SO42□anion directed hexagonal-prismatic cages via cooperative C□H?O hydrogen bonds. *Chemical Science*, **2014**, 5, 4163-4166	9.4	15
223	A porous metal□rganic framework with an elongated anthracene derivative exhibiting a high working capacity for the storage of methane. *Journal of Materials Chemistry A*, **2014**, 2, 11516	13	40
222	Rational Design and Synthesis of Porous Polymer Networks: Toward High Surface Area. *Chemistry of Materials*, **2014**, 26, 4589-4597	9.6	59
221	Kinetically tuned dimensional augmentation as a versatile synthetic route towards robust metal-organic frameworks. *Nature Communications*, **2014**, 5, 5723	17.4	258
220	A Novel Self-Penetrated Framework with New Topology Based on Rigid Ligands. *Chinese Journal of Chemistry*, **2014**, 32, 1029-1032	4.9	5
219	A thermally stable pcu network based on ferromagnetic dinuclear Ni(II) units. *Journal of Molecular Structure*, **2014**, 1058, 272-276	3.4	
218	Switchable Dielectric Phase Transition Induced by Ordering of Twisting Motion in 1,4-Diazabicyclo[2.2.2]octane Chlorodifluoroacetate. *Crystal Growth and Design*, **2013**, 13, 2081-2086	3.5	64
217	A Water and Thermally Stable Metal□rganic Framework Featuring Selective CO2 Adsorption. *Crystal Growth and Design*, **2013**, 13, 4125-4130	3.5	45
216	Linker extension through hard-soft selective metal coordination for the construction of a non-rigid metal-organic framework. *Science China Chemistry*, **2013**, 56, 418-422	7.9	18
215	Increase in pore size and gas uptake capacity in indium-organic framework materials. *Journal of Materials Chemistry A*, **2013**, 1, 9075	13	27
214	A Highly Symmetric Metal□rganic Framework Based on a Propeller-Like Ru-Organic Metalloligand for Photocatalysis and Explosives Detection. *Crystal Growth and Design*, **2013**, 13, 5466-5472	3.5	97
213	Wings waving: coordinating solvent-induced structural diversity of new Cu(II) flexible MOFs with crystal to crystal transformation and gas sorption capability. *CrystEngComm*, **2013**, 15, 9513	3.3	16

212	Two cationic metal□organic frameworks featuring different cage-to-cage connections: syntheses, crystal structures, photoluminescence and gas sorption properties. *CrystEngComm*, **2013**, 15, 8139	3.3	16
211	Sorption behaviour in a unique 3,12-connected zinc□rganic framework with 2.4 nm cages. *Journal of Materials Chemistry A*, **2013**, 1, 10631	13	34
210	Ferroelastic phase transition and switchable dielectric behavior associated with ordering of molecular motion in a perovskite-like architectured supramolecular cocrystal. *Journal of Materials Chemistry C*, **2013**, 1, 2561	7.1	80
209	Anion-driven self-assembly: from discrete cages to infinite polycatenanes step by step. *Chemical Communications*, **2013**, 49, 719-21	5.8	27
208	A porous covalent porphyrin framework with exceptional uptake capacity of saturated hydrocarbons for oil spill cleanup. *Chemical Communications*, **2013**, 49, 1533-5	5.8	117
207	A multi-metal-cluster MOF with Cu4I4 and Cu6S6 as functional groups exhibiting dual emission with both thermochromic and near-IR character. *Chemical Science*, **2013**, 4, 1484	9.4	178
206	Two polymeric 36-metal pure lanthanide nanosize clusters. *Chemical Science*, **2013**, 4, 3104	9.4	140
205	The 3D porous metal□rganic frameworks based on bis(pyrazinyl)□rizole: structures, photoluminescence and gas adsorption properties. *CrystEngComm*, **2013**, 15, 5673	3.3	25
204	Preparations, structures and properties of heterobimetallic complexes based on tetrahydrofuran-2,3,4,5-tetracarboxylate. *Journal of Solid State Chemistry*, **2013**, 201, 208-214	3.3	3
203	Carbon Dioxide Capture from Air Using Amine-Grafted Porous Polymer Networks. *Journal of Physical Chemistry C*, **2013**, 117, 4057-4061	3.8	123
202	Chiral Metallocycles Templated Novel Chiral Water Frameworks. *Crystal Growth and Design*, **2013**, 13, 518-525	3.5	38
201	In situ construction of a coordination zirconocene tetrahedron. *Inorganic Chemistry*, **2013**, 52, 13815-7	5.1	85
200	Highly porous metal-organic framework sustained with 12-connected nanoscopic octahedra. *Dalton Transactions*, **2013**, 42, 1708-14	4.3	54
199	A highly porous and robust (3,3,4)-connected metal-organic framework assembled with a 90□ bridging-angle embedded octacarboxylate ligand. *Angewandte Chemie - International Edition*, **2012**, 51, 1580-4	16.4	101
198	Temperature-Dependent in Situ Reduction of 4,4?-Azobispyridine via Solvothermal Reaction. *Crystal Growth and Design*, **2012**, 12, 2079-2088	3.5	61
197	Chlorine-induced assembly of a cationic coordination cage with a □-carbonato-bridged Mn(II)24 core. *Chemistry - A European Journal*, **2012**, 18, 5536-40	4.8	56
196	The unusual thermochromic NIR luminescence of Cu(I) clusters: tuned by Cu-Cu interactions and packing modes. *Dalton Transactions*, **2012**, 41, 9411-6	4.3	44
195	A series of goblet-like heterometallic pentanuclear [Ln(III)Cu(II)4] clusters featuring ferromagnetic coupling and single-molecule magnet behavior. *Chemical Communications*, **2012**, 48, 10736-8	5.8	33

194	Reversible alteration of CO2 adsorption upon photochemical or thermal treatment in a metal-organic framework. *Journal of the American Chemical Society*, **2012**, 134, 99-102	16.4	360
193	A series of octanuclear-nickel(II) complexes supported by thiacalix[4]arenes. *Inorganic Chemistry*, **2012**, 51, 3283-8	5.1	53
192	Robust Metal□Organic Framework with An Octatopic Ligand for Gas Adsorption and Separation: Combined Characterization by Experiments and Molecular Simulation. *Chemistry of Materials*, **2012**, 24, 18-25	9.6	74
191	In situ formed white-light-emitting lanthanide-zinc-organic frameworks. *Inorganic Chemistry*, **2012**, 51, 1201-3	5.1	113
190	Highly selective carbon dioxide adsorption in a water-stable indium-organic framework material. *Chemical Communications*, **2012**, 48, 9696-8	5.8	130
189	Comparison of the effect of functional groups on gas-uptake capacities by fixing the volumes of cages A and B and modifying the inner wall of cage C in rht-type MOFs. *Inorganic Chemistry*, **2012**, 51, 10350-5	5.1	88
188	Syntheses, structures and photoluminescence of two microporous lanthanide coordination polymers. *Inorganic Chemistry Communication*, **2012**, 22, 120-122	3.1	4
187	Self-Assembly of Thiacalix[4]arene-Supported Nickel(II)/Cobalt(II) Complexes Sustained by in Situ Generated 5-Methyltetrazolate Ligand. *Crystal Growth and Design*, **2012**, 12, 3335-3341	3.5	62
186	Hexagonal prismatic dodecameric water cluster: a building unit of the five-fold interpenetrating six-connected supramolecular network. *Chemical Communications*, **2012**, 48, 9014-6	5.8	26
185	A porous metal-organic framework with helical chain building units exhibiting facile transition from micro- to meso-porosity. *Chemical Communications*, **2012**, 48, 883-5	5.8	45
184	Stepwise adsorption in a mesoporous metal-organic framework: experimental and computational analysis. *Chemical Communications*, **2012**, 48, 3297-9	5.8	50
183	Pb(II) metal□rganic nanotubes based on cyclodextrins: biphasic synthesis, structures and properties. *Chemical Science*, **2012**, 3, 2282	9.4	57
182	A novel MOF with mesoporous cages for kinetic trapping of hydrogen. *Chemical Communications*, **2012**, 48, 254-6	5.8	37
181	Truncated octahedral coordination cage incorporating six tetranuclear-metal building blocks and twelve linear edges. *Chemical Science*, **2012**, 3, 2321	9.4	110
180	Tuning the Formations of Metal□Organic Frameworks by Modification of Ratio of Reactant, Acidity of Reaction System, and Use of a Secondary Ligand. *Crystal Growth and Design*, **2012**, 12, 281-288	3.5	72
179	Heterometallic thiacalix[4]arene-supported Na2Ni(II)12Ln(III)2 clusters with vertex-fused tricubane cores (Ln = Dy and Tb). *Chemical Communications*, **2012**, 48, 7456-8	5.8	46
178	Highly potent bactericidal activity of porous metal-organic frameworks. *Advanced Healthcare Materials*, **2012**, 1, 225-38	10.1	105
177	A Highly Porous and Robust (3,3,4)-Connected Metal□Organic Framework Assembled with a 90□ Bridging-Angle Embedded Octacarboxylate Ligand. *Angewandte Chemie*, **2012**, 124, 1612-1616	3.6	17

176	Polyamine-Tethered Porous Polymer Networks for Carbon Dioxide Capture from Flue Gas. *Angewandte Chemie*, **2012**, 124, 7598-7602	3.6	53
175	Polyamine-tethered porous polymer networks for carbon dioxide capture from flue gas. *Angewandte Chemie - International Edition*, **2012**, 51, 7480-4	16.4	476
174	Tuning the topology and functionality of metal-organic frameworks by ligand design. *Accounts of Chemical Research*, **2011**, 44, 123-33	24.3	859
173	A stepwise transition from microporosity to mesoporosity in metal–organic frameworks by thermal treatment. *Chemical Science*, **2011**, 2, 103-106	9.4	82
172	Syntheses, structures, and magnetic properties of a family of tetra-, hexa-, and nonanuclear Mn/Ni heterometallic clusters. *Inorganic Chemistry*, **2011**, 50, 10342-52	5.1	21
171	METAL-ORGANIC FRAMEWORKS **2011**, 37-64		1
170	Pressure-responsive curvature change of a "rigid" geodesic ligand in a (3,24)-connected mesoporous metal-organic framework. *Inorganic Chemistry*, **2011**, 50, 10528-30	5.1	68
169	Sulfonate-grafted porous polymer networks for preferential CO2 adsorption at low pressure. *Journal of the American Chemical Society*, **2011**, 133, 18126-9	16.4	479
168	The current status of hydrogen storage in metal–organic frameworks—updated. *Energy and Environmental Science*, **2011**, 4, 2721	35.4	391
167	Surface functionalization of porous coordination nanocages via click chemistry and their application in drug delivery. *Advanced Materials*, **2011**, 23, 90-3	24	295
166	Highly stable porous polymer networks with exceptionally high gas-uptake capacities. *Advanced Materials*, **2011**, 23, 3723-5	24	485
165	Porous Polymer Networks: Highly Stable Porous Polymer Networks with Exceptionally High Gas-Uptake Capacities (Adv. Mater. 32/2011). *Advanced Materials*, **2011**, 23, 3608-3608	24	1
164	A glycine ligand coordinated hybrid complex constructed from hexanuclear copper clusters and octamolybdates. *Inorganic Chemistry Communication*, **2011**, 14, 1546-1549	3.1	9
163	Two unique self-penetrating metal–organic frameworks based on flexible tripodal ligands, Cu(II) and N-containing bridging ligands. *CrystEngComm*, **2011**, 13, 6945	3.3	23
162	Surface functionalization of metal-organic polyhedron for homogeneous cyclopropanation catalysis. *Chemical Communications*, **2011**, 47, 4968-70	5.8	91
161	Influence of indomethacin-loading on the micellization and drug release of thermosensitive dextran-graft-poly(N-isopropylacrylamide). *Reactive and Functional Polymers*, **2011**, 71, 820-827	4.6	21
160	Three-component reactions leading to 2D and 3D metal–organic frameworks assembled on dinickel-carboxylate secondary building units. *Polyhedron*, **2011**, 30, 47-52	2.7	8
159	Self-assembly and characterization of copper 3,4-pyridinedicarboxylate complexes based on a variety of polynuclear hydroxo clusters. *Dalton Transactions*, **2011**, 40, 1758-67	4.3	21

158	Introduction of cavities up to 4 nm into a hierarchically-assembled metal-organic framework using an angular, tetratopic ligand. *Chemical Communications*, **2010**, 46, 5223-5	5.8	35
157	Porous Polymer Networks: Synthesis, Porosity, and Applications in Gas Storage/Separation. *Chemistry of Materials*, **2010**, 22, 5964-5972	9.6	466
156	Ligand bridging-angle-driven assembly of molecular architectures based on quadruply bonded Mo-Mo dimers. *Journal of the American Chemical Society*, **2010**, 132, 17599-610	16.4	158
155	Unprecedented marriage of a cationic pentanuclear cluster and a 2D polymeric anionic layer based on a flexible tripodal ligand and a Cu(II) ion. *Inorganic Chemistry*, **2010**, 49, 769-71	5.1	85
154	Control over interpenetration in lanthanide-organic frameworks: synthetic strategy and gas-adsorption properties. *Inorganic Chemistry*, **2010**, 49, 7605-7	5.1	118
153	Functional mesoporous metal-organic frameworks for the capture of heavy metal ions and size-selective catalysis. *Inorganic Chemistry*, **2010**, 49, 11637-42	5.1	243
152	Thermosensitive gating effect and selective gas adsorption in a porous coordination nanocage. *Chemical Communications*, **2010**, 46, 7352-4	5.8	80
151	An unusual case of symmetry-preserving isomerism. *Chemical Communications*, **2010**, 46, 1329-31	5.8	153
150	A NbO-type metal-organic framework derived from a polyyne-coupled di-isophthalate linker formed in situ. *Chemical Communications*, **2010**, 46, 4196-8	5.8	126
149	The use of phosphonates for constructing 3d-4f clusters at high oxidation states: synthesis and characterization of two unusual heterometallic CeMn complexes. *Dalton Transactions*, **2010**, 39, 7276-85	4.3	53
148	An Isoreticular Series of Metal□Organic Frameworks with Dendritic Hexacarboxylate Ligands and Exceptionally High Gas-Uptake Capacity. *Angewandte Chemie*, **2010**, 122, 5485-5489	3.6	91
147	An isoreticular series of metal-organic frameworks with dendritic hexacarboxylate ligands and exceptionally high gas-uptake capacity. *Angewandte Chemie - International Edition*, **2010**, 49, 5357-61	16.4	622
146	In situ synthesis of Ag nanoparticles in aminocalix[4]arene multilayers. *Journal of Colloid and Interface Science*, **2010**, 341, 320-5	9.3	18
145	Synthesis, X-ray crystal structure, and magnetic property of a 3-D self-assembled supermolecule. *Journal of Coordination Chemistry*, **2009**, 62, 2307-2315	1.6	3
144	Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to One-Dimensional Chains. *Angewandte Chemie*, **2009**, 121, 7312-7315	3.6	30
143	Innentitelbild: Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to One-Dimensional Chains (Angew. Chem. 39/2009). *Angewandte Chemie*, **2009**, 121, 7238-7238	3.6	
142	Poly(polyoxotungstate)s with 20 nickel centers: from nanoclusters to one-dimensional chains. *Angewandte Chemie - International Edition*, **2009**, 48, 7176-9	16.4	165
141	Inside Cover: Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to One-Dimensional Chains (Angew. Chem. Int. Ed. 39/2009). *Angewandte Chemie - International Edition*, **2009**, 48, 7104-7104	16.4	1

140	Potential applications of metal-organic frameworks. *Coordination Chemistry Reviews*, **2009**, 253, 3042-3066	25.2	1235
139	Two Coordination Networks Built from p-Sulfonatothiacalix[4]arene Tetranuclear Clusters. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2009**, 635, 1669-1672	1.3	7
138	A dinuclear vanadium compound with 24-membered macrocycle generated via formation of S□ bonds. *Inorganica Chimica Acta*, **2009**, 362, 407-413	2.7	5
137	Intricate 3D lanthanide□rganic frameworks with mixed nodes nets. *Journal of Solid State Chemistry* , **2009**, 182, 215-222	3.3	28
136	Microporous lanthanide metal-organic frameworks containing coordinatively linked interpenetration: syntheses, gas adsorption studies, thermal stability analysis, and photoluminescence investigation. *Inorganic Chemistry*, **2009**, 48, 2072-7	5.1	176
135	Porous metal-organic frameworks based on an anthracene derivative: syntheses, structure analysis, and hydrogen sorption studies. *Inorganic Chemistry*, **2009**, 48, 5263-8	5.1	77
134	Preparation and gas adsorption studies of three mesh-adjustable molecular sieves with a common structure. *Journal of the American Chemical Society*, **2009**, 131, 6445-51	16.4	108
133	A three-dimensional porous metal-organic framework constructed from two-dimensional sheets via interdigitation exhibiting dynamic features. *Inorganic Chemistry*, **2009**, 48, 4616-8	5.1	40
132	Hydrogen-Bonded Helical Array, Sodium-Ion-Mediated Head-to-Tail Chain, and Regular Ionic Bilayer: Structural Diversities of p-Sulfonatothiacalix[4]arene Tetranuclear Cluster Units. *Crystal Growth and Design*, **2009**, 9, 1584-1589	3.5	10
131	Investigation of gas adsorption performances and H2 affinities of porous metal-organic frameworks with different entatic metal centers. *Inorganic Chemistry*, **2009**, 48, 5398-402	5.1	68
130	Stabilization of metal-organic frameworks with high surface areas by the incorporation of mesocavities with microwindows. *Journal of the American Chemical Society*, **2009**, 131, 9186-8	16.4	297
129	A nanotubular metal-organic framework with permanent porosity: structure analysis and gas sorption studies. *Chemical Communications*, **2009**, 4049-51	5.8	78
128	Structural diversity of lanthanide coordination polymers with 2,2?-biquinoline-4,4?-dicarboxylate. *CrystEngComm*, **2009**, 11, 2640	3.3	9
127	Indium(III)-2,5-pyridine dicarboxylate complexes with mononuclear, 1D chain, 2D layer and 3D chiral frameworks. *CrystEngComm*, **2009**, 11, 918	3.3	21
126	A large-surface-area boracite-network-topology porous MOF constructed from a conjugated ligand exhibiting a high hydrogen uptake capacity. *Inorganic Chemistry*, **2009**, 48, 7519-21	5.1	62
125	Metal□rganic Frameworks Based on Double-Bond-Coupled Di-Isophthalate Linkers with High Hydrogen and Methane Uptakes. *Chemistry of Materials*, **2008**, 20, 3145-3152	9.6	231
124	The current status of hydrogen storage in metal□rganic frameworks. *Energy and Environmental Science*, **2008**, 1, 222	35.4	386
123	Molecule Cleft and Squares with Binicotinic Bishydrazone Ligand: Crystal Structures, Spectroscopic Properties, and Calculation. *Crystal Growth and Design*, **2008**, 8, 3791-3802	3.5	10

122	A Prototypical Zeolitic Lanthanide–Organic Framework with Nanotubular Structure. *Crystal Growth and Design*, **2008**, 8, 166-168	3.5	84
121	Metal-organic framework from an anthracene derivative containing nanoscopic cages exhibiting high methane uptake. *Journal of the American Chemical Society*, **2008**, 130, 1012-6	16.4	756
120	Cd(II)-sulfonyldibenzoilate coordination polymers based on mono-, bi-, tri- and tetranuclear cores as nodes. *CrystEngComm*, **2008**, 10, 905	3.3	60
119	The Aggregations and Strong Emissions of d8 and d10 Metal–8-Hydroxyquinaldine Complexes. *Crystal Growth and Design*, **2008**, 8, 2721-2728	3.5	33
118	Synthesis and characterization of a family of penta- and tetra-manganese(III) complexes derived from an assembly system containing tert-butylphosphonic acid. *Inorganic Chemistry*, **2008**, 47, 5580-90	5.1	40
117	Formation of a sandwich-type supercomplex through second-sphere coordination of functionalized macrocyclic polyamines. *CrystEngComm*, **2008**, 10, 19-22	3.3	19
116	Extending the Structures of the p-Sulfonatothiacalix[4]arene Dimers Through Second-sphere Coordination and π Stacking Interactions. *Supramolecular Chemistry*, **2008**, 20, 289-293	1.8	6
115	A coordinatively linked Yb metal-organic framework demonstrates high thermal stability and uncommon gas-adsorption selectivity. *Angewandte Chemie - International Edition*, **2008**, 47, 4130-3	16.4	260
114	Enhancing H2 uptake by "close-packing" alignment of open copper sites in metal-organic frameworks. *Angewandte Chemie - International Edition*, **2008**, 47, 7263-6	16.4	291
113	A Coordinatively Linked Yb Metal–Organic Framework Demonstrates High Thermal Stability and Uncommon Gas-Adsorption Selectivity. *Angewandte Chemie*, **2008**, 120, 4198-4201	3.6	37
112	Enhancing H2 Uptake by "Close-Packing" Alignment of Open Copper Sites in Metal–Organic Frameworks. *Angewandte Chemie*, **2008**, 120, 7373-7376	3.6	36
111	Synthesis, structure and luminescent properties of lanthanide–organic frameworks based on pyridine-2,6-dicarboxylic acid. *Journal of Molecular Structure*, **2008**, 872, 99-104	3.4	34
110	A novel one-dimensional coordination polymer capturing hydrated Co(II) cations. *Journal of Molecular Structure*, **2008**, 877, 132-137	3.4	6
109	Unprecedented ferromagnetic interaction in an erbium(III)–copper(II) coordination polymer. *Journal of Molecular Structure*, **2008**, 885, 23-27	3.4	11
108	Multilayer films of single-component and charged tetraaminocalix[4]arenes based on hydrogen bonding. *Chemical Communications*, **2007**, 1813-5	5.8	12
107	Synthesis and characterization of a family of tetranuclear manganese(III) phosphonate complexes. *New Journal of Chemistry*, **2007**, 31, 2103	3.6	22
106	Formation of an Infinite Three-Dimensional Water Network by the Hierarchic Assembly of Bilayer Water Nanotubes of Octamers. *Crystal Growth and Design*, **2007**, 7, 1385-1387	3.5	71
105	A 3D porous cobalt-organic framework exhibiting spin-canted antiferromagnetism and field-induced spin-flop transition. *Inorganic Chemistry*, **2007**, 46, 9609-15	5.1	91

104	Combination between lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions: I. from isolated cluster to 1-D chain. *Chemical Communications*, **2007**, 1858-60	5.8	150
103	Captures of Copper(II)2,2bpy Complexes in Conformation-Fixed Homometallic Anionic Dimers and Heterometallic Clusters. *Crystal Growth and Design*, **2007**, 7, 1446-1451	3.5	18
102	A Series of Cadmium(II) Coordination Polymers Synthesized at different pH Values. *European Journal of Inorganic Chemistry*, **2007**, 2007, 742-748	2.3	50
101	Chlorido-Bridged MnII Schiff-Base Complex with Ferromagnetic Exchange Interactions. *European Journal of Inorganic Chemistry*, **2007**, 2007, 3663-3668	2.3	11
100	A blue luminescent inorganicorganic hybrid with infinite [Cd3(3-OH)2(2-Cl)2] connectivity. *Inorganic Chemistry Communication*, **2007**, 10, 993-996	3.1	28
99	Syntheses, crystal structures and photoluminescences of two (4,4) topological coordination networks derived from the flexible bipyridyl ligands. *Inorganica Chimica Acta*, **2007**, 360, 2207-2214	2.7	14
98	Syntheses, crystal structures and magnetic properties of Ni(II)2,4-pyridine-dicarboxylates. *Journal of Molecular Structure*, **2007**, 830, 85-93	3.4	13
97	Syntheses, structures and magnetic properties of Co(II) complexes based on H4BTEC and 2-(n-pyridyl)benzimidazole (n = 2, 3, and 4). *Journal of Molecular Structure*, **2007**, 831, 195-202	3.4	13
96	Assembly of two novel three-dimensional networks driven by Alkali metals with an irreversible structural conversion. *Polyhedron*, **2007**, 26, 2979-2986	2.7	11
95	Chains, ladders and sheets of d10 metalorganic polymers generated from the flexible bipyridyl ligands. *Polyhedron*, **2007**, 26, 5309-5316	2.7	22
94	Aquabis(1,10-phenanthroline)(4,4?-sulfonyldibenzoato)nickel(II) dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m67-m69		3
93	Bis(tetraethylammonium) bis(dimethylammonium) dihydrogendecavanadate(V). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m675-m677		4
92	catena-Poly[[[triaqua(4,4?-bipyridineN,N?-dioxide-O)dichloridocerium(III)]-2-4,4?-bipyridineN,N?-dioxide-2O:O?] chloride monohydrate]. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1430-m1430		
91	4,4?-Sulfonyldibenzoic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o2870-o2870		8
90	Diversity of Coordination Architecture of Copper(II)5-Sulfoisophthalic Acid: Synthesis, Crystal Structures, and Characterization. *Crystal Growth and Design*, **2007**, 7, 1832-1843	3.5	85
89	A p-Sulfonatothiacalix[4]arene Supramolecular Capsule Containing a Dinuclear Copper(II) Complex. *Supramolecular Chemistry*, **2007**, 19, 411-417	1.8	4
88	New lanthanide hybrid as clustered infinite nanotunnel with 3D Ln-O-Ln framework and (3,4)-connected net. *Inorganic Chemistry*, **2007**, 46, 1171-6	5.1	164
87	A Highly Symmetric Porous Framework with Multi-intersecting Open Channels. *Crystal Growth and Design*, **2007**, 7, 1712-1715	3.5	71

86	Combination of lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions. 3. Structure and characterization of [Cu(enMe)2]2{[Cu(enMe)2(H2O)]2[Cu6(enMe)2(B-a-SiW9O34)2]}.4H2O. *Inorganic Chemistry*, **2007**, 46, 4569-74	5.1	103
85	Inclusion of Metal Complexes into Cavities of 2D Coordination Networks Built from p-Sulfonatothiacalix[4]arene Tetranuclear Clusters. *European Journal of Inorganic Chemistry*, **2006**, 2006, 526-530	2.3	11
84	Syntheses, Structures, and Characterization of Two Manganese(II)-Aminobenzoic Complexes. *European Journal of Inorganic Chemistry*, **2006**, 2006, 1649-1656	2.3	37
83	Nickel-Organic Coordination Layers with Different Directional Cavities. *European Journal of Inorganic Chemistry*, **2006**, 2006, 4852-4856	2.3	15
82	Synthesis, crystal structure and magnetic property of a three-dimensional manganese(II) complex. *Journal of Coordination Chemistry*, **2006**, 59, 969-976	1.6	4
81	Syntheses, crystal structures, and properties of complexes constructed with polybenzoate and 2,2?-bibenzimidazole. *CrystEngComm*, **2006**, 8, 281	3.3	46
80	From Helical Array to Porous Architecture: Exploring the Use of Side Chains of Amino Acids to Engineer 1D Infinite Coordination Polymeric Chain into Porous Frameworks. *Crystal Growth and Design*, **2006**, 6, 989-993	3.5	33
79	Guest-Induced Molecular Capsule Assembly of p-Sulfonatothiacalix[4]arene. *Crystal Growth and Design*, **2006**, 6, 514-518	3.5	33
78	Anion Effect on the Structural Conformation of Tetranuclear Cadmium(II) Complexes. *Crystal Growth and Design*, **2006**, 6, 1351-1360	3.5	102
77	1D Tube, 2D Layer, and 3D Framework Derived from a New Series of Metal(II)5-Aminodiacetic Isophthalate Coordination Polymers. *Crystal Growth and Design*, **2006**, 6, 1168-1174	3.5	109
76	Two 3D porous cadmium tetrazolate frameworks with hexagonal tunnels. *Inorganic Chemistry*, **2006**, 45, 5760-6	5.1	137
75	A novel chiral framework constructed through three-fold interpenetration of (4,4) nets of Ni(II)5muconate4,4?-bipyridine. *Inorganic Chemistry Communication*, **2006**, 9, 371-374	3.1	12
74	An unusual four-connected (65,8) topology in a coordination polymer. *Inorganic Chemistry Communication*, **2006**, 9, 551-554	3.1	20
73	Characterization of a novel water tape containing (H2O)18 clusters. *Inorganic Chemistry Communication*, **2006**, 9, 691-694	3.1	23
72	From chain to layer structure: CdII coordination polymers derived from diphenic acid. *Journal of Molecular Structure*, **2006**, 784, 1-6	3.4	19
71	A novel antiferromagnetic nickel coordination framework with 1-H-benzimidazole-5-carboxylic acid. *Journal of Molecular Structure*, **2006**, 782, 106-109	3.4	17
70	Luminescent 2D supramolecular network constructed from tubular coordination polymer based on H-bonding and interactions. *Journal of Molecular Structure*, **2006**, 789, 128-132	3.4	14
69	Lanthanide-isophthalate cavity frameworks encapsulated copper(I) complexes. *Journal of Molecular Structure*, **2006**, 796, 203-209	3.4	12

68	Syntheses, structures and properties of three novel coordination polymers with a flexible asymmetrical bridging ligand. *Inorganica Chimica Acta*, **2006**, 359, 2232-2240	2.7	19
67	Three new cubane-like transition metal complexes of di-2-pyridyl ketone in gem-diol form: Syntheses, crystal structures and properties. *Polyhedron*, **2006**, 25, 1618-1624	2.7	28
66	3-D indium(III)-btc channel frameworks and their ion-exchange properties (btc=1,3,5-benzenetricarboxylate). *Journal of Solid State Chemistry*, **2006**, 179, 1154-1160	3.3	21
65	Four novel porous frameworks constructed by formate ligand. *Microporous and Mesoporous Materials*, **2006**, 91, 215-220	5.3	27
64	Blue luminescent complexes based on 5-aminodiacetic isophthalic ligand. *Journal of Molecular Structure*, **2006**, 789, 220-224	3.4	16
63	New 3-d chiral framework of indium with 1,3,5-benzenetricarboxylate. *Inorganic Chemistry*, **2005**, 44, 73-6	5.1	128
62	Dynamic formation of coordination polymers versus tetragonal prisms and unexpected magnetic superexchange coupling mediated by encapsulated anions in the cobalt(II) 1,3-bis(pyrid-4-ylthio)propan-2-one series. *Inorganic Chemistry*, **2005**, 44, 9175-84	5.1	33
61	Syntheses and Crystal Structures of Copper(II) Coordination Polymers Comprising Discrete Helical Chains. *Crystal Growth and Design*, **2005**, 5, 251-256	3.5	114
60	Syntheses and Characterizations of Two 3D Cobalt□Organic Frameworks from 2D Honeycomb Building Blocks. *Crystal Growth and Design*, **2005**, 5, 1849-1855	3.5	128
59	Three Novel Cadmium(II) Complexes from Different Conformational 1,1□Biphenyl-3,3□dicarboxylate. *Crystal Growth and Design*, **2005**, 5, 129-135	3.5	151
58	pH-value-controlled assembly of photoluminescent zinc coordination polymers. *Inorganica Chimica Acta*, **2005**, 358, 3057-3064	2.7	54
57	Hierarchical assembly of a novel luminescent silver coordination framework with 4-(4-pyridylthiomethyl)benzoic acid. *Journal of Molecular Structure*, **2005**, 737, 55-59	3.4	22
56	Blue-greenish photoluminescent Gd(III) complexes with flexible succinate ligand. *Journal of Molecular Structure*, **2005**, 743, 21-27	3.4	26
55	X-ray structural study of lanthanide complexes with a p-tert-butylthiacalix[4]arene bearing phosphoryl pendant arms. *Journal of Molecular Structure*, **2005**, 752, 78-86	3.4	6
54	A luminescent polymeric silver(I) coordination tubular helicate. *Inorganic Chemistry Communication*, **2005**, 8, 529-532	3.1	12
53	A self-assembled molecular ladder with Cu(H2O)4 units as cross rungs. *Inorganic Chemistry Communication*, **2005**, 8, 539-542	3.1	13
52	Two photoluminescent coordination polymers based on naphthalene-1,4,5,8-tetracarboxylic acid 4,5-anhydride. *Inorganic Chemistry Communication*, **2005**, 8, 651-655	3.1	19
51	Two homochiral 3D supramolecular architectures assembled from 4,4?-bipyridine-bridged copper(II)-amino acid helical chains. *Inorganic Chemistry Communication*, **2005**, 8, 971-974	3.1	20

50	Two Novel Inorganic-Organic Hybrid Frameworks Based on InIII-BTC and InIII-BTEC. *European Journal of Inorganic Chemistry*, **2005**, 2005, 77-81	2.3	63
49	A Novel Two-Dimensional Layer Structure Built from a Tetracobalt(II)-p-sulfonatothiacalix[4]arene Cluster Unit. *European Journal of Inorganic Chemistry*, **2005**, 2005, 1182-1187	2.3	22
48	Effect of Conformation and Combination of 1,3-Bis(4-pyridylthio)propan-2-one upon Coordination Architectures: Syntheses, Characterizations and Properties. *European Journal of Inorganic Chemistry* , **2005**, 2005, 1303-1311	2.3	22
47	Mono- and Bilayered Lead(II)Bpno Polymers with Unusual Low Energy Emission Properties (bpno = 4,4'-Bipyridine N,N'-Dioxide). *European Journal of Inorganic Chemistry*, **2005**, 2005, 2054-2059	2.3	41
46	The 3D Channel Framework Based on Indium(III)Btec, and Its Ion-Exchange Properties (btec = 1,2,4,5-Benzenetetracarboxylate). *European Journal of Inorganic Chemistry*, **2005**, 2005, 1927-1931	2.3	91
45	Synthesis and Crystal Structures of Four Cyanide-Bridged Coordination Polymers. *European Journal of Inorganic Chemistry*, **2005**, 2005, 2181-2188	2.3	37
44	Self-Assembly of 1D to 3D Cadmium Complexes: Structural Characterization and Properties. *European Journal of Inorganic Chemistry*, **2005**, 2005, 3156-3166	2.3	36
43	Synthesis and Characterization of a 3D H-Bonded Supramolecular Complex with Chiral Channels Encapsulating 1D Left-Handed Helical Water Chains. *European Journal of Inorganic Chemistry*, **2005**, 2005, 3214-3216	2.3	33
42	Hydrothermal Synthesis, Crystal Structures, and Properties of a Class of 2D Coordination Polymers. *European Journal of Inorganic Chemistry*, **2005**, 2005, 4598-4606	2.3	23
41	Poly[[aquaneodymium(III)]-μ5-citrato]. *Acta Crystallographica Section E: Structure Reports Online*, **2005**, 61, m108-m109		6
40	Naphthalene-1,4,5,8-tetracarboxylic 1,8-anhydride. *Acta Crystallographica Section E: Structure Reports Online*, **2005**, 61, o1294-o1296		2
39	Tetraaquabis(4,6-dioxidopyrimidin-1-ium-κN)cobalt(II). *Acta Crystallographica Section E: Structure Reports Online*, **2005**, 61, m832-m834		2
38	Synthesis and structural characterization of a binuclear zirconium complex of tetraanionic p-tert-butylthiacalix[4]arene bridged by methanol. *Journal of Coordination Chemistry*, **2004**, 57, 1243-1249	1.6	7
37	Isomer separation, conformation control of flexible cyclohexanedicarboxylate ligand in cadmium complexes. *Chemical Communications*, **2004**, 2104-5	5.8	123
36	Bis[N-(4-hydroxybenzyl)-D,L-alaninato]copper(II) tetrahydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2004**, 60, m522-m523		2
35	Diaquabis(4,4?-bipyridineN,N?-dioxide-κO)bis(dicyanamido)cadmium(II). *Acta Crystallographica Section E: Structure Reports Online*, **2004**, 60, m713-m714		4
34	μ-4,4?-Bipyridine-bis[aqua(N-salicylideneaspartato)copper(II)]. *Acta Crystallographica Section E: Structure Reports Online*, **2004**, 60, m1976-m1977		4
33	Copper complex cation templated gadolinium(III)-isophthalate frameworks. *Angewandte Chemie - International Edition*, **2004**, 43, 5665-8	16.4	168

32	Copper Complex Cation Templated Gadolinium(III)Isophthalate Frameworks. *Angewandte Chemie*, **2004**, 116, 5783-5786	3.6	9
31	The Role of Spacers between Carboxylate Groups in Self-Assembly Process: Syntheses and Characterizations of Two Novel Cadmium(II) Complexes Derived from Mixed Ligands. *European Journal of Inorganic Chemistry*, **2004**, 2004, 37-43	2.3	57
30	Metal-Directed Self-Assembly: Two New Metal-Binicotinate Grid Polymeric Networks and Their Fluorescence Emission Tuned by Ligand Configuration. *European Journal of Inorganic Chemistry*, **2004**, 2004, 2695-2700	2.3	45
29	A Novel 3-D Self-Penetrating Topological Network Assembled by Mixed Bridging Ligands. *European Journal of Inorganic Chemistry*, **2004**, 2004, 2228-2231	2.3	38
28	Oxidation-State and Coordination-Site Specificity Influencing Dimensional Extension and Properties of Two Iron Complexes with Similar Helical Chains. *European Journal of Inorganic Chemistry*, **2004**, 2004, 4457-4462	2.3	24
27	A two-dimensional copper(II) coordination polymer comprising discrete left- and right-handed helical chains. *Journal of Molecular Structure*, **2004**, 694, 79-83	3.4	31
26	Syntheses, crystal structures and photoluminescence of two Cd(II) coordination polymers derived from a flexible bipyridyl ligand. *Journal of Molecular Structure*, **2004**, 705, 29-34	3.4	26
25	Two supramolecular architectures constructed from dinuclear zinc(II) unit. *Journal of Molecular Structure*, **2004**, 698, 87-91	3.4	8
24	A chiral supramolecular architecture [Cu2(4,4?-bipyridine)2 (sala)2]n□4.5nH2O(sala=N-(2-hydroxybenzyl)-l-alanine anion). *Journal of Molecular Structure*, **2004**, 707, 231-234	3.4	14
23	Anionic capsules of p-sulfonatothiacalix[4]arene with trivalent lanthanide ions and diaza-crown ether. *Polyhedron*, **2004**, 23, 2055-2061	2.7	10
22	Syntheses and structural characterization of trivalent lanthanide complexes of p-sulfonatothiacalix[4]arene. *Journal of Molecular Structure*, **2004**, 690, 63-68	3.4	16
21	A three-dimensional zinc(II) complex consisting of single metal centers and pentanuclear clusters bridged by 1,3,5-benzenetricarboxylate. *Journal of Molecular Structure*, **2004**, 694, 205-210	3.4	25
20	Design of metal-organic NLO materials: complexes derived from pyridine-3,4-dicarboxylate. *New Journal of Chemistry*, **2004**, 28, 1590	3.6	51
19	Syntheses and Characterizations of Coordination Polymers Constructed from 4-Pyridylacetic Acid. *Crystal Growth and Design*, **2004**, 4, 255-261	3.5	39
18	Self-Assembly of Three CdII- and CuII-Containing Coordination Polymers from 4,4?-Dipyridyl Disulfide. *European Journal of Inorganic Chemistry*, **2003**, 2003, 3623-3632	2.3	64
17	A novel 3D structure of Ag-1,4-cyclohexanedicarboxylate coordination framework. *Inorganic Chemistry Communication*, **2003**, 6, 1426-1428	3.1	29
16	Novel three-dimensional network of lanthanum(III) complex {[La2(BTA)6(4,4?-bpdo)1.5]□1.5H2O}n (BTA=benzoyltrifluoroacetone; 4,4?-bpdo=4,4?-bipyridine dioxide). *Journal of Molecular Structure*, **2003**, 646, 89-94	3.4	26
15	[Cu(dca)2(en)]n: a two-dimensional copper(II) coordination polymer with both □1,5-dca and pseudo-□1,3-dca bridges. *Journal of Molecular Structure*, **2003**, 658, 223-228	3.4	12

14	Hexaaquacobalt(II) bis(4-hydroxyisophthalate) tetrahydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2003**, 59, m294-m296		1
13	Diaqua(2,6-dioxo-1,2,3,6-tetrahydropyrimidine-4-carboxylato-κN3)(1,10-phenanthroline)zinc(II) dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2003**, 59, m470-m472		1
12	The chain structure ofcatena-poly[[(2,2?-bipyridine)cadmium(II)]-di-□-chloro]. *Acta Crystallographica Section E: Structure Reports Online*, **2003**, 59, m821-m823		6
11	A novel bilayer cobalt(II)-organic framework with nanoscale channels accommodating large organic molecules. *Inorganic Chemistry*, **2003**, 42, 4486-8	5.1	91
10	A novel nonlinear optically active tubular coordination network based on two distinct homo-chiral helices. *Chemical Communications*, **2003**, 2580-1	5.8	177
9	A Novel One-Dimensional Copper(II) Complex of a Carboxymethylated Tricyclic Azacrown Ether Derivative Linked by Hydrogen Bonding. *Journal of Coordination Chemistry*, **2003**, 56, 433-439	1.6	
8	Syntheses and structures of two novel copper complexes constructed from unusual planar tetracopper(II) SBUs. *Chemical Communications*, **2003**, 1528	5.8	84
7	5,11,17,23-Tetra-tert-butyl-25,26,27,28-tetrakis(2-cyanobenzyloxy)-2,8,14,20-tetrathiacalix[4]arene-dichloromethane (1/2). *Acta Crystallographica Section C: Crystal Structure Communications*, **2002**, 58, o376-7		1
6	Bilayer structure of tetrasodium thiacalix[4]arene tetrasulfonate. *Journal of Molecular Structure*, **2002**, 616, 241-246	3.4	42
5	Photo-assisted charge/discharge Li-organic battery with a charge-separated and redox-active C60@porous organic cage cathode. *Energy and Environmental Science*,	35.4	6
4	Microenvironments Enabled by Covalent Organic Framework Linkages for Modulating Active Metal Species in Photocatalytic CO 2 Reduction. *Advanced Functional Materials*,2110694	15.6	5
3	Special Issue of Covalent Organic Frameworks(COFs): Dimeric Calix[4]resorcinarene-based Porous Organic Cages for CO2/CH4 Separation. *Chemical Research in Chinese Universities*,1	2.2	0
2	Tunable Cage-Based Three-Dimensional Covalent Organic Frameworks. *CCS Chemistry*,3094-3104	7.2	7
1	A [Th 8 Co 8] Nanocage-Based Metal□Organic Framework with Extremely Narrow Window but Flexible Nature Enabling Dual-Sieving Effect for Both Isotope and Isomer Separation. *CCS Chemistry*,1115-1126	7.2	7