Jian Zhang

List of Publications by Citations

466 papers	20,154 citations	80 h-index	117 g-index
488 ext. papers	22,698 ext. citations	7.2 avg, IF	7.44 L-index

#	Paper	IF	Citations
466	Hybrid zeolitic imidazolate frameworks with catalytically active TO4 building blocks. *Angewandte Chemie - International Edition*, **2011**, 50, 450-3	16.4	320
465	Homochiral crystallization of microporous framework materials from achiral precursors by chiral catalysis. *Journal of the American Chemical Society*, **2008**, 130, 12882-3	16.4	301
464	Metal-organic frameworks based upon non-zeotype 4-connected topology. *Coordination Chemistry Reviews*, **2014**, 261, 1-27	23.2	273
463	A multifunctional helical Cu(I) coordination polymer with mechanochromic, sensing and photocatalytic properties. *Chemical Communications*, **2013**, 49, 5660-2	5.8	262
462	Water-Stable Metal□Organic Frameworks for Fast and High Dichromate Trapping via Single-Crystal-to-Single-Crystal Ion Exchange. *Chemistry of Materials*, **2015**, 27, 205-210	9.6	255
461	Doping copper into ZIF-67 for enhancing gas uptake capacity and visible-light-driven photocatalytic degradation of organic dye. *Journal of Materials Chemistry*, **2012**, 22, 21849		243
460	Multiroute synthesis of porous anionic frameworks and size-tunable extraframework organic cation-controlled gas sorption properties. *Journal of the American Chemical Society*, **2009**, 131, 16027-9	16.4	233
459	Luminescent MTN-type cluster-organic framework with 2.6 nm cages. *Journal of the American Chemical Society*, **2012**, 134, 17881-4	16.4	220
458	A simultaneous redox, alkylation, self-assembly reaction under solvothermal conditions afforded a luminescent copper(I) chain polymer constructed of Cu3I4- and EtS-4-C5H4N+Et components (Et = CH3CH2). *Journal of the American Chemical Society*, **2004**, 126, 7796-7	16.4	217
457	Zeolitic boron imidazolate frameworks. *Angewandte Chemie - International Edition*, **2009**, 48, 2542-5	16.4	208
456	Two-dimensional copper(I) coordination polymer materials as photocatalysts for the degradation of organic dyes. *Inorganic Chemistry*, **2013**, 52, 12-4	5.1	205
455	Versatile structure-directing roles of deep-eutectic solvents and their implication in the generation of porosity and open metal sites for gas storage. *Angewandte Chemie - International Edition*, **2009**, 48, 3486-90	16.4	205
454	Synthesis, structure, and luminescent properties of hybrid inorganic-organic framework materials formed by lead aromatic carboxylates: inorganic connectivity variation from 0D to 3D. *Inorganic Chemistry*, **2009**, 48, 6517-25	5.1	201
453	Design and synthesis of multifunctional metal-organic zeolites. *Chemical Society Reviews*, **2018**, 47, 2130-2144	58.5	199
452	Chiral chemistry of metal-camphorate frameworks. *Chemical Society Reviews*, **2016**, 45, 3122-44	58.5	188
451	Synthetic strategies, diverse structures and tuneable properties of polyoxo-titanium clusters. *Chemical Society Reviews*, **2018**, 47, 404-421	58.5	186
450	Enhanced photocatalytic hydrogen production activity via dual modification of MOF and reduced graphene oxide on CdS. *Chemical Communications*, **2014**, 50, 8533-5	5.8	186

449	Integrating the g-CN Nanosheet with B-H Bonding Decorated Metal-Organic Framework for CO Activation and Photoreduction. *ACS Nano*, **2018**, 12, 5333-5340	16.7	186
448	Integrated molecular chirality, absolute helicity, and intrinsic chiral topology in three-dimensional open-framework materials. *Journal of the American Chemical Society*, **2008**, 130, 17246-7	16.4	185
447	Zeolitic imidazolate framework as formaldehyde gas sensor. *Inorganic Chemistry*, **2014**, 53, 5411-3	5.1	183
446	Tuning structural topologies of three photoluminescent metal-organic frameworks via isomeric biphenyldicarboxylates. *Inorganic Chemistry*, **2012**, 51, 9677-82	5.1	181
445	Multiple functions of ionic liquids in the synthesis of three-dimensional low-connectivity homochiral and achiral frameworks. *Angewandte Chemie - International Edition*, **2008**, 47, 5434-7	16.4	177
444	Manganese and magnesium homochiral materials: decoration of honeycomb channels with homochiral chains. *Journal of the American Chemical Society*, **2007**, 129, 14168-9	16.4	177
443	Urothermal synthesis of crystalline porous materials. *Angewandte Chemie - International Edition*, **2010**, 49, 8876-9	16.4	172
442	An Ultrastable Europium(III)-Organic Framework with the Capacity of Discriminating Fe/Fe Ions in Various Solutions. *Inorganic Chemistry*, **2016**, 55, 10114-10117	5.1	166
441	A tale of three carboxylates: cooperative asymmetric crystallization of a three-dimensional microporous framework from achiral precursors. *Angewandte Chemie - International Edition*, **2010**, 49, 1267-70	16.4	163
440	Comparative Study of Homochiral and Racemic Chiral Metal-Organic Frameworks Built from Camphoric Acid. *Chemistry of Materials*, **2007**, 19, 5083-5089	9.6	158
439	Zeolite RHO-type net with the lightest elements. *Journal of the American Chemical Society*, **2009**, 131, 6111-3	16.4	155
438	Hydrothermal syntheses, crystal structures, and properties of a novel class of 3,3',4,4'-benzophenone-tetracarboxylate (BPTC) polymers. *Inorganic Chemistry*, **2004**, 43, 8085-91	5.1	152
437	A 3.6 nm Ti52-Oxo Nanocluster with Precise Atomic Structure. *Journal of the American Chemical Society*, **2016**, 138, 7480-3	16.4	150
436	Bandgap Engineering of Titanium-Oxo Clusters: Labile Surface Sites Used for Ligand Substitution and Metal Incorporation. *Angewandte Chemie - International Edition*, **2016**, 55, 5160-5	16.4	146
435	Anionic Lanthanide MOFs as a Platform for Iron-Selective Sensing, Systematic Color Tuning, and Efficient Nanoparticle Catalysis. *Inorganic Chemistry*, **2017**, 56, 1402-1411	5.1	141
434	Organic cation and chiral anion templated 3D homochiral open-framework materials with unusual square-planar {M(4)(OH)} units. *Angewandte Chemie - International Edition*, **2007**, 46, 8388-91	16.4	138
433	Hierarchical MoS Hollow Architectures with Abundant Mo Vacancies for Efficient Sodium Storage. *ACS Nano*, **2019**, 13, 5533-5540	16.7	134
432	Fullerene-like Polyoxotitanium Cage with High Solution Stability. *Journal of the American Chemical Society*, **2016**, 138, 2556-9	16.4	134

431	Pore partition effect on gas sorption properties of an anionic metal-organic framework with exposed Cu2+ coordination sites. *Chemical Communications*, **2011**, 47, 10647-9	5.8	132
430	Chiralization of diamond nets: stretchable helices and chiral and achiral nets with nearly identical unit cells. *Angewandte Chemie - International Edition*, **2007**, 46, 6115-8	16.4	131
429	Acid and Base Resistant Zirconium Polyphenolate-Metalloporphyrin Scaffolds for Efficient CO Photoreduction. *Advanced Materials*, **2018**, 30, 1704388	24	131
428	Using alkaline-earth metal ions to tune structural variations of 1,3,5-benzenetricarboxylate coordination polymers. *Dalton Transactions*, **2013**, 42, 2294-301	4.3	129
427	MOF-Templated Synthesis of Ultrasmall Photoluminescent Carbon-Nanodot Arrays for Optical Applications. *Angewandte Chemie - International Edition*, **2017**, 56, 6853-6858	16.4	128
426	Topology analysis and nonlinear-optical-active properties of luminescent metal-organic framework materials based on zinc/lead isophthalates. *Inorganic Chemistry*, **2008**, 47, 8286-93	5.1	128
425	Interrupted zeolite LTA and ATN-type boron imidazolate frameworks. *Journal of the American Chemical Society*, **2011**, 133, 11884-7	16.4	126
424	pH Influence on the Structural Variations of 4,4?-Oxydiphthalate Coordination Polymers. *Crystal Growth and Design*, **2012**, 12, 333-345	3.5	122
423	A polar luminescent Zn polymer containing an unusual noninterpenetrated utp net. *Inorganic Chemistry*, **2006**, 45, 3161-3	5.1	121
422	In situ synthesis of n□ Bi2MoO6 & Bi2S3 heterojunctions for highly efficient photocatalytic removal of Cr(VI). *Journal of Materials Chemistry A*, **2018**, 6, 22580-22589	13	119
421	Alkaline earth metal ion doped Zn(II)-terephthalates. *CrystEngComm*, **2012**, 14, 4843	3.3	118
420	Cobalt Boron Imidazolate Framework Derived Cobalt Nanoparticles Encapsulated in B/N Codoped Nanocarbon as Efficient Bifunctional Electrocatalysts for Overall Water Splitting. *Advanced Functional Materials*, **2018**, 28, 1801136	15.6	115
419	Cluster-Organic Framework Materials as Heterogeneous Catalysts for High Efficient Addition Reaction of Diethylzinc to Aromatic Aldehydes. *Chemistry of Materials*, **2012**, 24, 4711-4716	9.6	111
418	Three-dimensional open framework built from Cu-S icosahedral clusters and its photocatalytic property. *Journal of the American Chemical Society*, **2008**, 130, 15238-9	16.4	111
417	Lanthanide-thiophene-2,5-dicarboxylate frameworks: ionothermal synthesis, helical structures, photoluminescent properties, and single-crystal-to-single-crystal guest exchange. *Inorganic Chemistry*, **2012**, 51, 523-30	5.1	109
416	Highly selective and sensitive trimethylamine gas sensor based on cobalt imidazolate framework material. *ACS Applied Materials & Interfaces*, **2014**, 6, 22871-5	9.5	108
415	Tunable MoS2/SnO2 P□N Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 12375-12384	8.3	106
414	Isolated Square-Planar Copper Center in Boron Imidazolate Nanocages for Photocatalytic Reduction of CO to CO. *Angewandte Chemie - International Edition*, **2019**, 58, 11752-11756	16.4	105

413	Tuning a layer to a pillared-layer metal-organic framework for adsorption and separation of light hydrocarbons. *Chemical Communications*, **2013**, 49, 11323-5	5.8	105
412	Three-dimensional homochiral transition-metal camphorate architectures directed by a flexible auxiliary ligand. *Inorganic Chemistry*, **2008**, 47, 3495-7	5.1	104
411	Water-Stable Metal-Organic Frameworks with Selective Sensing on Fe and Nitroaromatic Explosives, and Stimuli-Responsive Luminescence on Lanthanide Encapsulation. *Inorganic Chemistry* , **2019**, 58, 1481-1491	5.1	102
410	Water-Soluble and Ultrastable TiL Tetrahedron with Coordination Assembly Function. *Journal of the American Chemical Society*, **2017**, 139, 16845-16851	16.4	101
409	A Confined Fabrication of Perovskite Quantum Dots in Oriented MOF Thin Film. *ACS Applied Materials & Interfaces*, **2016**, 8, 28737-28742	9.5	99
408	Synthesis, structure, and physical properties of a new anions-controlled Cd(II)-guanazole (3,5-diamino-1,2,4-triazole) hybrid family. *Inorganic Chemistry*, **2008**, 47, 4861-76	5.1	98
407	Chiral semiconductor frameworks from cadmium sulfide clusters. *Journal of the American Chemical Society*, **2007**, 129, 8412-3	16.4	97
406	Gas sorption, second-order nonlinear optics, and luminescence properties of a series of lanthanide-organic frameworks based on nanosized tris((4-carboxyl)phenylduryl)amine ligand. *Inorganic Chemistry*, **2013**, 52, 12758-62	5.1	94
405	Absolute helicity induction in three-dimensional homochiral frameworks. *Chemical Communications*, **2009**, 206-8	5.8	94
404	Temperature dependent charge distribution in three-dimensional homochiral cadmium camphorates. *Chemical Communications*, **2008**, 444-6	5.8	94
403	Host-Guest Chirality Interplay: A Mutually Induced Formation of a Chiral ZMOF and Its Double-Helix Polymer Guests. *Journal of the American Chemical Society*, **2016**, 138, 786-9	16.4	93
402	A Series of Ca(II) or Ba(II) Inorganic□Organic Hybrid Frameworks Based on Aromatic Polycarboxylate Ligands with the Inorganic M□□ (M = Ca, Ba) Connectivity from 1D to 3D. *Crystal Growth and Design*, **2012**, 12, 3231-3238	3.5	92
401	Epitaxial growth of oriented prussian blue analogue derived well-aligned CoFe2O4 thin film for efficient oxygen evolution reaction. *Applied Catalysis B: Environmental*, **2019**, 245, 1-9	21.8	91
400	Synthetic design of functional boron imidazolate frameworks. *Coordination Chemistry Reviews*, **2016**, 307, 255-266	23.2	89
399	Highly active nonprecious metal hydrogen evolution electrocatalyst: ultrafine molybdenum carbide nanoparticles embedded into a 3D nitrogen-implanted carbon matrix. *NPG Asia Materials*, **2016**, 8, e293-e293	10.3	89
398	Charge matching on designing neutral cadmium-lanthanide-organic open frameworks for luminescence sensing. *Chemistry - an Asian Journal*, **2012**, 7, 1069-73	4.5	89
397	Supramolecular Isomerism and Various Chain/Layer Substructures in Silver(I) Compounds: Syntheses, Structures, and Luminescent Properties. *Crystal Growth and Design*, **2009**, 9, 4884-4896	3.5	89
396	Assembling Polyoxo-Titanium Clusters and CdS Nanoparticles to a Porous Matrix for Efficient and Tunable H -Evolution Activities with Visible Light. *Advanced Materials*, **2017**, 29, 1603369	24	88

395	Highly efficient C-H oxidative activation by a porous Mn(III) -porphyrin metal-organic framework under mild conditions. *Chemistry - A European Journal*, **2013**, 19, 14316-21	4.8	88
394	New Zeolitic Imidazolate Frameworks: From Unprecedented Assembly of Cubic Clusters to Ordered Cooperative Organization of Complementary Ligands. *Chemistry of Materials*, **2008**, 20, 7377-7382	9.6	87
393	Dynamic microporous indium(III)-4,4'-oxybis(benzoate) framework with high selectivity for the adsorption of CO2 over N2. *Chemical Communications*, **2011**, 47, 770-2	5.8	85
392	Interweaving 3D network with double helical tubes filled by 1D coordination polymer chains. *Inorganic Chemistry*, **2004**, 43, 6525-7	5.1	85
391	A new approach towards tetrahedral imidazolate frameworks for high and selective CO2 uptake. *Chemical Communications*, **2011**, 47, 5828-30	5.8	83
390	Role of molar-ratio, temperature and solvent on the Zn/Cd 1,2,4-triazolate system with novel topological architectures. *CrystEngComm*, **2011**, 13, 3536	3.3	82
389	Ionothermal synthesis of homochiral framework with acetate-pillared cobalt-camphorate architecture. *Inorganic Chemistry*, **2008**, 47, 5567-9	5.1	82
388	Multifunctional homochiral lanthanide camphorates with mixed achiral terephthalate ligands. *Inorganic Chemistry*, **2010**, 49, 9257-64	5.1	81
387	A 3-D noninterpenetrating diamondoid network of a decanuclear copper(I) complex. *Inorganic Chemistry*, **2005**, 44, 3386-8	5.1	81
386	Surface step decoration of isolated atom as electron pumping: Atomic-level insights into visible-light hydrogen evolution. *Nano Energy*, **2018**, 45, 109-117	17.1	80
385	Isomerism in Titanium-Oxo Clusters: Molecular Anatase Model with Atomic Structure and Improved Photocatalytic Activity. *Angewandte Chemie - International Edition*, **2019**, 58, 1320-1323	16.4	78
384	Epitaxial growth and applications of oriented metal–organic framework thin films. *Coordination Chemistry Reviews*, **2019**, 378, 513-532	23.2	78
383	Metal-organic frameworks for electrochemical reduction of carbon dioxide: The role of metal centers. *Journal of Energy Chemistry*, **2020**, 40, 156-170	12	75
382	Induction in urothermal synthesis of chiral porous materials from achiral precursors. *Chemical Communications*, **2011**, 47, 4950-2	5.8	74
381	Anion-Induced Coordination Versatility of 1H-1,2,4-Triazole-3-thiol (HtrzSH) Affording a New Hybrid System of Cadmium(II) Polymers: Synthesis, Structure, and Luminescent Properties. *Crystal Growth and Design*, **2008**, 8, 2562-2573	3.5	72
380	Chiral Porous Metacrystals: Employing Liquid-Phase Epitaxy to Assemble Enantiopure Metal-Organic Nanoclusters into Molecular Framework Pores. *ACS Nano*, **2016**, 10, 977-83	16.7	71
379	Open diamondoid amino-functionalized MOFs for CO2 capture. *Chemical Communications*, **2012**, 48, 4843-4	5.8	71
378	Highly selective sorption of small hydrocarbons and photocatalytic properties of three metal-organic frameworks based on tris(4-(1H-imidazol-1-yl)phenyl)amine ligand. *Inorganic Chemistry*, **2014**, 53, 4209-14	5.1	70

377	Organically templated metal-organic framework with 2-fold interpenetrated {3(3).5(9).6(3)}-lcy net. *Chemical Communications*, **2008**, 2532-4	5.8	70
376	Tuning MOF stability and porosity via adding rigid pillars. *Inorganic Chemistry*, **2012**, 51, 9649-54	5.1	69
375	Tunable Synthesis of Hollow Metal-Nitrogen-Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. *ACS Nano*, **2019**, 13, 8087-8098	16.7	68
374	Atomically Precise Multimetallic Semiconductive Nanoclusters with Optical Limiting Effects. *Angewandte Chemie - International Edition*, **2018**, 57, 11252-11256	16.4	68
373	CuI Cluster-Based Organic Frameworks with Unusual 4- and 5-Connected Topologies. *Crystal Growth and Design*, **2011**, 11, 29-32	3.5	68
372	A new approach towards zeolitic tetrazolate-imidazolate frameworks (ZTIFs) with uncoordinated N-heteroatom sites for high CO2 uptake. *Chemical Communications*, **2014**, 50, 12065-8	5.8	65
371	Breaking the mirror: pH-controlled chirality generation from a meso ligand to a racemic ligand. *Chemistry - A European Journal*, **2009**, 15, 989-1000	4.8	65
370	A new zeolitic topology with sixteen-membered ring and multidimensional large pore channels. *Chemistry - A European Journal*, **2008**, 14, 7771-3	4.8	65
369	Unusual parallel entanglement of metal□rganic 2D frameworks with coexistence of polyrotaxane, polycatenane and interdigitation. *CrystEngComm*, **2009**, 11, 1030	3.3	64
368	1D chain structure, NLO and luminescence properties of. *Inorganic Chemistry Communication*, **2004**, 7, 1139-1141	3.1	64
367	Stable Mg-Metal□Organic Framework (MOF) and Unstable Zn-MOF Based on Nanosized Tris((4-carboxyl)phenylduryl)amine Ligand. *Crystal Growth and Design*, **2013**, 13, 6-9	3.5	63
366	A rare metal□rganic 3D architecture with a pseudo-primitive cubic topology with double edges constructed from a 12-connected SBU. *New Journal of Chemistry*, **2005**, 29, 995	3.6	62
365	Tuning structural topologies of four Ni(II) coordination polymers through modifying the substitute group of organic ligand. *CrystEngComm*, **2013**, 15, 6191	3.3	61
364	High Color Rendering Index White-Light Emission from UV-Driven LEDs Based on Single Luminescent Materials: Two-Dimensional Perovskites (CHCHNH)PbBr Cl. *ACS Applied Materials & Interfaces*, **2018**, 10, 15980-15987	9.5	60
363	Surface modification of polyoxometalate host-guest supramolecular architectures: from metal-organic pseudorotaxane framework to molecular box. *Chemical Communications*, **2011**, 47, 4150-2	5.8	59
362	In Situ Synthesis of Tetradentate Dye for Construction of Three-Dimensional Homochiral Phosphor. *Chemistry of Materials*, **2008**, 20, 5457-5459	9.6	59
361	Hollow Cu□iO2/C nanospheres derived from a Ti precursor encapsulated MOF coating for efficient photocatalytic hydrogen evolution. *Journal of Materials Chemistry A*, **2018**, 6, 7175-7181	13	56
360	Guest inducing fluorescence switching in lanthanide□ris((4-carboxyl)phenylduryl)amine frameworks integrating porosity and flexibility. *Journal of Materials Chemistry C*, **2014**, 2, 4436	7.1	56

359	Microporous zinc tris[(4-carboxyl)phenylduryl]amine framework with an unusual topological net for gas storage and separation. *Inorganic Chemistry*, **2012**, 51, 1995-7	5.1	56
358	A novel ligand-unsupported 3D framework polymer of trimeric copper(I) and its NLO property. *Chemical Communications*, **2004**, 1046-7	5.8	56
357	A new open framework material based on designed semi-rigid T-shaped tricarboxylate ligand. *Inorganic Chemistry Communication*, **2011**, 14, 986-989	3.1	54
356	Conformation preference of a flexible cyclohexanetetracarboxylate ligand in three new metal-organic frameworks: structures, magnetic and luminescent properties. *Inorganic Chemistry*, **2009**, 48, 7194-200	5.1	54
355	Interface engineered in situ anchoring of CoS nanoparticles into a multiple doped carbon matrix: highly efficient zinc-air batteries. *Nanoscale*, **2018**, 10, 2649-2657	7.7	53
354	Integration of rigid and flexible organic parts for the construction of a homochiral metal-organic framework with high porosity. *Chemical Communications*, **2015**, 51, 2565-8	5.8	52
353	General Synthetic Strategy for Libraries of Supported Multicomponent Metal Nanoparticles. *ACS Nano*, **2018**, 12, 4594-4604	16.7	52
352	A surface-mounted MOF thin film with oriented nanosheet arrays for enhancing the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2019**, 7, 18519-18528	13	52
351	Dual-Emission SG7@MOF Sensor via SC-SC Transformation: Enhancing the Formation of Excimer Emission and the Range and Sensitivity of Detection. *ACS Applied Materials & Interfaces*, **2018**, 10, 18012-18020	9.5	51
350	Structural diversity and photoluminescent properties of zinc benzotriazole-5-carboxylate coordination polymers. *Inorganic Chemistry*, **2014**, 53, 1500-6	5.1	51
349	N-donor ligands enhancing luminescence properties of seven Zn/Cd(II) MOFs based on a large rigid □conjugated carboxylate ligand. *CrystEngComm*, **2015**, 17, 9155-9166	3.3	51
348	Cadmium□Porphyrin Coordination Networks: Rich Coordination Modes and Three-Dimensional Four-Connected CdSO4and (3,5)-Connected hms Nets. *Crystal Growth and Design*, **2007**, 7, 2576-2581	3.5	51
347	Redox-active Cu(I) boron imidazolate framework for mechanochromic and catalytic applications. *Chemical Communications*, **2014**, 50, 8754-6	5.8	50
346	Variable Lithium Coordination Modes in Two- and Three-Dimensional Lithium Boron Imidazolate Frameworks. *Chemistry of Materials*, **2009**, 21, 3830-3837	9.6	50
345	Paratactic Assembly of Two Distinct Units into a Unique 3D Architecture. *Crystal Growth and Design*, **2005**, 5, 1313-1315	3.5	50
344	Nucleotide-catalyzed conversion of racemic zeolite-type zincophosphate into enantioenriched crystals. *Angewandte Chemie - International Edition*, **2009**, 48, 6049-51	16.4	49
343	Facile synthesis of bimetal Au-Ag nanoparticles in a Cu(I) boron imidazolate framework with mechanochromic properties. *Chemical Communications*, **2015**, 51, 1353-5	5.8	48
342	Homochiral porous metal□organic frameworks containing only achiral building blocks for enantioselective separation. *Journal of Materials Chemistry*, **2012**, 22, 16288		48

341	Tuning structural topologies of five photoluminescent Cd(II) coordination polymers through modifying the substitute group of organic ligand. *Journal of Solid State Chemistry*, **2013**, 199, 42-48	3.3	47
340	A Highly Energetic N-Rich Metal-Organic Framework as a New High-Energy-Density Material. *Chemistry - A European Journal*, **2016**, 22, 1141-5	4.8	47
339	Epitaxial Growth of MOF Thin Film for Modifying the Dielectric Layer in Organic Field-Effect Transistors. *ACS Applied Materials & Interfaces*, **2017**, 9, 7259-7264	9.5	46
338	Gas Sorption, Second-Order Nonlinear Optics, and Luminescence Properties of a Multifunctional srs-Type Metal-Organic Framework Built by Tris(4-carboxylphenylduryl)amine. *Inorganic Chemistry*, **2015**, 54, 6653-6	5.1	46
337	Multifunctional anionic MOF material for dye enrichment and selective sorption of C2 hydrocarbons over methane via Ag(+)-exchange. *Inorganic Chemistry*, **2014**, 53, 12973-6	5.1	46
336	Comparative study of activation methods on tuning gas sorption properties of a metal-organic framework with nanosized ligands. *Inorganic Chemistry*, **2012**, 51, 11232-4	5.1	46
335	Spontaneous asymmetrical crystallization of a three-dimensional diamondoid framework material from achiral precursors. *Chemical Communications*, **2010**, 46, 1449-51	5.8	46
334	Spontaneous resolution of racemic camphorates in the formation of three-dimensional metal-organic frameworks. *Inorganic Chemistry*, **2009**, 48, 6356-8	5.1	46
333	Syntheses, Structures and Characterisation of Two CuII Polymers with 8-Connected Topologies Based on Highly Connected SBUs. *European Journal of Inorganic Chemistry*, **2006**, 2006, 2253-2258	2.3	46
332	Liquid-phase epitaxial growth of a homochiral MOF thin film on poly(L-DOPA) functionalized substrate for improved enantiomer separation. *Chemical Communications*, **2016**, 52, 772-5	5.8	45
331	Porous ctn-type boron imidazolate framework for gas storage and separation. *Chemistry - A European Journal*, **2013**, 19, 11527-30	4.8	45
330	Zeolitic BIF crystal directly producing noble-metal nanoparticles in its pores for catalysis. *Scientific Reports*, **2014**, 4, 3923	4.9	44
329	A water-stable zeolite-like metal□organic framework for selective separation of organic dyes. *RSC Advances*, **2014**, 4, 1480-1483	3.7	44
328	Zinc(II)-boron(III)-imidazolate framework (ZBIF) with unusual pentagonal channels prepared from deep eutectic solvent. *Dalton Transactions*, **2010**, 39, 697-9	4.3	44
327	Neutral and reduced Roussin's red salt ester [Fe(2)(mu-RS)(2)(NO)(4)] (R = n-Pr, t-Bu, 6-methyl-2-pyridyl and 4,6-dimethyl-2-pyrimidyl): synthesis, X-ray crystal structures, spectroscopic, electrochemical and density functional theoretical investigations. *Dalton Transactions*, **2009**, 777-86	4.3	44
326	Anionic metal-organic framework for adsorption and separation of light hydrocarbons. *Inorganic Chemistry*, **2015**, 54, 3093-5	5.1	43
325	Homochiral metal-organic frameworks with enantiopure proline units for the catalytic synthesis of □-lactams. *Inorganic Chemistry*, **2014**, 53, 12199-204	5.1	43
324	Titanium□Oxo Cluster Based Precise Assembly for Multidimensional Materials. *Chemistry of Materials*, **2017**, 29, 2681-2684	9.6	42

323	Two luminescent Cu(I) coordination polymers based on the 1-(4-tetrazolephenyl)imidazole ligand for sensing of nitrobenzene. *Inorganic Chemistry Frontiers*, **2014**, 1, 389	6.8	42
322	Ionothermal synthesis of chiral metal phosphite open frameworks with in situ generated organic templates. *Inorganic Chemistry*, **2013**, 52, 5654-6	5.1	42
321	The photoluminescence and gas sorption properties of three Cd(II) MOFs based on 1,3,5-benzenetribenzoate with -NH2 or -OH groups. *Dalton Transactions*, **2014**, 43, 4668-73	4.3	41
320	Structure versatility of coordination polymers constructed from a semirigid ligand and polynuclear metal clusters. *CrystEngComm*, **2014**, 16, 8047-8057	3.3	41
319	A stable zinc-4-carboxypyrazole framework with high uptake and selectivity of light hydrocarbons. *Dalton Transactions*, **2015**, 44, 2893-6	4.3	41
318	Deliberate design of a neutral heterometallic organic framework containing a record 25-fold interpenetrating diamondoid network. *CrystEngComm*, **2012**, 14, 6359	3.3	41
317	New mimic of zeolite: heterometallic organic host framework accommodating inorganic cations. *Chemical Communications*, **2010**, 46, 3182-4	5.8	40
316	A ligand-conformation driving chiral generation and symmetry-breaking crystallization of a zinc(II) organoarsonate. *Chemical Communications*, **2011**, 47, 8862-4	5.8	40
315	In Situ Obtained Cu(II) Compound with Coexistence of Polycatenation and Polythreading. *Crystal Growth and Design*, **2009**, 9, 20-23	3.5	40
314	A structure-directing method to prepare semiconductive zeolitic cluster-organic frameworks with Cu3I4 building units. *Chemical Communications*, **2015**, 51, 8994-7	5.8	39
313	Zeolitic metal-organic frameworks based on amino acid. *Inorganic Chemistry*, **2014**, 53, 10027-9	5.1	39
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