

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

380 papers	16,837 citations	73 h-index	109 g-index
397 ext. papers	18,212 ext. citations	4.9 avg, IF	6.99 L-index

#	Paper	IF	Citations
380	Heterostructured hybrids of metal-organic frameworks (MOFs) and covalent-organic frameworks (COFs). <i>Journal of Materials Chemistry A</i> , 2022 , 10, 475-507	13	9
379	A new strategy for the development of efficient impedimetric tobramycin aptasensors with metallo-covalent organic frameworks (MCOFs). <i>Food Chemistry</i> , 2022 , 366, 130575	8.5	15
378	Electrochemical aptasensing strategy based on a multivariate polymertitanium-metal-organic framework for zearalenone analysis.. <i>Food Chemistry</i> , 2022 , 385, 132654	8.5	1
377	MOF@COF Heterostructure Hybrid for Dual-Mode Photoelectrochemical-Electrochemical HIV-1 DNA Sensing. <i>Langmuir</i> , 2021 , 37, 13479-13492	4	6
376	Conjugated bimetallic cobalt/iron polyphthalocyanine as an electrochemical aptasensing platform for impedimetric determination of enrofloxacin in diverse environments. <i>Mikrochimica Acta</i> , 2021 , 188, 432	5.8	2
375	Efficient Ag/Ag ₂ O-Doped Cobalt Metallo-Covalent Organic Framework Electrocatalysts for Rechargeable Zinc-Air Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 5872-5883	8.3	7
374	Two-dimensional triazine-based porous framework as a novel metal-free bifunctional electrocatalyst for zinc-air batty. <i>Journal of Colloid and Interface Science</i> , 2021 , 591, 253-263	9.3	6
373	Novel impedimetric sensing strategy for detecting ochratoxin A based on NH-MIL-101(Fe) metal-organic framework doped with cobalt phthalocyanine nanoparticles. <i>Food Chemistry</i> , 2021 , 351, 129248	8.5	16
372	A label-free enrofloxacin electrochemical aptasensor constructed by a semiconducting CoNi-based metal-organic framework (MOF). <i>Electrochimica Acta</i> , 2021 , 368, 137609	6.7	25
371	Metal-organic frameworks (MOFs) based electrochemical biosensors for early cancer diagnosis in vitro. <i>Coordination Chemistry Reviews</i> , 2021 , 439, 213948	23.2	46
370	Direct growth of two-dimensional phthalocyanine-based COF on Cu-MOF to construct a photoelectrochemical-electrochemical dual-mode biosensing platform for high-efficiency determination of Cr(III). <i>Dalton Transactions</i> , 2021 , 50, 14285-14295	4.3	2
369	Circularly Polarized Room-Temperature Phosphorescence and Encapsulation Engineering for MOF-Based Fluorescent/Phosphorescent White Light-Emitting Devices. <i>Advanced Optical Materials</i> , 2020 , 8, 2000330	8.1	47
368	Efficient multifunctional electrocatalyst based on 2D semiconductive bimetallic metal-organic framework toward non-Pt methanol oxidation and overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 10-23	9.3	27
367	Metal and Co-Catalyst Free CO ₂ Conversion with a Bifunctional Covalent Organic Framework (COF). <i>ChemCatChem</i> , 2020 , 12, 5192-5199	5.2	5
366	Boosting Activity on Co ₄ N Porous Nanosheet by Coupling CeO ₂ for Efficient Electrochemical Overall Water Splitting at High Current Densities. <i>Advanced Functional Materials</i> , 2020 , 30, 1910596	15.6	110
365	A Highly Efficient Coordination Polymer for Selective Trapping and Sensing of Perrhenate/Pertechnetate. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15246-15254	9.5	24
364	Surface Engineering on Nickel-Ruthenium Nanoalloys Attached Defective Carbon Sites as Superior Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13842-13851	9.5	16

363	Ultrasensitive detection of bisphenol A under diverse environments with an electrochemical aptasensor based on multicomponent AgMo heteronanostructure. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128527	8.5	50
362	Nonenzymatic amperometric sensor for hydrogen peroxide released from living cancer cells based on hierarchical NiCoO-CoNiO hybrids embedded in partially reduced graphene oxide. <i>Mikrochimica Acta</i> , 2020 , 187, 436	5.8	11
361	PEGMA-modified bimetallic NiCo Prussian blue analogue doped with Tb(III) ions: Efficiently pH-responsive and controlled release system for anticancer drug. <i>Chemical Engineering Journal</i> , 2020 , 389, 124468	14.7	48
360	A bimetallic CoNi-based metal-organic framework as efficient platform for label-free impedimetric sensing toward hazardous substances. <i>Sensors and Actuators B: Chemical</i> , 2020 , 311, 127927	8.5	20
359	Nickel-ruthenium nanoalloy encapsulated in mesoporous carbon as active electrocatalysts for highly efficient overall water splitting in alkaline solution. <i>Electrochimica Acta</i> , 2020 , 334, 135653	6.7	2
358	Structural hybridization of bimetallic zeolitic imidazolate framework (ZIF) nanosheets and carbon nanofibers for efficiently sensing β -synuclein oligomers. <i>Sensors and Actuators B: Chemical</i> , 2020 , 309, 127821	8.5	80
357	Bionic Design of a Mo(IV)-Doped FeS ₂ Catalyst for Electroreduction of Dinitrogen to Ammonia. <i>ACS Catalysis</i> , 2020 , 10, 4914-4921	13.1	50
356	Bimetallic MnCo oxide nanohybrids prepared from Prussian blue analogue for application as impedimetric aptasensor carrier to detect myoglobin. <i>Chemical Engineering Journal</i> , 2020 , 395, 125117	14.7	13
355	Multicomponent zirconium-based metal-organic frameworks for impedimetric aptasensing of living cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2020 , 306, 127608	8.5	24
354	Semiconducting CuNi(hexahydroxytriphenylene) framework for electrochemical aptasensing of C6 glioma cells and epidermal growth factor receptor. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9951-9960	7.3	10
353	Optimizing Strategy for Enhancing the Stability and TcO Sequestration of Poly(ionic liquids)@MOFs Composites. <i>ACS Central Science</i> , 2020 , 6, 2354-2361	16.8	12
352	Hybrid Nanosheet Arrays: Boosting Activity on Co ₄ N Porous Nanosheet by Coupling CeO ₂ for Efficient Electrochemical Overall Water Splitting at High Current Densities (Adv. Funct. Mater. 32/2020). <i>Advanced Functional Materials</i> , 2020 , 30, 2070213	15.6	0
351	CoOx/CoNy nanoparticles encapsulated carbon-nitride nanosheets as an efficiently trifunctional electrocatalyst for overall water splitting and Zn-air battery. <i>Applied Catalysis B: Environmental</i> , 2020 , 279, 119407	21.8	111
350	Rhodium-catalyzed multiple C-H activation/highly -selective C-H amination between amidines and alkynes. <i>Chemical Communications</i> , 2020 , 56, 11227-11230	5.8	6
349	Coupling NiCo Alloy and CeO ₂ to Enhance Electrocatalytic Hydrogen Evolution in Alkaline Solution. <i>Advanced Sustainable Systems</i> , 2020 , 4, 2000122	5.9	11
348	Construction of electrochemical aptasensors with Ag(I) metal-organic frameworks toward high-efficient detection of ultra-trace penicillin. <i>Applied Surface Science</i> , 2020 , 531, 147342	6.7	23
347	Secondary template-free synthesis of hierarchical beta zeolite nanocrystals with tunable porosity and size. <i>Microporous and Mesoporous Materials</i> , 2020 , 309, 110448	5.3	0
346	Hierarchically Nanoporous TS-1 Zeolites for Catalytic Oxidation Desulfurization of Liquid Fuels. <i>ACS Applied Nano Materials</i> , 2020 , 3, 9393-9400	5.6	5

345	Hierarchically structured hollow bimetallic ZnNi MOF microspheres as a sensing platform for adenosine detection. <i>Sensors and Actuators B: Chemical</i> , 2020 , 303, 127199	8.5	26
344	Palladium-Catalyzed C-N Bond Cleavage of 2 H-Azirines for the Synthesis of Functionalized Amido Ketones. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2200-2208	4.2	9
343	A water-stable Eu-based MOF as a dual-emission luminescent sensor for discriminative detection of nitroaromatic pollutants. <i>Dalton Transactions</i> , 2019 , 48, 1843-1849	4.3	68
342	Ultra-highly selective trapping of perrhenate/pertechnetate by a flexible cationic coordination framework. <i>Chemical Communications</i> , 2019 , 55, 1841-1844	5.8	30
341	Rational Construction of an Exceptionally Stable MOF Catalyst with Metal-Adeninate Vertices toward CO Cycloaddition under Mild and Cocatalyst-Free Conditions. <i>Chemistry - A European Journal</i> , 2019 , 25, 11474-11480	4.8	29
340	A bimetallic (Cu-Co) Prussian Blue analogue loaded with gold nanoparticles for impedimetric aptasensing of ochratoxin a. <i>Mikrochimica Acta</i> , 2019 , 186, 343	5.8	38
339	Dual-Functionalized Mixed Keggin- and Lindqvist-Type Cu-Based POM@MOF for Visible-Light-Driven H and O Evolution. <i>Inorganic Chemistry</i> , 2019 , 58, 7229-7235	5.1	75
338	Bimetallic ZrHf-based metal-organic framework embedded with carbon dots: Ultra-sensitive platform for early diagnosis of HER2 and HER2-overexpressed living cancer cells. <i>Biosensors and Bioelectronics</i> , 2019 , 134, 8-15	11.8	67
337	Covalent organic framework-based electrochemical aptasensors for the ultrasensitive detection of antibiotics. <i>Biosensors and Bioelectronics</i> , 2019 , 132, 8-16	11.8	137
336	Encapsulation of an Ionic Metalloporphyrin into a Zeolite Imidazolate Framework in situ for CO Chemical Transformation via Host-Guest Synergistic Catalysis. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 958-962	4.5	24
335	Doubly Interpenetrated Zn ₄ O-Based Metal-Organic Framework for CO ₂ Chemical Transformation and Antibiotic Sensing. <i>Crystal Growth and Design</i> , 2019 , 19, 5228-5236	3.5	23
334	A multiple aptasensor for ultrasensitive detection of miRNAs by using covalent-organic framework nanowire as platform and shell-encoded gold nanoparticles as signal labels. <i>Analytica Chimica Acta</i> , 2019 , 1082, 176-185	6.6	28
333	Nanoporous Gold Embedded ZIF Composite for Enhanced Electrochemical Nitrogen Fixation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15362-15366	16.4	97
332	Hierarchical nanocomposite electrocatalyst of bimetallic zeolitic imidazolate framework and MoS ₂ sheets for non-Pt methanol oxidation and water splitting. <i>Applied Catalysis B: Environmental</i> , 2019 , 258, 117970	21.8	136
331	Construction of Tb-MOF-on-Fe-MOF conjugate as a novel platform for ultrasensitive detection of carbohydrate antigen 125 and living cancer cells. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111536	11.8	106
330	A microporous mixed-metal (Na/Cu) mixed-ligand (flexible/rigid) metal-organic framework for photocatalytic H ₂ generation. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 10211-10217	7.1	17
329	Bifunctional bioplatfrom based on NiCo Prussian blue analogue: Label-free impedimetric aptasensor for the early detection of carcino-embryonic antigen and living cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2019 , 298, 126852	8.5	33
328	Mechanism-Property Correlation in Coordination Polymer Crystals toward Design of a Superior Sorbent. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 42375-42384	9.5	15

327	Nanoporous Gold Embedded ZIF Composite for Enhanced Electrochemical Nitrogen Fixation. <i>Angewandte Chemie</i> , 2019 , 131, 15506-15510	3.6	42
326	Divergent Structural Transformations in 3D Ag(I) Porous Coordination Polymers Induced by Solvent and Anion Exchanges. <i>Crystal Growth and Design</i> , 2019 , 19, 2235-2244	3.5	9
325	Titanium dioxide encapsulated carbon-nitride nanosheets derived from MXene and melamine-cyanuric acid composite as a multifunctional electrocatalyst for hydrogen and oxygen evolution reaction and oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2019 , 248, 366-379	21.8	149
324	A Cyclodextrin-based metal-organic framework embedded with graphene quantum dots and modified with PEGMA via SI-ATRP for anticancer drug delivery and therapy. <i>Nanoscale</i> , 2019 , 11, 20956-20967	7.7	42
323	Design of a Highly-Stable Pillar-Layer Zinc(II) Porous Framework for Rapid, Reversible, and Multi-Responsive Luminescent Sensor in Water. <i>Crystal Growth and Design</i> , 2019 , 19, 694-703	3.5	110
322	Tunable Robust pacs-MOFs: a Platform for Systematic Enhancement of the CH Uptake and CH/CH Separation Performance. <i>Inorganic Chemistry</i> , 2018 , 57, 2883-2889	5.1	27
321	A high-activity cobalt-based MOF catalyst for [2+ 2 + 2] cycloaddition of diynes and alkynes: insights into alkyne affinity and selectivity control.. <i>RSC Advances</i> , 2018 , 8, 4895-4899	3.7	7
320	Ratiometric fluorescence sensing and colorimetric decoding methanol by a bimetallic lanthanide-organic framework. <i>Sensors and Actuators B: Chemical</i> , 2018 , 265, 104-109	8.5	56
319	Controlled Crystal Transformations of a Chiral Conglomerate with Heterotactic Helical Coordination Arrays. <i>Crystal Growth and Design</i> , 2018 , 18, 4252-4256	3.5	7
318	Mechanisms of Solvent-Mediated Structural Transformations for Dynamic Crystals of Supramolecular Coordination Systems. <i>Chemistry - A European Journal</i> , 2018 , 24, 13072-13077	4.8	2
317	Immobilization of polyoxometalate in a cage-based metal-organic framework towards enhanced stability and highly effective dye degradation. <i>Polyhedron</i> , 2018 , 152, 108-113	2.7	22
316	Stable Layered Semiconductive Cu(I)-Organic Framework for Efficient Visible-Light-Driven Cr(VI) Reduction and H Evolution. <i>Inorganic Chemistry</i> , 2018 , 57, 7975-7981	5.1	49
315	A Double-Walled Bimetal-Organic Framework for Antibiotics Sensing and Size-Selective Catalysis. <i>Inorganic Chemistry</i> , 2018 , 57, 15062-15068	5.1	42
314	Rhodium(III)-Catalyzed Cascade [5 + 1] Annulation/5-exo-Cyclization Initiated by C-H Activation: 1,6-Diynes as One-Carbon Reaction Partners. <i>Organic Letters</i> , 2018 , 20, 3245-3249	6.2	28
313	A terbium(III) lanthanide-organic framework as a platform for a recyclable multi-responsive luminescent sensor. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 2015-2021	7.1	148
312	Pore modulation of metal-organic frameworks towards enhanced hydrothermal stability and acetylene uptake via incorporation of different functional brackets. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4861-4867	13	55
311	Template-directed synthesis of a luminescent Tb-MOF material for highly selective Fe ³⁺ and Al ³⁺ ion detection and VOC vapor sensing. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 2311-2317	7.1	213
310	Highly stable aluminum-based metal-organic frameworks as biosensing platforms for assessment of food safety. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 804-810	11.8	82

309	A Mixed-Cluster Approach for Building a Highly Porous Cobalt(II) Isonicotinic Acid Framework: Gas Sorption Properties and Computational Analyses. <i>Inorganic Chemistry</i> , 2017 , 56, 2379-2382	5.1	22
308	Structural Transformations Induced by Selective and Irreversible Anion Exchanges for a Layered Ag(I) Nitrite Coordination Polymer. <i>Crystal Growth and Design</i> , 2017 , 17, 2024-2033	3.5	15
307	Pore modulation of zirconium-organic frameworks for high-efficiency detection of trace proteins. <i>Chemical Communications</i> , 2017 , 53, 3941-3944	5.8	102
306	Tracking the Superefficient Anion Exchange of a Dynamic Porous Material Constructed by Ag(I) Nitrate and Tripyridyltriazole via Multistep Single-Crystal to Single-Crystal Transformations. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7202-7208	9.5	35
305	2D zirconium-based metal-organic framework nanosheets for highly sensitive detection of mucin 1: consistency between electrochemical and surface plasmon resonance methods. <i>2D Materials</i> , 2017 , 4, 025098	5.9	62
304	Two-Dimensional Zirconium-Based Metal-Organic Framework Nanosheet Composites Embedded with Au Nanoclusters: A Highly Sensitive Electrochemical Aptasensor toward Detecting Cocaine. <i>ACS Sensors</i> , 2017 , 2, 998-1005	9.2	94
303	Water-Mediated Structural Transformations of Cu 5-Halonicotinates Coordination Networks with Distinct Mechanisms. <i>Chemistry - A European Journal</i> , 2017 , 23, 12985-12990	4.8	9
302	Quest for the Ncb-type Metal-Organic Framework Platform: A Bifunctional Ligand Approach Meets Net Topology Needs. <i>Inorganic Chemistry</i> , 2017 , 56, 7328-7331	5.1	16
301	A nanoporous Ag(I) coordination polymer for selective adsorption of carcinogenic dye Acid Red 26. <i>Chemical Communications</i> , 2017 , 53, 4767-4770	5.8	65
300	Metal-Organic Framework Supported on Processable Polymer Matrix by In Situ Copolymerization for Enhanced Iron(III) Detection. <i>Chemistry - A European Journal</i> , 2017 , 23, 3885-3890	4.8	20
299	Semiconductive Copper(I)-Organic Frameworks for Efficient Light-Driven Hydrogen Generation Without Additional Photosensitizers and Cocatalysts. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14637-14641	16.4	201
298	An anionic Na(I)-organic framework platform: separation of organic dyes and post-modification for highly sensitive detection of picric acid. <i>Chemical Communications</i> , 2017 , 53, 10668-10671	5.8	116
297	Water-Mediated Structural Transformations of CuII 5-Halonicotinates Coordination Networks with Distinct Mechanisms. <i>Chemistry - A European Journal</i> , 2017 , 23, 12959-12959	4.8	
296	Iron oxide@mesoporous carbon architectures derived from an Fe(II)-based metal organic framework for highly sensitive oxytetracycline determination. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19378-19389	13	61
295	Microporous Cobalt(II)-Organic Framework with Open O-Donor Sites for Effective CH ₄ Storage and CH ₄ /CO Separation at Room Temperature. <i>Inorganic Chemistry</i> , 2017 , 56, 14767-14770	5.1	37
294	Highly efficient CrO ₃ removal of a 3D metal-organic framework fabricated by tandem single-crystal to single-crystal transformations from a 1D coordination array. <i>Chemical Communications</i> , 2017 , 53, 9206-9209	5.8	58
293	Dual-Emitting Dye@MOF Composite as a Self-Calibrating Sensor for 2,4,6-Trinitrophenol. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 24671-24677	9.5	95
292	Aptamer-Embedded Zirconium-Based Metal-Organic Framework Composites Prepared by De Novo Bio-Inspired Approach with Enhanced Biosensing for Detecting Trace Analytes. <i>ACS Sensors</i> , 2017 , 2, 982-989	9.2	54

291	Moisture-Stable Zn(II) Metal-Organic Framework as a Multifunctional Platform for Highly Efficient CO ₂ Capture and Nitro Pollutant Vapor Detection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 18043-50	9.5	76
290	A Clear Insight into the Distinguishing CO ₂ Capture by Two Isostructural Dy(III)-Carboxylate Coordination Frameworks. <i>Inorganic Chemistry</i> , 2016 , 55, 6352-4	5.1	17
289	Anion-Directed Entangling Coordination Networks: Luminescence Sensing and Magnetic Properties. <i>ChemPlusChem</i> , 2016 , 81, 857-863	2.8	10
288	Two Isostructural Coordination Polymers Showing Diverse Magnetic Behaviors: Weak Coupling (Ni(II)) and an Ordered Array of Single-Chain Magnets (Co(II)). <i>Inorganic Chemistry</i> , 2016 , 55, 3715-7	5.1	25
287	A bracket approach to improve the stability and gas sorption performance of a metal-organic framework via in situ incorporating the size-matching molecular building blocks. <i>Chemical Communications</i> , 2016 , 52, 8413-6	5.8	69
286	A Co(II)-based metal-organic framework based on [Co ₆ (μ-OH) ₄] units exhibiting selective sorption of C ₂ H ₂ over CO ₂ and CH ₄ . <i>CrystEngComm</i> , 2016 , 18, 3760-3763	3.3	17
285	Charge Control in Two Isostructural Anionic/Cationic Co Coordination Frameworks for Enhanced Acetylene Capture. <i>Chemistry - A European Journal</i> , 2016 , 22, 15035-15041	4.8	25
284	Dual structure evolution of a Ag(I) supramolecular framework triggered by anion-exchange: replacement of terminal ligand and switching of network interpenetration degree. <i>Chemical Communications</i> , 2016 , 52, 11060-3	5.8	22
283	Anion-directed assembly and crystal transformation of Ag(I) coordination polymers with a versatile tripyridyltriazole ligand 3,4-bis(2-pyridyl)-5-(4-pyridyl)-1,2,4-triazole. <i>Journal of Solid State Chemistry</i> , 2015 , 223, 95-103	3.3	13
282	Template-directed construction of conformational supramolecular isomers for bilayer porous metal-organic frameworks with distinct gas sorption behaviors. <i>Chemical Communications</i> , 2015 , 51, 6014-7	5.8	53
281	Dynamic structural transformations of coordination supramolecular systems upon exogenous stimulation. <i>Chemical Communications</i> , 2015 , 51, 2768-81	5.8	92
280	A Versatile Al(III) -Based Metal-Organic Framework with High Physicochemical Stability. <i>Chemistry - A European Journal</i> , 2015 , 21, 17215-9	4.8	38
279	Ligand Symmetry Modulation for Designing a Mesoporous Metal-Organic Framework: Dual Reactivity to Transition and Lanthanide Metals for Enhanced Functionalization. <i>Chemistry - A European Journal</i> , 2015 , 21, 9713-9	4.8	53
278	Exceptional sensitivity to the synthetic approach and halogen substituent for Zn(II) coordination assemblies with 5-halonicotinic acids. <i>Dalton Transactions</i> , 2015 , 44, 11109-18	4.3	18
277	A channel-type mesoporous In(III)-carboxylate coordination framework with high physicochemical stability for use as an electrode material in supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 9828-9834	13	111
276	Solvent-mediated assembly of chiral/achiral hydrophilic Ca(II)-tetrafluoroterephthalate coordination frameworks: 3D chiral water aggregation, structural transformation and selective CO ₂ adsorption. <i>CrystEngComm</i> , 2014 , 16, 7673-7680	3.3	26
275	Structural diversity of 5-methylnicotinate coordination assemblies regulated by metal-ligating tendency and metal-dependent anion effect. <i>CrystEngComm</i> , 2014 , 16, 6433	3.3	17
274	Divergent kinetic and thermodynamic hydration of a porous Cu(II) coordination polymer with exclusive CO ₂ sorption selectivity. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10906-9	16.4	213

273	Versatile mesoporous DyIII coordination framework for highly efficient trapping of diverse pollutants. <i>Inorganic Chemistry</i> , 2014 , 53, 7074-6	5.1	33
272	Lanthanide-organic coordination frameworks showing new 5-connected network topology and 3D ordered array of single-molecular magnet behavior in the Dy case. <i>Inorganic Chemistry</i> , 2014 , 53, 6708-14	5.1	56
271	Norfloxacin salts with benzenedicarboxylic acids: charge-assisted hydrogen-bonding recognition and solubility regulation. <i>CrystEngComm</i> , 2013 , 15, 6090	3.3	31
270	Ligand-to-metal ratio dependent assembly of two distinct 1D and 3D copper(II)-dicyanamide magnetic coordination polymers with a tripyridyltriazole co-tecton. <i>Inorganica Chimica Acta</i> , 2013 , 403, 142-146	2.7	22
269	Structural diversity and fluorescent properties of CdII coordination polymers with 5-halonicotinates regulated by solvent and ligand halogen-substituting effect. <i>CrystEngComm</i> , 2013 , 15, 9713	3.3	29
268	Alkali-metal-regulated construction of superhydrophilic ZnII and CdII coordination polymers with perhalogenated terephthalate ligands. <i>CrystEngComm</i> , 2013 , 15, 9613	3.3	23
267	A unique 3-D (3,18)-connected coordination framework based on a new type of {Zn18} double-stranded metallacrown. <i>CrystEngComm</i> , 2013 , 15, 10171	3.3	9
266	Novel (4,8)-connected scu coordination framework constructed by tetrakis(4-benzoic acid)ethylene. <i>CrystEngComm</i> , 2013 , 15, 1669	3.3	13
265	Design and construction of coordination polymers with mixed-ligand synthetic strategy. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 1282-1305	23.2	648
264	Solvent-regulated assemblies of silver(I) and cadmium(II) supramolecular complexes with versatile tripyridyltriazole multidentate ligands. <i>Inorganica Chimica Acta</i> , 2013 , 395, 212-217	2.7	8
263	Two 3D open coordination frameworks constructed by CdII or ZnII perchlorate and 4-(4-pyridyl)-3,5-bis(2-pyridyl)-1,2,4-triazole showing selective anion-exchange behaviors to acetate. <i>Inorganic Chemistry Communication</i> , 2013 , 38, 70-73	3.1	8
262	An efficient strategy to achieve hydrophilic polymeric silver(I) materials with exceptional antibacterial activity. <i>Chemical Communications</i> , 2013 , 49, 1270-2	5.8	41
261	Coordination Assembly of ZnII/CdII Terephthalate with Bis-Pyridinecarboxamide Tectons: Establishing Net Entanglements from [3 + 3] Interpenetration to High-Connected Self-Penetration. <i>Crystal Growth and Design</i> , 2013 , 13, 996-1001	3.5	34
260	Co5/Co8-cluster-based coordination polymers showing high-connected self-penetrating networks: syntheses, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2013 , 52, 8091-8	5.1	207
259	A 3-D metal-organic framework of CuII perchlorate and 2-(2-pyridyl)-5-(4-pyridyl)-1,3,4-oxadiazole showing the exclusive anion-exchange selectivity to benzoate. <i>Inorganic Chemistry Communication</i> , 2012 , 15, 172-175	3.1	14
258	Solvent-induced conformational isomerism of a flexible fluorinated bis(imidazole) ligand on the self-assembly of 1-D and 2-D CuII coordination polymers. <i>Inorganic Chemistry Communication</i> , 2012 , 15, 180-184	3.1	12
257	A novel ferromagnetically-coupled trinuclear nickel(II) complex constructed from the new 1,2-di(pyridin-2-yl)ethanone ligand in its enolate form. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 184-187	3.1	2
256	A structural paradigm for 3-periodic semiregular (4(6).6(9))-hxxg net with high-symmetry hexagonal geometry, constructed from the linear [Cd2NaO6(H2O)6] SBUs and a flexible 6,6Pdithiodinicotinate linker. <i>Chemical Communications</i> , 2012 , 48, 7459-61	5.8	39

255	A unique substituted Co(II)-formate coordination framework exhibits weak ferromagnetic single-chain-magnet like behavior. <i>Chemical Communications</i> , 2012 , 48, 6568-70	5.8	85
254	An unusual (4,10)-connected 3-D metal-organic framework based on non-planar tricarboxylate and tetracadmium(II) secondary building units. <i>CrystEngComm</i> , 2012 , 14, 5299	3.3	19
253	Mn(II) coordination polymers based on bi-, tri-, and tetranuclear and polymeric chain building units: crystal structures and magnetic properties. <i>Inorganic Chemistry</i> , 2012 , 51, 9431-42	5.1	173
252	Lanthanide-pyridyl-2,5-dicarboxylate N-oxide frameworks with rutile topology. <i>CrystEngComm</i> , 2012 , 14, 512-518	3.3	29
251	Distinct 1D Cd(II) coordination polymers constructed by three isomeric tripyridyltriazole building blocks and thiocyanate anions. <i>Inorganic Chemistry Communication</i> , 2012 , 22, 77-81	3.1	7
250	Exceptional crystallization diversity and solid-state conversions of Cd(II) coordination frameworks with 5-bromonicotinate directed by solvent media. <i>Chemistry - A European Journal</i> , 2012 , 18, 12437-45	4.8	57
249	In situ syntheses, crystal structures and magnetic properties of CuII and MnII coordination assemblies based on a novel heteroalicyclic dicarboxylate tecton and N-donor co-ligands. <i>CrystEngComm</i> , 2012 , 14, 160-168	3.3	6
248	Two novel 3-D coordination polymers with 5-methoxyisophthalate and flexible N-donor co-ligands showing pentanuclear or alternate mono/binuclear Cu(II) units. <i>Dalton Transactions</i> , 2012 , 41, 2078-83	4.3	59
247	Two Unique Entangling CdII-Coordination Frameworks Constructed by Square Cd4-Building Blocks and Auxiliary N,N'-Donor Ligands. <i>Crystal Growth and Design</i> , 2012 , 12, 1697-1702	3.5	94
246	Substituent effect of R-isophthalates (R = H, CH ₃ , OCH ₃ , tBu, OH, and NO ₂) on the construction of CdII coordination polymers incorporating a dipyridyl tecton 2,5-bis(3-pyridyl)-1,3,4-oxadiazole. <i>CrystEngComm</i> , 2011 , 13, 1885-1893	3.3	82
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244	Fluorine-Induced Chiral Coordination Arrays Containing Helical Hydrogen-Bonding Chains of Water or Fluorinated Ligand. <i>Crystal Growth and Design</i> , 2011 , 11, 5171-5175	3.5	32
243	Highly-thermostable lanthanide-organic coordination frameworks with N-protonated 2,6-dihydropyridine-4-carboxylate exhibiting unusual 3-D mixed-connected network topology. <i>CrystEngComm</i> , 2011 , 13, 6555	3.3	11
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241	Hydrothermal Syntheses, Crystal Structures, and Magnetic Properties of a Series of Unique Three-Dimensional Lanthanide-Organic Coordination Frameworks with aN-Protonated 2,6-Dihydropyridine-4-Carboxylate Tecton. <i>Crystal Growth and Design</i> , 2011 , 11, 811-819	3.5	34
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239	A luminescent linear trinuclear Dy(III) complex exhibiting slow magnetic relaxation of single ion origin. <i>Dalton Transactions</i> , 2011 , 40, 9366-9	4.3	54
238	Role of solvents in coordination supramolecular systems. <i>Chemical Communications</i> , 2011 , 47, 5958-72	5.8	565

237	A robust porous PtS-type Cu(II) metal-organic framework: single-crystal-to-single-crystal transformation with reversible guest intercalation accompanied by colour change. <i>CrystEngComm</i> , 2011 , 13, 768-770	3.3	18
236	Destruction and reconstruction of the robust [Cu ₂ (OOCR) ₄] unit during crystal structure transformations between two coordination polymers. <i>Chemical Communications</i> , 2011 , 47, 8088-90	5.8	81
235	Inducing effect of additive agents on coordination assembly of silver(I) nitrate with 3,5-bis(2-pyridyl)-4-amino-1,2,4-triazole: supramolecular isomerism and interconversion. <i>Inorganic Chemistry</i> , 2011 , 50, 9284-9	5.1	66
234	A unique 3-D chiral Zn(II) coordination framework with 1,2,3-benzenetricarboxyl and 4,4'-bipyridyl tectons showing 4-connected self-penetrating network and helical character. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1584-1587	3.1	11
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231	Diverse Cd(II) coordination polymers with a multidentate N-donor ligand 3,5-bis(4-pyridyl)-4-(3-pyridyl)-1,2,4-triazole and pseudohalide anions. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 873-876	3.1	18
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228	Alkali-Metal-Templated Assemblies of New 3D Lead(II) Tetrachloroterephthalate Coordination Frameworks. <i>Crystal Growth and Design</i> , 2011 , 11, 4190-4197	3.5	54
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222	Metal-organic frameworks of manganese(II) 4,4'-biphenyldicarboxylates: crystal structures, hydrogen adsorption, and magnetism properties. <i>CrystEngComm</i> , 2010 , 12, 677-681	3.3	49
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211	From infinite one-dimensional helix to discrete Cu(II) ₁₅ cluster along with in situ S(N) ₂ ring-cleavage of cis-epoxysuccinic acid: pH-controlled assemblies, crystal structures, and properties. <i>Inorganic Chemistry</i> , 2010 , 49, 9617-26	5.1	68
210	Polynuclear complexes of macrocyclic oxamide with 5-sulfosalicylate: syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2010 , 39, 9654-61	4.3	28
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19	Three-dimensional frameworks built from hydrogen bonds and π -stacking interactions: structural and spectral study on Co(II) complexes of 1,5-diazacyclooctane (DACO) functionalized by heterocyclic pendants. <i>Polyhedron</i> , 2001 , 20, 3065-3071	2.7	15
18	A large delocalized π -electron system: diquinoxalino[2,3-a:2',3'-b]phenazine chloroform solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 199-200		10
17	5,6-Bis(2-pyridyl)-2,3-pyrazinedicarbonitrile. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 201-2		2
16	Bis[μ -2-[(1,5-diaza-1-cyclooctyl)-methyl]phenolato-N,N',O,O']bis-[chlorozinc(II)]diacetone solvate: design of a square-pyramidal ZnN_2O_2Cl complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 893-4		3
15	Novel Diazamesocyclic Ligands Functionalized with Pyridyl Donor Group(s) [Synthesis, Crystal Structures, and Properties of Their Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 1551-1558	2.3	42
14	Isolation of a thermodynamically unfavorable $[Ni(DACO)_2]^{2+}$ complex and its isomer: syntheses, characterization, crystal structures and theoretical study (DACO=1,5-diazacyclooctane). <i>Inorganica Chimica Acta</i> , 2001 , 320, 190-197	2.7	13
13	Nickel-mediated alcoholysis reaction of carbon-nitrogen triple bond: structural characterization of an unprecedented moisture stable imido ester with an E-configuration. <i>Inorganic Chemistry Communication</i> , 2001 , 4, 150-152	3.1	3
12	Novel copper(II) complexes with diazamesocyclic ligands functionalized by additional donor group(s): syntheses, crystal structures and magnetic properties. <i>Dalton Transactions RSC</i> , 2001 , 729-735		58
11	Novel boxlike dinuclear or chain polymeric silver(I) complexes with polypyridyl bridging ligands: syntheses, crystal structures, and spectroscopic and electrochemical properties. <i>Inorganic Chemistry</i> , 2001 , 40, 4143-9	5.1	62
10	Novel nickel(II) complexes with diazamesocyclic ligands functionalized by additional phenol donor pendant(s): synthesis, characterization, crystal structures and magnetic properties. <i>Dalton Transactions RSC</i> , 2001 , 593-598		77
9	Ferromagnetic coupling in a one-dimensional molecular railroad copper(II) azido compound containing a defective double cubane motif. <i>Inorganic Chemistry</i> , 2001 , 40, 3619-22	5.1	82
8	Novel homobinuclear lanthanide(III) complexes with isonicotinoyl hydrazone: synthesis and coordination chemistry. <i>Inorganica Chimica Acta</i> , 2000 , 308, 143-149	2.7	33
7	[1,5-Bis]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 7), 769-70		4
6	Chloro(2-. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 9), 1090-1		3
5	A novel three-dimensional copper(II) network via hydrogen bonds: diaquabis. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 10), 1210-2		8
4	Bis(1,5-diazacyclooctane-N,N')nickel(II) dibromide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 Pt 11, 1314-5		2

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| 3 | Synthesis and crystal structure of the perchlorate salt of diprotonated N,N'-bis(1-methylimidazole-2-methyl)1,5-diazacyclooctane. <i>Journal of Chemical Crystallography</i> , 2000 , 30, 531-534 | 0.5 | 3 |
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