

Zhenxia Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Luminescent Mixed-Lanthanide Metal-Organic Framework Thermometer. <i>Journal of the American Chemical Society</i> , 2012, 134, 3979-3982.	6.6	1,033
2	A Family of Highly Ordered Mesoporous Polymer Resin and Carbon Structures from Organic/Organic Self-Assembly. <i>Chemistry of Materials</i> , 2006, 18, 4447-4464.	3.2	1,005
3	Triconstituent Co-assembly to Ordered Mesostructured Polymer/Silica and Carbon/Silica Nanocomposites and Large-Pore Mesoporous Carbons with High Surface Areas. <i>Journal of the American Chemical Society</i> , 2006, 128, 11652-11662.	6.6	579
4	Single-Molecular Artificial Transmembrane Water Channels. <i>Journal of the American Chemical Society</i> , 2012, 134, 8384-8387.	6.6	367
5	Design and Generation of Extended Zeolitic Metal-Organic Frameworks (ZMOFs): Synthesis and Crystal Structures of Zinc(II) Imidazolate Polymers with Zeolitic Topologies. <i>Chemistry - A European Journal</i> , 2007, 13, 4146-4154.	1.7	351
6	Selective Artificial Transmembrane Channels for Protons by Formation of Water Wires. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12564-12568.	7.2	342
7	A Metal-Organic Framework with Optimized Open Metal Sites and Pore Spaces for High Methane Storage at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3178-3181.	7.2	340
8	Highly effective binding of neutral dinitriles by simple pillar[5]arenes. <i>Chemical Communications</i> , 2012, 48, 2967.	2.2	301
9	An Aqueous Cooperative Assembly Route To Synthesize Ordered Mesoporous Carbons with Controlled Structures and Morphology. <i>Chemistry of Materials</i> , 2006, 18, 5279-5288.	3.2	238
10	QMOF-1 and QMOF-2: Three-Dimensional Metal-Organic Open Frameworks with a Quartzlike Topology. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4471-4473.	7.2	223
11	Pillar[n]arenes (n = 8-10) with two cavities: synthesis, structures and complexing properties. <i>Chemical Communications</i> , 2012, 48, 10999.	2.2	193
12	A Large 24-Membered-Ring Germanate Zeolite-Type Open-Framework Structure with Three-Dimensional Intersecting Channels. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2166-2168.	7.2	152
13	Synthesis of Pillar[5]arene Dimers and Their Cooperative Binding toward Some Neutral Guests. <i>Organic Letters</i> , 2012, 14, 42-45.	2.4	152
14	Cadmium Imidazolate Frameworks with Polymorphism, High Thermal Stability, and a Large Surface Area. <i>Chemistry - A European Journal</i> , 2010, 16, 1137-1141.	1.7	148
15	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. <i>Journal of Materials Chemistry</i> , 2006, 16, 1511.	6.7	130
16	Three-Dimensional Pillar-Layered Copper(II) Metal-Organic Framework with Immobilized Functional OH Groups on Pore Surfaces for Highly Selective CO ₂ /CH ₄ and C ₂ H ₂ /CH ₄ Gas Sorption at Room Temperature. <i>Inorganic Chemistry</i> , 2011, 50, 3442-3446.	1.9	115
17	Two Polymorphs of Cobalt(II) Imidazolate Polymers Synthesized Solvothermally by Using One Organic Template N,N-Dimethylacetamide. <i>Inorganic Chemistry</i> , 2004, 43, 4631-4635.	1.9	112
18	Self-assembly and proton conductance of organic nanotubes from pillar[5]arenes. <i>Tetrahedron Letters</i> , 2011, 52, 2484-2487.	0.7	104

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19	Pore Structures of Ordered Large Cage-Type Mesoporous Silica FDU-12s. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21467-21472.	1.2	100
20	Selective and Effective Binding of Pillar[5,6]arenes toward Secondary Ammonium Salts with a Weakly Coordinating Counteranion. <i>Organic Letters</i> , 2012, 14, 4126-4129.	2.4	100
21	A Microporous Metal-Organic Framework with Immobilized -OH Functional Groups within the Pore Surfaces for Selective Gas Sorption. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3745-3749.	1.0	97
22	Heterolytic Cleavage of Dihydrogen by Frustrated Lewis Pairs Comprising Bis(2,4,6-tris(trifluoromethyl)phenyl)borane and Amines: Stepwise versus Concerted Mechanism. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12227-12231.	7.2	97
23	Reversible Two-Dimensional to Three Dimensional Framework Transformation within a Prototype Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2009, 9, 5293-5296.	1.4	96
24	A Porous Metal-Organic Framework Constructed from Carboxylate-Pyrazolate Shared Heptanuclear Zinc Clusters: Synthesis, Gas Adsorption, and Guest-Dependent Luminescent Properties. <i>Inorganic Chemistry</i> , 2013, 52, 10368-10374.	1.9	82
25	The marriage of endo-cavity and exo-wall complexation provides a facile strategy for supramolecular polymerization. <i>Chemical Communications</i> , 2015, 51, 3434-3437.	2.2	82
26	Silica-Templated Synthesis of Ordered Mesoporous Tungsten Carbide/Graphitic Carbon Composites with Nanocrystalline Walls and High Surface Areas via a Temperature-Programmed Carburization Route. <i>Small</i> , 2009, 5, 2738-2749.	5.2	76
27	Construction of 3D Layer-Pillared Homoligand Coordination Polymers from a 2D Layered Precursor. <i>Inorganic Chemistry</i> , 2006, 45, 8677-8684.	1.9	69
28	Unprecedented highly efficient capture of glycopeptides by Fe ₃ O ₄ @Mg-MOF-74 core-shell nanoparticles. <i>Chemical Communications</i> , 2017, 53, 4018-4021.	2.2	69
29	Two novel lanthanide 1-D chain coordination polymers of pyridinedicarboxylic acids: hydrothermal synthesis, structure and luminescent properties. <i>Journal of Molecular Structure</i> , 2005, 750, 101-108.	1.8	68
30	Hydrogen-bonding 2D metal-organic solids as highly robust and efficient heterogeneous green catalysts for Biginelli reaction. <i>Tetrahedron Letters</i> , 2011, 52, 6220-6222.	0.7	68
31	Mixed-Solvothermal Syntheses and Structures of Six New Zinc Phosphonocarboxylates with Zeolite-type and Pillar-Layered Frameworks. <i>Crystal Growth and Design</i> , 2008, 8, 4045-4053.	1.4	63
32	Crystal transformation synthesis of a highly stable phosphonate MOF for selective adsorption of CO ₂ . <i>CrystEngComm</i> , 2013, 15, 2040-2043.	1.3	63
33	A rutile-type porous zinc(ii)-phosphonocarboxylate framework: local proton transfer and size-selected catalysis. <i>Chemical Communications</i> , 2010, 46, 1100-1102.	2.2	61
34	Activation of Bis(guanidinate)lanthanide Alkyl and Aryl Complexes on Elemental Sulfur: Synthesis and Characterization of Bis(guanidinate)lanthanide Thiolates and Disulfides. <i>Inorganic Chemistry</i> , 2010, 49, 5715-5722.	1.9	60
35	Different crystal structure and photophysical properties of lanthanide complexes with 5-bromonicotinic acid. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3805-3814.	1.4	58
36	Hydrothermal synthesis, crystal structure and luminescence of four novel metal-organic frameworks. <i>Journal of Solid State Chemistry</i> , 2006, 179, 4037-4046.	1.4	57

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37	Controllable One-Step Synthesis of Spirocycles, Polycycles, and Di- and Tetrahydronaphthalenes from Aryl-Substituted Propargylic Alcohols. <i>Journal of Organic Chemistry</i> , 2008, 73, 6845-6848.	1.7	57
38	Significantly Enhanced CO ₂ /CH ₄ Separation Selectivity within a 3D Prototype Metal-Organic Framework Functionalized with OH Groups on Pore Surfaces at Room Temperature. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2227-2231.	1.0	56
39	A zinc(ii) metal-organic framework based on triazole and dicarboxylate ligands for selective adsorption of hexane isomers. <i>Chemical Communications</i> , 2011, 47, 7197.	2.2	55
40	Enhancing CO ₂ adsorption of a Zn-phosphonocarboxylate framework by pore space partitions. <i>Chemical Communications</i> , 2013, 49, 78-80.	2.2	55
41	Multiple N-H Bond Activation: Synthesis and Reactivity of Functionalized Primary Amido Ytterbium Complexes. <i>Organometallics</i> , 2007, 26, 1934-1946.	1.1	53
42	Insertion of Isocyanate and Isothiocyanate into the Ln-P f-Bond of Organolanthanide Phosphides. <i>Organometallics</i> , 2011, 30, 5809-5814.	1.1	50
43	Synthesis and Structure of a New 3D Porous Cu(II)-Benzene-1,3,5-tricarboxylate Coordination Polymer, [Cu ₂ (OH)(BTC)(H ₂ O)] _n ·2nH ₂ O. <i>Chemistry Letters</i> , 2003, 32, 590-591.	0.7	49
44	Facile Transformations of Lanthanocene Alkyls to Lanthanocene Thiolate, Sulfide, and Disulfide Derivatives by Reaction with Elemental Sulfur. <i>Organometallics</i> , 2005, 24, 1982-1988.	1.1	49
45	A New Multidentate Hexacarboxylic Acid for the Construction of Porous Metal-Organic Frameworks of Diverse Structures and Porosities. <i>Crystal Growth and Design</i> , 2010, 10, 2775-2779.	1.4	48
46	Synthesis, Structural Characterization, and Reactivity of Mono(amidinate) Rare-Earth-Metal Bis(aminobenzyl) Complexes. <i>Organometallics</i> , 2013, 32, 7312-7322.	1.1	46
47	Chemically Engineered Porous Molecular Coatings as Reactive Oxygen Species Generators and Reservoirs for Long-Lasting Self-Cleaning Textiles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115956.	7.2	45
48	Synthesis, Structures, and Reactivity of Yttrium Alkyl and Alkynyl Complexes with Mixed Tp ² Me ₂ /Cp Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 11813-11824.	1.9	43
49	A novel quaternary dinuclear luminescent terbium complex Tb ₂ (phth) ₂ (Hphth) ₂ (phen) ₂ (H ₂ O) ₄ : hydrothermal synthesis, crystal structure and photophysics. <i>Journal of Molecular Structure</i> , 2004, 694, 115-120.	1.8	42
50	A Zeolite-Like Zinc Phosphonocarboxylate Framework and Its Transformation into Two- and Three-Dimensional Structures. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1549-1554.	1.7	41
51	Frustrated Lewis Pair Induced Boroauration of Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12047-12050.	7.2	41
52	A highly stable indium phosphonocarboxylate framework as a multifunctional sensor for Cu ²⁺ and methylviologen ions. <i>Dalton Transactions</i> , 2015, 44, 3794-3800.	1.6	40
53	Two Novel Zinc(II) Metal-Organic Frameworks Based on Triazole-Carboxylate Shared Paddle-Wheel Units: Synthesis, Structure, and Gas Adsorption. <i>Crystal Growth and Design</i> , 2011, 11, 2811-2816.	1.4	37
54	Synthesis, structure and luminescence of novel 1D chain coordination polymers [Ln(isophth)(Hisophth)(H ₂ O) ₄ ·4H ₂ O] _n (Ln=Sm, Dy). <i>Journal of Molecular Structure</i> , 2005, 741, 141-147.	1.8	35

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55	Synthesis, Structural Characterization, and Reactivity of Lanthanide Complexes Containing a New Methylene-Bridged Indenyl π -Pyrrolyl Dianionic Ligand. <i>Organometallics</i> , 2006, 25, 5165-5172.	1.1	35
56	Facile Construction of Lanthanide Metallomacrocycles with the Bridging Imidazolate and Triazolate Ligands and Their Ring Expansions. <i>Inorganic Chemistry</i> , 2007, 46, 321-327.	1.9	35
57	Synthesis and reactivity of organolanthanide complexes containing phenothiazine ligand toward carbodiimide and isothiocyanate. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4926-4932.	0.8	34
58	Reactivity of Lanthanocene Hydroxides toward Ketene, Isocyanate, Lanthanocene Alkyl, and Triscyclopentadienyllanthanide Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 5867-5877.	1.9	34
59	1,2,4-Diazaphospholide Complexes of Samarium(III). <i>Inorganic Chemistry</i> , 2008, 47, 9739-9741.	1.9	34
60	Synthesis of Isoreticular Zinc(II) π -Phosphonocarboxylate Frameworks and Their Application in the Friedel-Crafts Benzylolation Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 10323-10328.	1.7	34
61	Novel Iso-Reticular Zn(ii) Metal-Organic Frameworks constructed by Trinuclear-Triangular and Paddle-Wheel Units: Synthesis, Structure and Gas Adsorption. <i>Dalton Transactions</i> , 2012, 41, 4007.	1.6	34
62	TEA-assistant synthesis of MOF-74 nanorods for drug delivery and in-vitro magnetic resonance imaging. <i>Microporous and Mesoporous Materials</i> , 2021, 315, 110900.	2.2	33
63	Structural diversity of 1,2,4-diazaphospholide complexes with alkali metals. <i>Chemical Communications</i> , 2008, , 2266.	2.2	32
64	Supramolecular Isomerism of Metal-Organic Frameworks Derived from a Bicarboxylate Linker with Two Distinct Binding Motifs. <i>Crystal Growth and Design</i> , 2009, 9, 1505-1510.	1.4	32
65	A novel green phosphorescent silver(i) coordination polymer with three-fold interpenetrated CdSO ₄ -type net generated via in situ reaction. <i>CrystEngComm</i> , 2011, 13, 1504-1508.	1.3	31
66	Versatile Reactivity of Scorpionate-Anchored Yttrium-Dialkyl Complexes towards Unsaturated Substrates. <i>Chemistry - A European Journal</i> , 2013, 19, 11975-11983.	1.7	31
67	Controlled syntheses of Mg-MOF-74 nanorods for drug delivery. <i>Journal of Solid State Chemistry</i> , 2021, 294, 121853.	1.4	31
68	Hydrothermal synthesis of new beryllorophosphates MIBeBPO (MI=K ⁺ , Na ⁺ and NH ₄ ⁺) with zeolite ANA framework topology. <i>Microporous and Mesoporous Materials</i> , 2003, 57, 309-316.	2.2	30
69	[CuI(im)] π : Is this Air-Stable Copper(I) Imidazolate (8210)-Net Polymer the Species Responsible for the Corrosion-Inhibiting Properties of Imidazole with Copper Metal?. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1813-1816.	1.0	30
70	Two-step synthesis, structure and adsorption property of a dynamic zinc phosphonocarboxylate framework. <i>CrystEngComm</i> , 2011, 13, 3378.	1.3	30
71	Synthesis of a new organically templated zeolite-like zirconogermanate (C ₄ N ₂ H ₁₂)[ZrGe ₄ O ₁₀ F ₂] with cavansite topology Electronic supplementary information (ESI) available: tables of crystal data, including atomic coordinates, selected bond lengths and angles, and thermal parameters, and also a SEM image of FDZG-1. See http://www.rsc.org/suppdata/jm/b2/b209801f/ . <i>Journal of Materials Chemistry</i> , 2003, 13, 308-311.	6.7	29
72	Synthesis and crystal structures of four pH-dependent Pb(II) and Cd(II) phosphonates based on a novel ligand, 3-phosphono-benzoic acid. <i>Inorganica Chimica Acta</i> , 2009, 362, 2101-2107.	1.2	29

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73	Insertion Reaction of Ketene into the Metal-Sulfur Bond: Synthesis and Characterization of $[\text{Cp}_2\text{Ln}(\eta^4\text{-}1,1\text{-}\eta^2\text{-OC(SEt)CPh}_2)]_2$ (Ln = Yb, Er, Sm, Y) and $[\text{Cp}_2\text{Er}(\eta^4\text{-}1,1\text{-}\eta^2\text{-OC(SEt)CPhEt})]_2$. <i>Organometallics</i> , 2004, 23, 3246-3251.		28
74	Selective Reaction Based on the Linked Diamido Ligands of Dinuclear Lanthanide Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 5252-5259.	1.9	28
75	An Yttrium Organic η^4 -Complex and Its Selective Conversions. <i>Inorganic Chemistry</i> , 2019, 58, 8451-8459.	1.9	28
76	Reactivity of Organolanthanide Derivatives Containing theo-Aminothiophenolate Ligand toward Carbodiimide. <i>Organometallics</i> , 2006, 25, 4571-4578.	1.1	27
77	A three-dimensional structure built of paddle-wheel and triazolate-dinuclear metal clusters: synthesis, deformation and reformation of paddle-wheel unit in the single-crystal-to-single-crystal transformation. <i>CrystEngComm</i> , 2013, 15, 7031.	1.3	27
78	Pillar[5]arenes with an introverted amino group: a hydrogen bonding tuning effect. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 248-251.	1.5	27
79	Synthesis, structure, and catalytic activity of palladium complexes with new chiral cyclohexane-1,2-based di-NHC-ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 700, 223-229.	0.8	26
80	One-dimensional (1D) helical and 2D homochiral metal-organic frameworks built from a new chiral octahydrobinaphthalene-derived dicarboxylic acid. <i>Inorganic Chemistry Communication</i> , 2008, 11, 948-950.	1.8	24
81	Preparation of Mononuclear, Homodinuclear, and Heterotrinnuclear Complexes by Salicylaldiminato-Functionalized Imidazolium Salt: Approach to Multifunctional Catalysts. <i>Chemistry - A European Journal</i> , 2011, 17, 11041-11051.	1.7	24
82	$[\text{C}_6\text{N}_4\text{H}_{24}]\text{CoBe}_6\text{P}_6\text{O}_{24}\cdot 3\text{H}_2\text{O}$: a novel 3-dimensional berylllophosphate zeolite-like structure encapsulating Coll ions. <i>Journal of Materials Chemistry</i> , 2002, 12, 658-662.	6.7	23
83	Synthesis and structural characterization of lanthanide complexes with the di- or tri-anionic diguanidinate ligand: new insight into the flexibility and distinct reactivity of the linked diguanidinate ligand. <i>Chemical Communications</i> , 2007, , 2190.	2.2	23
84	Synthesis and structures of titanium and yttrium complexes with N,N-tetramethylguanidinate ligands: different reactivity of the M-N bonds toward phenyl isocyanate. <i>Dalton Transactions</i> , 2009, , 1806.	1.6	23
85	Reactivity of Scorpionate-Anchored Yttrium Alkyl Complex toward Organic Nitriles. <i>Organometallics</i> , 2012, 31, 7213-7221.	1.1	23
86	A robust η^4 -type metal-organic framework showing polarity-exclusive adsorption of acetone over methanol for their azeotropic mixture. <i>Chemical Communications</i> , 2019, 55, 6495-6498.	2.2	23
87	Facile Construction of a Novel Aminoquinazolate Anionic Ligand through Organolanthanide-Mediated Intermolecular Nucleophilic Addition/Cyclization of Anthranilonitrile. <i>Inorganic Chemistry</i> , 2008, 47, 5552-5554.	1.9	22
88	Metal complexes as templates: syntheses, structures, and luminescent properties of two zinc phosphonocarboxylates with ABW-zeolite topology. <i>Dalton Transactions</i> , 2012, 41, 4079.	1.6	22
89	Oxidation and coupling of η^2 -diketiminato ligand in lanthanide complexes: Novel eight-nuclear lanthanide clusters with η^4 , η^4 - μ_3 -Cl, and η^4 - μ_4 -O bridge. <i>Dalton Transactions</i> , 2012, 41, 357-359.	1.6	21
90	A Series of Metal-Organic Frameworks Built of Triazolate-Trinuclear and Paddlewheel Units: Solid-Solution Framework Approach for Optimizing CO_2 Adsorption and Separation. <i>Crystal Growth and Design</i> , 2015, 15, 5794-5801.	1.4	21

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91	1,2,4-Diazaphospholide Complexes of Tin(II): From Nitride Stannylene to Stannylated Ammonium Ions. <i>Chemistry - A European Journal</i> , 2009, 15, 6581-6585.	1.7	20
92	1,2,4-Diazaphospholide Complexes of Barium: Mechanism of Formation and Crystallographic Characterization. <i>Inorganic Chemistry</i> , 2009, 48, 2967-2975.	1.9	20
93	Me-Si Bond Cleavage of Anionic Bis(trimethylsilyl)amide in Scorpionate-Anchored Rare Earth Metal Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 10631-10638.	1.9	20
94	A flexible porous metal-azolate framework constructed by [Cu ₃ (μ ₃ -OH)(μ ₄ -O)(triazolate) ₂]+ building blocks: synthesis, reversible structural transformation and related magnetic properties. <i>CrystEngComm</i> , 2013, 15, 3484.	1.3	20
95	Reticular chemistry approach to explore the catalytic CO ₂ -epoxide cycloaddition reaction over tetrahedral coordination Lewis acidic sites in a Rutile-type Zinc-phosphonocarboxylate framework. <i>Chemical Engineering Journal</i> , 2022, 427, 131759.	6.6	20
96	Synthesis and Characterization of a Novel Organically Templated Open Framework Zirconogermanate with Three- and Seven-Membered Rings. <i>Inorganic Chemistry</i> , 2003, 42, 5960-5965.	1.9	19
97	A new family of dimeric lanthanide (III) complexes: Synthesis, structures and photophysical property. <i>Journal of Molecular Structure</i> , 2007, 871, 59-66.	1.8	19
98	End-End Connection Pattern of Trinuclear-Triangular Copper Cluster for Construction of Two Metal-Organic Frameworks: Syntheses, Structures, Magnetic and Gas Adsorption Properties. <i>Crystal Growth and Design</i> , 2015, 15, 1526-1534.	1.4	19
99	Synthesis of two luminescent coordination polymers based on self-assembly of Zn(II) with polycarboxylic acids ligands and heteroaromatic N-donor. <i>Applied Organometallic Chemistry</i> , 2006, 20, 44-50.	1.7	18
100	Hydrothermal synthesis and crystal structure of a novel luminescent europium complex of 2,5-pyridinedicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2005, 58, 811-816.	0.8	17
101	Facile Synthesis of Organolanthanide Hydrides with Metallic Potassium: Crystal Structures and Reactivity. <i>Organometallics</i> , 2011, 30, 4320-4324.	1.1	17
102	Reactivity of Scorpionate-Anchored Yttrium Alkyl Primary Amido Complexes toward Carbodiimides. Insertion Selectivity of Y-NHAr and Y-CH ₂ Ph Bonds. <i>Organometallics</i> , 2013, 32, 5409-5415.	1.1	17
103	Synthesis, structure and reactivity of dinuclear rare earth metal bis(o-aminobenzyl) complexes bearing a 1,4-phenylenediamidinate co-ligand. <i>Dalton Transactions</i> , 2013, 42, 8288.	1.6	17
104	Hydrothermal synthesis of two layered indium oxalates with 12-membered apertures. <i>Journal of Solid State Chemistry</i> , 2003, 173, 435-441.	1.4	16
105	Synthesis of Mixed Cp/Tp ^{Me₂} Lanthanide Complexes from Lanthanocene Precursors and their Structures and Reactivities. <i>Inorganic Chemistry</i> , 2009, 48, 1774-1781.	1.9	16
106	Synthesis of Potassium-Magnesium Ate Complexes with a Bulky Diamido Ligand. <i>Organometallics</i> , 2009, 28, 5281-5284.	1.1	16
107	Room temperature C-N bond cleavage of anionic guanidinate ligand in rare-earth metal complexes. <i>Dalton Transactions</i> , 2013, 42, 5826.	1.6	16
108	Cation-Exchange Approach to Tuning the Flexibility of a Metal-Organic Framework for Gated Adsorption. <i>Inorganic Chemistry</i> , 2017, 56, 5069-5075.	1.9	16

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109	Facile construction of the guanidine substituent or guanidinate anionic ligand through addition of the adjacent amino group to carbodiimide. <i>Dalton Transactions</i> , 2009, , 3298.	1.6	15
110	Solvothermal in situ synthesis of cyanide-containing ternary silver(I) coordination polymers and their phosphorescent properties. <i>CrystEngComm</i> , 2012, 14, 1425-1431.	1.3	15
111	Synthesis, structure, and adsorption properties of a three-dimensional porous yttrium-organic coordination network. <i>Microporous and Mesoporous Materials</i> , 2007, 98, 16-20.	2.2	14
112	Insertion reaction of elemental sulfur into the Ln-C bond: Synthesis and characterization of [(C ₅ H ₄ SiMe ₂ tBu) ₂ Ln(^{1/4} -SR)] ₂ (R=Me, Ln=Yb, Er, Dy, Y; R=nBu, Ln=Yb, Dy). <i>Polyhedron</i> , 2007, 26, 4986-4992.	1.0	14
113	Unprecedented trinodal four-connected FRL MOF based on mixed ligands. <i>Dalton Transactions</i> , 2009, , 4847.	1.6	14
114	Synthesis and crystal structure of a novel luminescent zinc complex of 2-benzoylbenzoic acid. <i>Journal of Coordination Chemistry</i> , 2005, 58, 1417-1421.	0.8	13
115	Facile construction of novel organolanthanide square-planar macrocycles through addition of carbodiimide to an amino group. <i>Dalton Transactions</i> , 2007, , 2718.	1.6	13
116	Synthesis and characterization of nickel phosphonopropionate hybrid materials. <i>Inorganic Chemistry Communication</i> , 2007, 10, 447-450.	1.8	13
117	Systematic exploration of a rutile-type zinc(ii)-phosphonocarboxylate open framework: the factors that influence the structure. <i>Dalton Transactions</i> , 2010, 39, 10712.	1.6	13
118	Syntheses, structures and magnetic properties of two isostructural metal-phosphonate frameworks. <i>Inorganica Chimica Acta</i> , 2013, 402, 104-108.	1.2	13
119	New organically templated gallium oxalate-phosphate structures based on Ga ₄ (PO ₄) ₄ (C ₂ O ₄) building unit. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1931-1937.	1.4	12
120	Crystal engineering of zinc(ii) and copper(ii) complexes containing 3,5-dimethylisoxazole-4-carboxylate ligand via O-H...N, C-H...A (A = N, O and I) and bifurcated C-H...N/O interactions. <i>CrystEngComm</i> , 2007, 7, 35-38.	1.3	12
121	Supramolecular architectures based on transition metal complexes with 1-(3-pyridyl)-2-(4-pyrimidyl)ethene. <i>CrystEngComm</i> , 2008, 10, 915.	1.3	12
122	Controllable preparation and structures of two zinc phosphonocarboxylate frameworks with MER and RHO zeolitic topologies. <i>CrystEngComm</i> , 2013, 15, 7056.	1.3	12
123	Alkaline earth metal-organic frameworks supported by ditopic carboxylates. <i>Journal of Coordination Chemistry</i> , 2013, 66, 826-835.	0.8	11
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