

Zhenxia Chen

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.

172
papers

9,010
citations

44
h-index

91
g-index

180
ext. papers

9,518
ext. citations

4.7
avg, IF

5.71
L-index

#	Paper	IF	Citations
172	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	14.7	5
171	Chemically Engineered Porous Molecular Coatings as Reactive Oxygen Species Generators and Reservoirs for Long-Lasting Self-Cleaning Textiles.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202115956	16.4	5
170	Controlled syntheses of Mg-MOF-74 nanorods for drug delivery. <i>Journal of Solid State Chemistry</i> , 2021 , 294, 121853	3.3	11
169	Precise regulating synergistic effect in metal-organic framework for stepwise-controlled adsorption. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1666-1674	6.8	2
168	Hollow carbon nanospheres dotted with Gd-Fe nanoparticles for magnetic resonance and photoacoustic imaging. <i>Nanoscale</i> , 2021 , 13, 10943-10952	7.7	3
167	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	5.3	7
166	Bioisosteric replacements of the indole moiety for the development of a potent and selective PI3K inhibitor: Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2021 , 223, 113661	6.8	2
165	Post-synthetic anchoring Fe(III) into a fcu-type Zr-MOF for the catalyzed hydrolysis of 5-hydroxymethoxyfurfural. <i>Microporous and Mesoporous Materials</i> , 2021 , 328, 111449	5.3	1
164	Multimetal lanthanide phosphonocarboxylate frameworks: structures, colour tuning and near-infrared emission. <i>Dalton Transactions</i> , 2021 , 50, 7380-7387	4.3	2
163	Coordination and space confined preparation of nickel sub-nanoparticles within a metal-organic framework for catalytic degradation of methyl orange. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104363	6.8	5
162	An Yttrium Organic cyclo-P Complex and Its Selective Conversions. <i>Inorganic Chemistry</i> , 2019 , 58, 8451-8459	12	
161	A robust etb-type metal-organic framework showing polarity-exclusive adsorption of acetone over methanol for their azeotropic mixture. <i>Chemical Communications</i> , 2019 , 55, 6495-6498	5.8	9
160	Cobalt substitution in a flexible metal-organic framework: modulating a soft paddle-wheel unit for tunable gate-opening adsorption. <i>Dalton Transactions</i> , 2019 , 48, 7100-7104	4.3	8
159	Hydrothermal syntheses and anion-induced structural transformation of three Cadmium phosphonates. <i>Journal of Solid State Chemistry</i> , 2018 , 261, 9-15	3.3	3
158	Cation-Exchange Approach to Tuning the Flexibility of a Metal-Organic Framework for Gated Adsorption. <i>Inorganic Chemistry</i> , 2017 , 56, 5069-5075	5.1	15
157	A two-dimensional zinc Phosphonate: Synthesis, structure and photoluminescence properties. <i>Inorganic Chemistry Communication</i> , 2017 , 84, 59-62	3.1	2
156	Unprecedented highly efficient capture of glycopeptides by FeO@Mg-MOF-74 core-shell nanoparticles. <i>Chemical Communications</i> , 2017 , 53, 4018-4021	5.8	51

155	A CuI-Phosphonotriazolate Coordination Polymer Based on [Cu ₄ Cl] Cluster for Fluorescent Sensing of O ₂ . <i>ChemistrySelect</i> , 2016 , 1, 1917-1920	1.8	8
154	HCl chemisorption-induced drastic magneto-structural transformation in a layered cobalt-phosphonotriazolate coordination polymer. <i>Dalton Transactions</i> , 2016 , 45, 10510-3	4.3	7
153	Three Zinc(II) Phosphonates: Syntheses, Structures and Sensing of Copper(II) Ions. <i>ChemPlusChem</i> , 2016 , 81, 822-827	2.8	7
152	A two-dimensional Ni(II) coordination polymer built of 4-(1,2,4-triazol-4-yl)phenylphosphonate: Synthesis, structure and ferromagnetic magnetic property. <i>Inorganica Chimica Acta</i> , 2016 , 447, 1-5	2.7	4
151	Acid-induced Zn(II)-based metal-organic frameworks for encapsulation and sensitization of lanthanide cations. <i>CrystEngComm</i> , 2015 , 17, 2294-2300	3.3	9
150	The marriage of endo-cavity and exo-wall complexation provides a facile strategy for supramolecular polymerization. <i>Chemical Communications</i> , 2015 , 51, 3434-7	5.8	77
149	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	3.5	20
148	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	3.5	19
147	Predicting and creating 7-connected Zn ₄ O vertices for the construction of an exceptional metal-organic framework with nanoscale cages. <i>CrystEngComm</i> , 2015 , 17, 1923-1926	3.3	6
146	A highly stable indium phosphonocarboxylate framework as a multifunctional sensor for Cu(2+) and methylviologen ions. <i>Dalton Transactions</i> , 2015 , 44, 3794-800	4.3	37
145	Syntheses, Crystal Structures, and Reversible Structural Transformation of Two Zinc Coordination Polymers. <i>Chemistry Letters</i> , 2014 , 43, 997-998	1.7	1
144	Controllable preparation and structures of two zinc phosphonocarboxylate frameworks with MER and RHO zeolitic topologies. <i>CrystEngComm</i> , 2013 , 15, 7056	3.3	11
143	Trans-1,2-diphenylethylene bridged salicylaldiminato- β -indoline titanium(IV) chloride complexes: Synthesis, characterization and catalytic polymerization. <i>Journal of Organometallic Chemistry</i> , 2013 , 724, 155-162	2.3	4
142	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	3.3	26
141	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, 10368-74	5.1	75
140	Syntheses, structures and magnetic properties of two isostructural metal-phosphonate frameworks. <i>Inorganica Chimica Acta</i> , 2013 , 402, 104-108	2.7	13
139	Amine-directed structural studies of four zinc metal-organic frameworks based on a novel phosphonocarboxylate ligand. <i>Inorganic Chemistry Communication</i> , 2013 , 37, 93-96	3.1	9
138	Reactivity of Scorpionate-Anchored Yttrium Alkyl Primary Amido Complexes toward Carbodiimides. Insertion Selectivity of Y-NHAr and $\text{Y-H}_2\text{Ph}$ Bonds. <i>Organometallics</i> , 2013 , 32, 5409-5415	3.8	12

137	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, 8288-97	4.3	14
136	Enhancing CO ₂ adsorption of a Zn-phosphonocarboxylate framework by pore space partitions. <i>Chemical Communications</i> , 2013 , 49, 78-80	5.8	50
135	Pillar[5]arenes with an introverted amino group: a hydrogen bonding tuning effect. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 248-51	3.9	24
134	Room temperature C-N bond cleavage of anionic guanidinate ligand in rare-earth metal complexes. <i>Dalton Transactions</i> , 2013 , 42, 5826-31	4.3	16
133	Crystal transformation synthesis of a highly stable phosphonate MOF for selective adsorption of CO ₂ . <i>CrystEngComm</i> , 2013 , 15, 2040-2043	3.3	58
132	A flexible porous metal-azolate framework constructed by [Cu ₃ (β-OH)(μ-O)(triazolate) ₂] ⁺ building blocks: synthesis, reversible structural transformation and related magnetic properties. <i>CrystEngComm</i> , 2013 , 15, 3484	3.3	17
131	trans-1,2-Diphenylethylene Linked Isoindoline-β-cyclaldiminato Nickel(II) Halide Complexes: Synthesis, Structure, Dehydrogenation, and Catalytic Activity toward Olefin Homopolymerization. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2093-2101	2.3	4
130	Versatile Reactivity of Scorpionate-Anchored Yttrium-Dialkyl Complexes towards Unsaturated Substrates. <i>Chemistry - A European Journal</i> , 2013 , 19, 11975-83	4.8	24
129	Alkaline earth metal-organic frameworks supported by ditopic carboxylates. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 826-835	1.6	11
128	Synthesis, Structural Characterization, and Reactivity of Mono(amidinate) Rare-Earth-Metal Bis(aminobenzyl) Complexes. <i>Organometallics</i> , 2013 , 32, 7312-7322	3.8	42
127	Selective and effective binding of pillar[5,6]arenes toward secondary ammonium salts with a weakly coordinating counteranion. <i>Organic Letters</i> , 2012 , 14, 4126-9	6.2	92
126	Frustrated Lewis Pair Induced Boroauration of Terminal Alkynes. <i>Angewandte Chemie</i> , 2012 , 124, 12213-12216	3.2	14
125	Frustrated Lewis pair induced boroauration of terminal alkynes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12047-50	16.4	37
124	Oxidation and coupling of β-diketiminato ligand in lanthanide complexes: novel eight-nuclear lanthanide clusters with μ-β-Cl, and μ-O bridge. <i>Dalton Transactions</i> , 2012 , 41, 357-9	4.3	18
123	Highly effective binding of neutral dinitriles by simple pillar[5]arenes. <i>Chemical Communications</i> , 2012 , 48, 2967-9	5.8	263
122	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, 4007-11	4.3	24
121	Solvothermal in situ synthesis of cyanide-containing ternary silver(I) coordination polymers and their phosphorescent properties. <i>CrystEngComm</i> , 2012 , 14, 1425-1431	3.3	13
120	Me-Si bond cleavage of anionic bis(trimethylsilyl)amide in scorpionate-anchored rare earth metal complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 10631-8	5.1	19

119	Single-molecular artificial transmembrane water channels. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8384-7	16.4	336
118	Synthesis of pillar[5]arene dimers and their cooperative binding toward some neutral guests. <i>Organic Letters</i> , 2012 , 14, 42-5	6.2	143
117	Reactivity of Scorpionate-Anchored Yttrium Alkyl Complex toward Organic Nitriles. <i>Organometallics</i> , 2012 , 31, 7213-7221	3.8	20
116	A luminescent mixed-lanthanide metal-organic framework thermometer. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3979-82	16.4	896
115	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	2.3	23
114	Metal complexes as templates: syntheses, structures, and luminescent properties of two zinc phosphonocarboxylates with ABW-zeolite topology. <i>Dalton Transactions</i> , 2012 , 41, 4079-83	4.3	22
113	Pillar[n]arenes (n = 8-10) with two cavities: synthesis, structures and complexing properties. <i>Chemical Communications</i> , 2012 , 48, 10999-1001	5.8	154
112	A zinc(II) metal-organic framework based on triazole and dicarboxylate ligands for selective adsorption of hexane isomers. <i>Chemical Communications</i> , 2011 , 47, 7197-9	5.8	44
111	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	3.3	30
110	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, 3442-6	5.1	111
109	Facile Synthesis of Organolanthanide Hydrides with Metallic Potassium: Crystal Structures and Reactivity. <i>Organometallics</i> , 2011 , 30, 4320-4324	3.8	12
108	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	2	63
107	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	3.5	37
106	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	2.3	52
105	A Metal-Organic Framework with Optimized Open Metal Sites and Pore Spaces for High Methane Storage at Room Temperature. <i>Angewandte Chemie</i> , 2011 , 123, 3236-3239	3.6	36
104	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</i> , 2011 , 123, 12435-12439	3.6	35
103	Selective Artificial Transmembrane Channels for Protons by Formation of Water Wires. <i>Angewandte Chemie</i> , 2011 , 123, 12772-12776	3.6	68
102	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, 3178-81	16.4	321

101	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, 12227-31	16.4	91
100	Selective artificial transmembrane channels for protons by formation of water wires. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12564-8	16.4	305
99	Synthesis of isorecticular zinc(II)-phosphonocarboxylate frameworks and their application in the Friedel-Crafts benzylation reaction. <i>Chemistry - A European Journal</i> , 2011 , 17, 10323-8	4.8	34
98	Preparation of mononuclear, homodinuclear, and heterotrimeric complexes by salicylaldiminato-functionalized imidazolium salt: approach to multifunctional catalysts. <i>Chemistry - A European Journal</i> , 2011 , 17, 11041-51	4.8	21
97	Two-step synthesis, structure and adsorption property of a dynamic zinc phosphonocarboxylate framework. <i>CrystEngComm</i> , 2011 , 13, 3378	3.3	30
96	Rare-earth metal-mediated addition/cyclization of the 2-cyanobenzoamino anion. <i>Dalton Transactions</i> , 2011 , 40, 9098-100	4.3	7
95	Insertion of Isocyanate and Isothiocyanate into the Ln-B Bond of Organolanthanide Phosphides. <i>Organometallics</i> , 2011 , 30, 5809-5814	3.8	42
94	Synthesis, structures, and reactivity of yttrium alkyl and alkynyl complexes with mixed Tp(Me ₂)/Cp ligands. <i>Inorganic Chemistry</i> , 2011 , 50, 11813-24	5.1	41
93	Reactivity of lanthanocene hydroxides toward carbodiimide and CO ₂ : Synthesis and characterization of lanthanide ureido and carbonate complexes. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2648-2653	2.3	3
92	Self-assembly and proton conductance of organic nanotubes from pillar[5]arenes. <i>Tetrahedron Letters</i> , 2011 , 52, 2484-2487	2	91
91	A rutile-type porous zinc(II)-phosphonocarboxylate framework: local proton transfer and size-selected catalysis. <i>Chemical Communications</i> , 2010 , 46, 1100-2	5.8	58
90	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, 5715-22	5.1	55
89	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	3.5	47
88	Systematic exploration of a rutile-type zinc(II)-phosphonocarboxylate open framework: the factors that influence the structure. <i>Dalton Transactions</i> , 2010 , 39, 10712-8	4.3	13
87	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	2.3	92
86	Cadmium imidazolate frameworks with polymorphism, high thermal stability, and a large surface area. <i>Chemistry - A European Journal</i> , 2010 , 16, 1137-41	4.8	132
85	1,2,4-Diazaphospholide complexes of tin(II): from nitride stannylene to stannyleneated ammonium ions. <i>Chemistry - A European Journal</i> , 2009 , 15, 6581-5	4.8	19
84	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, 2738-49	11	69

83	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	2.7	27
82	Reversible Two-Dimensional/Three Dimensional Framework Transformation within a Prototype Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2009 , 9, 5293-5296	3.5	91
81	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	3.5	31
80	1,2,4-Diazaphospholide complexes of barium: mechanism of formation and crystallographic characterization. <i>Inorganic Chemistry</i> , 2009 , 48, 2967-75	5.1	18
79	Synthesis of Fused Aminocarbalauminum Hydrides by the Hydroalumination of Bulky Isocyanides. <i>Organometallics</i> , 2009 , 28, 1263-1265	3.8	4
78	Synthesis of mixed Cp/Tp(Me ₂) lanthanide complexes from lanthanocene precursors and their structures and reactivities. <i>Inorganic Chemistry</i> , 2009 , 48, 1774-81	5.1	14
77	Synthesis of Potassium/Magnesium Ate Complexes with a Bulky Diamido Ligand. <i>Organometallics</i> , 2009 , 28, 5281-5284	3.8	15
76	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 , 1806-11	4.3	21
75	Unprecedented trinodal four-connected FRL MOF based on mixed ligands. <i>Dalton Transactions</i> , 2009 , 4847-9	4.3	14
74	Facile construction of the guanidine substituent or guanidinate anionic ligand through addition of the adjacent amino group to carbodiimide. <i>Dalton Transactions</i> , 2009 , 3298-305	4.3	15
73	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	3.5	62
72	Supramolecular architectures based on transition metal complexes with 1-(3-pyridyl)-2-(4?-pyrimidyl)ethene. <i>CrystEngComm</i> , 2008 , 10, 915	3.3	10
71	Structural diversity of 1,2,4-diazaphospholide complexes with alkali metals. <i>Chemical Communications</i> , 2008 , 2266-8	5.8	26
70	1,2,4-Diazaphospholide complexes of samarium(III). <i>Inorganic Chemistry</i> , 2008 , 47, 9739-41	5.1	30
69	Facile construction of a novel aminoquinazolate anionic ligand through organolanthanide-mediated intermolecular nucleophilic addition/cyclization of anthranilonitrile. <i>Inorganic Chemistry</i> , 2008 , 47, 5552-4	5.1	20
68	Controllable one-step synthesis of spirocycles, polycycles, and di- and tetrahydronaphthalenes from aryl-substituted propargylic alcohols. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6845-8	4.2	52
67	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	3.1	24
66	Facile construction of novel organolanthanide square-planar macrocycles through addition of carbodiimide to an amino group. <i>Dalton Transactions</i> , 2007 , 2718-22	4.3	13

65	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	5.8	22
64	Crystal engineering of zinc(II) and copper(II) complexes containing 3,5-dimethylisoxazole-4-carboxylate ligand via O π -N, C π -A (A = N, O and π) and bifurcated C π -N/O interactions. <i>CrystEngComm</i> , 2007 , 9, 35-38	3.3	11
63	Selective reaction based on the linked diamido ligands of dinuclear lanthanide complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 5252-9	5.1	26
62	Multiple N π Bond Activation: Synthesis and Reactivity of Functionalized Primary Amido Ytterbium Complexes. <i>Organometallics</i> , 2007 , 26, 1934-1946	3.8	51
61	Facile construction of lanthanide metallomacrocycles with the bridging imidazolate and triazolate ligands and their ring expansions. <i>Inorganic Chemistry</i> , 2007 , 46, 321-7	5.1	32
60	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, 4146-54	4.8	315
59	Two novel benzenedicarboxylate-metal complexes: synthesis, crystal structures and fluorescent properties. <i>Applied Organometallic Chemistry</i> , 2007 , 21, 150-155	3.1	6
58	Synthesis and Reactivity of Cobalt Complexes with Pendant Nitrogen Functional Groups. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5127-5137	2.3	7
57	Synthesis and characterization of nickel phosphonopropionate hybrid materials. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 447-450	3.1	13
56	The first lanthanide carboxylate complex constructed from hydroxyl bridging bimetallic units: Hydrothermal synthesis, crystal structure and luminescent properties. <i>Inorganica Chimica Acta</i> , 2007 , 360, 3431-3435	2.7	8
55	Synthesis, structure, and adsorption properties of a three-dimensional porous yttrium-organic coordination network. <i>Microporous and Mesoporous Materials</i> , 2007 , 98, 16-20	5.3	14
54	A new family of dimeric lanthanide (III) complexes: Synthesis, structures and photophysical property. <i>Journal of Molecular Structure</i> , 2007 , 871, 59-66	3.4	17
53	Insertion reaction of elemental sulfur into the Ln π bond: Synthesis and characterization of [(C ₅ H ₄ SiMe ₂ tBu) ₂ Ln(π SR)] ₂ (R=Me, Ln=Yb, Er, Dy, Y; R=nBu, Ln=Yb, Dy). <i>Polyhedron</i> , 2007 , 26, 4986-4992	2.7	12
52	A zeolite-like zinc phosphonocarboxylate framework and its transformation into two- and three-dimensional structures. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1549-54	4.5	41
51	Hydrothermal synthesis, crystal structure and luminescence of four novel metal-organic frameworks. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 4037-4046	3.3	57
50	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	3.1	18
49	Synthesis and Characterization of [Cp ₂ Ln(π -1,2-OC(SR) π CPh ₂)] ₂ (R=Bn, Ph and Ln=Yb, Er, Y). <i>Chinese Journal of Chemistry</i> , 2006 , 24, 231-234	4.9	3
48	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. <i>Journal of Materials Chemistry</i> , 2006 , 16, 1511		123

47	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, 11652-62	16.4	539
46	Reactivity of lanthanocene hydroxides toward ketene, isocyanate, lanthanocene alkyl, and triscyclopentadienyllanthanide complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 5867-77	5.1	31
45	An Aqueous Cooperative Assembly Route To Synthesize Ordered Mesoporous Carbons with Controlled Structures and Morphology. <i>Chemistry of Materials</i> , 2006 , 18, 5279-5288	9.6	226
44	Construction of 3D layer-pillared homoligand coordination polymers from a 2D layered precursor. <i>Inorganic Chemistry</i> , 2006 , 45, 8677-84	5.1	67
43	Pore structures of ordered large cage-type mesoporous silica FDU-12s. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 21467-72	3.4	93
42	Reactivity of Organolanthanide Derivatives Containing the o-Aminothiophenolate Ligand toward Carbodiimide. <i>Organometallics</i> , 2006 , 25, 4571-4578	3.8	26
41	Synthesis, Structural Characterization, and Reactivity of Lanthanide Complexes Containing a New Methylene-Bridged Indenylpyrrolyl Dianionic Ligand. <i>Organometallics</i> , 2006 , 25, 5165-5172	3.8	35
40	Phase behavior and polymerization of lyotropic phases. II. A series of polymerizable amphiphiles with systematically varied critical packing parameters. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5887-5897	2.5	6
39	Insertion Reactions of PhEtCCO and PhNCO into Ln-S (Ln = Er, Y, Yb) Bond of [Cp ₂ Ln(EBEt)] ₂ . <i>Journal of Rare Earths</i> , 2006 , 24, 9-14	3.7	5
38	Solvothermal synthesis and removal capacity for hydrogen chloride gas of Zn(OH)(NO ₃) with a rare (10,3)-d net. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 1230-1236	3.3	7
37	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	3.3	11
36	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	9.6	931
35	Facile Transformations of Lanthanocene Alkyls to Lanthanocene Thiolate, Sulfide, and Disulfide Derivatives by Reaction with Elemental Sulfur. <i>Organometallics</i> , 2005 , 24, 1982-1988	3.8	47
34	Syntheses and crystal structures of two novel lanthanide coordination compounds of 3-aminobenzoic acid. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 647-652	1.6	7
33	Hydrothermal synthesis of a strongly luminescent dimeric dysprosium complex. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 841-847	1.6	3
32	Synthesis, structure and luminescence of novel 1D chain coordination polymers [Ln(isophth)(Hisophth)(H ₂ O) ₄ (H ₂ O)] _n (Ln=Sm, Dy). <i>Journal of Molecular Structure</i> , 2005 , 741, 141-147	3.4	30
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30	Two novel luminescent zinc supramolecular networks with nicotinate derivatives by hydrothermal process. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 1165-1168	3.1	6

29	Synthesis and reactivity of organolanthanide complexes containing phenothiazine ligand toward carbodiimide and isothiocyanate. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 4926-4932	2.3	30
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25	Hydrothermal synthesis and characterization of new hybrid open-framework indium phosphate-oxalates. <i>Science Bulletin</i> , 2004 , 49, 658		
24	Hydrothermal synthesis and characterization of new hybrid open-framework indium phosphate-oxalates. <i>Science Bulletin</i> , 2004 , 49, 658-664		8
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22	Dimethyl 2-(4-bromophenyl)-10,11-dimethoxy-2,3,7,8-tetrahydrospiro[azepino[2,1-a]isoquinoline-3,9'-fluorene]-4,5-dicarboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, o680-1		
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18	Different crystal structure and photophysical properties of lanthanide complexes with 5-bromonicotinic acid. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 3805-3814	3.3	57
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15	A novel unexpected two-dimensional layer-like luminescent dysprosium coordination polymer [Dy ₂ (phth) ₃ H ₂ O] _n by hydrothermal synthesis. <i>Canadian Journal of Chemistry</i> , 2004 , 82, 1745-1751	0.9	7
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2	Hollow carbon nanospheres embedded with stoichiometric Fe ₂ O ₃ and GdPO ₄ : tuning the nanospheres for in vitro and in vivo size effect evaluation. <i>Nanoscale Advances</i> ,	5.1	2
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