

# Taka-aki Okamura

## List of Publications by Year in descending order

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269  
papers

8,584  
citations

41627

51  
h-index

73587

79  
g-index

280  
all docs

280  
docs citations

280  
times ranked

5602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Enhancement of a $\pi$ -Stacked Helical Structure Using Substituents of an Amino Acid Side Chain: Helix Formation via a Nucleation-Elongation Mechanism. <i>Journal of the American Chemical Society</i> , 2022, 144, 6080-6090.	6.6	13
2	Polymerization of expanded l-amino acids containing terminal pyridyl groups by silver(I) ions in nonpolar solvent. <i>Polymer Journal</i> , 2022, 54, 883-891.	1.3	1
3	Conformational Switch of Arylopeptide: Helix-Helix Transition Based on Side Chain Solvation. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100250.	2.0	3
4	Crystal-to-Crystal Isomerization via Drastic Intramolecular Ligand Exchange: Vapochromism of a Bis(arenethiolato)cobalt(II) Complex Containing Bulky Acylamino Groups. <i>Inorganic Chemistry</i> , 2020, 59, 1164-1168.	1.9	4
5	Synthesis of an optically active polymer containing a planar phthalimide backbone by asymmetric polymerization. <i>Polymer Chemistry</i> , 2020, 11, 6241-6250.	1.9	2
6	Construction of Helically Stacked $\pi$ -Electron Systems in Poly(quinolylene-2,3-methylene) Stabilized by Intramolecular Hydrogen Bonds. <i>Angewandte Chemie</i> , 2020, 132, 10372-10377.	1.6	1
7	Frontispiz: Construction of Helically Stacked $\pi$ -Electron Systems in Poly(quinolylene-2,3-methylene) Stabilized by Intramolecular Hydrogen Bonds. <i>Angewandte Chemie</i> , 2020, 132, .	1.6	0
8	Frontispiece: Construction of Helically Stacked $\pi$ -Electron Systems in Poly(quinolylene-2,3-methylene) Stabilized by Intramolecular Hydrogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	7.2	0
9	Folding control of a non-natural glycopeptide using saccharide-coded structural information for polypeptides. <i>Chemical Communications</i> , 2020, 56, 2767-2770.	2.2	5
10	Construction of Helically Stacked $\pi$ -Electron Systems in Poly(quinolylene-2,3-methylene) Stabilized by Intramolecular Hydrogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10286-10291.	7.2	15
11	Zigzag-Helix Transformation of Expanded Polyvaline Induced by Racemization. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2950-2952.	1.7	2
12	Living Cyclocopolymerization through Alternating Insertion of Isocyanide and Allene via Controlling the Reactivity of the Propagation Species: Detailed Mechanistic Investigation. <i>Journal of the American Chemical Society</i> , 2019, 141, 15307-15317.	6.6	13
13	Side-Chain-Driven Dual Structural System of Poly-Arylopeptide: Selective Helical Formation Derived from Aromatic Ring Flips on the Backbone. <i>ACS Macro Letters</i> , 2019, 8, 694-699.	2.3	7
14	Polymerization based on alternating insertion of an isocyanide and alkyne into palladium-carbon bonds. <i>Polymer Chemistry</i> , 2018, 9, 2797-2804.	1.9	10
15	Synthesis of helical polyisocyanides bearing aza-crown ether groups as pendant. <i>Journal of Polymer Science Part A</i> , 2018, 56, 496-504.	2.5	16
16	Crystal Structures of Expanded Poly(L-leucine) Isomers Containing Bis(pyridine)silver(I) Moieties: Precise Formation of Secondary Structure Depending on the Side Chain. <i>Chemistry - A European Journal</i> , 2018, 24, 13437-13440.	1.7	3
17	Cyclocopolymerization Based on Alternating Insertions of Isocyanide and Allene Units into a Palladium-Carbon Bond. <i>Macromolecules</i> , 2018, 51, 6092-6098.	2.2	13
18	Snapshot of Oxidation of Thiolate by Diiodine: Stabilization of Intermediate by NH <sub>2</sub> -S Hydrogen Bonds. <i>Journal of Organic Chemistry</i> , 2017, 82, 2187-2192.	1.7	10

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19	Strategic Construction of Chiral Helices: Expanded Poly( <i>l</i> -leucine) Containing <i>p</i> -Phenylene Moieties. <i>Macromolecules</i> , 2017, 50, 3500-3509.	2.2	9
20	Post-polymerization modification of the side chain in optically active polymers by thiol-ene reaction. <i>Polymer Chemistry</i> , 2017, 8, 985-994.	1.9	14
21	Synthesis of Nonnatural Helical Polypeptide via Asymmetric Polymerization and Reductive Cleavage of N-O Bond. <i>Macromolecules</i> , 2017, 50, 5301-5307.	2.2	21
22	One-pot synthesis of imidazolium salts via the ring opening of tetrahydrofuran. <i>Dalton Transactions</i> , 2017, 46, 12430-12433.	1.6	9
23	Synthesis and solution structure of desoxotungsten(IV) and monooxotungsten(VI) benzenedithiolate complexes containing two intramolecular NH-S hydrogen bonds. <i>Inorganica Chimica Acta</i> , 2017, 467, 379-384.	1.2	2
24	Unexpected Reaction Promoted by NH $\cdots$ O=Mo Hydrogen Bonds in Nonpolar Solvents. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2952-2961.	1.0	8
25	Planar-Chiral Cyclopentadienyl Ruthenium-Catalyzed Regio- and Enantioselective Asymmetric Allylic Alkylation of Silyl Enolates under Unusually Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 555-560.	2.1	28
26	Enantio- and diastereoselective polymerization: asymmetric allylic alkylation catalyzed by a planar-chiral Cp <sup>2</sup> Ru complex. <i>Polymer Chemistry</i> , 2016, 7, 3691-3699.	1.9	11
27	Comparative studies on the contribution of NH-S hydrogen bonds in tungsten and molybdenum benzenedithiolate complexes. <i>Dalton Transactions</i> , 2016, 45, 15651-15659.	1.6	6
28	Synthesis, structure and sorption property of metal complexes with mixed multicarboxylate and imidazole-containing ligands. <i>Microporous and Mesoporous Materials</i> , 2016, 219, 199-208.	2.2	13
29	Synthesis and structures of soluble magnesium and zinc carboxylates containing intramolecular NH-O hydrogen bonds in nonpolar solvents. <i>Dalton Transactions</i> , 2015, 44, 7512-7523.	1.6	5
30	Enantio- and diastereoselective asymmetric allylic alkylation catalyzed by a planar-chiral cyclopentadienyl ruthenium complex. <i>Chemical Communications</i> , 2015, 51, 10895-10898.	2.2	32
31	New Synthetic Approach for Optically Active Polymer Bearing Chiral Cyclic Architecture: Combination of Asymmetric Allylic Amidation and Ring-Closing Metathesis Reaction. <i>Macromolecules</i> , 2015, 48, 8437-8444.	2.2	13
32	Significant differences of monooxotungsten(IV) and dioxotungsten(VI) benzenedithiolates containing two intramolecular NH-S hydrogen bonds from molybdenum analogues. <i>Dalton Transactions</i> , 2015, 44, 18090-18100.	1.6	3
33	Efficient uptake of dimethyl sulfoxide by the desoxomolybdenum(IV) dithiolate complex containing bulky hydrophobic groups. <i>Dalton Transactions</i> , 2015, 44, 6260-6267.	1.6	6
34	Modeling of the hydrophobic microenvironment of water-soluble molybdoenzymes in an aqueous micellar solution. <i>Dalton Transactions</i> , 2015, 44, 12618-12622.	1.6	1
35	Polyethylene (PE; Low Density and High Density). , 2015, , 1826-1829.		1
36	A series of divalent metal complexes with mixed 5-(imidazol-1-ylmethyl)isophthalic acid and N-donor ligands: Synthesis, characterization and property. <i>Polyhedron</i> , 2014, 72, 8-18.	1.0	7

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37	Regulation of the Hydrolytic Activity of Mg <sup>2+</sup> -Dependent Phosphatase Models by Intramolecular NH <sup>+</sup> ⋯O Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2014, 136, 14639-14641.	6.6	19
38	Zinc(ii) and cadmium(ii) metal-organic frameworks with 4-imidazole containing tripodal ligand: sorption and anion exchange properties. <i>Dalton Transactions</i> , 2014, 43, 6012.	1.6	47
39	Behavior of anionic molybdenum( <sup>iv</sup> ) and tungsten( <sup>iv</sup> , <sup>vi</sup> ) complexes containing bulky hydrophobic dithiolate ligands and intramolecular NH <sup>+</sup> S hydrogen bonds in nonpolar solvents. <i>Dalton Transactions</i> , 2014, 43, 15491-15502.	1.6	19
40	Structural modulation of silver complexes and their distinctive catalytic properties. <i>Dalton Transactions</i> , 2014, 43, 2252-2258.	1.6	25
41	New Method for Asymmetric Polymerization: Asymmetric Allylic Substitution Catalyzed by a Planar-Chiral Ruthenium Complex. <i>Macromolecules</i> , 2014, 47, 4178-4185.	2.2	22
42	Asymmetric Auto-Tandem Catalysis with a Planar-Chiral Ruthenium Complex: Sequential Allylic Amidation and Atom-Transfer Radical Cyclization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4897-4901.	7.2	92
43	Metal complex with terpyridine derivative ligand as highly selective colorimetric sensor for iron(III). <i>Chinese Chemical Letters</i> , 2013, 24, 20-22.	4.8	15
44	Systematic Investigation of Relationship between Strength of NH <sup>+</sup> S Hydrogen Bond and Reactivity of Molybdoenzyme Models. <i>Inorganic Chemistry</i> , 2013, 52, 381-394.	1.9	26
45	Zinc(II) and Cadmium(II) Complexes with 1,3,5-Benzenetricarboxylate and Imidazole-Containing Ligands: Structural Variation via Reaction Temperature and Solvent. <i>Crystal Growth and Design</i> , 2013, 13, 2312-2321.	1.4	118
46	Strong NH <sup>+</sup> S hydrogen bonds in molybdoenzyme models containing anilide moieties. <i>Dalton Transactions</i> , 2013, 42, 7569.	1.6	8
47	Contribution of Intramolecular NH <sup>+</sup> ⋯O Hydrogen Bonds to Magnesium-Carboxylate Bonds. <i>Inorganic Chemistry</i> , 2013, 52, 10812-10824.	1.9	13
48	Synthesis, characterization, and properties of copper and manganese complexes with 5-(benzimidazol-1-ylmethyl)isophthalate. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3147-3159.	0.8	14
49	Coordination polymers with mixed 4,4'-bipyridine-2,2',6,6'-tetracarboxylate and imidazole-containing ligands: synthesis, structure and properties. <i>CrystEngComm</i> , 2012, 14, 8642.	1.3	11
50	Dynamic porous metal-organic frameworks: synthesis, structure and sorption property. <i>CrystEngComm</i> , 2012, 14, 8569.	1.3	33
51	Syntheses, structures, and properties of CdII and CoII complexes with 5-(pyridin-4-yl)isophthalate. <i>Journal of Coordination Chemistry</i> , 2012, 65, 4409-4418.	0.8	11
52	Construction of coordination frameworks based on 4-imidazolyl tecton 1,4-di(1H-imidazol-4-yl)benzene and varied carboxylic acids. <i>CrystEngComm</i> , 2012, 14, 3564.	1.3	71
53	Silver supramolecule catalyzed multicomponent reactions under mild conditions. <i>Dalton Transactions</i> , 2012, 41, 5889.	1.6	47
54	Structural diversity of terpyridine-based metal complexes with varied dicarboxylate auxiliary ligands. <i>Polyhedron</i> , 2012, 44, 18-27.	1.0	15

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55	Synthesis, Crystal Structure and Photoluminescent Property of Metal-Organic Frameworks with Mixed Carboxylate and Imidazole-Containing Ligands. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2016-2022.	2.6	18
56	Selective and Effective Stabilization of Mo <sup>VI</sup> -O Bonds by NH <sub>2</sub> -S Hydrogen Bonds via <i>Trans</i> Influence. <i>Inorganic Chemistry</i> , 2012, 51, 11688-11697.	1.9	26
57	Synthesis and Characterization of Metal Complexes with Mixed 4-Imidazole-Containing Tripodal Ligand and Varied Dicarboxylic Acid. <i>Crystal Growth and Design</i> , 2012, 12, 2315-2326.	1.4	50
58	Metal-organic frameworks with N-(4-pyridylmethyl)iminodiacetate ligand: Synthesis, structure and sorption properties. <i>Microporous and Mesoporous Materials</i> , 2012, 152, 96-103.	2.2	34
59	Coordination polymers constructed by diverse metal centers and the rigid ligand 3,5-di(1H-imidazol-1-yl)pyridine: Synthesis, structure and properties. <i>Polyhedron</i> , 2012, 38, 88-96.	1.0	20
60	A series of silver(i)-lanthanide(iii) heterometallic coordination polymers: syntheses, structures and photoluminescent properties. <i>CrystEngComm</i> , 2011, 13, 3801.	1.3	54
61	Single-crystal-to-single-crystal transformations and selective adsorption of porous copper(ii) frameworks. <i>Chemical Communications</i> , 2011, 47, 3787.	2.2	98
62	Entangled Coordination Frameworks with 1,4-Di(1H-imidazol-4-yl)benzene. <i>Crystal Growth and Design</i> , 2011, 11, 1082-1090.	1.4	48
63	Novel Cobalt(II) Coordination Polymers Constructed from 3,3',4,4'-Oxydiphthalic Acid and N-Donor Ligands: Syntheses, Crystal Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2011, 11, 3885-3894.	1.4	105
64	Syntheses, Characterization, and Properties of Three-Dimensional Pillared Frameworks with Entanglement. <i>Crystal Growth and Design</i> , 2011, 11, 1159-1169.	1.4	84
65	pH Dependent Structural Diversity of Metal Complexes with 5-(4H-1,2,4-Triazol-4-yl)benzene-1,3-dicarboxylic Acid. <i>Crystal Growth and Design</i> , 2011, 11, 1901-1912.	1.4	127
66	Reversible Single-Crystal-to-Single-Crystal Transformation and Highly Selective Adsorption Property of Three-Dimensional Cobalt(II) Frameworks. <i>Inorganic Chemistry</i> , 2011, 50, 985-991.	1.9	124
67	Synthesis, structure and property of lanthanide-organic frameworks with pyridyl- and carboxylate-containing ligand. <i>Inorganica Chimica Acta</i> , 2011, 366, 268-274.	1.2	5
68	Porous zinc(II) frameworks with 5-(isonicotinamido)isophthalate: Syntheses, structures and properties. <i>Microporous and Mesoporous Materials</i> , 2011, 139, 25-30.	2.2	29
69	Three-dimensional 3d-4f heterometallic coordination polymers: syntheses, structures and properties. <i>Supramolecular Chemistry</i> , 2011, 23, 117-124.	1.5	6
70	Copper(II) and zinc(II) complexes with macrocyclic ligand: Structure variation via counteranion and co-ligand. <i>Journal of Molecular Structure</i> , 2010, 973, 104-115.	1.8	7
71	Syntheses, structures and properties of silver(I) complexes with flexible 1,3,5-tris(pyridylmethoxyl)benzene ligands. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2174-2182.	1.4	4
72	Syntheses and characterization of inorganic-organic hybrids with 4-(isonicotinamido)phthalate and some divalent metal centers. <i>Polyhedron</i> , 2010, 29, 2454-2461.	1.0	17

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73	Synthesis, structure and property of manganese(II) complexes with mixed tetradentate imidazole-containing ligand and benzenedicarboxylate. <i>Inorganica Chimica Acta</i> , 2010, 363, 3550-3557.	1.2	14
74	Imidazolate-bridged dinuclear copper(II) complex with new macrocyclic ligand bearing two 1H-imidazol-4-yl-pendants. <i>Inorganic Chemistry Communication</i> , 2010, 13, 847-851.	1.8	17
75	Zinc(II) Complexes with 1H-imidazol-4-yl-Containing Polyamine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 2009-2015.	0.6	4
76	Interpenetrating and Self-Penetrating Zinc(II) Complexes with Rigid Tripodal Imidazole-Containing Ligand and Benzenedicarboxylate. <i>Crystal Growth and Design</i> , 2010, 10, 1911-1922.	1.4	152
77	Ligand-Directed and pH-Controlled Assembly of Chiral 3d <sup>~</sup> 3d Heterometallic Metal <sup>~</sup> Organic Frameworks. <i>Crystal Growth and Design</i> , 2010, 10, 3515-3521.	1.4	137
78	Synthesis, Crystal Structure, and Photoluminescence of a Series of Zinc(II) Coordination Polymers with 1,4-Di(1 <i>H</i> -imidazol-4-yl)benzene and Varied Carboxylate Ligands. <i>Crystal Growth and Design</i> , 2010, 10, 812-822.	1.4	112
79	Metal <sup>~</sup> organic frameworks with oxazoline-containing tripodal ligand: structure changes via reaction medium and metal-to-ligand ratio. <i>CrystEngComm</i> , 2010, 12, 4328.	1.3	23
80	Syntheses, crystal structures and properties of silver(i) and copper(ii) complexes with an oxazoline-containing tetradentate ligand. <i>New Journal of Chemistry</i> , 2010, 34, 2436.	1.4	7
81	Metal <sup>~</sup> organic frameworks with pyridyl- and carboxylate-containing ligands: syntheses, structures and properties. <i>CrystEngComm</i> , 2010, 12, 1935.	1.3	34
82	Syntheses and crystal structures of two supramolecular isomers of manganese(II) with 3,5-bis(isonicotinamido)benzoate. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2421-2428.	0.8	7
83	Syntheses, structures and properties of novel lanthanide complexes with 5-(1H-imidazol-4-yl)methylaminoisophthalic acid. <i>Solid State Sciences</i> , 2009, 11, 1903-1907.	1.5	2
84	Synthesis, structure and fluorescence of novel cadmium(II) and silver(I) complexes with in situ ligand formation of 1-(5-tetrazolyl)-4-(imidazol-1-ylmethyl)benzene. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1417-1423.	1.4	16
85	New metal <sup>~</sup> organic architectures of cobalt(II), nickel(II) and zinc(II) with tripodal ligand 5-(1H-imidazol-4-ylmethyl)aminoisophthalic acid. <i>Polyhedron</i> , 2009, 28, 2480-2486.	1.0	11
86	Novel dense organica <sup>~</sup> lanthanide hybrid architectures: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2009, , 2528.	1.6	37
87	Coordination Polymers with Varied Metal Centers and Flexible Tripodal Ligand 1,3,5-Tris(imidazol-1-ylmethyl)benzene: Synthesis, Structure, and Reversible Anion Exchange Property. <i>Crystal Growth and Design</i> , 2009, 9, 395-403.	1.4	67
88	Synthesis, structure and property of cobalt(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoic acid. <i>CrystEngComm</i> , 2009, 11, 873.	1.3	55
89	Cadmium( <i>scp</i> ) coordination polymers with flexible tetradentate ligand 1,2,4,5-tetrakis(imidazol-1-ylmethyl)benzene: anion effect and reversible anion exchange property. <i>CrystEngComm</i> , 2009, 11, 261-270.	1.3	64
90	Mass Spectrometric Analysis Using Ruthenium (II)-Labeling for Identification of Glycosyl Hydrolase Product. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 428-430.	0.6	3

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91	Color regulation and stabilization of chromophore by Cys69 in photoactive yellow protein active center. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3782.	1.5	8
92	Acidity Control by On/Off Switching of an Intramolecular NH $\cdots$ O Hydrogen Bond by E/Z Photoisomerization of Cinnamate Framework. <i>Chemistry Letters</i> , 2009, 38, 666-667.	0.7	1
93	Investigation of the Effect of the NH $\cdots$ OC Hydrogen Bond from Cys69 to PYP Chromophore Using Novel Active-center Model Compound. <i>Chemistry Letters</i> , 2009, 38, 456-457.	0.7	4
94	Terminal proteomics: N $\epsilon$ - and C $\alpha$ -terminal analyses for high-fidelity identification of proteins using MS. <i>Proteomics</i> , 2008, 8, 673-685.	1.3	45
95	Selective isolation of N-terminal peptides from proteins and their de novo sequencing by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry without regard to unblocking or blocking of N-terminal amino acids. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3313-3319.	0.7	21
96	Syntheses, Structures and Luminescent Properties of Metal Complexes with Imidazole-Containing Polyamine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 708-713.	0.6	1
97	Structure modulation of metal-organic frameworks via reaction pH: Self-assembly of a new carboxylate containing ligand N-(3-carboxyphenyl)imidodiacetic acid with cadmium(II) and cobalt(II) salts. <i>Polyhedron</i> , 2008, 27, 812-820.	1.0	49
98	pH-dependent self-assembly of copper(II) complexes with a new imidazole-containing polyamine ligand: Synthesis, structure and magnetic property. <i>Polyhedron</i> , 2008, 27, 2672-2680.	1.0	27
99	Structure diversity and reversible anion exchange properties of cadmium(II) complexes with 1,3,5-tris(imidazol-1-ylmethyl)benzene: counteranion-directed flexible ligand conformational variation. <i>CrystEngComm</i> , 2008, 10, 1052.	1.3	46
100	Effect of N-Donor Ancillary Ligands on Supramolecular Architectures of a Series of Zinc(II) and Cadmium(II) Complexes with Flexible Tricarboxylate. <i>Crystal Growth and Design</i> , 2008, 8, 3233-3245.	1.4	137
101	Zinc, Cadmium, and Mercury 1,2-Benzenedithiolates with Intramolecular NH $\cdots$ S Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2008, 47, 2837-2848.	1.9	38
102	Manipulation of an intramolecular NH $\cdots$ O hydrogen bond by photoswitching between stable E/Z isomers of the cinnamate framework. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1926.	1.5	12
103	Silver complexes with oxazoline-containing tripodal ligands: structure variation via counter anions and reaction conditions. <i>Dalton Transactions</i> , 2008, , 204-213.	1.6	56
104	Novel photosystem involving protonation and deprotonation processes modelled on a PYP photocycle. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3118.	1.5	4
105	Large (H <sub>2</sub> O) <sub>56</sub> (OH) <sub>6</sub> and (H <sub>2</sub> O) <sub>20</sub> Clusters inside a Nanometer-Sized M <sub>6</sub> L <sub>8</sub> Cage Constructed by Five-Coordinated Copper(II) and Flexible Carboxamide-Containing Tripodal Ligand. <i>Crystal Growth and Design</i> , 2008, 8, 802-804.	1.4	44
106	High sequence-coverage detection of proteolytic peptides using a bis(terpyridine)ruthenium(II) complex. <i>Analyst</i> , 2007, 132, 358.	1.7	5
107	New Metal-Organic Frameworks with Large Cavities: Selective Sorption and Desorption of Solvent Molecules. <i>Chemistry - A European Journal</i> , 2007, 13, 7523-7531.	1.7	44
108	Synthesis, crystal structure and nonlinear optical property of cadmium(II) and copper(II) complexes with novel chiral ligand. <i>Inorganic Chemistry Communication</i> , 2007, 10, 432-436.	1.8	8

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109	Synthesis and molecular structures of S-2-FcNHCOC6H4SH and [MIII(OEP)(S-2-FcNHCOC6H4)] (Fc=ferrocenyl, M=Fe, Ga): Electrochemical contributions of intramolecular SH $\cdots$ OC and NH $\cdots$ S hydrogen bonds. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 248-256.	0.8	12
110	Synthesis, Crystal Structure and Photoluminescence Property of Zinc(II), Cadmium(II), and Lead(II) Complexes with Bidentate Ligand: 1-(1-Imidazolyl)-4-(imidazol-1-ylmethyl)benzene (IIMB). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 326-331.	0.6	13
111	Anion Effect on Structure of Silver(I) Complexes with New Unsymmetrical Tripodal Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1211-1216.	0.6	10
112	Syntheses, Structures and Luminescent Properties of Three Silver(I) Complexes with a Novel Imidazole-Containing Schiff Base Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2064-2070.	0.6	15
113	Anion and Additive Effects on the Structure of Mercury(II) Halides Complexes with Tripodal Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2695-2700.	0.6	8
114	Simultaneous detection of N $\alpha$ -terminal fragment ions in a protein mixture using a ruthenium(II) complex. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2647-2653.	0.7	5
115	Specific isolation of N $\alpha$ -terminal fragments from proteins and their high-fidelity <i>de novo</i> sequencing. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3329-3336.	0.7	21
116	Structure Variation of Mercury(II) Halide Complexes with Different Imidazole-Containing Ligands. <i>Crystal Growth and Design</i> , 2007, 7, 1125-1133.	1.4	87
117	Syntheses, Structures, and Photoluminescence Properties of Metal(II) Halide Complexes with Pyridine-Containing Flexible Tripodal Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 8523-8532.	1.9	140
118	Preparation, crystal structure and properties of novel Mn(III) complex with 1,3,5-benzenetriacetic acid. <i>Journal of Coordination Chemistry</i> , 2006, 59, 429-435.	0.8	3
119	Photoinduced switching of intramolecular hydrogen bond between amide NH and carboxyl oxygen. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1338.	1.5	7
120	Syntheses, Structures, Near-Infrared and Visible Luminescence, and Magnetic Properties of Lanthanide-Organic Frameworks with an Imidazole-Containing Flexible Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 2896-2902.	1.9	215
121	Metal $\cdots$ Organic Architectures of Silver(I), Cadmium(II), and Copper(II) with a Flexible Tricarboxylate Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 3941-3948.	1.9	110
122	Silver(I) Ion Assisted Assembly of One-Dimensional Polyrotaxanes Incorporating Cucurbit[6]uril. <i>Crystal Growth and Design</i> , 2006, 6, 1420-1427.	1.4	25
123	Cadmium(II) and Copper(II) Complexes with Imidazole-Containing Tripodal Polyamine Ligands: pH and Anion Effects on Carbon Dioxide Fixation and Assembling. <i>Inorganic Chemistry</i> , 2006, 45, 8098-8107.	1.9	44
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125	O-Atom-Transfer Oxidation of [Molybdenum(IV) Oxo{3,6-(acylamino)2-1,2-benzenedithiolato}2]2-Promoted by Intramolecular NH $\cdots$ S Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2006, 45, 894-901.	1.9	32
126	Crystal Structures and $^{77}\text{Se}$ NMR Spectra of Molybdenum(IV) Areneselenolates Having Intramolecular NH $\cdots$ Se Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2006, 45, 9374-9380.	1.9	18



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129	Synthesis and Crystal Structure of Two Lanthanide Complexes with Benzenecarboxylic Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 679-683.	0.6	19
130	Molecular Cage, One-Dimensional Tube and Two-Dimensional Polycatenane obtained from Reactions of Flexible Tripodal Ligand 1,3,5-Tris(imidazol-1-ylmethyl)-2,4,6-trimethylbenzene with Copper Salts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1890-1896.	0.6	17
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132	Poly[hexabromobis[ $\hat{\wedge}$ 1/3-1,3,5-tris(imidazol-1-ylmethyl)-2,4,6-trimethylbenzene]trimercury(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1124-m1126.	0.2	1
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134	Syntheses, structures, and magnetic properties of new rare earth coordination polymers constructed by 1,3,5-benzenetriacetic acid. <i>Structural Chemistry</i> , 2006, 17, 3-11.	1.0	10
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136	Inorganic $\hat{\wedge}$ Organic Calcium Carbonate Composite of Synthetic Polymer Ligands with an Intramolecular NH $\hat{\wedge}$ $\hat{\wedge}$ O Hydrogen Bond. , 2006, , 155-193.		7
137	Observation of a Large Current on the Cyclic Voltammetry of Acylaminoferrocenes in the Solid State: An Efficient Electron-Transfer Pathway through Continuous NH $\hat{\wedge}$ $\hat{\wedge}$ O=C Hydrogen-Bond Chains and $\hat{\wedge}$ -Conjugation. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1270-1278.	2.0	8
138	Application of Bis(terpyridine)ruthenium(II) to N-Terminal Amino Acid Sequencing. <i>Chemistry Letters</i> , 2005, 34, 332-333.	0.7	11
139	Monooxomolybdenum(IV) Complex with Extremely Bulky Dithiolate Ligands $\hat{\wedge}$ Acceleration of O-atom Transfer by Distorted Square Pyramidal Conformation. <i>Chemistry Letters</i> , 2005, 34, 44-45.	0.7	6
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143	Synthesis and crystal structure of a two-dimensional silver(I)-hexamethylenetetramine coordination polymer (hmt). <i>Crystallography Reports</i> , 2005, 50, 597-600.	0.1	1
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146	Switching of turn conformation in an aspartate anion peptide fragment by NH $\cdots$ O hydrogen bonds. <i>Biopolymers</i> , 2005, 80, 233-248.	1.2	5
147	Linear-to-Turn Conformational Switching Induced by Deprotonation of Unsymmetrically Linked Phenolic Oligoamides. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 969-972.	7.2	89
148	Copper(II) and Zinc(II) Complexes Can Fix Atmospheric Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4352-4355.	7.2	125
149	Sulfur K-Edge XAS and DFT Calculations on P450 Model Complexes: Effects of Hydrogen Bonding on Electronic Structure and Redox Potentials. <i>Journal of the American Chemical Society</i> , 2005, 127, 12046-12053.	6.6	82
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151	High-Throughput Method for N-Terminal Sequencing of Proteins by MALDI Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 645-651.	3.2	47
152	Restriction of CaCO <sub>3</sub> polymorph by NH $\cdots$ O hydrogen-bonded poly(methacryloylaminocarboxylate) ligands: induced polymorph change by strength and/or formation manner of hydrogen bond. <i>Journal of Materials Chemistry</i> , 2005, 15, 2178.	6.7	7
153	Contribution of the intramolecular hydrogen bond to the shift of the pK <sub>a</sub> value and the oxidation potential of phenols and phenolate anions. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1453.	1.5	44
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155	Syntheses, crystal structures and properties of novel copper(ii) complexes obtained by reactions of copper(ii) sulfate pentahydrate with tripodal ligands. <i>Dalton Transactions</i> , 2005, , 1509.	1.6	45
156	Syntheses, Structures, and Properties of Two-Dimensional Alkaline Earth Metal Complexes with Flexible Tripodal Tricarboxylate Ligands. <i>Crystal Growth and Design</i> , 2005, 5, 177-182.	1.4	129
157	Relation between Intramolecular NH $\cdots$ S Hydrogen Bonds and Coordination Number in Mercury(II) Complexes with Carbamoylbenzenethiol Derivatives. <i>Inorganic Chemistry</i> , 2005, 44, 4037-4044.	1.9	28
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164	Syntheses, crystal structures and properties of Co(II) complexes with N,Nâ€²-bis(3-pyridylmethyl)-1,4-benzenedimethyleimine (bpb), and Cd(II), Hg(II) complexes with reduced bpb. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2271-2280.	1.4	7
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167	(Z)-4-(tert-Butylamino)-4-oxo-2-butenoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o448-o449.	0.2	1
168	catena-Poly[[[triquabis(2,6-diacetamidobenzoato)terbium(III)]-1/4-2,6-diacetamidobenzoato] monohydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1196-m1198.	0.2	0
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170	An unusual 2Dâ†’3D parallel interpenetration: synthesis and X-ray structure of compound [Ag2(titmb)2][Hsal]2âˆ™3H2O (titmb=1,3,5-tris(imidazol-1-ylmethyl)-2,4,6-trimethylbenzene and) Tj ETQq0 0 0 rgBT1,0 Overlock 1.0 Tf 50 4	0.2	0
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172	Construction of metal-organic frameworks through coordination and hydrogen bonding interactions: Syntheses, structures and photoluminescent properties of metal complexes with macrocyclic ligand. <i>Journal of Solid State Chemistry</i> , 2004, 177, 350-360.	1.4	27
173	Syntheses, crystal structures and properties of novel zinc(II) complexes obtained by reactions of zinc(II) malonate with flexible multidentate ligands. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2358-2365.	1.4	27
174	Syntheses, crystal structures and anion-exchange properties of copper(ii) and cadmium(ii) complexes containing a novel tripodal ligand. <i>New Journal of Chemistry</i> , 2004, 28, 1142-1150.	1.4	48
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180	Novel Pb(ii) coordination frameworks: synthesis, crystal structures and unusual third-order nonlinear optical properties Electronic supplementary information (ESI) available: crystal packing diagram of complex 2. See <a href="http://www.rsc.org/suppdata/jm/b3/b315682f/">http://www.rsc.org/suppdata/jm/b3/b315682f/</a> . <i>Journal of Materials Chemistry</i> , 2004, 14, 1631.	6.7	66

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184	Structures of the Small-Molecule Bcl-2 Inhibitor (BH3I-2) and Its Related Simple Model in Protonated and Deprotonated Forms. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 2057-2064.	2.0	12
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186	Solid State <sup>31</sup> P MAS NMR Detection of Hydrogen-bonded Phosphate Polymer in Calcium-Phosphate Composites. <i>Chemistry Letters</i> , 2004, 33, 466-467.	0.7	0
187	Direct Observation of Polymer-Binding Site on Calcite Crystal by FE/SEM: Regulation of Binding Abilities by a Rotation of Amide Group in Poly(carboxylate) to CaCO <sub>3</sub> Crystals. <i>Chemistry Letters</i> , 2004, 33, 192-193.	0.7	11
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192	Syntheses and structures of two photofluorescent infinite one-dimensional chains from assembly of tetradentate dipyridyl ligand with cadmium(II) and silver(I) salts. <i>Inorganica Chimica Acta</i> , 2003, 353, 68-74.	1.2	17
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195	Microporous solid based solely upon an intermolecular NH $\cdots$ O and NH $\cdots$ Cl hydrogen bond network. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1239-1242.	1.8	4
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200	Solution structures in acetonitrile of $X_{n+1}/Cys-X-Y$ Cys with $NH\cdots S$ hydrogen bond. <i>Journal of Inorganic Biochemistry</i> , 2003, 96, 165.	1.5	1
201	Efficient N-terminal peptide sequencing using bis(terpyridine)ruthenium(II) derivatives. <i>Journal of Inorganic Biochemistry</i> , 2003, 96, 204.	1.5	2
202	Novel Metal-Organic Frameworks with Specific Topology from New Tripodal Ligands: $\Delta$ 1,3,5-Tris(1-imidazolyl)benzene and 1,3-Bis(1-imidazolyl)-5-(imidazol-1-ylmethyl)benzene. <i>Inorganic Chemistry</i> , 2003, 42, 3168-3175.	1.9	144
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216	Synthesis of Zigzag-Chain and Cyclic-Octanuclear Calcium Complexes and Hexanuclear Bulky Aryl-Phosphate Sodium Complexes with Ortho-Amide Groups: Structural Transformation Involving a Network of Inter- and Intramolecular Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2002, 124, 1052-1059.	6.6	24

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218	A novel Cu(II)-W(V) bimetallic assembly magnet $\{[\text{Cu}(\text{en})_2]_3[\text{W}(\text{CN})_8]_2 \cdot 2\text{H}_2\text{O}\}_n \cdot z$ (en = ethylenediamine) with cube-like W8Cu12 units from a coordinated anion template self-assembly reaction. Electronic supplementary information (ESI) available: selected hydrogen bonding parameters in 1 (Table S1) and perspective view showing the three linkages for the title compound (Fig. S1). See <a href="http://www.rsc.org/suppdata/nj/b1/b108791f/">http://www.rsc.org/suppdata/nj/b1/b108791f/</a> . <i>New Journal of Chemistry</i> , 2002, 26, 485-489.	1.4	47
219	Self-assembly of a snake-like blue photoluminescent coordination polymer from 4,4'-bis(imidazol-1-ylmethyl)biphenyl and zinc acetate. <i>New Journal of Chemistry</i> , 2002, 26, 1277-1279.	1.4	39
220	Synthesis, structures and properties of two-dimensional honeycomb and stepwise networks from self-assembly of tripodal ligand 1,3,5-tris(imidazol-1-ylmethyl)-2,4,6-trimethylbenzene with metal salts. Electronic supplementary information (ESI) available: hydrogen bond network indicated by dashed lines in 2 (Fig. S1), coordination environment of Cd2B (minor component) (Fig. S2), FT-IR spectra of anion exchange (Fig. S3) and excitation and emission spectra of 2 (Fig. S4). See <a href="http://www.rsc.org/suppdata/ct/b2/b20">http://www.rsc.org/suppdata/ct/b2/b20</a> . <i>Dalton Transactions RSC</i> , 2002, , 3868-3873.	2.3	51
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223	Title is missing!. <i>Journal of Inorganic and Organometallic Polymers</i> , 2002, 12, 99-108.	1.5	7
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226	Anion exchange properties of a two-dimensional coordination framework of cadmium(II) with 1,3-bis(imidazol-1-ylmethyl)-5-methylbenzene. Electronic supplementary information (ESI) available: solid state IR spectra of the title compound and anion-exchanged product. See <a href="http://www.rsc.org/suppdata/nj/b1/b106750h/">http://www.rsc.org/suppdata/nj/b1/b106750h/</a> . <i>New Journal of Chemistry</i> , 2001, 25, 1379-1381.	1.4	32
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