

Shin-ichiro Noro

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.

166
papers

18,423
citations

40
h-index

135
g-index

174
ext. papers

19,227
ext. citations

6
avg. IF

6.69
L-index

#	Paper	IF	Citations
166	Substituent Effect on Molecular Motions of m-Halogenated Anilinium/Dibenzo[18]crown-6 Supramolecular Cations in [Ni(dmit) ₂] Crystals. <i>Crystal Growth and Design</i> , 2021 , 21, 2340-2347	3.5	1
165	A Temporarily Pore-Openable Porous Coordination Polymer for Guest Adsorption/Desorption. <i>Inorganic Chemistry</i> , 2021 , 60, 4531-4538	5.1	3
164	A Hydrogen-Bonded Organic Framework Based on Pyrazinopyrazine. <i>Crystal Growth and Design</i> , 2021 , 21, 4656-4664	3.5	3
163	A hydrogen-bonded organic framework based on redox-active tri(dithiolylidene)cyclohexanetrione. <i>Chemical Communications</i> , 2021 , 57, 1157-1160	5.8	2
162	Reversible hydrogen adsorption at room temperature using a molybdenum-dihydrogen complex in the solid state. <i>Dalton Transactions</i> , 2021 , 50, 12630-12634	4.3	0
161	Dipole fluctuation and structural phase transition in hydrogen-bonding molecular assemblies of mononuclear Cu complexes with polar fluorobenzoate ligands. <i>Dalton Transactions</i> , 2021 , 50, 13680-13683	4.3	1
160	Influence of carbohydrate polymer shaping on organic dye adsorption by a metal-organic framework in water. <i>RSC Advances</i> , 2021 , 11, 23707-23713	3.7	2
159	Alkyl decorated metal-organic frameworks for selective trapping of ethane from ethylene above ambient pressures. <i>Dalton Transactions</i> , 2021 , 50, 10423-10435	4.3	6
158	Gas sorption of nano-porous supramolecules formed by multi-hydrogen bonded coordination capsules. <i>Chemical Communications</i> , 2021 , 57, 2249-2252	5.8	0
157	Controlling the gate-sorption properties of solid solutions of Werner complexes by varying component ratios. <i>Dalton Transactions</i> , 2020 , 49, 9438-9443	4.3	1
156	A Synchronous Change in Fluid Space and Encapsulated Anions in a Crystalline Polymethylene Unit Containing Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2020 , 20, 3596-3600	3.5	0
155	Coordinated Water as New Binding Sites for the Separation of Light Hydrocarbons in Metal-Organic Frameworks with Open Metal Sites. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9448-9456	9.5	7
154	Responsive Four-Coordinate Iron(II) Nodes in FePd(CN). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19254-19259	16.4	6
153	Dielectric and gas adsorption/desorption properties of x-Li(Pc) having one-dimensional channels surrounded by Pd columns. <i>CrystEngComm</i> , 2020 , 22, 7528-7531	3.3	0
152	Understanding the interactions between the bis(trifluoromethylsulfonyl)imide anion and absorbed CO ₂ using X-ray diffraction analysis of a soft crystal surrogate. <i>Communications Chemistry</i> , 2020 , 3,	6.3	1
151	Structural Phase Transitions of a Molecular Metal Oxide. <i>Angewandte Chemie</i> , 2020 , 132, 22632-22636	3.6	
150	Structural Phase Transitions of a Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22446-22450	16.4	2

149	Responsive Four-Coordinate Iron(II) Nodes in FePd(CN) ₄ . <i>Angewandte Chemie</i> , 2020 , 132, 19416-19421	3.6	
148	Stable Ferromagnetic Crystal of Two-Dimensional Manganese-Chromium Oxalate with Supramolecular Cation. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1670-1675	2.3	1
147	Dielectric and Sorption Responses of Hydrogen-Bonding Network of Amorphous C ₆₀ (OH) ₁₂ and C ₆₀ (OH) ₃₆ . <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23545-23553	3.8	5
146	Hydrogen-Bonded Polyrotaxane Cation Structure in Nickel Dithiolate Anion Radical Salts: Ferromagnetic and Semiconducting Behavior Associated with Structural Phase Transition. <i>Chemistry - A European Journal</i> , 2019 , 25, 6920-6927	4.8	8
145	Paddlewheel Complexes with Azulenes: Electronic Interaction between Metal Centers and Equatorial Ligands. <i>ChemPlusChem</i> , 2019 , 84, 655-664	2.8	3
144	A Zn(II) metal-organic framework with dinuclear [Zn(N-oxide)] secondary building units. <i>Dalton Transactions</i> , 2019 , 48, 6314-6318	4.3	2
143	Incorporation of Multinuclear Copper Active Sites into Nitrogen-Doped Graphene for Electrochemical Oxygen Reduction. <i>ACS Applied Energy Materials</i> , 2018 , 1, 2358-2364	6.1	10
142	Solvent Triggered Transition of Electrical Conductivity of Polyoxometalate- based Hybrid with Ni-pyridyl-tetrathiafulvalene. <i>Current Inorganic Chemistry</i> , 2018 , 7, 8-12		
141	Host-Guest Molecular Crystals of Diamino-4,4-bithiazole and Dynamic Molecular Motions via Guest Sorption. <i>Crystal Growth and Design</i> , 2018 , 18, 286-296	3.5	9
140	Selective MeCN/EtCN sorption and preferential inclusion of substituted benzenes in a cage structure with arylsulfonamide-armed anthraquinones. <i>CrystEngComm</i> , 2018 , 20, 17-24	3.3	6
139	Chemo-chromism in an orthogonal dabco-based Co(II) network assembled by methanol-coordination and hydrogen bond formation. <i>Dalton Transactions</i> , 2018 , 47, 7656-7662	4.3	6
138	Linker functionalisation triggers an alternative 3D-topology for Zn-isophthalate-4,4'-bipyridine frameworks. <i>Dalton Transactions</i> , 2017 , 46, 8198-8203	4.3	12
137	The Assembly of an All-Inorganic Porous Soft Framework from Metal Oxide Molecular Nanowires. <i>Chemistry - A European Journal</i> , 2017 , 23, 1972-1980	4.8	9
136	Fluorine-functionalized metal-organic frameworks and porous coordination polymers. <i>NPG Asia Materials</i> , 2017 , 9, e433-e433	10.3	67
135	Inter-cluster distance dependence of electrical properties in single crystals of a mixed-valence polyoxometalate. <i>Dalton Transactions</i> , 2017 , 46, 12619-12624	4.3	5
134	Density Gradation of Open Metal Sites in the Mesospace of Porous Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11576-11583	16.4	90
133	Structural Diversification of Light-Metal Coordination Polymers Using 4-(Methylsulfonyl)benzoate with a Charge-Polarized Neutral Methylsulfonyl Coordination Moiety. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4013-4019	2.3	1
132	The emergent intramolecular hydrogen bonding effect on the electronic structures of organic electron acceptors. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 23905-23909	3.6	8

131	Fine-tuning optimal porous coordination polymers using functional alkyl groups for CH ₄ purification. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17874-17880	13	23
130	One-dimensional supramolecular columnar structure of trans-syn-trans-dicyclohexano[18]crown-6 and organic ammonium cations. <i>CrystEngComm</i> , 2016 , 18, 7959-7964	3-3	13
129	A Highly Water-Tolerant Magnesium(II) Coordination Polymer Derived from a Flexible Layered Structure. <i>Chemistry - A European Journal</i> , 2016 , 22, 11042-7	4.8	4
128	Influence of Co-adsorbates on CO ₂ induced phase transition in functionalized pillared-layered metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 12963-12972	13	21
127	The crystal design of polar one-dimensional hydrogen-bonded copper coordination complexes. <i>Dalton Transactions</i> , 2016 , 45, 3398-406	4-3	4
126	Self-assembled Structure of Inorganic-Organic Hybrid Crystals Based on Keggin Polyoxometallates [SMo12O40] and Supramolecular Cations. <i>Crystal Growth and Design</i> , 2016 , 16, 800-807	3-5	12
125	Successive Phase Transition, Dielectric Ordering, and Liquid Crystalline Behavior of Simple (Laurylammonium)(Phenyl Phosphates) Salts. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 6761-70	3-4	7
124	Reversible Structural Changes of Strong Hydrogen Bond-Supported Organic Networks Using Neutral 3,5-Pyridinedicarboxylic Acid N-oxide through Solvent Release/Uptake. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 1503-1509	5-1	5
123	Structural Design of Coordination Polymers Based on Manganese and Chromium Ions Bridged by Oxalate Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 354-360	5-1	3
122	Mesophases and ionic conductivities of simple organic salts of M(m-iodobenzoate) (M = Li(+), Na(+), K(+), Rb(+), and Cs(+)). <i>Journal of Physical Chemistry B</i> , 2015 , 119, 1768-77	3-4	2
121	CH ₄ /CO ₂ and CH ₄ /C ₂ H ₆ gas separation using a flexible one-dimensional copper(II) porous coordination polymer. <i>Microporous and Mesoporous Materials</i> , 2015 , 216, 92-96	5-3	22
120	Crystal-to-crystal structural transformation of hydrogen-bonding molecular crystals of (imidazolium)(3-hydroxy-2-quinoxalinecarboxylate) through H ₂ O adsorption-desorption. <i>CrystEngComm</i> , 2015 , 17, 5962-5969	3-3	10
119	Structural flexibilities and gas adsorption properties of one-dimensional copper(II) polymers with paddle-wheel units by modification of benzoate ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 9423-31	5-1	25
118	Liquid Crystalline Phase Induced by Molecular Rotator and Dipole Fluctuation. <i>Crystal Growth and Design</i> , 2015 , 15, 5705-5711	3-5	8
117	Supramolecular cations of (m-halogenated-anilinium)(dibenzo[18]crown-6) in Keggin [SMo12O40] polyoxometallates. <i>CrystEngComm</i> , 2015 , 17, 856-861	3-3	5
116	Selective carbon dioxide adsorption of Keggin-type zirconomolybdate-based purely inorganic 3D frameworks. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 746-755	13	31
115	Dynamic induction of enantiomeric excess from a prochiral azobenzene dimer under circularly polarized light. <i>Chemical Science</i> , 2015 , 6, 973-980	9-4	21
114	High CO ₂ /CH ₄ Selectivity of a Flexible Copper(II) Porous Coordination Polymer under Humid Conditions. <i>ChemPlusChem</i> , 2015 , 80, 1517-1524	2.8	15

113	Systematic syntheses and metalloligand doping of flexible porous coordination polymers composed of a Co(III)-metalloligand. <i>Inorganic Chemistry</i> , 2015 , 54, 2522-35	5.1	14
112	Electron-deficient acene-based liquid crystals: dialkoxydicyanopyrazinoquinoxalines. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3016-3022	7.1	9
111	Three-Dimensional Architectures of [MnII CrIII(oxalate)3] Complexes with Cage-Type Networks Surrounding Supramolecular Cations. <i>Crystal Growth and Design</i> , 2015 , 15, 1186-1193	3.5	7
110	Porous coordination polymers with ubiquitous and biocompatible metals and a neutral bridging ligand. <i>Nature Communications</i> , 2015 , 6, 5851	17.4	78
109	Gold nanoparticle assemblies stabilized by bis(phthalocyaninato)lanthanide(III) complexes through van der Waals interactions. <i>Scientific Reports</i> , 2014 , 4, 3758	4.9	18
108	Design of Crystalline Spaces for Molecular Rotations in Crystals. <i>Crystal Growth and Design</i> , 2014 , 14, 537-543	3.5	20
107	Crystal structures, CO ₂ adsorption, and dielectric properties of [Cu(II)(R-benzoate)(pyrazine)] _n polymers (R = m-F, 2,3-F ₂ m-Cl, and m-CH ₃). <i>Dalton Transactions</i> , 2014 , 43, 9081-9	4.3	13
106	Flexible coordination polymers composed of luminescent ruthenium(II) metalloligands: importance of the position of the coordination site in metalloligands. <i>Inorganic Chemistry</i> , 2014 , 53, 2910-21	5.1	30
105	Molecular Assembly and Ferroelectric Response of Benzenecarboxamides Bearing Multiple CONHC ₁₄ H ₂₉ Chains. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 21204-21214	3.8	46
104	Finite Winding (H ₂ O) ₁₂ Chain Stabilized by One-Dimensional Coordination Polymer. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 623-625	5.1	2
103	Crystal Structure and Physical Properties of a Dithiolene Complex Crystal with Adamantane Supramolecular Rotator. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 417-419	5.1	4
102	Molecular motion in pyridazinium/crown ether supramolecular cation salts of a nickel dithiolene complex. <i>Dalton Transactions</i> , 2013 , 42, 2930-9	4.3	10
101	Enhanced magnetization in highly crystalline and atomically mixed bcc Fe-Co nanoalloys prepared by hydrogen reduction of oxide composites. <i>Nanoscale</i> , 2013 , 5, 1489-93	7.7	25
100	Anion-dependent host-guest properties of porous assemblies of coordination complexes (PACs), [Cu(A)(py)] _n (A = PF ₆ ⁻ , BF ₄ ⁻ , CF ₃ BO ₃ ⁻ and CH ₃ BO ₃ ⁻ ; py = pyridine), based on Werner-type copper(II) complexes in the solid state. <i>Dalton Transactions</i> , 2013 , 42, 11100-10	4.3	19
99	Highly selective CO ₂ adsorption accompanied with low-energy regeneration in a two-dimensional Cu(II) porous coordination polymer with inorganic fluorinated PF ₆ ⁻ anions. <i>Inorganic Chemistry</i> , 2013 , 52, 280-5	5.1	59
98	Crystal structure of a supramolecular cation salt (adamantylammonium) ⁺ ₂ (benzo[18]crown-6) ₂ [Pd(dmit) ₂] ₂ (acetone) ₂ . <i>Inorganica Chimica Acta</i> , 2013 , 404, 206-209	2.7	
97	Porous coordination polymer polymorphs with different flexible pores using a structurally flexible and bent 1,3-bis(4-pyridyl)propane ligand. <i>Inorganic Chemistry</i> , 2013 , 52, 4229-37	5.1	33
96	Graphene oxide nanosheet with high proton conductivity. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8097-100	16.4	391

95	Rational synthesis of a porous copper(II) coordination polymer bridged by weak Lewis-base inorganic monoanions using an anion-mixing method. <i>Inorganic Chemistry</i> , 2013 , 52, 5630-2	5.1	12
94	Molecule-displacive ferroelectricity in organic supramolecular solids. <i>Scientific Reports</i> , 2013 , 3, 2249	4.9	39
93	(3-Fluoro-4-methoxyanilinium)+([18]Crown-6) Supramolecular Cation Salt of Ferromagnetic [MnII CrIII(oxalate)3] Crystal. <i>Chemistry Letters</i> , 2013 , 42, 137-139	1.7	2
92	Host Materials Based on Metal Complexes with New Combination of Building Blocks. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2013 , 61, 38-45	0.3	
91	[Ni(dmit)2] Salt with flexible supramolecular cation rotator. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 219-224	3.1	0
90	Molecular Motions and Hydrogen-Bonding Networks in (o-Aminoanilinium)(Crown Ethers)[PMo12O40]4 Crystals. <i>Bulletin of the Chemical Society of Japan</i> , 2012 , 85, 305-315	5.1	8
89	Synthesis and Crystal Structure of a One-dimensional Cu(II) Coordination Polymer Bridged by Inorganic CH3SO3 Anions Using Werner-type Cu(II) Complexes as Building Blocks. <i>Chemistry Letters</i> , 2012 , 41, 772-773	1.7	1
88	Synthesis, Crystal Structure, and Adsorption Properties of Werner-type Cu(II) Complex [Cu(CF3SO3)2(4-methylpyridine)4]. <i>Chemistry Letters</i> , 2012 , 41, 1314-1316	1.7	4
87	Incorporation of cationic electron donor of Ni-pyridyltetrathiafulvalene with anionic electron acceptor of polyoxometalate. <i>Dalton Transactions</i> , 2012 , 41, 10060-4	4.3	4
86	Flexible cis-Cyclohexane-1,4-diammonium Ion in Magnetic [Ni(dmit)2] Crystals. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3732-3739	2.3	12
85	Ln-Co-based rock-salt-type porous coordination polymers: vapor response controlled by changing the lanthanide ion. <i>Inorganic Chemistry</i> , 2011 , 50, 2061-3	5.1	21
84	Exploring the thermochromism of sulfite-embedded polyoxometalate capsules. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 7295-7	3.6	17
83	Hydrogen-bonded assemblies of two-electron reduced mixed-valence [XMo12O40] (X = P and Si) with p-phenylenediamines. <i>Inorganic Chemistry</i> , 2011 , 50, 6711-8	5.1	13
82	Rational Construction of Wide Coordination Space and Control of Adsorption Properties in One-Dimensional Cu(II) Coordination Polymer. <i>Crystal Growth and Design</i> , 2011 , 11, 2379-2385	3.5	26
81	Huge dielectric response and molecular motions in paddle-wheel [Cu(II)2(adamantylcarboxylate)4(DMF)2]·(DMF)2. <i>Chemistry - A European Journal</i> , 2011 , 17, 14442-9	4.8	15
80	Diverse structures and adsorption properties of quasi-Werner-type copper(II) complexes with flexible and polar axial bonds. <i>Dalton Transactions</i> , 2011 , 40, 2268-74	4.3	23
79	Vapour-adsorption and chromic behaviours of luminescent coordination polymers composed of a Pt(II)-diimine metalloligand and alkaline-earth metal ions. <i>Dalton Transactions</i> , 2011 , 40, 8012-8	4.3	38
78	Structural phase transition due to the flexible supramolecule of (4-cyanomethylanilinium)([18]crown-6) in [Ni(dmit)2] Crystal. <i>CrystEngComm</i> , 2011 , 13, 6185	3.3	18

77	Supramolecular cations of the m-fluoroanilinium(dibenzo[18]crown-6) in ferromagnetic salt. <i>Dalton Transactions</i> , 2011 , 40, 1491-6	4.3	35
76	Polymorphs and Structural Phase Transition of [Ni(dmit) ₂] ⁻ Crystals Induced by Flexible (trans-Cyclohexane-1,4-diammonium)(Benzo[18]crown-6) ₂ Supramolecule. <i>Crystal Growth and Design</i> , 2011 , 11, 4175-4182	3.5	47
75	Rational synthesis and characterization of porous Cu(II) coordination polymers. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2519-31	3.6	37
74	Metal-Organic Frameworks (MOFs) and Coordination Polymers 2010 , 235-269		10
73	Synthesis of metal-hydrazone complexes and vapo-chromic behavior of their hydrogen-bonded proton-transfer assemblies. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15286-98	16.4	42
72	Asymmetrical [Ni(dmit) ₂] ⁻ arrangements induced by (1R,2R)-cyclohexanediammonium-crown ether supramolecules. <i>Inorganic Chemistry</i> , 2010 , 49, 8591-600	5.1	28
71	Electron transport in a gold nanoparticle assembly structure stabilized by a physisorbed porphyrin derivative. <i>Physical Review B</i> , 2010 , 82,	3.3	16
70	Orthogonality of Jahn-Teller axes in a dinuclear Cu(II) complex bridged by one F ⁻ anion. <i>Chemical Communications</i> , 2010 , 46, 4619-21	5.8	10
69	[18]Crown-6 rotator in spin-ladder compound of m-aminoanilinium([18]crown-6)[Ni(dmit) ₂] ⁻ . <i>Dalton Transactions</i> , 2010 , 39, 8219-27	4.3	24
68	Selective separation of larger molecules from a Lewis-base mixture by flexible one-dimensional Cu(II) coordination polymer with shape-recognizing space. <i>Chemical Communications</i> , 2010 , 46, 3134-6	5.8	21
67	Polymorphism and Magnetism of (cis-Cyclohexane-1,4-diammonium)(Dicyclohexano[18]crown-6) ₂ [Ni(dmit) ₂] ₂ Salts. <i>Crystal Growth and Design</i> , 2010 , 10, 4856-4860	3.5	24
66	Multifunctional sensing ability of a new Pt/Zn-based luminescent coordination polymer. <i>Dalton Transactions</i> , 2010 , 39, 3400-6	4.3	43
65	Ferromagnetic coupling of [Ni(dmit) ₂] ⁻ anions in (m-fluoroanilinium)(dicyclohexano[18]crown-6)[Ni(dmit) ₂]. <i>Dalton Transactions</i> , 2010 , 39, 2191-3	4.3	20
64	Conformational polymorph of o-aminoanilinium(dibenzo[18]crown-6) supramolecules in [Ni(dmit) ₂] ⁻ salts. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 520-9	4.5	26
63	Thickness-dependent electronic properties and molecular orientation of diradical metal complex thin films grown on SiO ₂ . <i>Chemical Physics Letters</i> , 2010 , 487, 67-70	2.5	5
62	Adsorption and Catalytic Properties of the Inner Nanospace of a Gigantic Ring-Shaped Polyoxometalate Cluster. <i>Angewandte Chemie</i> , 2009 , 121, 8859-8862	3.6	31
61	Adsorption and catalytic properties of the inner nanospace of a gigantic ring-shaped polyoxometalate cluster. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8703-6	16.4	80
60	Ferroelectricity and polarity control in solid-state flip-flop supramolecular rotators. <i>Nature Materials</i> , 2009 , 8, 342-7	27	396

59	Coordination polymers constructed from transition metal ions and organic N-containing heterocyclic ligands: Crystal structures and microporous properties. <i>Progress in Polymer Science</i> , 2009 , 34, 240-279	29.6	142
58	Selective Gas Adsorption in One-Dimensional, Flexible CuII Coordination Polymers with Polar Units. <i>Chemistry of Materials</i> , 2009 , 21, 3346-3355	9.6	63
57	Ferromagnetic and antiferromagnetic coupling of [Ni(dmit)(2)](-) anion layers induced by Cs(+)(2)(benzo[18]crown-6)(3) supramolecule. <i>Inorganic Chemistry</i> , 2009 , 48, 4454-61	5.1	28
56	Structure, magnetism, and ionic conductivity of the gigantic {Mo176}-wheel assembly: Na15Fe3Co16[Mo176O528H3(H2O)80]Cl27 x 450 H2O. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13578-9	16.4	42
55	Langmuir-Blodgett Films of Charge-Transfer Complexes: Ethylenedithio-Substituted Amphiphilic Bis-TTF Macrocycle and F4TCNQ or Br2TCNQ. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 968-974	5.1	2
54	Stepwise Vapochromism Observed for a Simple Terpyridine-Platinum(II) Complex with a Thiocyanato Ligand. <i>Chemistry Letters</i> , 2009 , 38, 998-999	1.7	26
53	Binding properties of solvatochromic indicators [Cu(X)(acac)(tmen)] (X = PF6- and BF4-, acac = Acetylacetonate, tmen = N,N,N',N'-tetramethylethylenediamine) in solution and the solid state. <i>Inorganic Chemistry</i> , 2008 , 47, 7360-5	5.1	27
52	Solid-state molecular rotators of anilinium and adamantylammonium in [Ni(dmit)2](-) salts with diverse magnetic properties. <i>Inorganic Chemistry</i> , 2008 , 47, 5951-62	5.1	70
51	A Solid-State Supramolecular Rotator Assembled from a Cs-crown Ether Polyoxometalate Hybrid: (Cs+)3([18]crown-6)3(H+)2[PMo12O40]. <i>Crystal Growth and Design</i> , 2008 , 8, 812-816	3.5	40
50	Nanoscale assemblies of gigantic molecular {Mo154}-rings: (dimethyldioctadecylammonium)20[Mo154O462H8(H2O)70]. <i>Langmuir</i> , 2008 , 24, 231-8	4	29
49	Electrical resistivity of individual molecular-assembly nanowires of amphiphilic bis-tetrathiafulvalene macrocycle/2,3,5,6-tetrafluoro-7,7,8,8-tetracyano-p-quinodimethane charge transfer complex characterized by point-contact current-imaging atomic force microscopy. <i>Applied Physics Letters</i> , 2008 , 93, 173102	3.4	10
48	Fullerene nanowires: self-assembled structures of a low-molecular-weight organogelator fabricated by the Langmuir-Blodgett method. <i>Chemistry - A European Journal</i> , 2008 , 14, 8169-76	4.8	33
47	Ambipolar, Single-Component, Metal-Organic Thin-Film Transistors with High and Balanced Hole and Electron Mobilities. <i>Advanced Materials</i> , 2008 , 20, 3399-3403	24	31
46	Langmuir-Blodgett Films Constructed from a Charge-Transfer Complex and Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 18871-18877	3.8	15
45	One-Dimensional Array of Au Nanoparticles Fixed on Nanofibers of Organogelators by the Langmuir-Blodgett Method. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 901-907	3.8	12
44	Supramolecular rotor: adamantylammonium([18]crown-6) in [Ni(dmit)2]- salt. <i>Inorganic Chemistry</i> , 2007 , 46, 363-5	5.1	42
43	Pressure effect on spin-Peierls-like transition in quasi-1D spin systems [RBzPy][Ni(mnt)2]. <i>Chemical Physics Letters</i> , 2007 , 439, 318-322	2.5	6
42	Directing organic-inorganic hybrid molecular-assemblies of polyoxometalate crown-ether complexes with supramolecular cations. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2547-2561	23.2	73

41	2D H-bonding molecular magnets based on [Ni(mnt) ₂] ⁻ monoanion: Syntheses, crystal structures and magnetic properties. <i>Polyhedron</i> , 2007 , 26, 1787-1792	2.7	3
40	Multirootations of (anilinium)([18]crown-6) supramolecular cation structure in magnetic salt of [Ni(dmit) ₂] ⁻ . <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1083-90	4.5	49
39	Formation of Strong OH ₂ ⋯O ₂ C Hydrogen Bonds in a Trinuclear Core-Based Nickel 1,3,5-Benzenetricarboxylate Coordination Polymer. <i>Crystal Growth and Design</i> , 2007 , 7, 1205-1208	3.5	27
38	Functionalities of one-dimensional dynamic ultramicropores in nickel(II) coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 8990-7	5.1	26
37	Formation of p-phenylenediamine-crown ether-[PMo ₁₂ O ₄₀] ⁴⁻ salts. <i>Inorganic Chemistry</i> , 2006 , 45, 8628-37	3.7	42
36	Pore surface engineering of microporous coordination polymers. <i>Chemical Communications</i> , 2006 , 701-7	5.8	413
35	Quasi-one-dimensional molecular magnets based on derivatives of (fluorobenzyl)pyridinium with the [M(mnt) ₂] monoanion (M = Ni, Pd or Pt; mnt ₂ ⁻ = maleonitriledithiolate): syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2006 , 1988-94	4.3	38
34	Structural phase transition of magnetic [Ni(dmit) ₂] ⁻ salts induced by supramolecular cation structures of (M ⁺)([12]crown-4) ₂ . <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5897-904	3.4	34
33	Flexible and shape-selective guest binding at Cu(II) axial sites in 1-dimensional Cu(II)-1,2-bis(4-pyridyl)ethane coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 9290-300	5.1	37
32	Design of a magnetic bistability molecular system constructed by H-bonding and pi...pi-stacking interactions. <i>Inorganic Chemistry</i> , 2006 , 45, 2229-34	5.1	57
31	Structural and magnetic investigations for the doping effect of nonmagnetic impurity on the spin-Peierls-like transition in a quasi-one-dimensional magnet: 1-(4-pnitrobenzyl)pyridinium bis(maleonitriledithiolato)nickelate. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7671-7	3.4	23
30	Diversities of Coordination Geometry at Cu ²⁺ Center in the Bis(maleonitriledithiolato)cuprate Complexes: Syntheses, Magnetic Properties, X-ray Crystal Structural Analyses, and DFT Calculations. <i>Crystal Growth and Design</i> , 2006 , 6, 2530-2537	3.5	15
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28	Framework control by a metalloligand having multicoordination ability: new synthetic approach for crystal structures and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 133-46	5.1	131
27	Synthesis and crystallographic characterization of low-dimensional and porous coordination compounds capable of supramolecular aromatic interaction using the 4,4'-azobis(pyridine) ligand. <i>Inorganic Chemistry</i> , 2005 , 44, 3960-71	5.1	48
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25	Hydrogen-bonding assemblies constructed from metalloligand building blocks and H ₂ O. <i>Inorganica Chimica Acta</i> , 2005 , 358, 423-428	2.7	14
24	Supramolecular Cations of (S)-, (R)-, and (RS)-Indan-1-aminium(dibenzo[18]crown-6) in Magnetic [Ni(dmit) ₂] ⁻ Salts. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 3271-3276	2.3	15

23	Molecularly assembled nanostructures of a redox-active organogelator. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7283-7	16.4	128
22	Functional porous coordination polymers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2334-75	16.4	9245
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20	Funktionale poröse Koordinationspolymere. <i>Angewandte Chemie</i> , 2004 , 116, 2388-2430	3.6	1282
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