

Theocharis C Stamatatos

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.

167
papers

6,506
citations

45
h-index

73
g-index

173
ext. papers

6,764
ext. citations

5
avg, IF

5.69
L-index

#	Paper	IF	Citations
167	Adventures in the coordination chemistry of 2-pyridyl oximes: On the way to 3d/4f-metal coordination clusters <i>Inorganica Chimica Acta</i> , 2022 , 120954	2.7	1
166	Combining benzotriazoles and azides in copper(II) chemistry: synthesis, structural and spectroscopic characterization of a 1-D corrugated tape [Cu(N3)2(1-Mebta)] _n coordination polymer (1-Mebta = 1-methylbenzotriazole). <i>Journal of Coordination Chemistry</i> , 2021 , 74, 1823-1833	1.6	
165	Further synthetic investigation of the general lanthanoid(iii) [Ln(iii)]/copper(ii)/pyridine-2,6-dimethanol/carboxylate reaction system: {CuLn} coordination clusters (Ln = Dy, Tb, Ho) and their yttrium(iii) analogue. <i>Dalton Transactions</i> , 2021 , 50, 240-251	4.3	2
164	Rare nuclearities in Mn/oxo cluster chemistry: Synthesis and characterization of a mixed-valence {MnII/III11} complex bearing acetate and salicylhydroximate(-3) bridging/chelating ligands. <i>Polyhedron</i> , 2021 , 206, 115298	2.7	1
163	New classes of organic Chelate-Free coordination Polymers: An End-On Azido-Bridged Cu(II) 1-D chain composed of {Cu6(N3)12} repeating units. <i>Polyhedron</i> , 2021 , 206, 115315	2.7	1
162	Zinc(II) vs cadmium(II) in organic chelate-free chemistry: Synthesis and characterization of 1-D [Zn2(N3)4(MeCN)3] _n and 2-D [Cd3(N3)6(MeCN)2] _n coordination polymers. <i>Polyhedron</i> , 2021 , 208, 115423	2.7	0
161	4f-Metal Clusters Exhibiting Slow Relaxation of Magnetization: A {Dy} Complex with An Hourglass-like Metal Topology. <i>Molecules</i> , 2020 , 25,	4.8	2
160	Rare Nuclearities in Ni(II) Cluster Chemistry: An Unprecedented {Ni12} Nanosized Cage from the Use of N-Naphthalidene-2-Amino-5-Chlorobenzoic Acid. <i>Inorganics</i> , 2020 , 8, 32	2.9	
159	'Metal Complexes as Ligands' for the Synthesis of Coordination Polymers: A Mn Monomer as a Building Block for the Preparation of an Unprecedented 1-D {MnMn} Linear Chain. <i>Materials</i> , 2020 , 13,	3.5	1
158	Rare "Janus"-faced single-molecule magnet exhibiting intramolecular ferromagnetic interactions. <i>Chemical Science</i> , 2019 , 10, 1626-1633	9.4	24
157	Magneto-structural studies of two MDM bridged homochiral mixed valence Co(II)/Co(III) complexes. <i>Polyhedron</i> , 2019 , 170, 34-40	2.7	2
156	Click chemistry as a route to the synthesis of structurally new and magnetically interesting coordination clusters: a {Ni} complex with a trapezoidal prismatic topology. <i>Dalton Transactions</i> , 2019 , 48, 11632-11636	4.3	2
155	{Ni} Cubanes from enantiomerically pure 2-(1-hydroxyethyl)pyridine ligands: supramolecular chirality. <i>Dalton Transactions</i> , 2019 , 48, 10427-10434	4.3	3
154	Experimental determination of single molecule toroic behaviour in a Dy single molecule magnet. <i>Nanoscale</i> , 2019 , 11, 15131-15138	7.7	8
153	Organic chelate-free and azido-rich metal clusters and coordination polymers from the use of MeSiN: a new synthetic route to complexes with beautiful structures and diverse magnetic properties. <i>Chemical Communications</i> , 2018 , 55, 11-26	5.8	19
152	Structural and Magnetic Variations in a Family of Isoskeletal, Oximate-Bridged {Mn M} Complexes (M = Mn, Gd, Dy). <i>Chemistry - A European Journal</i> , 2018 , 24, 2588-2592	4.8	9
151	New insights in MnIIa chemistry from the use of oximate-based ligands: {MnII/III22Ca2} and {MnIV2Ca2} complexes with relevance to both low- and high-valent states of the oxygen-evolving complex. <i>Polyhedron</i> , 2018 , 149, 39-44	2.7	5

- 150 Heterometallic Cu/Ln cluster chemistry: ferromagnetically-coupled {CuLn} complexes exhibiting single-molecule magnetism and magnetocaloric properties. *Dalton Transactions*, **2018**, 47, 11934-11941 4.3 14
- 149 Increasing the nuclearity and spin ground state in a new family of ferromagnetically-coupled {Ni} disk-like complexes bearing exclusively end-on bridging azido ligands. *Chemical Communications*, **2018**, 54, 12499-12502 5.8 6
- 148 A New {Dy5} Single-Molecule Magnet Bearing the Schiff Base Ligand N-Naphthalidene-2-amino-5-chlorophenol. *Magnetochemistry*, **2018**, 4, 48 3.1 1
- 147 Oximate-Based Ligands in 3 d/4 f-Metal Cluster Chemistry: A Family of {CuLn} Complexes with a "Propeller"-like Topology and Single-Molecule Magnetic Behavior. *Inorganic Chemistry*, **2018**, 57, 13944-13952 5.1 17
- 146 New ligands for uranium complexation: A stable uranyl dimer bearing 2,6-diacetylpyridine dioxime. *Inorganic Chemistry Communication*, **2017**, 78, 13-16 3.1 5
- 145 Large Energy Barrier and Magnetization Hysteresis at 5 K for a Symmetric {Dy} Complex with Spherical Tricapped Trigonal Prismatic Dy Ions. *Inorganic Chemistry*, **2017**, 56, 3568-3578 5.1 46
- 144 A family of 'windmill'-like {CuLn} complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. *Chemical Communications*, **2017**, 53, 4266-4269 5.8 33
- 143 New Dioximes as Bridging Ligands in 3d/4f-Metal Cluster Chemistry: One-Dimensional Chains of Ferromagnetically Coupled {Cu6Ln2} Clusters Bearing Acenaphthenequinone Dioxime and Exhibiting Magnetocaloric Properties. *Crystal Growth and Design*, **2017**, 17, 2486-2497 3.5 13
- 142 Transition Metal Single-Molecule Magnets: A {Mn} Nanosized Cluster with a Large Energy Barrier of ~60 K and Magnetic Hysteresis at ~5 K. *Journal of the American Chemical Society*, **2017**, 139, 15644-15647 16.4 49
- 141 Structural Diversities in Heterometallic Mn-Ca Cluster Chemistry from the Use of Salicylhydroxamic Acid: {MnCa}, {MnCa}, {MnCa}, and {MnCa} Complexes with Relevance to Both High- and Low-Valent States of the Oxygen-Evolving Complex. *Inorganic Chemistry*, **2017**, 56, 10760-10774 5.1 10
- 140 High nuclearity cerium-manganese clusters and their structural and magnetic properties: CeIV3MnIII7 and CeIV5MnIII11. *Polyhedron*, **2016**, 103, 288-294 2.7 9
- 139 "Molecular Nanoclusters": A 2-nm-Sized {Mn} Cluster with a Spherical Structure. *Inorganic Chemistry*, **2016**, 55, 12118-12121 5.1 12
- 138 New structural motifs in Mn cluster chemistry from the ketone/gem-diol and bis(gem-diol) forms of 2,6-di-(2-pyridylcarbonyl)pyridine: {MnII4MnIII2} and {MnII4MnIII6} complexes. *RSC Advances*, **2016**, 6, 105969-105979 3.7 4
- 137 "Ligands-with-Benefits": Naphthalene-Substituted Schiff Bases Yielding New Ni(II) Metal Clusters with Ferromagnetic and Emissive Properties and Undergoing Exciting Transformations. *Inorganic Chemistry*, **2016**, 55, 1270-7 5.1 18
- 136 Cyanate groups in higher oxidation state metal cluster chemistry: Mixed-valence (II/III) Mn16 and Mn18 clusters. *Polyhedron*, **2016**, 108, 131-142 2.7 4
- 135 Dodecanuclear 3d/4f-metal clusters with a 'Star of David' topology: single-molecule magnetism and magnetocaloric properties. *Chemical Communications*, **2016**, 52, 1693-6 5.8 35
- 134 Structural diversity in Ni(II) cluster chemistry: Ni5, Ni6, and {NiNa2}n complexes bearing the Schiff-base ligand N-naphthalidene-2-amino-5-chlorobenzoic acid. *Dalton Transactions*, **2016**, 45, 10256-10257 4.3 13
- 133 Nonemployed Simple Carboxylate Ions in Well-Investigated Areas of Heterometallic Carboxylate Cluster Chemistry: A New Family of {Cu(II)4Ln(III)8} Complexes Bearing tert-Butylacetate Bridging Ligands. *Inorganic Chemistry*, **2015**, 54, 7555-61 5.1 22

132	Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 407-13	3	30
131	Emissive {Mn ⁴ (III)Ca} clusters with square pyramidal topologies: syntheses and structural, spectroscopic, and physicochemical characterization. <i>Inorganic Chemistry</i> , 2015 , 54, 2137-51	5.1	20
130	Doubly Thiocyanato(S,N)-Bridged Dinuclear Complexes of Mercury(II) from the Use of 2-pyridyl Oximes as Capping Ligands. <i>Current Inorganic Chemistry</i> , 2015 , 5, 26-37		8
129	New structural topologies in 4f-metal cluster chemistry from vertex-sharing butterfly units: {Ln(III)7} complexes exhibiting slow magnetization relaxation and ligand-centred emissions. <i>RSC Advances</i> , 2015 , 5, 92534-92538	3.7	20
128	All three-in-one ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu ₄ Ln] (Ln(III) = Gd, Tb, Dy) clusters. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 945-948	6.8	19
127	Synthesis and first use of pyridine-2,6-diylbis(pyrazine-2-ylmethanone) in metal cluster chemistry: a {Mn(III) ₃ Na ₂ } complex with an ideal trigonal bipyramidal geometry. <i>Dalton Transactions</i> , 2015 , 44, 4318-4323		2
126	Emissive molecular nanomagnets: introducing optical properties in triangular oximate {Mn(III) ₃ } SMMs from the deliberate replacement of simple carboxylate ligands with their fluorescent analogues. <i>Dalton Transactions</i> , 2014 , 43, 1965-9	4.3	26
125	A class of phase-transfer catalyst with interionic strain: insight into the bonding of disubstituted N- vs carbene-stabilized N(I)-centered cations. <i>Organic Letters</i> , 2014 , 16, 2790-3	6.2	36
124	The bridging azido ligand as a central player in high-nuclearity 3d-metal cluster chemistry. <i>Coordination Chemistry Reviews</i> , 2014 , 275, 87-129	23.2	141
123	Supramolecular chains of high nuclearity {Mn(III) ₂₅ } barrel-like single molecule magnets. <i>Chemical Communications</i> , 2014 , 50, 779-81	5.8	23
122	Slow relaxation in the first penta-aza Dy(III) macrocyclic complex. <i>Chemical Communications</i> , 2014 , 50, 3741-3	5.8	38
121	Rare nuclearities in Ni(II) cluster chemistry: a Ni ₁₁ cage from the first use of N-salicylidene-2-amino-5-chlorobenzoic acid in metal cluster chemistry. <i>RSC Advances</i> , 2014 , 4, 12680-12684	2.7	9
120	Unexpected metal ion-assisted transformations leading to unexplored bridging ligands in Ni(II) coordination chemistry: the case of PO ₃ F(2-) group. <i>Dalton Transactions</i> , 2014 , 43, 14520-4	4.3	9
119	Discrete and encapsulated molecular grids: homometallic Mn ₁₅ and heterometallic Mn ₂₄ Ni ₂ aggregates. <i>Chemical Communications</i> , 2014 , 50, 9090-3	5.8	8
118	A new family of Ln ₄ clusters with an ideal D(3h) metal-centered trigonal prismatic geometry, and SMM and photoluminescence behaviors. <i>Dalton Transactions</i> , 2014 , 43, 11456-60	4.3	40
117	Conversion of Thebaine to Oripavine and Other Useful Intermediates for the Semisynthesis of Opiate-Derived Agents: Synthesis of Hydromorphone. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2679-2687	5.6	10
116	New classes of ferromagnetic materials with exclusively end-on azido bridges: from single-molecule magnets to 2 D molecule-based magnets. <i>Chemistry - A European Journal</i> , 2014 , 20, 13860-4	4.8	20
115	Structural and magnetic variations in tetranuclear Ni(II) clusters: the effect of the reaction solvent and ligand substitution on product identity. <i>Dalton Transactions</i> , 2014 , 43, 16605-9	4.3	26

114	Fluorescent naphthalene diols as bridging ligands in Ln(III) cluster chemistry: synthetic, structural, magnetic, and photophysical characterization of Ln(III) ₈ "Christmas stars". <i>Inorganic Chemistry</i> , 2014 , 53, 5420-2	5.1	38
113	Tetranuclear lanthanide(III) complexes with a zigzag topology from the use of pyridine-2,6-dimethanol: synthetic, structural, spectroscopic, magnetic and photoluminescence studies. <i>Inorganic Chemistry</i> , 2014 , 53, 3220-9	5.1	40
112	Structural aesthetics in molecular nanoscience: a unique Ni ₂₆ cluster with a 'rabbit-face' topology and a discrete Ni ₁₈ 'molecular chain'. <i>Chemical Communications</i> , 2014 , 50, 14942-5	5.8	31
111	Molecular nanoscale magnetic refrigerants: a ferrimagnetic {Cu(II) ₁₅ Gd(III) ₇ } cage-like cluster from the use of pyridine-2,6-dimethanol. <i>Inorganic Chemistry</i> , 2013 , 52, 10235-7	5.1	55
110	A Mn ₁₆ Mn ₁₆ single-strand molecular wheel with a reuleaux triangular topology: synthesis, structure, magnetism, and DFT studies. <i>Inorganic Chemistry</i> , 2013 , 52, 12070-9	5.1	17
109	Rare nuclearities, new structural motifs, and slow magnetization relaxation phenomena in manganese cluster chemistry: A Mn ₁₅ Na ₂ cage from the use of triethanolamine/pivalate/azide Blend <i>Polyhedron</i> , 2013 , 64, 91-98	2.7	4
108	Slow magnetization relaxation in unprecedented Mn(III) ₄ Dy(III) ₃ and Mn(III) ₄ Dy(III) ₅ clusters from the use of N-salicylidene-o-aminophenol. <i>Inorganic Chemistry</i> , 2013 , 52, 1179-81	5.1	38
107	2-Pyrrolyloximes in high-nuclearity transition-metal cluster chemistry: Fe ₁₀ and Fe ₁₂ . <i>Inorganic Chemistry</i> , 2013 , 52, 1176-8	5.1	16
106	Hexanuclear zinc(II) carboxylate complexes from the use of pyridine-2,6-dimethanol: Synthetic, structural and photoluminescence studies. <i>Polyhedron</i> , 2013 , 52, 467-475	2.7	15
105	Bis(aqua)bis(β-cyclopentadienyl)vanadium(IV) bis(trifluoromethanesulfonate) tetrahydrofuran solvate: Synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2013 , 394, 747-751	2.7	6
104	Employment of pyridyl oximes and dioximes in zinc(II) chemistry: Synthesis, structural and spectroscopic characterization, and biological evaluation. <i>Inorganica Chimica Acta</i> , 2013 , 396, 49-59	2.7	5
103	Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn ₁₄ and Mn ₁₆ . <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2286-2290	2.3	16
102	The first member of a second generation family of ligands derived from metal-ion assisted reactivity of di-2,6-(2-pyridylcarbonyl)pyridine: Synthesis and characterization of a Mn ^{II} /III ₄ rhombus. <i>Inorganic Chemistry Communication</i> , 2012 , 15, 73-77	3.1	14
101	"Squaring the clusters": a Mn(III) ₄ Ni(II) ₄ molecular square from nickel(II)-induced structural transformation of a Mn(II/III/IV) ₁₂ cage. <i>Dalton Transactions</i> , 2012 , 41, 4744-7	4.3	12
100	Solvent-Dependent Access to Two Different Ni ^{II} Core Topologies from the First Use of Pyridine-2,6-dimethanol in Nickel(II) Cluster Chemistry. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1608	1.2	14
99	First palladium(II) and platinum(II) complexes from employment of 2,6-diacetylpyridine dioxime: synthesis, structural and spectroscopic characterization, and biological evaluation. <i>Inorganic Chemistry</i> , 2012 , 51, 7699-710	5.1	58
98	Single-Strand Molecular Wheels and Coordination Polymers in Copper(II) Benzoate Chemistry by the Employment of Benzoin Oxime and Azides: Synthesis, Structures, and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3121-3131	2.3	25
97	Synthetic model of the asymmetric [Mn ₃ CaO ₄] cubane core of the oxygen-evolving complex of photosystem II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2257-62	11.5	226

96	Synthetic entry into polynuclear bismuth-manganese chemistry: high oxidation state Bi(III)2Mn(IV)6 and Bi(III)Mn(III)10 complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 5272-82	5.1	14
95	Towards models of the oxygen-evolving complex (OEC) of photosystem II: a Mn4Ca cluster of relevance to low oxidation states of the OEC. <i>Chemical Communications</i> , 2011 , 47, 11128-30	5.8	47
94	Hyperpolarized NMR in Single-File Nanotubes 2011 ,		2
93	The first non-acetato members of the bis(anion)octacarboxylatotetrakis{di-2-pyridyl-methanediolate(2-)}enneametal(II) family of complexes: Synthesis, X-ray structures and magnetism of [M9(N3)2(O2CCMe3)8{(py)2CO2}4] (M = Co, Ni). <i>Polyhedron</i> , 2011 , 30, 3026-3033	2.7	13
92	Initial employment of pyridine-2-amidoxime in zinc(II) chemistry: Synthetic, structural and spectroscopic studies of mononuclear and dinuclear complexes. <i>Inorganica Chimica Acta</i> , 2011 , 376, 470-478	2.7	16
91	High-nuclearity, mixed-valence Mn ^{II} Mn ^{III} and {Mn ^{II} } _n complexes from the use of triethanolamine. <i>Chemical Communications</i> , 2011 , 47, 274-6	5.8	45
90	Unexpected formation, X-ray structure, and characterization of the triangular [Ti3(OMe)6(β-C5H5)3](Cl) complex from hydrolysis and methanolysis of [Ti(β-C5H5)2]2. <i>Journal of Coordination Chemistry</i> , 2011 , 64, 2377-2387	1.6	7
89	A new family of nonanuclear lanthanide clusters displaying magnetic and optical properties. <i>Inorganic Chemistry</i> , 2011 , 50, 11276-8	5.1	79
88	Reactions of the metallocene dichlorides [M(Cp)2Cl2] (M=Zr, Hf) and [Ti(MeCp)2Cl2] with the pyridine-2,6-dicarboxylate(2-) ligand: Synthesis, spectroscopic characterization and X-ray structures of the products. <i>Polyhedron</i> , 2011 , 30, 451-457	2.7	8
87	Use of the 2-Pyridinealdoxime/N,N'-Donor Ligand Combination in Cobalt(III) Chemistry: Synthesis and Characterization of Two Cationic Mononuclear Cobalt(III) Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 2010,	4.2	4
86	In Search for Titanocene Complexes with Improved Cytotoxic Activity: Synthesis, X-Ray Structure, and Spectroscopic Study of Bis(eta-cyclopentadienyl)difluorotitanium(IV). <i>Bioinorganic Chemistry and Applications</i> , 2010 ,	4.2	5
85	Nickel/lanthanide single-molecule magnets: {Ni(3)Ln} "stars" with a ligand derived from the metal-promoted reduction of di-2-pyridyl ketone under solvothermal conditions. <i>Inorganic Chemistry</i> , 2010 , 49, 9737-9	5.1	91
84	Molecular wheels as nanoporous materials: differing modes of gas diffusion through Ga10 and Ga18 wheels probed by hyperpolarized 129Xe NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5387-93	16.4	36
83	A high-nuclearity 3d/4f metal oxime cluster: an unusual Ni(8)Dy(8) "core-shell" complex from the use of 2-pyridinealdoxime. <i>Inorganic Chemistry</i> , 2010 , 49, 9743-5	5.1	87
82	The highest-nuclearity manganese/oximate complex: an unusual Mn(II/III)15 cluster with an S = 6 ground state. <i>Inorganic Chemistry</i> , 2010 , 49, 3962-4	5.1	36
81	Combining azide, carboxylate, and 2-pyridyloximate ligands in transition-metal chemistry: ferromagnetic Ni(II)5 clusters with a bowtie skeleton. <i>Inorganic Chemistry</i> , 2010 , 49, 10486-96	5.1	75
80	Alpha-benzoin oxime in higher oxidation state 3d metal cluster chemistry: structural and magnetic study of a new Mn(III)(9) complex. <i>Inorganic Chemistry</i> , 2010 , 49, 3077-9	5.1	16
79	An alcoholysis route to a Cu16 cluster, and the influence of the alcohol. <i>Dalton Transactions</i> , 2010 , 39, 3554-6	4.3	6

78	A Family of 3-D Coordination Polymers Composed of Mixed-Valence Mn ₆ Octahedra within Na ₄ Tetrahedra. <i>Journal of Cluster Science</i> , 2010 , 21, 485-501	3	7
77	New Mixed-Valence MnII/III ₆ Complexes Bearing Oximato and Azido Ligands: Synthesis, and Structural and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2244-2253 ²³	2.3	15
76	Strong antiferromagnetic coupling in doubly N,O oximato-bridged dinuclear copper(II) complexes. <i>Polyhedron</i> , 2010 , 29, 204-211	2.7	29
75	Pressure dependence of the magnetization in Mn ₇ single-molecule magnets. <i>Polyhedron</i> , 2010 , 29, 2462-2464	2.7	3
74	Quantum phase interference and N-EI-vector tunneling in antiferromagnetic molecular wheels. <i>Physical Review Letters</i> , 2009 , 102, 157202	7.4	49
73	Wernsdorfer, Stamatatos, and Christou Reply:. <i>Physical Review Letters</i> , 2009 , 103,	7.4	6
72	Adventures in the Coordination Chemistry of Di-2-pyridyl Ketone and Related Ligands: From High-Spin Molecules and Single-Molecule Magnets to Coordination Polymers, and from Structural Aesthetics to an Exciting New Reactivity Chemistry of Coordinated Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3361-3391	2.3	101
71	Enhancing the quantum properties of manganese-lanthanide single-molecule magnets: observation of quantum tunneling steps in the hysteresis loops of a {Mn ₁₂ Gd} cluster. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 521-4	16.4	223
70	High-spin molecules: A mixed-valence Mn ₆ octahedron with an S=11 ground state. <i>Polyhedron</i> , 2009 , 28, 1624-1627	2.7	14
69	Old ligands with new coordination chemistry: A Mn ₁₇ Na cluster bearing triethanolamine and azide groups and exhibiting slow magnetization relaxation. <i>Polyhedron</i> , 2009 , 28, 1880-1882	2.7	8
68	A family of mononuclear CoIII/2-pyridyloximate complexes and their conversion to trinuclear, mixed-valence linear clusters. <i>Polyhedron</i> , 2009 , 28, 1638-1645	2.7	25
67	New copper(II) clusters and coordination polymers from the amalgamation of azide/benzoate/di-2-pyridyl ketone ligands. <i>Polyhedron</i> , 2009 , 28, 1656-1663	2.7	15
66	A convenient MnIII starting material for the synthesis of homo- and heterometallic manganese carboxylate clusters: Mn ₉ and Mn ₁₀ Fe complexes. <i>Polyhedron</i> , 2009 , 28, 1958-1964	2.7	7
65	1-D coordination polymers consisting of a high-spin Mn ₁₇ octahedral unit. <i>Polyhedron</i> , 2009 , 28, 1814-1817	2.7	18
64	A new family of octanuclear Mn complexes with a rod-like topology. <i>Polyhedron</i> , 2009 , 28, 3203-3208	2.7	16
63	A tetranuclear complex from the employment of pyridine-2,6-dimethanol in copper(II) nitrate chemistry: Synthetic, structural and magnetic studies. <i>Polyhedron</i> , 2009 , 28, 3235-3242	2.7	22
62	Initial use of 1,1'-oxalyldiimidazole for inorganic synthesis: Decomposition of the ligand as a means to the preparation of an imidazole- and oxalate(-2)-containing, 1D copper(II) complex. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 402-405	3.1	7
61	{Mn ₆ } _n single-chain magnet bearing azides and di-2-pyridylketone-derived ligands. <i>Inorganic Chemistry</i> , 2009 , 48, 807-9	5.1	72

- 60 A Mn₁₇ octahedron with a giant ground-state spin: occurrence in discrete form and as multidimensional coordination polymers. *Inorganic Chemistry*, **2009**, 48, 5049-51 5.1 121
- 59 Interpretation of the magnetic properties of a compound consisting of cocrystallized Cu(II)(3) and Cu(II)(4) clusters through the targeted synthesis and study of its discrete Cu(II)(4) component. *Inorganic Chemistry*, **2009**, 48, 4610-2 5.1 31
- 58 A nontwisted, ferromagnetically coupled Mn(III)₃O triangular complex from the use of 2,6-bis(hydroxymethyl)-p-cresol. *Inorganic Chemistry*, **2009**, 48, 813-5 5.1 34
- 57 Spin maximization from S = 11 to S = 16 in Mn(7) disk-like clusters: spin frustration effects and their computational rationalization. *Inorganic Chemistry*, **2009**, 48, 9831-45 5.1 44
- 56 Crystal lattice desolvation effects on the magnetic quantum tunneling of single-molecule magnets. *Physical Review B*, **2009**, 80, 3-3 32
- 55 Azide groups in high oxidation state Mn carboxylate chemistry: a new Mn(11) complex and its conversion to a Mn(25) azide complex with Me(3)SiN(3). *Chemical Communications*, **2009**, 2839-41 5.8 22
- 54 Initial use of dioximate ligands in 3d/4f cluster chemistry: synthesis, structure, and magnetic studies of an unusual [Gd(III)2Mn(IV)O]₈⁺ complex. *Inorganic Chemistry*, **2009**, 48, 429-31 5.1 63
- 53 Azide groups in higher oxidation state manganese cluster chemistry: from structural aesthetics to single-molecule magnets. *Inorganic Chemistry*, **2009**, 48, 3308-22 5.1 140
- 52 A mononuclear Mn(III)'bis-tris' complex and its conversion to a mixed-valence Mn(II/III)(5) cluster. *Dalton Transactions*, **2009**, 41-50 4.3 19
- 51 Employment of methyl 2-pyridyl ketone oxime in manganese non-carboxylate chemistry: Mn(II)(2)Mn(IV) and Mn(II)(2)Mn(III)(6) complexes. *Dalton Transactions*, **2009**, 1004-15 4.3 36
- 50 The largest single-strand molecular wheel: Ga(20) from a targeted, diolate-induced size modification of the Ga(10)'gallic wheel'. *Chemical Communications*, **2009**, 62-4 5.8 19
- 49 Alcoholysis/hydrolysis of 1,1'-carbonyldiimidazole as a means of preparing unprecedented, imidazole-containing one-dimensional coordination polymers of copper(II). *Dalton Transactions*, **2009**, 3354-62 4.3 17
- 48 Initial employment of alpha-benzoin oxime as a route to high-nuclearity metal clusters: decanuclear CuII complexes with a wheel topology. *Dalton Transactions*, **2009**, 3646-9 4.3 16
- 47 A metamagnetic 2D copper(ii)-azide complex with 1D ferromagnetism and a hysteretic spin-flop transition. *Dalton Transactions*, **2009**, 3215-21 4.3 56
- 46 High-spin Mn₄ and Mn₁₀ molecules: large spin changes with structure in mixed-valence MnII₄MnIII₆ clusters with azide and alkoxide-based ligands. *Inorganic Chemistry*, **2008**, 47, 5006-21 5.1 81
- 45 Unusual structural types in nickel cluster chemistry from the use of pyridyl oximes: Ni₅, Ni₁₂Na₂, and Ni₁₄ clusters. *Inorganic Chemistry*, **2008**, 47, 11825-38 5.1 71
- 44 On the origin of ferromagnetism in oximate-based [Mn₃O]₇⁺ triangles. *Dalton Transactions*, **2008**, 234-40 4.3 62
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