Theocharis C Stamatatos

List of Publications by Year
in descending order

166 papers	7,000 citations	50276 46 h-index	71685 76 g-index
173 all docs	173 docs citations	173 times ranked	4026 citing authors

#	Article	IF	Citations
1	The coordination chemistry of pyridyl oximes. Polyhedron, 2006, 25, 134-194.	2.2	308
2	Synthetic model of the asymmetric [Mn ₃ CaO ₄] cubane core of the oxygen-evolving complex of photosystem II. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2257-2262.	7.1	259
3	â€œSpin Tweakingâ€•of a High-Spin Molecule: An Mn25 Single-Molecule Magnet with anS=61/2 Ground State. Angewandte Chemie - International Edition, 2007, 46, 884-888.	13.8	243
4	Enhancing the Quantum Properties of Manganeseâ€“Lanthanide Singleâ€•Molecule Magnets: Observation of Quantum Tunneling Steps in the Hysteresis Loops of a {Mn₁₂Gd} Cluster. Angewandte Chemie - International Edition, 2009, 48, 521-524.	13.8	231
5	â€œSwitching Onâ€•the Properties of Single-Molecule Magnetism in Triangular Manganese(III) Complexes. Journal of the American Chemical Society, 2007, 129, 9484-9499.	13.7	212
6	Initial Example of a Triangular Single-Molecule Magnet from Ligand-Induced Structural Distortion of a [MnIII3O]7+ Complex. Journal of the American Chemical Society, 2005, 127, 15380-15381.	13.7	165
7	High-Nuclearity, High-Symmetry, High-Spin Molecules: A Mixed-Valence Mn10 Cage Possessing RareT symmetry and anS=22 Ground State. Angewandte Chemie - International Edition, 2006, 45, 4134-4137.	13.8	164
8	The bridging azido ligand as a central â€œplayerâ€•in high-nuclearity 3d-metal cluster chemistry. Coordination Chemistry Reviews, 2014, 275, 87-129.	18.8	158
9	Azide Groups in Higher Oxidation State Manganese Cluster Chemistry: From Structural Aesthetics to Single-Molecule Magnets. Inorganic Chemistry, 2009, 48, 3308-3322.	4.0	143
10	A Mn₁₇Octahedron with a Giant Ground-State Spin: Occurrence in Discrete Form and as Multidimensional Coordination Polymers. Inorganic Chemistry, 2009, 48, 5049-5051.	4.0	131
11	A Family of 3D Coordination Polymers Composed of Mn19 Magnetic Units. Angewandte Chemie - International Edition, 2006, 45, 7722-7725.	13.8	125
12	Reversible Size Modification of Iron and Gallium Molecular Wheels: A Ga10 â€œGallic Wheelâ€•and Large Ga18 and Fe18 Wheels. Angewandte Chemie - International Edition, 2006, 45, 7379-7383.	13.8	121
13	Covalently Linked Dimers of Clusters: Loopâ€•and Dumbbellâ€Shaped Mn₂₄ and Mn₂₆ Singleâ€•Molecule Magnets. Angewandte Chemie - International Edition, 2008, 47, 6694-6698.	13.8	118
14	Adventures in the Coordination Chemistry of Diâ€2â€•pyridyl Ketone and Related Ligands: From Highâ€Spin Molecules and Singleâ€•Molecule Magnets to Coordination Polymers, and from Structural Aesthetics to an Exciting New Reactivity Chemistry of Coordinated Ligands. European Journal of Inorganic Chemistry, 2009, 2009, 3361-3391.	2.0	112
15	Phenyl 2-Pyridyl Ketone and Its Oxime in Manganese Carboxylate Chemistry: Synthesis, Characterisation, X-ray Studies and Magnetic Properties of Mononuclear, Trinuclear and Octanuclear Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 2885-2901.	2.0	102
16	Nickel/Lanthanide Single-Molecule Magnets: {Ni₃Ln} â€œStarsâ€•with a Ligand Derived from the Metal-Promoted Reduction of Di-2-pyridyl Ketone under Solvothermal Conditions. Inorganic Chemistry, 2010, 49, 9737-9739.	4.0	97
17	A High-Nuclearity 3d/4f Metal Oxime Cluster: An Unusual Ni₈Dy₈ â€œCoreâ€”Shellâ€• Complex from the Use of 2-Pyridinealdoxime. Inorganic Chemistry, 2010, 49, 9743-9745.	4.0	89
18	High-Spin Mn₄ and Mn₁₀ Molecules: Large Spin Changes with Structure in Mixed-Valence Mn^{II}₄Mn^{III}₆ Clusters with Azide and Alkoxide-Based Ligands. Inorganic Chemistry, 2008, 47, 5006-5021.	4.0	85

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19	A New Family of Nonanuclear Lanthanide Clusters Displaying Magnetic and Optical Properties. Inorganic Chemistry, 2011, 50, 11276-11278.	4.0	85
20	The First Cobalt Metallacrowns:â€‰ Preparation and Characterization of Mixed-Valence Cobalt(II/III), Inverse 12-Metallacrown-4 Complexes. Inorganic Chemistry, 2005, 44, 3374-3376.	4.0	77
21	Synthesis and Characterization of a Mn22 Single-Molecule Magnet and a [Mn22]n Single-Chain Magnet. Inorganic Chemistry, 2007, 46, 9160-9171.	4.0	77
22	Unusual Structural Types in Nickel Cluster Chemistry from the Use of Pyridyl Oximes: Ni₅, Ni₁₂Na₂, and Ni₁₄ Clusters. Inorganic Chemistry, 2008, 47, 11825-11838.	4.0	76
23	Combining Azide, Carboxylate, and 2-Pyridyloximate Ligands in Transition-Metal Chemistry: Ferromagnetic NiII5Clusters with a Bowtie Skeleton. Inorganic Chemistry, 2010, 49, 10486-10496.	4.0	76
24	{Mn₆}_n Single-Chain Magnet Bearing Azides and Di-2-pyridylketone-Derived Ligands. Inorganic Chemistry, 2009, 48, 807-809.	4.0	73
25	New Fe₄, Fe₆, and Fe₈Clusters of Iron(III) from the Use of 2-Pyridyl Alcohols: Structural, Magnetic, and Computational Characterization. Inorganic Chemistry, 2008, 47, 4095-4108.	4.0	72
26	Ferromagnetic Coupling in a 1D Coordination Polymer Containing a Symmetric [Cu(Î¼1,1-N3)2Cu(Î¼1,1-N3)2Cu]2+ Core and Based on an Organic Ligand Obtained from the Solid State. Inorganic Chemistry, 2007, 46, 8843-8850.	4.0	71
27	First Palladium(II) and Platinum(II) Complexes from Employment of 2,6-Diacetylpyridine Dioxime: Synthesis, Structural and Spectroscopic Characterization, and Biological Evaluation. Inorganic Chemistry, 2012, 51, 7699-7710.	4.0	69
28	Copper(II) chloride/1-methylbenzotriazole chemistry: influence of various synthetic parameters on the product identity, structural and magnetic characterization, and quantum-chemical studies. Inorganica Chimica Acta, 2005, 358, 565-582.	2.4	67
29	Transition Metal Single-Molecule Magnets: A {Mn₃₁} Nanosized Cluster with a Large Energy Barrier of âˆ¼60 K and Magnetic Hysteresis at âˆ¼5 K. Journal of the American Chemical Society, 2017, 139, 15644-15647.	13.7	66
30	Acetate/Di-2-pyridyl Ketone Oximate â€œBlendâ€•as a Source of High-Nuclearity Nickel(II) Clusters:Â Dependence of the Nuclearity on the Nature of the Inorganic Anion Present. Inorganic Chemistry, 2007, 46, 2350-2352.	4.0	65
31	On the origin of ferromagnetism in oximato-based [Mn3O]7+triangles. Dalton Transactions, 2008, , 234-240.	3.3	65
32	Formation of the core in copper(II) carboxylate chemistry via use of di-2-pyridyl ketone oxime [(py)2CNOH]:[Cu3(OH)(O2CR)2{(py)2CNO}3] (R=Me, Ph). Inorganic Chemistry Communication, 2006, 9, 814-818.	3.9	64
33	High Nuclearity Single-Molecule Magnets: a Mixed-Valence Mn26 Cluster Containing the Di-2-pyridylketone Diolate Dianion. Inorganic Chemistry, 2008, 47, 10081-10089.	4.0	63
34	Initial Use of Dioximate Ligands in 3d/4f Cluster Chemistry: Synthesis, Structure, and Magnetic Studies of an Unusual [GdIII2MnIVO]8+ Complex. Inorganic Chemistry, 2009, 48, 429-431.	4.0	63
35	A metamagnetic 2D copper(ii)-azide complex with 1D ferromagnetism and a hysteretic spin-flop transition. Dalton Transactions, 2009, , 3215.	3.3	63
36	New Mn3 structural motifs in manganese single-molecule magnetism from the use of 2-pyridyloximate ligands. Polyhedron, 2007, 26, 2165-2168.	2.2	60

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37	â€œSquaring the Circleâ€•â€‰ Molecular Squares and Rectangles from Chelate-Induced Structural Transformations of Known Fe₁₀ and New Fe₁₂ Ferric Wheels. Journal of the American Chemical Society, 2007, 129, 9840-9841.	13.7	59
38	Mixed valency in polynuclear Mn II /Mn III , Mn III /Mn IV and Mn II /Mn III /Mn IV clusters: a foundation for high-spin molecules and single-molecule magnets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2008, 366, 113-125.	3.4	59
39	Molecular Nanoscale Magnetic Refrigerants: A Ferrimagnetic {Cu^{II}₁₅Gd^{III}₇} Cagelike Cluster from the Use of Pyridine-2,6-dimethanol. Inorganic Chemistry, 2013, 52, 10235-10237.	4.0	58
40	The highest nuclearity metal oxime clusters: Ni14 and Ni12Na2 complexes from the use of 2-pyridinealdoximate and azide ligands. Dalton Transactions, 2007, , 3861.	3.3	55
41	Large Energy Barrier and Magnetization Hysteresis at 5 K for a Symmetric {Dy₂} Complex with Spherical Tricapped Trigonal Prismatic Dy^{III} Ions. Inorganic Chemistry, 2017, 56, 3568-3578.	4.0	55
42	Employment of 2,6-Diacetylpyridine Dioxime as a New Route to High Nuclearity Metal Clusters:â€‰ Mn₆ and Mn₈ Complexes. Inorganic Chemistry, 2008, 47, 1134-1144.	4.0	54
43	Towards models of the oxygen-evolving complex (OEC) of photosystem II: a Mn4Ca cluster of relevance to low oxidation states of the OEC. Chemical Communications, 2011, 47, 11128.	4.1	53
44	Quantum Phase Interference and NÃ©el-Vector Tunneling in Antiferromagnetic Molecular Wheels. Physical Review Letters, 2009, 102, 157202.	7.8	51
45	High-nuclearity, mixed-valence Mn₁₇, Mn₁₈and {Mn₆₂}_ncomplexes from the use of triethanolamine. Chemical Communications, 2011, 47, 274-276.	4.1	49
46	Old ligands with new coordination chemistry: Linear trinuclear mixed oxidation state cobalt(III/II/III) complexes and their mononuclear â€œligandâ€•cobalt(III) complexes featuring 2-pyridyloximates. Inorganic Chemistry Communication, 2005, 8, 533-538.	3.9	46
47	Mixed-Valence Cobalt(II/III) Carboxylate Clusters: CoII4CoIII2 and CoIICoIII2 Complexes from the Use of 2-(Hydroxymethyl)pyridine. European Journal of Inorganic Chemistry, 2007, 2007, 5098-5104.	2.0	46
48	Tetranuclear Lanthanide(III) Complexes with a Zigzag Topology from the Use of Pyridine-2,6-dimethanol: Synthetic, Structural, Spectroscopic, Magnetic and Photoluminescence Studies. Inorganic Chemistry, 2014, 53, 3220-3229.	4.0	46
49	Di-2-pyridyl Ketone/Benzoate/Azide Combination as a Source of Copper(II) Clusters and Coordination Polymers: Dependence of the Product Identity on the Solvent. Inorganic Chemistry, 2008, 47, 7969-7971.	4.0	45
50	Spin Maximization: Switching of the Usual S = 11 State of Mn^{II}₄Mn^{III}₃ Disklike Complexes to the Maximum S = 16. Inorganic Chemistry, 2008, 47, 6593-6595.	4.0	45
51	Spin Maximization from S = 11 to S = 16 in Mn₇ Disk-Like Clusters: Spin Frustration Effects and Their Computational Rationalization. Inorganic Chemistry, 2009, 48, 9831-9845.	4.0	45
52	A new family of Ln₇ clusters with an ideal D_{3h} metal-centered trigonal prismatic geometry, and SMM and photoluminescence behaviors. Dalton Transactions, 2014, 43, 11456-11460.	3.3	44
53	Slow relaxation in the first penta-aza Dy(<scp>iii</scp>) macrocyclic complex. Chemical Communications, 2014, 50, 3741-3743.	4.1	42
54	Slow Magnetization Relaxation in Unprecedented Mn^{III}₄Dy^{III}₃ and Mn^{III}₄Dy^{III}₅ Clusters from the Use of N-Salicylidene-o-aminophenol. Inorganic Chemistry, 2013, 52, 1179-1181.	4.0	41

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55	Fluorescent Naphthalene Diols as Bridging Ligands in Ln^{III} Cluster Chemistry: Synthetic, Structural, Magnetic, and Photophysical Characterization of Ln^{III}₈ â€œChristmas Starsâ€• Inorganic Chemistry, 2014, 53, 5420-5422.	4.0	40
56	Employment of methyl 2-pyridyl ketone oxime in manganese non-carboxylate chemistry: MnII2MnIV and MnII2MnIII6 complexes. Dalton Transactions, 2009, , 1004.	3.3	39
57	Reactivity and Structural and Physical Studies of Tetranuclear Iron(III) Clusters Containing the [Fe4(Î¼3-O)2]8+ â€œButterflyâ€•Core:â€‰ an FeIII4 Cluster with an S = 1 Ground State. Inorganic Chemistry, 2006, 45, 7372-7381.	4.6	38
58	2-Pyridyloximate clusters of cobalt and nickel. Polyhedron, 2007, 26, 1830-1834.	2.2	38
59	Molecular Wheels as Nanoporous Materials: Differing Modes of Gas Diffusion through Ga₁₀ and Ga₁₈ Wheels Probed by Hyperpolarized ¹²⁹Xe NMR Spectroscopy. Journal of the American Chemical Society, 2010, 132, 5387-5393.	13.7	38
60	Dodecanuclear 3d/4f-metal clusters with a â€˜Star of Davidâ€™ topology: single-molecule magnetism and magnetocaloric properties. Chemical Communications, 2016, 52, 1693-1696.	4.1	38
61	A Class of Phase-Transfer Catalyst with Interionic Strain: Insight into the Bonding of Disubstituted N- vs Carbene-Stabilized N^I-Centered Cations. Organic Letters, 2014, 16, 2790-2793.	4.6	37
62	Enneanuclear Ni(II) complexes from the use of the flexible ligand 2-pyridinealdoxime: The nature of the inorganic anion does not affect the chemical and structural identity of the cationic cluster. Inorganica Chimica Acta, 2006, 359, 4149-4157.	2.4	36
63	Influence of the Dzyaloshinskii-Moriya Exchange Interaction on Quantum Phase Interference of Spins. Physical Review Letters, 2008, 101, 237204.	7.8	36
64	The Highest-Nuclearity Manganese/Oximate Complex: An Unusual Mn^{II/III}₁₅ Cluster with an S = 6 Ground State. Inorganic Chemistry, 2010, 49, 3962-3964.	4.0	36
65	Structural aesthetics in molecular nanoscience: a unique Ni₂₆ cluster with a â€˜rabbit-faceâ€™ topology and a discrete Ni₁₈ â€˜molecular chainâ€™. Chemical Communications, 2014, 50, 14942-14945.	4.1	36
66	Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. Applied Physiology, Nutrition and Metabolism, 2015, 40, 407-413.	1.9	35
67	A family of â€˜windmillâ€™-like {Cu₆Ln₁₂} complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. Chemical Communications, 2017, 53, 4266-4269.	4.1	35
68	4-(Hydroxymethyl)pyridine and pyrimidine in manganese benzoate chemistry: Preparation and characterization of hexanuclear clusters featuring the core. Polyhedron, 2006, 25, 1737-1746.	2.2	34
69	A Nontwisted, Ferromagnetically Coupled MnIII3O Triangular Complex from the Use of 2,6-Bis(hydroxymethyl)-p-cresol. Inorganic Chemistry, 2009, 48, 813-815.	4.0	34
70	A new Mn25 single-molecule magnet with an S=61/2 ground state arising from ligand-induced â€˜spin-tweakingâ€™ in a high-spin molecule. Polyhedron, 2007, 26, 2095-2100.	2.2	33
71	High-Yield Syntheses and Reactivity Studies of Fe10 â€œFerric Wheelsâ€• Structural, Magnetic, and Computational Characterization of a Star-Shaped Fe8 Complex. Inorganic Chemistry, 2008, 47, 9021-9034.	4.0	33
72	Cadmium Carboxylate Chemistry: Preparation, Crystal Structure, and Thermal and Spectroscopic Characterization of the One-dimensional Polymer [Cd(O2CMe)(O2CPh)(H2O)2]n. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 1045-1054.	0.7	32

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73	Ferromagnetically-coupled decanuclear, mixed-valence [Mn10O4(N3)4(hmp)12]2+ [hmpH=2-(hydroxymethyl)pyridine] clusters with rare T symmetry and an S=22 ground state. Polyhedron, 2007, 26, 2042-2046.	2.2	32
74	Interpretation of the Magnetic Properties of a Compound Consisting of Cocrystallized CuII3 and CuII4 Clusters through the Targeted Synthesis and Study of Its Discrete CuII4 Component. Inorganic Chemistry, 2009, 48, 4610-4612.	4.0	32
75	Crystal lattice desolvation effects on the magnetic quantum tunneling of single-molecule magnets. Physical Review B, 2009, 80, .	3.2	32
76	Structural and magnetic variations in tetranuclear Ni^{II} clusters: the effect of the reaction solvent and ligand substitution on product identity. Dalton Transactions, 2014, 43, 16605-16609.	3.3	32
77	Strong antiferromagnetic coupling in doubly N,O oximato-bridged dinuclear copper(II) complexes. Polyhedron, 2010, 29, 204-211.	2.2	31
78	Emissive molecular nanomagnets: introducing optical properties in triangular oximato {Mn^{III}₃} SMMs from the deliberate replacement of simple carboxylate ligands with their fluorescent analogues. Dalton Transactions, 2014, 43, 1965-1969.	3.3	28
79	Single-Strand Molecular Wheels and Coordination Polymers in Copper(II) Benzoate Chemistry by the Employment of Î±-Benzoin Oxime and Azides: Synthesis, Structures, and Magnetic Characterization. European Journal of Inorganic Chemistry, 2012, 2012, 3121-3131.	2.0	27
80	Rare â€œJanusâ€•faced single-molecule magnet exhibiting intramolecular ferromagnetic interactions. Chemical Science, 2019, 10, 1626-1633.	7.4	27
81	Initial use of di-2-pyridyl ketone oxime in chromium carboxylate chemistry: Triangular compounds and unexpected formation of a carboxylate-free dichromium(II,II) complex. Inorganica Chimica Acta, 2007, 360, 69-83.	2.4	26
82	A general synthetic route for the preparation of high-spin molecules: Replacement of bridging hydroxo ligands in molecular clusters by end-on azido ligands. Polyhedron, 2007, 26, 2089-2094.	2.2	25
83	A family of mononuclear CoIII/2-pyridyloximate complexes and their conversion to trinuclear, mixed-valence linear clusters. Polyhedron, 2009, 28, 1638-1645.	2.2	25
84	The largest single-strand molecular wheel: Ga20from a targeted, diolate-induced size modification of the Ga10â€˜gallic wheelâ€™. Chemical Communications, 2009, , 62-64.	4.1	25
85	New Classes of Ferromagnetic Materials with Exclusively Endâ€on Azido Bridges: From Singleâ€Molecule Magnets to 2â€‰D Moleculeâ€Based Magnets. Chemistry - A European Journal, 2014, 20, 13860-13864.	3.3	25
86	Organic chelate-free and azido-rich metal clusters and coordination polymers from the use of Me₃SiN₃: a new synthetic route to complexes with beautiful structures and diverse magnetic properties. Chemical Communications, 2019, 55, 11-26.	4.1	25
87	New structural topologies in 4f-metal cluster chemistry from vertex-sharing butterfly units: {LnIII7} complexes exhibiting slow magnetization relaxation and ligand-centred emissions. RSC Advances, 2015, 5, 92534-92538.	3.6	24
88	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, 7555-7561.	4.0	24
89	Azide groups in high oxidation state Mn carboxylate chemistry: a new Mn11 complex and its conversion to a Mn25 azide complex with Me3SiN3. Chemical Communications, 2009, , 2839.	4.1	23
90	Supramolecular chains of high nuclearity {Mn^{III}₂₅} barrel-like single molecule magnets. Chemical Communications, 2014, 50, 779-781.	4.1	23

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91	Emissive {Mn₄^{III}Ca} Clusters with Square Pyramidal Topologies: Syntheses and Structural, Spectroscopic, and Physicochemical Characterization. Inorganic Chemistry, 2015, 54, 2137-2151.	4.0	23
92	A tetranuclear complex from the employment of pyridine-2,6-dimethanol in copper(II) nitrate chemistry: Synthetic, structural and magnetic studies. Polyhedron, 2009, 28, 3235-3242.	2.2	22
93	â€˜All three-in-oneâ€™: ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu₄Ln] (Ln^{III} = Gd, Tb, Dy) clusters. Inorganic Chemistry Frontiers, 2015, 2, 945-948.	6.0	22
94	Oximato-Based Ligands in 3d/4f-Metal Cluster Chemistry: A Family of {Cu₃Ln} Complexes with a â€œPropellerâ€•like Topology and Single-Molecule Magnetic Behavior. Inorganic Chemistry, 2018, 57, 13944-13952.	4.0	22
95	Alcoholysis/hydrolysis of 1,1â€²-carbonyldiimidazole as a means of preparing unprecedented, imidazole-containing one-dimensional coordination polymers of copper(II). Dalton Transactions, 2009, , 3354.	3.3	21
96	A mononuclear Mn^{III}/â€˜bis-trisâ€™ complex and its conversion to a mixed-valence Mn^{II}^{/III}₅cluster. Dalton Transactions, 2009, , 41-50.	3.3	20
97	â€œLigands-with-Benefitsâ€• Naphthalene-Substituted Schiff Bases Yielding New Ni^{II} Metal Clusters with Ferromagnetic and Emissive Properties and Undergoing Exciting Transformations. Inorganic Chemistry, 2016, 55, 1270-1277.	4.0	20
98	Heterometallic Cu/Ln cluster chemistry: ferromagnetically-coupled {Cu₄Ln₂} complexes exhibiting single-molecule magnetism and magnetocaloric properties. Dalton Transactions, 2018, 47, 11934-11941.	3.3	20
99	Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn₁₄ and Mn₁₆. European Journal of Inorganic Chemistry, 2013, 2013, 2286-2290.	2.0	19
100	â€œMolecular Nanoclustersâ€• A 2-nm-Sized {Mn₂₉} Cluster with a Spherical Structure. Inorganic Chemistry, 2016, 55, 12118-12121.	4.0	19
101	1-D coordination polymers consisting of a high-spin Mn17 octahedral unit. Polyhedron, 2009, 28, 1814-1817.	2.2	18
102	A Mn^{II}₆Mn^{III}₆ Single-Strand Molecular Wheel with a Reuleaux Triangular Topology: Synthesis, Structure, Magnetism, and DFT Studies. Inorganic Chemistry, 2013, 52, 12070-12079.	4.0	18
103	A new MnII4MnIII4 cluster from the use of methyl 2-pyridyl ketone oxime in manganese carboxylate chemistry: Synthetic, structural and magnetic studies. Polyhedron, 2008, 27, 3703-3709.	2.2	16
104	A new family of octanuclear Mn complexes with a rod-like topology. Polyhedron, 2009, 28, 3203-3208.	2.2	16
105	Initial employment of Î±-benzoin oxime as a route to high-nuclearity metal clusters: decanuclear CuII complexes with a wheel topology. Dalton Transactions, 2009, , 3646.	3.3	16
106	Î±-Benzoin Oxime in Higher Oxidation State 3d Metal Cluster Chemistry: Structural and Magnetic Study of a New Mn^{III}₉Complex. Inorganic Chemistry, 2010, 49, 3077-3079.	4.0	16
107	Synthetic Entry into Polynuclear Bismuthâ€“Manganese Chemistry: High Oxidation State Bi^{III}₂Mn^{IV}₆ and Bi^{III}Mn^{III}₁₀ Complexes. Inorganic Chemistry, 2011, 50, 5272-5282.	4.0	16
108	Initial employment of pyridine-2-amidoxime in zinc(II) chemistry: Synthetic, structural and spectroscopic studies of mononuclear and dinuclear complexes. Inorganica Chimica Acta, 2011, 376, 470-478.	2.4	16

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109	2-Pyrrolyloximes in High-Nuclearity Transition-Metal Cluster Chemistry: Fe₁₀ and Fe₁₂. Inorganic Chemistry, 2013, 52, 1176-1178.	4.0	16
110	Hexanuclear zinc(II) carboxylate complexes from the use of pyridine-2,6-dimethanol: Synthetic, structural and photoluminescence studies. Polyhedron, 2013, 52, 467-475.	2.2	16
111	High-spin molecules: A mixed-valence Mn6 octahedron with an S=11 ground state. Polyhedron, 2009, 28, 1624-1627.	2.2	15
112	New copper(II) clusters and coordination polymers from the amalgamation of azide/benzoate/di-2-pyridyl ketone ligands. Polyhedron, 2009, 28, 1656-1663.	2.2	15
113	New Mixedâ€Valence Mn^{II/III}₆ Complexes Bearing Oximato and Azido Ligands: Synthesis, and Structural and Magnetic Characterization. European Journal of Inorganic Chemistry, 2010, 2010, 2244-2253.	2.0	15
114	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 MnII/III4 rhombus. Inorganic Chemistry Communication, 2012, 15, 73-77.	3.9	15
115	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, 10256-10270.	3.3	15
116	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.	3.0	15
117	Structural Diversities in Heterometallic Mnâ€“Ca Cluster Chemistry from the Use of Salicylhydroxamic Acid: {Mn^{III}₄Ca₂}, {Mn^{II/III}₆Ca₂}, {Mn^{III/IV}₈Ca}, and {Mn^{III}₈Ca₂} Complexes with Relevance to Both High- and Low-Valent States of the Oxygen-Evolving Complex. Inorganic Chemistry, 2017, 56, 10760-10774.	4.0	15
118	The first non-acetato members of the bis(anion)octacarboxylatotetrakis{di-2-pyridyl-methanediolate(â^’2)}enneametal(II) family of complexes: Synthesis, X-ray structures and magnetism of [M9(N3)2(O2CCMe3)8{(py)2CO2}4] (M=Co, Ni). Polyhedron, 2011, 30, 3026-3033.	2.2	14
119	Solvent-Dependent Access to Two Different Ni4II Core Topologies from the First Use of Pyridine-2,6-dimethanol in Nickel(II) Cluster Chemistry. Australian Journal of Chemistry, 2012, 65, 1608.	0.9	14
120	An unusual dichromium(II,II) compound bearing di-2-pyridyl ketone oximate ligands and prepared by the ligand-assisted reduction of a trichromium(III,III,III) complex in air. Inorganic Chemistry Communication, 2006, 9, 1178-1182.	3.9	13
121	Control of the inhomogeneity degree by magnetic dilution in crystals of antiferromagnetic molecular rings. Physical Review B, 2008, 78, .	3.2	12
122	â€œSquaring the clustersâ€• a MnIII4NiII4 molecular square from nickel(ii)-induced structural transformation of a MnII/III/IV12 cage. Dalton Transactions, 2012, 41, 4744.	3.3	12
123	Conversion of Thebaine to Oripavine and Other Useful Intermediates for the Semisynthesis of Opiateâ€Derived Agents: Synthesis of Hydromorphone. Advanced Synthesis and Catalysis, 2014, 356, 2679-2687.	4.3	12
124	Structural and Magnetic Variations in a Family of Isoskeletal, Oximateâ€Bridged {Mn IV 2 M III } Complexes (M III =Mn, Gd, Dy). Chemistry - A European Journal, 2018, 24, 2588-2592.	3.3	12
125	High-frequency EPR characterization of a triangular Mn3 single-molecule magnet. Polyhedron, 2007, 26, 2225-2229.	2.2	11
126	Unexpected metal ion-assisted transformations leading to unexplored bridging ligands in Ni^{II} coordination chemistry: the case of PO₃F^{2â^’} group. Dalton Transactions, 2014, 43, 14520-14524.	3.3	11

#	Article	IF	Citations
127	High nuclearity ceriumâ€“manganese clusters and their structural and magnetic properties: CeIV3MnIII7 and CeIV5MnIII11. Polyhedron, 2016, 103, 288-294.	2.2	11
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