

Theocharis C Stamatatos

List of Publications by Year in descending order

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71532

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173
all docs

173
docs citations

173
times ranked

4026
citing authors

#	ARTICLE	IF	CITATIONS
1	The coordination chemistry of pyridyl oximes. <i>Polyhedron</i> , 2006, 25, 134-194.	1.0	308
2	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, 2257-2262.	3.3	259
3	“Spin Tweaking” of a High-Spin Molecule: An Mn ₂₅ Single-Molecule Magnet with an S=61/2 Ground State. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 884-888.	7.2	243
4	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, 521-524.	7.2	231
5	“Switching On” the Properties of Single-Molecule Magnetism in Triangular Manganese(III) Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 9484-9499.	6.6	212
6	Initial Example of a Triangular Single-Molecule Magnet from Ligand-Induced Structural Distortion of a [Mn ₃ O] ⁷⁺ Complex. <i>Journal of the American Chemical Society</i> , 2005, 127, 15380-15381.	6.6	165
7	High-Nuclearity, High-Symmetry, High-Spin Molecules: A Mixed-Valence Mn ₁₀ Cage Possessing Rare T symmetry and an S=22 Ground State. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4134-4137.	7.2	164
8	The bridging azido ligand as a central “player” in high-nuclearity 3d-metal cluster chemistry. <i>Coordination Chemistry Reviews</i> , 2014, 275, 87-129.	9.5	158
9	Azide Groups in Higher Oxidation State Manganese Cluster Chemistry: From Structural Aesthetics to Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 3308-3322.	1.9	143
10	A Mn ₁₇ Octahedron with a Giant Ground-State Spin: Occurrence in Discrete Form and as Multidimensional Coordination Polymers. <i>Inorganic Chemistry</i> , 2009, 48, 5049-5051.	1.9	131
11	A Family of 3D Coordination Polymers Composed of Mn ₁₉ Magnetic Units. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7722-7725.	7.2	125
12	Reversible Size Modification of Iron and Gallium Molecular Wheels: A Ga ₁₀ “Gallic Wheel” and Large Ga ₁₈ and Fe ₁₈ Wheels. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7379-7383.	7.2	121
13	Covalently Linked Dimers of Clusters: Loop- and Dumbbell-Shaped Mn ₂₄ and Mn ₂₆ Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6694-6698.	7.2	118
14	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.	1.0	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. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2885-2901.	1.0	102
16	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, 9737-9739.	1.9	97
17	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, 9743-9745.	1.9	89
18	High-Spin Mn ₄ and Mn ₁₀ Molecules: Large Spin Changes with Structure in Mixed-Valence Mn ^{II} ₄ Mn ^{III} ₆ Clusters with Azide and Alkoxide-Based Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 5006-5021.	1.9	85

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19	A New Family of Nonanuclear Lanthanide Clusters Displaying Magnetic and Optical Properties. <i>Inorganic Chemistry</i> , 2011, 50, 11276-11278.	1.9	85
20	The First Cobalt Metallacrowns: Preparation and Characterization of Mixed-Valence Cobalt(II/III), Inverse 12-Metallacrown-4 Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 3374-3376.	1.9	77
21	Synthesis and Characterization of a Mn ₂₂ Single-Molecule Magnet and a [Mn ₂₂] _n Single-Chain Magnet. <i>Inorganic Chemistry</i> , 2007, 46, 9160-9171.	1.9	77
22	Unusual Structural Types in Nickel Cluster Chemistry from the Use of Pyridyl Oximes: Ni ₅ , Ni ₁₂ Na ₂ , and Ni ₁₄ Clusters. <i>Inorganic Chemistry</i> , 2008, 47, 11825-11838.	1.9	76
23	Combining Azide, Carboxylate, and 2-Pyridyloximate Ligands in Transition-Metal Chemistry: Ferromagnetic Ni ₅ Clusters with a Bowtie Skeleton. <i>Inorganic Chemistry</i> , 2010, 49, 10486-10496.	1.9	76
24	{Mn ₆ } _n Single-Chain Magnet Bearing Azides and Di-2-pyridylketone-Derived Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 807-809.	1.9	73
25	New Fe ₄ , Fe ₆ , and Fe ₈ Clusters of Iron(III) from the Use of 2-Pyridyl Alcohols: Structural, Magnetic, and Computational Characterization. <i>Inorganic Chemistry</i> , 2008, 47, 4095-4108.	1.9	72
26	Ferromagnetic Coupling in a 1D Coordination Polymer Containing a Symmetric [Cu(1/4 1,1-N ₃) ₂ Cu(1/4 1,1-N ₃) ₂ Cu] ₂ ⁺ Core and Based on an Organic Ligand Obtained from the Solid State. <i>Inorganic Chemistry</i> , 2007, 46, 8843-8850.	1.9	71
27	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, 7699-7710.	1.9	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. <i>Inorganica Chimica Acta</i> , 2005, 358, 565-582.	1.2	67
29	Transition Metal Single-Molecule Magnets: A {Mn ₃₁ } Nanosized Cluster with a Large Energy Barrier of $\hat{\sim}$ 1460 K and Magnetic Hysteresis at $\hat{\sim}$ 145 K. <i>Journal of the American Chemical Society</i> , 2017, 139, 15644-15647.	6.6	66
30	Acetate/Di-2-pyridyl Ketone Oximate Blend as a Source of High-Nuclearity Nickel(II) Clusters: Dependence of the Nuclearity on the Nature of the Inorganic Anion Present. <i>Inorganic Chemistry</i> , 2007, 46, 2350-2352.	1.9	65
31	On the origin of ferromagnetism in oximate-based [Mn ₃ O] ₇ triangles. <i>Dalton Transactions</i> , 2008, , 234-240.	1.6	65
32	Formation of the core in copper(II) carboxylate chemistry via use of di-2-pyridyl ketone oxime [(py) ₂ CNOH]:[Cu ₃ (OH)(O ₂ CR) ₂ {(py) ₂ CNO} ₃] (R=Me, Ph). <i>Inorganic Chemistry Communication</i> , 2006, 9, 814-818.	1.8	64
33	High Nuclearity Single-Molecule Magnets: a Mixed-Valence Mn ₂₆ Cluster Containing the Di-2-pyridylketone Diolate Dianion. <i>Inorganic Chemistry</i> , 2008, 47, 10081-10089.	1.9	63
34	Initial Use of Dioximate Ligands in 3d/4f Cluster Chemistry: Synthesis, Structure, and Magnetic Studies of an Unusual [GdIII ₂ MnIVO] ₈ ⁺ Complex. <i>Inorganic Chemistry</i> , 2009, 48, 429-431.	1.9	63
35	A metamagnetic 2D copper(ii)-azide complex with 1D ferromagnetism and a hysteretic spin-flop transition. <i>Dalton Transactions</i> , 2009, , 3215.	1.6	63
36	New Mn ₃ structural motifs in manganese single-molecule magnetism from the use of 2-pyridyloximate ligands. <i>Polyhedron</i> , 2007, 26, 2165-2168.	1.0	60

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37	“Squaring the Circle” Molecular Squares and Rectangles from Chelate-Induced Structural Transformations of Known Fe ₁₀ and New Fe ₁₂ Ferric Wheels. <i>Journal of the American Chemical Society</i> , 2007, 129, 9840-9841.	6.6	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. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 113-125.	1.6	59
39	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, 10235-10237.	1.9	58
40	The highest nuclearity metal oxime clusters: Ni ₁₄ and Ni ₁₂ Na ₂ complexes from the use of 2-pyridinealdoximate and azide ligands. <i>Dalton Transactions</i> , 2007, , 3861.	1.6	55
41	Large Energy Barrier and Magnetization Hysteresis at 5 K for a Symmetric {Dy ₂ } Complex with Spherical Tricapped Trigonal Prismatic Dy ^{III} Ions. <i>Inorganic Chemistry</i> , 2017, 56, 3568-3578.	1.9	55
42	Employment of 2,6-Diacetylpyridine Dioxime as a New Route to High Nuclearity Metal Clusters: Mn ₆ and Mn ₈ Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 1134-1144.	1.9	54
43	Towards models of the oxygen-evolving complex (OEC) of photosystem II: a Mn ₄ Ca cluster of relevance to low oxidation states of the OEC. <i>Chemical Communications</i> , 2011, 47, 11128.	2.2	53
44	Quantum Phase Interference and Néel-Vector Tunneling in Antiferromagnetic Molecular Wheels. <i>Physical Review Letters</i> , 2009, 102, 157202.	2.9	51
45	High-nuclearity, mixed-valence Mn ₁₇ , Mn ₁₈ and {Mn ₆₂ } _n complexes from the use of triethanolamine. <i>Chemical Communications</i> , 2011, 47, 274-276.	2.2	49
46	Old ligands with new coordination chemistry: Linear trinuclear mixed oxidation state cobalt(III/II/III) complexes and their mononuclear ligand-cobalt(III) complexes featuring 2-pyridyloximates. <i>Inorganic Chemistry Communication</i> , 2005, 8, 533-538.	1.8	46
47	Mixed-Valence Cobalt(II/III) Carboxylate Clusters: Coll ₄ Coll ₂ and CollColl ₂ Complexes from the Use of 2-(Hydroxymethyl)pyridine. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5098-5104.	1.0	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. <i>Inorganic Chemistry</i> , 2014, 53, 3220-3229.	1.9	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. <i>Inorganic Chemistry</i> , 2008, 47, 7969-7971.	1.9	45
50	Spin Maximization: Switching of the Usual <i>S</i> = 11 State of Mn ^{II} ₄ Mn ^{III} ₃ Disklike Complexes to the Maximum <i>S</i> = 16. <i>Inorganic Chemistry</i> , 2008, 47, 6593-6595.	1.9	45
51	Spin Maximization from <i>S</i> = 11 to <i>S</i> = 16 in Mn ₇ Disk-Like Clusters: Spin Frustration Effects and Their Computational Rationalization. <i>Inorganic Chemistry</i> , 2009, 48, 9831-9845.	1.9	45
52	A new family of Ln ₇ clusters with an ideal D _{3h} metal-centered trigonal prismatic geometry, and SMM and photoluminescence behaviors. <i>Dalton Transactions</i> , 2014, 43, 11456-11460.	1.6	44
53	Slow relaxation in the first penta-aza Dy(ⁱⁱⁱ) macrocyclic complex. <i>Chemical Communications</i> , 2014, 50, 3741-3743.	2.2	42
54	Slow Magnetization Relaxation in Unprecedented Mn ^{III} ₄ Dy ^{III} ₃ and Mn ^{III} ₄ Dy ^{III} ₅ Clusters from the Use of <i>N</i> -Salicylidene- <i>o</i> -aminophenol. <i>Inorganic Chemistry</i> , 2013, 52, 1179-1181.	1.9	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 "Christmas Stars". <i>Inorganic Chemistry</i> , 2014, 53, 5420-5422.	1.9	40
56	Employment of methyl 2-pyridyl ketone oxime in manganese non-carboxylate chemistry: MnII2MnIV and MnII2MnIII6 complexes. <i>Dalton Transactions</i> , 2009, , 1004.	1.6	39
57	Reactivity and Structural and Physical Studies of Tetranuclear Iron(III) Clusters Containing the [Fe4(μ ₃ -O) ₂] ⁸⁺ "Butterfly" Core: an FeII4 Cluster with an S = 1 Ground State. <i>Inorganic Chemistry</i> , 2006, 45, 7372-7381.	1.9	38
58	2-Pyridyloximate clusters of cobalt and nickel. <i>Polyhedron</i> , 2007, 26, 1830-1834.	1.0	38
59	Molecular Wheels as Nanoporous Materials: Differing Modes of Gas Diffusion through Ga ₁₀ and Ga ₁₈ Wheels Probed by Hyperpolarized ¹²⁹ Xe NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 5387-5393.	6.6	38
60	Dodecanuclear 3d/4f-metal clusters with a "Star of David" topology: single-molecule magnetism and magnetocaloric properties. <i>Chemical Communications</i> , 2016, 52, 1693-1696.	2.2	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. <i>Organic Letters</i> , 2014, 16, 2790-2793.	2.4	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. <i>Inorganica Chimica Acta</i> , 2006, 359, 4149-4157.	1.2	36
63	Influence of the Dzyaloshinskii-Moriya Exchange Interaction on Quantum Phase Interference of Spins. <i>Physical Review Letters</i> , 2008, 101, 237204.	2.9	36
64	The Highest-Nuclearity Manganese/Oximate Complex: An Unusual Mn ^{II/III} ₁₅ Cluster with an <i>S</i> = 6 Ground State. <i>Inorganic Chemistry</i> , 2010, 49, 3962-3964.	1.9	36
65	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, 14942-14945.	2.2	36
66	Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 407-413.	0.9	35
67	A family of "windmill"-like {Cu ₆ Ln ₁₂ } complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. <i>Chemical Communications</i> , 2017, 53, 4266-4269.	2.2	35
68	4-(Hydroxymethyl)pyridine and pyrimidine in manganese benzoate chemistry: Preparation and characterization of hexanuclear clusters featuring the core. <i>Polyhedron</i> , 2006, 25, 1737-1746.	1.0	34
69	A Nontwisted, Ferromagnetically Coupled MnIII3O Triangular Complex from the Use of 2,6-Bis(hydroxymethyl)-p-cresol. <i>Inorganic Chemistry</i> , 2009, 48, 813-815.	1.9	34
70	A new Mn ₂₅ single-molecule magnet with an S=61/2 ground state arising from ligand-induced "spin-tweaking" in a high-spin molecule. <i>Polyhedron</i> , 2007, 26, 2095-2100.	1.0	33
71	High-Yield Syntheses and Reactivity Studies of Fe ₁₀ "Ferric Wheels": Structural, Magnetic, and Computational Characterization of a Star-Shaped Fe ₈ Complex. <i>Inorganic Chemistry</i> , 2008, 47, 9021-9034.	1.9	33
72	Cadmium Carboxylate Chemistry: Preparation, Crystal Structure, and Thermal and Spectroscopic Characterization of the One-dimensional Polymer [Cd(O ₂ CMe)(O ₂ CPh)(H ₂ O) ₂] _n . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 1045-1054.	0.3	32

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73	Ferromagnetically-coupled decanuclear, mixed-valence $[Mn_{10}O_4(N_3)_4(hmp)_{12}]^{2+}$ $[hmpH=2-(\text{hydroxymethyl})\text{pyridine}]$ clusters with rare T symmetry and an S=22 ground state. <i>Polyhedron</i> , 2007, 26, 2042-2046.	1.0	32
74	Interpretation of the Magnetic Properties of a Compound Consisting of Cocrystallized Cu_{13} and Cu_{14} Clusters through the Targeted Synthesis and Study of Its Discrete Cu_{14} Component. <i>Inorganic Chemistry</i> , 2009, 48, 4610-4612.	1.9	32
75	Crystal lattice desolvation effects on the magnetic quantum tunneling of single-molecule magnets. <i>Physical Review B</i> , 2009, 80, .	1.1	32
76	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, 16605-16609.	1.6	32
77	Strong antiferromagnetic coupling in doubly N,O oximate-bridged dinuclear copper(II) complexes. <i>Polyhedron</i> , 2010, 29, 204-211.	1.0	31
78	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, 1965-1969.	1.6	28
79	Single-Strand Molecular Wheels and Coordination Polymers in Copper(II) Benzoate Chemistry by the Employment of \pm -Benzoin Oxime and Azides: Synthesis, Structures, and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3121-3131.	1.0	27
80	Rare Janus -faced single-molecule magnet exhibiting intramolecular ferromagnetic interactions. <i>Chemical Science</i> , 2019, 10, 1626-1633.	3.7	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. <i>Inorganica Chimica Acta</i> , 2007, 360, 69-83.	1.2	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. <i>Polyhedron</i> , 2007, 26, 2089-2094.	1.0	25
83	A family of mononuclear $Co^{III}/2$ -pyridyloximate complexes and their conversion to trinuclear, mixed-valence linear clusters. <i>Polyhedron</i> , 2009, 28, 1638-1645.	1.0	25
84	The largest single-strand molecular wheel: Ga_{20} from a targeted, diolate-induced size modification of the Ga_{10} gallic wheel™. <i>Chemical Communications</i> , 2009, , 62-64.	2.2	25
85	New Classes of Ferromagnetic Materials with Exclusively End-on Azido Bridges: From Single-Molecule Magnets to D Molecule-Based Magnets. <i>Chemistry - A European Journal</i> , 2014, 20, 13860-13864.	1.7	25
86	Organic chelate-free and azido-rich metal clusters and coordination polymers from the use of Me_3SiN_3 : a new synthetic route to complexes with beautiful structures and diverse magnetic properties. <i>Chemical Communications</i> , 2019, 55, 11-26.	2.2	25
87	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.	1.7	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 <i>tert</i> -Butylacetate Bridging Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 7555-7561.	1.9	24
89	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_3SiN_3 . <i>Chemical Communications</i> , 2009, , 2839.	2.2	23
90	Supramolecular chains of high nuclearity $\{Mn^{III}_{25}\}$ barrel-like single molecule magnets. <i>Chemical Communications</i> , 2014, 50, 779-781.	2.2	23

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91	Emissive {Mn ₄ Ca} Clusters with Square Pyramidal Topologies: Syntheses and Structural, Spectroscopic, and Physicochemical Characterization. <i>Inorganic Chemistry</i> , 2015, 54, 2137-2151.	1.9	23
92	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.	1.0	22
93	“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.	3.0	22
94	Oximato-Based Ligands in 3 <i>d</i> / <i>f</i> -Metal Cluster Chemistry: A Family of {Cu ₃ Ln} Complexes with a “Propeller”-like Topology and Single-Molecule Magnetic Behavior. <i>Inorganic Chemistry</i> , 2018, 57, 13944-13952.	1.9	22
95	Alcoholysis/hydrolysis of 1,1- ² -carbonyldiimidazole as a means of preparing unprecedented, imidazole-containing one-dimensional coordination polymers of copper(II). <i>Dalton Transactions</i> , 2009, , 3354.	1.6	21
96	A mononuclear Mn ^{III} /bis-tris™ complex and its conversion to a mixed-valence Mn ^{II} / ^{III} cluster. <i>Dalton Transactions</i> , 2009, , 41-50.	1.6	20
97	“Ligands-with-Benefits” Naphthalene-Substituted Schiff Bases Yielding New Ni ^{II} Metal Clusters with Ferromagnetic and Emissive Properties and Undergoing Exciting Transformations. <i>Inorganic Chemistry</i> , 2016, 55, 1270-1277.	1.9	20
98	Heterometallic Cu/Ln cluster chemistry: ferromagnetically-coupled {Cu ₄ Ln ₂ } complexes exhibiting single-molecule magnetism and magnetocaloric properties. <i>Dalton Transactions</i> , 2018, 47, 11934-11941.	1.6	20
99	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.	1.0	19
100	“Molecular Nanoclusters” A 2-nm-Sized {Mn ₂₉ } Cluster with a Spherical Structure. <i>Inorganic Chemistry</i> , 2016, 55, 12118-12121.	1.9	19
101	1-D coordination polymers consisting of a high-spin Mn ^{II} octahedral unit. <i>Polyhedron</i> , 2009, 28, 1814-1817.	1.0	18
102	A Mn ^{II} ₆ Mn ^{III} ₆ Single-Strand Molecular Wheel with a Reuleaux Triangular Topology: Synthesis, Structure, Magnetism, and DFT Studies. <i>Inorganic Chemistry</i> , 2013, 52, 12070-12079.	1.9	18
103	A new Mn ^{II} ₄ Mn ^{III} ₄ cluster from the use of methyl 2-pyridyl ketone oxime in manganese carboxylate chemistry: Synthetic, structural and magnetic studies. <i>Polyhedron</i> , 2008, 27, 3703-3709.	1.0	16
104	A new family of octanuclear Mn complexes with a rod-like topology. <i>Polyhedron</i> , 2009, 28, 3203-3208.	1.0	16
105	Initial employment of [±] -benzoin oxime as a route to high-nuclearity metal clusters: decanuclear Cu ^{II} complexes with a wheel topology. <i>Dalton Transactions</i> , 2009, , 3646.	1.6	16
106	[±] -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, 3077-3079.	1.9	16
107	Synthetic Entry into Polynuclear Bismuth “Manganese Chemistry: High Oxidation State Bi ^{III} ₂ Mn ^{IV} ₆ and Bi ^{III} Mn ^{III} ₁₀ Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 5272-5282.	1.9	16
108	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.	1.2	16

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109	2-Pyrrolyloximes in High-Nuclearity Transition-Metal Cluster Chemistry: Fe ₁₀ and Fe ₁₂ . <i>Inorganic Chemistry</i> , 2013, 52, 1176-1178.	1.9	16
110	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.	1.0	16
111	High-spin molecules: A mixed-valence Mn ₆ octahedron with an S=11 ground state. <i>Polyhedron</i> , 2009, 28, 1624-1627.	1.0	15
112	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.	1.0	15
113	New Mixed-Valence Mn ^{II/III} ₆ Complexes Bearing Oximate and Azido Ligands: Synthesis, and Structural and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2244-2253.	1.0	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 Mn ^{II/III} 4 rhombus. <i>Inorganic Chemistry Communication</i> , 2012, 15, 73-77.	1.8	15
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