

Theocharis C Stamatatos

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ext. citations

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| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 167 | The coordination chemistry of pyridyl oximes. <i>Polyhedron</i> , 2006 , 25, 134-194 | 2.7 | 282 |
| 166 | "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, 884-8 | 16.4 | 238 |
| 165 | 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 |
| 164 | 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 |
| 163 | "Switching on" the properties of single-molecule magnetism in triangular manganese(III) complexes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9484-99 | 16.4 | 206 |
| 162 | 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, 15380-1 | 16.4 | 162 |
| 161 | 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, 4134-7 | 16.4 | 151 |
| 160 | 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 |
| 159 | Azide groups in higher oxidation state manganese cluster chemistry: from structural aesthetics to single-molecule magnets. <i>Inorganic Chemistry</i> , 2009 , 48, 3308-22 | 5.1 | 140 |
| 158 | A family of 3D coordination polymers composed of Mn(II) magnetic units. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7722-5 | 16.4 | 122 |
| 157 | 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, 5049-51 | 5.1 | 121 |
| 156 | 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, 7379-83 | 16.4 | 113 |
| 155 | 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, 6694-8 | 16.4 | 112 |
| 154 | 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 |
| 153 | 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 | 2.3 | 96 |
| 152 | Nickel/lanthanide single-molecule magnets: {Ni(II)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 |
| 151 | A high-nuclearity 3d/4f metal oxime cluster: an unusual Ni(II)Dy(III) "core-shell" complex from the use of 2-pyridinealdoxime. <i>Inorganic Chemistry</i> , 2010 , 49, 9743-5 | 5.1 | 87 |

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| 150 | 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, 5006-21 | 5.1 | 81 |
| 149 | A new family of nonanuclear lanthanide clusters displaying magnetic and optical properties. <i>Inorganic Chemistry</i> , 2011 , 50, 11276-8 | 5.1 | 79 |
| 148 | Synthesis and characterization of a Mn ₂₂ single-molecule magnet and a [Mn ₂₂] _n single-chain magnet. <i>Inorganic Chemistry</i> , 2007 , 46, 9160-71 | 5.1 | 77 |
| 147 | The first cobalt metallacrowns: preparation and characterization of mixed-valence cobalt(II/III), inverse 12-metallacrown-4 complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 3374-6 | 5.1 | 77 |
| 146 | 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 |
| 145 | {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 |
| 144 | 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, 11825-38 | 5.1 | 71 |
| 143 | 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, 4095-108 | 5.1 | 68 |
| 142 | Ferromagnetic coupling in a 1D coordination polymer containing a symmetric [Cu(μ _{1,1} -N ₃) ₂ Cu(μ _{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, 8843-50 | 5.1 | 67 |
| 141 | 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, 2350-2 | 5.1 | 64 |
| 140 | Initial use of dioximate ligands in 3d/4f cluster chemistry: synthesis, structure, and magnetic studies of an unusual [Gd(III) ₂ Mn(IV) ₂ O] ₈ ⁺ complex. <i>Inorganic Chemistry</i> , 2009 , 48, 429-31 | 5.1 | 63 |
| 139 | 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 | 3.1 | 63 |
| 138 | On the origin of ferromagnetism in oximate-based [Mn ₃ O] ₇ ⁺ triangles. <i>Dalton Transactions</i> , 2008 , 234-40 | 4.3 | 62 |
| 137 | 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 | 2.7 | 62 |
| 136 | High nuclearity single-molecule magnets: a mixed-valence Mn ₂₆ cluster containing the di-2-pyridylketone diolate dianion. <i>Inorganic Chemistry</i> , 2008 , 47, 10081-9 | 5.1 | 60 |
| 135 | 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, 113-25 | 3 | 59 |
| 134 | New Mn ₃ structural motifs in manganese single-molecule magnetism from the use of 2-pyridyloximate ligands. <i>Polyhedron</i> , 2007 , 26, 2165-2168 | 2.7 | 59 |
| 133 | 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 |

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| 132 | "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, 9840-1 | 16.4 | 57 |
| 131 | A metamagnetic 2D copper(ii)-azide complex with 1D ferromagnetism and a hysteretic spin-flop transition. <i>Dalton Transactions</i> , 2009 , 3215-21 | 4.3 | 56 |
| 130 | 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 |
| 129 | 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, 1134-44 | 5.1 | 54 |
| 128 | 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 , 3861-3 | 4.3 | 53 |
| 127 | Transition Metal Single-Molecule Magnets: A {Mn} Nanosized Cluster with a Large Energy Barrier of ~60 K and Magnetic Hysteresis at ~5 K. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15644-15647 | 16.4 | 49 |
| 126 | Quantum phase interference and N β L-vector tunneling in antiferromagnetic molecular wheels. <i>Physical Review Letters</i> , 2009 , 102, 157202 | 7.4 | 49 |
| 125 | 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, 11128-30 | 5.8 | 47 |
| 124 | Large Energy Barrier and Magnetization Hysteresis at 5 K for a Symmetric {Dy} Complex with Spherical Tricapped Trigonal Prismatic Dy Ions. <i>Inorganic Chemistry</i> , 2017 , 56, 3568-3578 | 5.1 | 46 |
| 123 | High-nuclearity, mixed-valence Mn ₁₂ Mn ₁₂ and {Mn ₁₂ } _n complexes from the use of triethanolamine. <i>Chemical Communications</i> , 2011 , 47, 274-6 | 5.8 | 45 |
| 122 | Mixed-Valence Cobalt(II/III) Carboxylate Clusters: Co ₁₄ Co ₁₁ and Co ₁₁ Co ₁₁ Complexes from the Use of 2-(Hydroxymethyl)pyridine. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5098-5104 | 2.3 | 45 |
| 121 | Spin maximization from S = 11 to S = 16 in Mn(7) disk-like clusters: spin frustration effects and their computational rationalization. <i>Inorganic Chemistry</i> , 2009 , 48, 9831-45 | 5.1 | 44 |
| 120 | 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, 7969-71 | 5.1 | 44 |
| 119 | Spin maximization: switching of the usual S = 11 state of Mn(II) ₄ Mn(III) ₃ disklike complexes to the maximum S = 16. <i>Inorganic Chemistry</i> , 2008 , 47, 6593-5 | 5.1 | 43 |
| 118 | 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 | 3.1 | 43 |
| 117 | A new family of Ln ₃ 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 |
| 116 | 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 |
| 115 | Slow relaxation in the first penta-aza Dy(III) macrocyclic complex. <i>Chemical Communications</i> , 2014 , 50, 3741-3 | 5.8 | 38 |

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| 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 | 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 |
| 112 | 2-Pyridyloximate clusters of cobalt and nickel. <i>Polyhedron</i> , 2007 , 26, 1830-1834 | 2.7 | 38 |
| 111 | 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 |
| 110 | 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, 5387-93 | 16.4 | 36 |
| 109 | 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 |
| 108 | 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. <i>Dalton Transactions</i> , 2009 , 1004-15 | 4.3 | 36 |
| 107 | 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 | 2.7 | 36 |
| 106 | Dodecanuclear 3d/4f-metal clusters with a 'Star of David' topology: single-molecule magnetism and magnetocaloric properties. <i>Chemical Communications</i> , 2016 , 52, 1693-6 | 5.8 | 35 |
| 105 | Influence of the Dzyaloshinskii-Moriya exchange interaction on quantum phase interference of spins. <i>Physical Review Letters</i> , 2008 , 101, 237204 | 7.4 | 35 |
| 104 | A nontwisted, ferromagnetically coupled Mn(III) ₃ O triangular complex from the use of 2,6-bis(hydroxymethyl)-p-cresol. <i>Inorganic Chemistry</i> , 2009 , 48, 813-5 | 5.1 | 34 |
| 103 | Reactivity and structural and physical studies of tetranuclear iron(III) clusters containing the [Fe ₄ (μ ₃ -O) ₂] ⁸⁺ "butterfly" core: an Fe ₄ cluster with an S = 1 ground state. <i>Inorganic Chemistry</i> , 2006 , 45, 7372-81 | 5.1 | 34 |
| 102 | 4-(Hydroxymethyl)pyridine and pyrimidine in manganese benzoate chemistry: Preparation and characterization of hexanuclear clusters featuring the {Mn ₄ II Mn ₂ III(μ ₃ -O) ₂ } ¹⁰⁺ core. <i>Polyhedron</i> , 2006 , 25, 1737-1746 | 2.7 | 34 |
| 101 | A family of 'windmill'-like {Cu _n Ln} complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. <i>Chemical Communications</i> , 2017 , 53, 4266-4269 | 5.8 | 33 |
| 100 | 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, 9021-34 | 5.1 | 33 |
| 99 | Crystal lattice desolvation effects on the magnetic quantum tunneling of single-molecule magnets. <i>Physical Review B</i> , 2009 , 80, | 3.3 | 32 |
| 98 | 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 | 2.7 | 32 |
| 97 | 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 |

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- 95 Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. *Applied Physiology, Nutrition and Metabolism*, **2015**, 40, 407-13 3 30
- 94 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 2.7 30
- 93 Strong antiferromagnetic coupling in doubly N,O oximato-bridged dinuclear copper(II) complexes. *Polyhedron*, **2010**, 29, 204-211 2.7 29
- 92 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 1 29
- 91 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, 1965-9 4.3 26
- 90 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, 16605-9 4.3 26
- 89 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. *European Journal of Inorganic Chemistry*, **2012**, 2012, 3121-3131 2.3 25
- 88 A family of mononuclear Co(II)/2-pyridyloximate complexes and their conversion to trinuclear, mixed-valence linear clusters. *Polyhedron*, **2009**, 28, 1638-1645 2.7 25
- 87 Initial use of di-2-pyridyl ketone oxime in chromium carboxylate chemistry: Triangular {Cr(III)₃(β-O)}₇⁺ compounds and unexpected formation of a carboxylate-free dichromium(II,II) complex. *Inorganica Chimica Acta*, **2007**, 360, 69-83 2.7 25
- 86 High-Nuclearity, High-Symmetry, High-Spin Molecules: A Mixed-Valence Mn₁₀ Cage Possessing Rare T symmetry and an S=22 Ground State. *Angewandte Chemie*, **2006**, 118, 4240-4243 3.6 25
- 85 Rare "Janus"-faced single-molecule magnet exhibiting intramolecular ferromagnetic interactions. *Chemical Science*, **2019**, 10, 1626-1633 9.4 24
- 84 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 2.7 24
- 83 Supramolecular chains of high nuclearity {Mn(III)₂₅} barrel-like single molecule magnets. *Chemical Communications*, **2014**, 50, 779-81 5.8 23
- 82 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
- 81 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 2.7 22
- 80 Azide groups in high oxidation state Mn carboxylate chemistry: a new Mn(II) complex and its conversion to a Mn(IV) azide complex with Me₃SiN₃. *Chemical Communications*, **2009**, 2839-41 5.8 22
- 79 Emissive {Mn₄(III)Ca} clusters with square pyramidal topologies: syntheses and structural, spectroscopic, and physicochemical characterization. *Inorganic Chemistry*, **2015**, 54, 2137-51 5.1 20

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| 78 | 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 |
| 77 | New structural topologies in 4f-metal cluster chemistry from vertex-sharing butterfly units: {LnIII7} complexes exhibiting slow magnetization relaxation and ligand-centred emissions. <i>RSC Advances</i> , 2015 , 5, 92534-92538 | 3.7 | 20 |
| 76 | 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 |
| 75 | All three-in-one ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu4Ln] (LnIII = Gd, Tb, Dy) clusters. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 945-948 | 6.8 | 19 |
| 74 | A mononuclear Mn(III)/'bis-tris' complex and its conversion to a mixed-valence Mn(II/III)(5) cluster. <i>Dalton Transactions</i> , 2009 , 41-50 | 4.3 | 19 |
| 73 | 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 , 62-4 | 5.8 | 19 |
| 72 | "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, 1270-7 | 5.1 | 18 |
| 71 | 1-D coordination polymers consisting of a high-spin Mn17 octahedral unit. <i>Polyhedron</i> , 2009 , 28, 1814-1817 | 4.7 | 18 |
| 70 | A MnII6MnIII6 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 |
| 69 | Alcoholysis/hydrolysis of 1,1'-carbonyldiimidazole as a means of preparing unprecedented, imidazole-containing one-dimensional coordination polymers of copper(II). <i>Dalton Transactions</i> , 2009 , 3354-62 | 4.3 | 17 |
| 68 | 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. <i>Inorganic Chemistry</i> , 2018 , 57, 13944-13952 | 5.1 | 17 |
| 67 | 2-Pyrrolyloximes in high-nuclearity transition-metal cluster chemistry: Fe10 and Fe12. <i>Inorganic Chemistry</i> , 2013 , 52, 1176-8 | 5.1 | 16 |
| 66 | Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn14 and Mn16. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2286-2290 | 2.3 | 16 |
| 65 | 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 |
| 64 | 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 |
| 63 | A new family of octanuclear Mn complexes with a rod-like topology. <i>Polyhedron</i> , 2009 , 28, 3203-3208 | 2.7 | 16 |
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- 59 New copper(II) clusters and coordination polymers from the amalgamation of azide/benzoate/di-2-pyridyl ketone ligands. *Polyhedron*, **2009**, 28, 1656-1663 2.7 15
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- 57 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
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- 55 Solvent-Dependent Access to Two Different NiII Core Topologies from the First Use of Pyridine-2,6-dimethanol in Nickel(II) Cluster Chemistry. *Australian Journal of Chemistry*, **2012**, 65, 1608 1.2 14
- 54 Synthetic entry into polynuclear bismuth-manganese chemistry: high oxidation state Bi(III)₂Mn(IV)₆ and Bi(III)Mn(III)₁₀ complexes. *Inorganic Chemistry*, **2011**, 50, 5272-82 5.1 14
- 53 High-spin molecules: A mixed-valence Mn₆ octahedron with an S=11 ground state. *Polyhedron*, **2009**, 28, 1624-1627 2.7 14
- 52 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
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