

# Euan K. Brechin

## List of Publications by Year in descending order

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Version: 2024-02-01

358  
papers

18,686  
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11651

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398  
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times ranked

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citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The coordination chemistry of <i>p</i> -tert-butylcalix[4]arene with paramagnetic transition and lanthanide metal ions: an Edinburgh Perspective. Dalton Transactions, 2022, 51, 4213-4226. | 3.3 | 11        |
| 2  | Hybrid lanthanide double-deckers based on calixarene and polyoxometalate units. Dalton Transactions, 2022, 51, 5409-5413.   | 3.3 | 6         |
| 3  | Guest-induced magnetic exchange in paramagnetic [M <sub>2</sub> L <sub>4</sub> ] <sup>4+</sup> coordination cages. Dalton Transactions, 2022, 51, 8377-8381.                                | 3.3 | 5         |
| 4  | Photoinduced Jahn–Teller switch in Mn(terpyridine) complexes. Dalton Transactions, 2022, 51, 10751-10757.   | 3.3 | 3         |
| 5  | Utilizing Raman Spectroscopy as a Tool for Solid- and Solution-Phase Analysis of Metalloorganic Cage Host–Guest Complexes. Inorganic Chemistry, 2022, , .                                   | 4.0 | 1         |
| 6  | A new twist on an old ligand: a [Mn <sub>16</sub> ] double square wheel and a [Mn <sub>10</sub> ] contorted wheel. Inorganic Chemistry Frontiers, 2021, 8, 1804-1809.                       | 6.0 | 3         |
| 7  | Design of pure heterodinuclear lanthanoid cryptate complexes. Chemical Science, 2021, 12, 6983-6991.  | 7.4 | 9         |
| 8  | [(VIVO) <sub>2</sub> MII <sub>5</sub> ] (M = Ni, Co) Anderson wheels. Dalton Transactions, 2021, 50, 12495-12501.   | 3.3 | 3         |
| 9  | A [Mn <sub>18</sub> ] wheel-of-wheels. Chemical Communications, 2021, 57, 4122-4125.  | 4.1 | 10        |
| 10 | Phosphorylated-calix[4]arene double-deckers of single rare earth metal ions. Chemical Communications, 2021, 57, 8087-8090.  | 4.1 | 4         |
| 11 | [Fe <sub>15</sub> ]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928.   | 4.1 | 14        |
| 12 | Exploiting host–guest chemistry to manipulate magnetic interactions in metallosupramolecular M <sub>4</sub> L <sub>6</sub> tetrahedral cages. Chemical Science, 2021, 12, 5134-5142.        | 7.4 | 22        |
| 13 | The structural manipulation of a series of Ni <sub>4</sub> defective dicubanes: Synthesis, X-ray Structures, Magnetic and Computational analyses. Dalton Transactions, 2021, 50, 5318-5326. | 3.3 | 5         |
| 14 | Exploiting complementary ligands for the construction of square antiprismatic monometallic lanthanide SMMs. Dalton Transactions, 2021, 50, 9648-9654.                                       | 3.3 | 7         |
| 15 | [CrIII8NiII6] <sup>n+</sup> Heterometallic Coordination Cubes. Molecules, 2021, 26, 757.  | 3.8 | 1         |
| 16 | Synthesis and Characterization of Symmetrically <i>versus</i> Unsymmetrically Proton-Bridged Hexa-Iron Clusters. ACS Omega, 2021, 6, 16661-16669.   | 3.5 | 4         |
| 17 | Oxidation state variation in bis-calix[4]arene supported decametallc Mn clusters. Dalton Transactions, 2021, 50, 17566-17572.   | 3.3 | 0         |
| 18 | An [FeIII <sub>30</sub> ] molecular metal oxide. Chemical Communications, 2021, 58, 52-55.  | 4.1 | 9         |

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|----|---|------|-----------|
| 19 | The first amino acid bound manganese–calcium clusters: a $\{[\text{MnIII}_3\text{Ca}]_2\}$ methylalanine complex, and a $[\text{MnIII}_6\text{Ca}]$ trigonal prism. <i>Dalton Transactions</i> , 2020, 49, 10339-10343.   | 3.3  | 4         |
| 20 | Pressure-and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahn–Teller switching in a Cu-based framework. <i>Chemical Science</i> , 2020, 11, 8793-8799.  | 7.4  | 17        |
| 21 | Putting the Squeeze on Molecule-Based Magnets: Exploiting Pressure to Develop Magneto-Structural Correlations in Paramagnetic Coordination Compounds. <i>Magnetochemistry</i> , 2020, 6, 32.  | 2.4  | 7         |
| 22 | Magneto-structural studies of an unusual $[\text{Mn}^{\text{III}}\text{Mn}^{\text{II}}\text{Gd}^{\text{III}}(\text{OR})_4]_4$ partial cubane from 2,2-bis( <i>p</i> - <i>tert</i> -Bu-calix[4]arene). <i>Dalton Transactions</i> , 2020, 49, 14790-14797.   | 3.3  | 7         |
| 23 | Kinetic selection of $\text{Pd}_4\text{L}_2$ metallocyclic and $\text{Pd}_6\text{L}_3$ trigonal prismatic assemblies. <i>Chemical Communications</i> , 2020, 56, 11799-11802.   | 4.1  | 6         |
| 24 | Phthalocyanine-polyoxotungstate lanthanide double deckers. <i>Dalton Transactions</i> , 2020, 49, 16638-16642.  | 3.3  | 11        |
| 25 | A Brucite-Like Mixed-Valent Cluster Capped by $[\text{MnIIIp-}t\text{Bu-calix[4]arene}]^{\sim}$ Moieties. <i>Chemistry</i> , 2020, 2, 253-261.  | 2.2  | 2         |
| 26 | With complements of the ligands: an unusual <i>S</i> -shaped $[\text{Mn}_7]_2$ assembly from tethered calixarenes. <i>Dalton Transactions</i> , 2020, 49, 9882-9887.  | 3.3  | 4         |
| 27 | Vibrational coherences in manganese single-molecule magnets after ultrafast photoexcitation. <i>Nature Chemistry</i> , 2020, 12, 452-458.   | 13.6 | 31        |
| 28 | A Ferromagnetically Coupled, Bell-Shaped $[\text{Ni}_4\text{Gd}_5]$ Cage. <i>Inorganic Chemistry</i> , 2019, 58, 11404-11409.   | 4.0  | 8         |
| 29 | New salicylaldoximate-borate ligands resulting from anion hydrolysis and their respective copper and iron complexes. <i>Dalton Transactions</i> , 2019, 48, 11872-11881.  | 3.3  | 4         |
| 30 | An $[\text{Fe III } 34]$ Molecular Metal Oxide. <i>Angewandte Chemie</i> , 2019, 131, 17059-17062.  | 2.0  | 4         |
| 31 | An $[\text{Fe}^{\text{III}}]_{34}$ Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16903-16906.   | 13.8 | 24        |
| 32 | Molecular multifunctionality preservation upon surface deposition for a chiral single-molecule magnet. <i>Chemical Science</i> , 2019, 10, 3065-3073.   | 7.4  | 22        |
| 33 | Crowding out: ligand modifications and their structure directing effects on brucite-like $\{M_x(\frac{1}{4}x_3\text{-OH})_y\}$ ( $M = \text{Co}(\text{scp}^{\text{ii}})$ , $\text{Ni}(\text{scp}^{\text{ii}})$ ) core growth within polymetallic cages. <i>Dalton Transactions</i> , 2019, 48, 1477-1488.   | 3.3  | 8         |
| 34 | Effect of $\ddot{\text{C}}$ -aromatic spacers on the magnetic properties and slow relaxation of double stranded metallacyclophanes with a $\text{LnIII}^{\text{II}}\text{MII}^{\text{II}}\text{LnIII}$ ( $\text{LnIII}^{\text{II}} = \text{GdIII}$ , $\text{DyIII}$ , $\text{YIII}$ ; $\text{MII}^{\text{II}} = \text{NiII}$ , $\text{CoII}$ ) linear topology. <i>Polyhedron</i> , 2019, 170, 373-387. | 2.2  | 6         |
| 35 | Mono- and ditopic hydroxamate ligands towards discrete and extended network architectures. <i>Dalton Transactions</i> , 2019, 48, 10180-10190.  | 3.3  | 8         |
| 36 | Exploratory studies into 3d/4f cluster formation with fully bridge-substituted calix[4]arenes. <i>Supramolecular Chemistry</i> , 2018, 30, 504-509.   | 1.2  | 7         |

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|----|--|------|-----------|
| 37 | Probing the origin of the giant magnetic anisotropy in trigonal bipyramidal Ni( $\text{Ni}^{II}$ ) under high pressure. <i>Chemical Science</i> , 2018, 9, 1551-1559.  | 7.4  | 52        |
| 38 | Modular [Fe <sup>III</sup> <sub>8</sub> M <sup>II</sup> <sub>6</sub> ] <sup>n+</sup> (M <sup>II</sup> = Pd, Co, Ni, Cu) Coordination Cages. <i>Inorganic Chemistry</i> , 2018, 57, 3500-3506.  | 4.0  | 17        |
| 39 | Order in disorder: solution and solid-state studies of [M <sup>III</sup> 2M <sup>II</sup> 5] wheels (M <sup>III</sup> = Cr, Al; Tj ETQq1 1 0.784314 rgBT/Overlob   | 3.3  | 12        |
| 40 | Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. <i>Dalton Transactions</i> , 2018, 47, 15983-15993.   | 3.3  | 7         |
| 41 | Cages on a plane: a structural matrix for molecular "sheets" <sup>TM</sup> . <i>Dalton Transactions</i> , 2018, 47, 15530-15537.   | 3.3  | 11        |
| 42 | Site-Specific Metal Chelation Facilitates the Unveiling of Hidden Coordination Sites in an Fe <sup>II</sup> /Fe <sup>III</sup> -Seamed Pyrogallol[4]arene Nanocapsule. <i>Journal of the American Chemical Society</i> , 2018, 140, 15611-15615. | 13.7 | 17        |
| 43 | Oxidation State Distributions Provide Insight into Parameters Directing the Assembly of Metal <sup>+</sup> Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2018, 140, 13022-13027.                                       | 13.7 | 10        |
| 44 | In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , 2018, 9, 2119.  | 12.8 | 19        |
| 45 | A [Cr <sub>2</sub> Ni] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. <i>Chemical Communications</i> , 2018, 54, 6153-6156.   | 4.1  | 4         |
| 46 | A simple methodology for constructing ferromagnetically coupled Cr( $\text{Cr}^{III}$ ) compounds. <i>Dalton Transactions</i> , 2018, 47, 8100-8109.   | 3.3  | 11        |
| 47 | Self-assembly of the tetrachlorido(oxalato)rhenate(IV) anion with protonated organic cations: X-ray structures and magnetic properties. <i>CrystEngComm</i> , 2017, 19, 503-510.   | 2.6  | 9         |
| 48 | Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. <i>Dalton Transactions</i> , 2017, 46, 7159-7168.  | 3.3  | 13        |
| 49 | [M <sup>III</sup> 2M <sup>II</sup> 3] <sup>n+</sup> trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. <i>Chemical Science</i> , 2017, 8, 5526-5535.   | 7.4  | 18        |
| 50 | A [Ce <sub>21</sub> ] keplerate. <i>Dalton Transactions</i> , 2017, 46, 7677-7680.   | 3.3  | 7         |
| 51 | Hexahalorhenate( $\text{Rhenium}^{IV}$ ) salts of metal oxazolidine nitroxides. <i>Dalton Transactions</i> , 2017, 46, 5250-5259.  | 3.3  | 10        |
| 52 | Magneto-structural correlations in dirhenium(IV) complexes possessing magnetic pathways with even or odd numbers of atoms. <i>Dalton Transactions</i> , 2017, 46, 11890-11897.   | 3.3  | 4         |
| 53 | Enhancement of Intermolecular Magnetic Exchange through Halogen-Halogen Interactions in Bisadeninium Rhenium(IV) Salts. <i>Crystal Growth and Design</i> , 2017, 17, 5342-5348.  | 3.0  | 13        |
| 54 | Coming full circle: constructing a [Gd <sub>6</sub> ] wheel dimer by dimer and the importance of spin topology. <i>Dalton Transactions</i> , 2017, 46, 10255-10263.  | 3.3  | 14        |

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|----|---|------|-----------|
| 55 | Synthetic ability of dinuclear mesocates containing 1,3-bis(diazinecarboxamide)benzene bridging ligands to form complexes of increased nuclearity. Crystal structures, magnetic properties and theoretical studies. Dalton Transactions, 2017, 46, 10469-10483. | 3.3  | 9         |
| 56 | A New Family of 3<sup>d</sup>-4<sup>f</sup>-Bis-Calix[4]arene-Supported Clusters. Chemistry - A European Journal, 2017, 23, 14073-14079.  | 3.3  | 17        |
| 57 | Importance of Steric Influences in the Construction of Multicomponent Hybrid Polymetallic Clusters. Inorganic Chemistry, 2017, 56, 10044-10053.   | 4.0  | 8         |
| 58 | The remarkable influence of N<sup>O</sup>-ligands in the assembly of a bis-calix[4]arene-supported [Mn<sup>IV</sup>Mn<sup>III</sup>10Mn<sup>II</sup>8] cluster. Dalton Transactions, 2017, 46, 16807-16811.   | 3.3  | 11        |
| 59 | Magneto-structural correlations in a family of Re<sup>IV</sup>-Cu<sup>II</sup> chains based on the hexachlororhenate(<sup>iv</sup>) metalloligand. Dalton Transactions, 2017, 46, 16025-16033.  | 3.3  | 13        |
| 60 | Bis-Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metal-Organic Trigonal Antiprism. Chemistry - A European Journal, 2016, 22, 8791-8795.   | 3.3  | 9         |
| 61 | Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. Nature Communications, 2016, 7, 13870.   | 12.8 | 30        |
| 62 | New members of the [Mn<sub>6</sub>/oxime] family and analogues with converging [Mn<sub>3</sub>] planes. Journal of Coordination Chemistry, 2016, 69, 826-840.   | 2.2  | 8         |
| 63 | [Cr<sup>III</sup><sub>8</sub>M<sup>II</sup><sub>6</sub>]<sup>n+</sup> (M<sup>II</sup> = Cu, Co) face-centred, metallosupramolecular cubes. CrystEngComm, 2016, 18, 4914-4920.   | 2.6  | 10        |
| 64 | Structurally Flexible and Solution Stable [Ln<sub>4</sub>TM<sub>8</sub>(OH)<sub>8</sub>(L)<sub>8</sub>(O<sub>2</sub>CR)<sub>8</sub>(MeOH)<sub>8</sub>] <sup>2+</sup> A Playground for Magnetic Refrigeration. Inorganic Chemistry, 2016, 55, 10535-10546.       |      |           |
| 65 | In search of molecules displaying ferromagnetic exchange: multiple-decker Ni<sub>12</sub> and Ni<sub>16</sub> complexes from the use of pyridine-2-amidoxime. Dalton Transactions, 2016, 45, 17409-17419.   | 3.3  | 20        |
| 66 | A hexameric [Mn<sup>III</sup>18Na<sub>6</sub>] wheel based on [Mn<sup>III</sup>3O<sup>7+</sup>] sub-units. Chemical Communications, 2016, 52, 12829-12832.  | 4.1  | 13        |
| 67 | Structural Trends in Calix[4]arene-Supported Cluster Chemistry. , 2016, , 671-689.  |      | 3         |
| 68 | A Facile Synthetic Route to a Family of Mn<sup>III</sup> Monomers and Their Structural, Magnetic and Spectroscopic Studies. European Journal of Inorganic Chemistry, 2016, 2016, 5123-5131.   | 2.0  | 3         |
| 69 | Core expansion of bis-calix[4]arene-supported clusters. Chemical Communications, 2016, 52, 14246-14249.   | 4.1  | 13        |
| 70 | Solvothermal synthesis of discrete cages and extended networks comprising {Cr(iii)3O(O2CR)3(oxime)3}2<sup>+</sup> (R = H, CH3, C(CH3)3, C14H9) building blocks. RSC Advances, 2016, 6, 73668-73676.   | 3.6  | 2         |
| 71 | Copper Keplerates: High-Symmetry Magnetic Molecules. ChemPhysChem, 2016, 17, 55-60.   | 2.1  | 19        |
| 72 | Investigations into cluster formation with alkyl-tethered bis-calix[4]arenes. Supramolecular Chemistry, 2016, 28, 557-566.  | 1.2  | 9         |

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|----|---|------|-----------|
| 73 | The Effect of Crystal Packing and $\text{Re}^{\text{IV}}$ Ions on the Magnetisation Relaxation of $[\text{Mn}_6]$ -Based Molecular Magnets. <i>Chemistry - A European Journal</i> , 2015, 21, 8790-8798.  | 3.3  | 20        |
| 74 | Facile Interchange of 3d and 4f Ions in Single-Molecule Magnets: Stepwise Assembly of $[\text{Mn}_4]$ , $[\text{Mn}_3\text{Ln}]$ and $[\text{Mn}_2\text{Ln}_2]$ Cages within Calix[4]arene Scaffolds. <i>Chemistry - A European Journal</i> , 2015, 21, 11212-11218.                      | 3.3  | 35        |
| 75 | Frontispiece: Linked Supramolecular Building Blocks for Enhanced Cluster Formation. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.  | 3.3  | 0         |
| 76 | Single-Molecule Magnetism, Enhanced Magnetocaloric Effect, and Toroidal Magnetic Moments in a Family of $\text{Ln}_4$ Squares. <i>Chemistry - A European Journal</i> , 2015, 21, 15639-15650.   | 3.3  | 72        |
| 77 | Studies on bifunctional $\text{Fe}^{\text{II}}$ -triazole spin crossover nanoparticles: time-dependent luminescence, surface grafting and the effect of a silica shell and hydrostatic pressure on the magnetic properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7819-7829. | 5.5  | 69        |
| 78 | Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of $\mu$ -caprolactone. <i>RSC Advances</i> , 2015, 5, 57414-57424.  | 3.6  | 10        |
| 79 | Linked Supramolecular Building Blocks for Enhanced Cluster Formation. <i>Chemistry - A European Journal</i> , 2015, 21, 2804-2812.  | 3.3  | 20        |
| 80 | Effect of Protonated Organic Cations and Anion- $\pi$ Interactions on the Magnetic Behavior of Hexabromorhenate(IV) Salts. <i>Crystal Growth and Design</i> , 2015, 15, 2598-2601.  | 3.0  | 23        |
| 81 | Molecular Pac-Man and Tacos: layered $\text{Cu}^{\text{II}}$ cages from ligands with high binding site concentrations. <i>Dalton Transactions</i> , 2015, 44, 13359-13368.  | 3.3  | 6         |
| 82 | $[\text{Cr}^{\text{III}}_8\text{M}^{\text{II}}_6]^{12+}$ Coordination Cubes ( $\text{M}^{\text{II}} = \text{Cu}, \text{Co}$ ). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764.  | 13.8 | 42        |
| 83 | Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled $[\text{LnIII}_6\text{ZnII}_2]$ cages. <i>Dalton Transactions</i> , 2015, 44, 10315-10320.  | 3.3  | 27        |
| 84 | Turning a "useless" ligand into a "useful" ligand: a magneto-structural study of an unusual family of $\text{Cu}^{\text{II}}$ wheels derived from functionalised phenolic oximes. <i>Dalton Transactions</i> , 2015, 44, 10177-10187.   | 3.3  | 5         |
| 85 | Hexakis(diethylacetamide)iron(III) hexahalorhenate(IV) ionic salts: X-ray structures and magnetic properties. <i>Polyhedron</i> , 2015, 98, 35-39.  | 2.2  | 4         |
| 86 | A high-pressure crystallographic and magnetic study of $\text{Na}_5[\text{Mn}^{\text{II}}_2] \cdot 12\text{H}_2\text{O}$ ( $\text{Mn}^{\text{II}}$ -tart) $\text{Tj ETQq0 0 0 rgB3/Overlook 10 Tf 00$   | 3.3  | 19        |
| 87 | Switching the orientation of Jahn-Teller axes in oxime-based $\text{Mn}^{\text{III}}$ dimers and its effect upon magnetic exchange: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2015, 44, 19805-19811.  | 3.3  | 19        |
| 88 | Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-[2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl]ethanaminium acetate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 0186-0187.   | 0.5  | 0         |
| 89 | Circular serendipity: <i>in situ</i> ligand transformation for the self-assembly of an hexadecametallic $[\text{Cu}^{\text{II}}_{16}]$ wheel. <i>Chemical Communications</i> , 2014, 50, 15002-15005.   | 4.1  | 21        |
| 90 | A family of hexanuclear $\text{Mn}^{\text{III}}$ single-molecule magnets. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3972-3986.   | 2.2  | 12        |

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|-----|--|------|-----------|
| 91  | Combining Complementary Ligands into one Framework for the Construction of a Ferromagnetically Coupled $[Mn^{III}_{12}]$ Wheel. Chemistry - A European Journal, 2014, 20, 3010-3013.   | 3.3  | 20        |
| 92  | Three-Leaf Quantum Interference Clovers in a Trigonal Single-Molecule Magnet. Physical Review Letters, 2014, 113, 087201.  | 7.8  | 12        |
| 93  | Converting an hexametallc $Mn^{III}$ wheel to a dodecametallic $Mn^{III}$ wheel via ligand oximation. Chemical Communications, 2014, 50, 3310-3312.  | 4.1  | 13        |
| 94  | A family of cationic oxime-based hexametallc manganese(III) single-molecule magnets. Dalton Transactions, 2014, 43, 4408-4414.   | 3.3  | 27        |
| 95  | Surface Investigation on $Gd_4M_8$ ( $M = Zn, Ni$ ) Single Molecule Coolers. Advanced Functional Materials, 2014, 24, 4782-4788.   | 14.9 | 6         |
| 96  | Metamagnetic behaviour in a new $Cu^{II}Re^{IV}$ chain based on the hexachlororhenate(IV) anion. Chemical Communications, 2014, 50, 5840.  | 4.1  | 25        |
| 97  | Chiral Single-Chain Magnet: Helically Stacked $[Mn^{III}_2Cu^{II}]$ Triangles. Inorganic Chemistry, 2014, 53, 4272-4274.   | 4.0  | 29        |
| 98  | Bifunctional $Zn^{II}Ln^{III}$ Dinuclear Complexes Combining Field Induced SMM Behavior and Luminescence: Enhanced NIR Lanthanide Emission by 9-Anthracene Carboxylate Bridging Ligands. Inorganic Chemistry, 2014, 53, 1465-1474. | 4.0  | 95        |
| 99  | Synthesis, Structure, and Magnetism of a Family of Heterometallic $\{Cu_2Ln_7\}$ and $\{Cu_4Ln_{12}\}$ ( $Ln = Gd, Tb$ ). Inorganic Chemistry, 2014, 53, 13154-13161.  | 4.0  | 42        |
| 100 | A family of $[Ni_8]$ cages templated by $\frac{1}{4}$ -peroxide from dioxygen activation. Inorganic Chemistry Frontiers, 2014, 1, 487-494.   | 6.0  | 6         |
| 101 | Self-Assembly of the Hexabromorhenate(IV) Anion with Protonated Benzotriazoles: X-ray Structure and Magnetic Properties. Crystal Growth and Design, 2014, 14, 5985-5990.   | 3.0  | 17        |
| 102 | Discovering the pivotal role of carbonate in the formation of a bis-phenolate supported $Co_{15}$ cluster. Chemical Communications, 2014, 50, 2202-2204.   | 4.1  | 14        |
| 103 | Oxalix[4]arene-supported di-, tetra- and undecanuclear copper(II) clusters. Dalton Transactions, 2014, 43, 5292-5298.  | 3.3  | 9         |
| 104 | Combining oxime-based $[Mn_6]$ clusters with cyanometalates: 1D chains of $[Mn_6]$ SMMs from $[M(CN)_2]^{+}$ ( $M = Au, Ag$ ). Dalton Transactions, 2014, 43, 4622-4625.   | 3.3  | 7         |
| 105 | $CO_2$ as a reaction ingredient for the construction of metal cages: a carbonate-panelled $[Gd_6Cu_3]$ tridiminished icosahedron. Chemical Communications, 2014, 50, 3498-3500.  | 4.1  | 37        |
| 106 | High nuclearity $Ni^{II}$ cages from hydroxamate ligands. RSC Advances, 2014, 4, 38182-38191.  | 3.6  | 15        |
| 107 | Assembly of a calix[4]arene-supported $Mn^{III}Mn^{II}$ cluster mediated by halogen interactions. CrystEngComm, 2014, 16, 8098-8101.   | 2.6  | 15        |
| 108 | Bulking up: Hexanuclear oximate Fe(III) complexes surrounded by sterically demanding co-ligands. Inorganica Chimica Acta, 2014, 421, 416-422.  | 2.4  | 5         |

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|-----|--|------|-----------|
| 109 | A truncated [MnIII <sub>12</sub> ] tetrahedron from oxime-based [MnIII <sub>3</sub> O] building blocks. Dalton Transactions, 2014, 43, 10690-10694.  | 3.3  | 17        |
| 110 | Closely-Related Zn <sup>II</sup> <sub>2</sub> Ln <sup>III</sup> <sub>2</sub> Complexes (Ln <sup>III</sup> = Gd, Yb) with Either Magnetic Refrigerant or Luminescent Single-Molecule Magnet Properties. Inorganic Chemistry, 2014, 53, 3586-3594.             | 4.0  | 93        |
| 111 | Influencing the Orientation of Jahn-Teller Axes in Butterfly-Like MnIII <sub>4</sub> Clusters. ChemPlusChem, 2014, 79, 667-670.  | 2.8  | 7         |
| 112 | Dilution-Triggered SMM Behavior under Zero Field in a Luminescent Zn <sub>2</sub> Dy <sub>2</sub> Tetranuclear Complex Incorporating Carbonato-Bridging Ligands Derived from Atmospheric CO <sub>2</sub> Fixation. Inorganic Chemistry, 2013, 52, 9620-9626. | 4.0  | 113       |
| 113 | Slow Magnetic Relaxation in a Co <sup>II</sup> –Y <sup>III</sup> Single-Molecule Magnet with Positive Axial Zero-Field Splitting. Angewandte Chemie - International Edition, 2013, 52, 9130-9134.  | 13.8 | 266       |
| 114 | A cationic and ferromagnetic hexametallc Mn(III) single-molecule magnet based on the salicylamidoxime ligand. Dalton Transactions, 2013, 42, 12824.  | 3.3  | 24        |
| 115 | A Dense Metal–Organic Framework for Enhanced Magnetic Refrigeration. Advanced Materials, 2013, 25, 4653-4656.  | 21.0 | 273       |
| 116 | Cryogenic magnetocaloric effect in the Fe <sub>17</sub> molecular nanomagnet. Polyhedron, 2013, 52, 1177-1180.   | 2.2  | 21        |
| 117 | Reprint of "Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation". Polyhedron, 2013, 64, 388-392.  | 2.2  | 0         |
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