

Lindsay P Harding

List of Publications by Year in descending order

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72
papers

2,666
citations

159525

30
h-index

182361

51
g-index

75
all docs

75
docs citations

75
times ranked

2371
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Octanuclear Cubic Coordination Cages. <i>Journal of the American Chemical Society</i> , 2008, 130, 15167-15175. | 6.6 | 172 |
| 2 | Self-Assembly of a 3-D Triply Interlocked Chiral [2]Catenane. <i>Journal of the American Chemical Society</i> , 2008, 130, 2950-2951. | 6.6 | 164 |
| 3 | Stellated polyhedral assembly of a topologically complicated Pd ₄ L ₄ "Solomon cube"™. <i>Nature Chemistry</i> , 2009, 1, 212-216. | 6.6 | 134 |
| 4 | High-nuclearity Homoleptic and Heteroleptic Coordination Cages Based on Tetra-Capped Truncated Tetrahedral and Cuboctahedral Metal Frameworks. <i>Journal of the American Chemical Society</i> , 2006, 128, 72-73. | 6.6 | 132 |
| 5 | Starburst Prisms with Cyclotriveratrylene-Type Ligands: A [Pd ₆ L ₈] ¹²⁺ Stella Octangular Structure. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9086-9088. | 7.2 | 124 |
| 6 | Coordination Chemistry of Tetradentate N-Donor Ligands Containing Two Pyrazolyl-Pyridine Units Separated by a 1,8-Naphthyl Spacer: A Dodecanuclear and Tetranuclear Coordination Cages and Cyclic Helicates. <i>Inorganic Chemistry</i> , 2006, 45, 3905-3919. | 1.9 | 114 |
| 7 | Structures and anion-binding properties of M ₄ L ₆ tetrahedral cage complexes with large central cavities. <i>Dalton Transactions</i> , 2004, , 3453. | 1.6 | 90 |
| 8 | Mixed-Ligand Molecular Paneling: Dodecanuclear Cuboctahedral Coordination Cages Based on a Combination of Edge-Bridging and Face-Capping Ligands. <i>Journal of the American Chemical Society</i> , 2008, 130, 11641-11649. | 6.6 | 77 |
| 9 | Diastereoselective formation and optical activity of an M ₄ L ₆ cage complex. <i>Chemical Communications</i> , 2005, , 4647. | 2.2 | 75 |
| 10 | Complexes of Ag(i), Hg(i) and Hg(ii) with multidentate pyrazolyl-pyridine ligands: from mononuclear complexes to coordination polymers via helicates, a mesocate, a cage and a catenane. <i>Dalton Transactions</i> , 2006, , 4996. | 1.6 | 73 |
| 11 | Self-assembly of a molecular M ₈ L ₁₂ cube having S ₆ symmetry Electronic supplementary information (ESI) available: Fig. S1 and S2. See http://www.rsc.org/suppdata/cc/b3/b307172n/ . <i>Chemical Communications</i> , 2003, , 2432. | 2.2 | 68 |
| 12 | M ₃ L ₂ metallo-cryptophanes: [2]catenane and simple cages. <i>Chemical Communications</i> , 2011, 47, 6560. | 2.2 | 68 |
| 13 | Anion control of ligand self-recognition in a triple helical array Electronic supplementary information (ESI) available: synthesis and characterisation of ligands and complexes. All new compounds were characterised by CHN, ¹ H NMR and ESI-MS. ¹ H NMR of the mixing experiment. See http://www.rsc.org/suppdata/cc/b3/b313218h/ . <i>Chemical Communications</i> , 2004, , 654. | 2.2 | 59 |
| 14 | Octapi Interactions: Self-Assembly of a Pd-Based [2]Catenane Driven by Eightfold π Interactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 10372-10373. | 6.6 | 57 |
| 15 | Polynuclear lanthanide complexes of a series of bridging ligands containing two tridentate N,N',O-donor units: structures and luminescence properties. <i>Dalton Transactions</i> , 2007, , 1006-1022. | 1.6 | 54 |
| 16 | Anion control of the formation of geometric isomers in a triple helical array Electronic supplementary information (ESI) available: Structure refinement. See http://www.rsc.org/suppdata/dt/b4/b407487b/ . <i>Dalton Transactions</i> , 2004, , 2396. | 1.6 | 51 |
| 17 | Luminescent probes based on water-soluble, dual-emissive lanthanide complexes: metal ion-induced modulation of near-IR emission. <i>Chemical Communications</i> , 2011, 47, 206-208. | 2.2 | 50 |
| 18 | The Dimeric "Handshake" Motif in Complexes and Metallo-Supramolecular Assemblies of Cyclotriveratrylene-Based Ligands. <i>Chemistry - A European Journal</i> , 2008, 14, 10286-10296. | 1.7 | 49 |

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|----|---|-----|-----------|
| 19 | Structural characterisation of a highly branched exopolysaccharide produced by <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> NCFB2074. <i>Carbohydrate Research</i> , 2005, 340, 1107-1111. | 1.1 | 45 |
| 20 | Homo- and heteropolynuclear helicates with a $\text{2} + 3 + 2$ -dentate compartmental ligand. <i>New Journal of Chemistry</i> , 2005, 29, 904. | 1.4 | 45 |
| 21 | Acylation versus Sulfonylation in the Inhibition of Elastase by 3-Oxo- β -Sultams. <i>Journal of the American Chemical Society</i> , 2005, 127, 8946-8947. | 6.6 | 42 |
| 22 | Rhenium complexes of chromophore-appended dipicolylamine ligands: syntheses, spectroscopic properties, DNA binding and X-ray crystal structure. <i>New Journal of Chemistry</i> , 2008, 32, 2140. | 1.4 | 42 |
| 23 | A closed molecular cube and an open book: two different products from assembly of the same metal salt and bridging ligand. <i>Dalton Transactions</i> , 2006, , 542-544. | 1.6 | 41 |
| 24 | Tripodal 4-Pyridyl-Derived Host Ligands and Their Metallo-Supramolecular Chemistry: Stella Octangula and Bowl-Shaped Assemblies. <i>Inorganic Chemistry</i> , 2010, 49, 675-685. | 1.9 | 38 |
| 25 | Coordination Polymers Utilizing N-Oxide Functionalized Host Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 10657-10674. | 1.9 | 38 |
| 26 | Head-to-tail and Heteroleptic Pentanuclear Circular Helicates. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6655-6658. | 7.2 | 35 |
| 27 | Ag(I) Organometallic Coordination Polymers and Capsule with Tris-Allyl Cyclotrimeratrylene Derivatives. <i>Inorganic Chemistry</i> , 2010, 49, 9486-9496. | 1.9 | 35 |
| 28 | Complexes of a bis-bidentate ligand with d10 ions: a mononuclear complex with Ag(I), and a tetrahedral cage complex with Zn(II) which encapsulates a fluoroborate anion. <i>Polyhedron</i> , 2003, 22, 781-787. | 1.0 | 32 |
| 29 | Steric control of the formation of dinuclear double helicate and dinuclear meso-helicate assemblies. <i>Chemical Communications</i> , 2013, 49, 7785. | 2.2 | 32 |
| 30 | Allosteric and Electrostatic Reprogramming of a Ditopic Ligand. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4515-4518. | 7.2 | 30 |
| 31 | Novel mechanism of inhibiting β -Lactamases by sulfonylation using β -Sultams. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4489-4492. | 1.0 | 29 |
| 32 | Controlling the formation of metallosupramolecular assemblies by metal ionic radii. <i>Chemical Communications</i> , 2010, 46, 3496. | 2.2 | 29 |
| 33 | Allosteric-Controlled Metal Specificity of a Ditopic Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6909-6912. | 7.2 | 28 |
| 34 | Different Transition-State Structures for the Reactions of β -Lactams and Analogous β -Sultams with Serine β -Lactamases. <i>Journal of the American Chemical Society</i> , 2005, 127, 17556-17564. | 6.6 | 27 |
| 35 | A wavelength and lifetime responsive cryptate-containing fluorescent probe for zinc ions in water. <i>Chemical Communications</i> , 2008, , 6185. | 2.2 | 27 |
| 36 | Host-guest influence on metallo-supramolecular assemblies with a cyclotrimeratrylene-type ligand. <i>Dalton Transactions</i> , 2010, 39, 355-357. | 1.6 | 27 |

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|----|--|-----|-----------|
| 37 | Allosteric deprogramming of a trinuclear heterometallic helicate. Dalton Transactions, 2007, , 1577. | 1.6 | 26 |
| 38 | Barium induced modulation of NIR emission in a neodymium cryptate complex. Chemical Communications, 2006, , 5048. | 2.2 | 24 |
| 39 | Coumarin-based luminescent ligand that forms helicates with dicationic metal ions. Dalton Transactions, 2009, , 10570. | 1.6 | 24 |
| 40 | Responsive, di-metallic lanthanide complexes of a piperazine-bridged bis-macrocyclic ligand: modulation of visible luminescence and proton relaxivity. Dalton Transactions, 2010, 39, 3407. | 1.6 | 24 |
| 41 | Coordination Behaviour of Bis-Terdentate N-Donor Ligands: Double- and Single-Stranded Helicates, Mesocates, and Cyclic Oligomers. European Journal of Inorganic Chemistry, 2007, 2007, 4770-4780. | 1.0 | 23 |
| 42 | Ligand Reprogramming in Dinuclear Helicate Complexes: A Consequence of Allosteric or Electrostatic Effects?. Chemistry - A European Journal, 2007, 13, 5256-5271. | 1.7 | 22 |
| 43 | Solution and solid-state complexes of the potentially tetradentate pyridyl-thiazole ligand 6,6'-bis(4-methylthiazol-2-yl)-2,2'-bipyridine with CoII, NiII, CuII, CdII, HgII, CuI and AgI. Inorganica Chimica Acta, 2005, 358, 2781-2798. | 1.2 | 21 |
| 44 | Structural characterisation of a perdeuteriomethylated exopolysaccharide by NMR spectroscopy: characterisation of the novel exopolysaccharide produced by Lactobacillus delbrueckii subsp. bulgaricus EU23. Carbohydrate Research, 2003, 338, 61-67. | 1.1 | 19 |
| 45 | Cadmium-containing pyridyl-thiazole complexes: crystal structures and solution behaviour of mononuclear, dinuclear double helicate and dinuclear triple helicate complexes. Polyhedron, 2003, 22, 755-762. | 1.0 | 19 |
| 46 | Quinoxaline sensitised lanthanide ion luminescence: Syntheses, spectroscopy and X-ray crystal structure of Na{1,4,7-tris[(N-diethyl)carbamoylmethyl]-1,4,7,10-tetraazacyclododecane-10-(2-methylquinoxaline)}13 C7H8. Polyhedron, 2008, 27, 2365-2371. | 1.0 | 18 |
| 47 | Luminescent rhenium fac-tricarbonyl-containing complexes of androgenic oxo-steroids. Dalton Transactions, 2012, 41, 14690. | 1.6 | 18 |
| 48 | Formation of a Dimer of Trinuclear Helicates which Encapsulates an Array of Six Hydrogen-Bonded Anions. Angewandte Chemie - International Edition, 2014, 53, 13540-13543. | 7.2 | 18 |
| 49 | This facile interconversion of dinuclear double helicates and side-by-side species: a reprogrammable ligand with potential sensor applications. Chemical Communications, 2006, , 1980. | 2.2 | 17 |
| 50 | Diastereoselective assembly of pentanuclear circular helicates. Dalton Transactions, 2011, 40, 12381. | 1.6 | 17 |
| 51 | Pyridyl-thiazole multidentate ligands: metal-specific recognition of a combination of ligands from a mixture. Dalton Transactions RSC, 2001, , 3039-3044. | 2.3 | 16 |
| 52 | Isomeric pyridyl-thiazole donor units for metal ion recognition in bi- and tri-metallic helicates. Chemical Communications, 2009, , 4856. | 2.2 | 10 |
| 53 | Parameters affecting ion intensities in transmission-mode direct analysis in real-time mass spectrometry. Analyst, The, 2014, 139, 4176-4180. | 1.7 | 10 |
| 54 | Metal-specific allosteric activation and deactivation of a diamine. Chemical Communications, 2008, , 108-110. | 2.2 | 9 |

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|----|---|-----|-----------|
| 55 | Heteroligand Molecular "Stirrups" Using Conformationally Flexible Ditopic Pyridyl~Pyrazolyl Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 7525-7527. | 1.9 | 9 |
| 56 | Synthesis of ligands containing N-oxide donor atoms and their assembly into metallosupramolecular structures. <i>Dalton Transactions</i> , 2013, 42, 5805. | 1.6 | 9 |
| 57 | Urinary pharmacokinetic methodology to determine the relative lung bioavailability of inhaled beclometasone dipropionate. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 456-464. | 1.1 | 8 |
| 58 | Flattened trigonal bipyramidal coordination assembly with trans geometry. <i>CrystEngComm</i> , 2008, 10, 276-278. | 1.3 | 7 |
| 59 | Electrostatic control of the formation of heteroleptic transition metal helicates. <i>New Journal of Chemistry</i> , 2007, 31, 1525. | 1.4 | 6 |
| 60 | Synthesis and structures of cadmium(II) complexes of a series of multinucleating N/S donor ligands. <i>Polyhedron</i> , 2007, 26, 2777-2785. | 1.0 | 6 |
| 61 | Allosteric Effects in a Ditopic Ligand Containing Bipyridine and Tetraaza Crown Donor Units. <i>Chemistry - A European Journal</i> , 2012, 18, 3464-3467. | 1.7 | 6 |
| 62 | Probing solution behaviour of metallosupramolecular complexes using pyrene fluorescence. <i>Dalton Transactions</i> , 2012, 41, 1568-1573. | 1.6 | 5 |
| 63 | An Integrated Hot-Stage Microscope "Direct Analysis in Real Time" Mass Spectrometry System for Studying the Thermal Behavior of Materials. <i>Analytical Chemistry</i> , 2017, 89, 13466-13471. | 3.2 | 5 |
| 64 | Application of hot-stage microscopy direct analysis in real time mass spectrometry (HDM) to the analysis of polymers. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8522. | 0.7 | 5 |
| 65 | Applications of a simultaneous differential scanning calorimetry "thermomicroscopy system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 1345-1353. | 2.0 | 5 |
| 66 | Self-assembly of a heteroleptic one-dimensional chain comprising different dinuclear meso-helicates in the solid-state. <i>Chemical Communications</i> , 2013, 49, 11290. | 2.2 | 2 |
| 67 | Hot-stage microscopy - Direct Analysis in Real-time mass spectrometry (HDM) as a novel tool for monitoring thermally-driven reactions on a small scale. <i>Analytica Chimica Acta</i> , 2020, 1128, 129-139. | 2.6 | 2 |
| 68 | DSC temperature calibration over the range ~125 °C to 50 °C. <i>Thermochimica Acta</i> , 2021, 698, 178893. | 1.2 | 1 |
| 69 | Tricarbonylchlorido(6,7-dihydro-5H-spiro[cyclohexane-1,6-dipyrido[3,2-d:2',3'-f][1,3]diazepine]-2N1,N11)rhenium(III) complex. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m527-m527. | 0.2 | 1 |
| 70 | Tricarbonylchlorido(6,7-dihydro-5H-spiro[cyclopentane-1,6-dipyrido[3,2-d:2',3'-f][1,3]diazepine]-2N1,N11)rhenium(III) complex. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m526-m526. | 0.2 | 1 |
| 71 | A rhenium(I) complex which reacts with aldehydes and ketones in aqueous media: A structural, spectroscopic and theoretical analysis. <i>Journal of Chemical Research</i> , 2020, 44, 733-737. | 0.6 | 0 |
| 72 | HDM, interfacing thermal analysis and ambient ionisation mass spectrometry. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, 1. | 2.0 | 0 |