# Gary S Nichol

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 212 papers | 4,506 citations | 117625 34 h-index | 168389 53 g-index |
| 220 all docs | 220 docs citations | 220 times ranked | 5663 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enhanced N-directed electrophilic Câ€“H borylation generates BNâ€“[5]- and [6]helicenes with improved photophysical properties. Chemical Science, 2022, 13, 1136-1145. | 7.4 | 23 |
| 2 | A Lewis Base Nucleofugality Parameter, N<sup>F</sup><sub>B</sub>, and Its Application in an Analysis of MIDA-Boronate Hydrolysis Kinetics. Journal of Organic Chemistry, 2022, 87, 721-729. | 3.2 | 3 |
| 3 | Incorporating Sodium to Boost the Activity of Aluminium TrenSal Complexes towards racâ€‘Lactide Polymerisation. European Journal of Inorganic Chemistry, 2022, 2022, . | 2.0 | 5 |
| 4 | 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 |
| 5 | Utilizing Raman Spectroscopy as a Tool for Solid- and Solution-Phase Analysis of Metalloorganic Cage Hostâ€“Guest Complexes. Inorganic Chemistry, 2022, , . | 4.0 | 1 |
| 6 | Dissecting Solvent Effects on Hydrogen Bonding. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 16 |
| 7 | Reversible Reductive Elimination in Aluminum(II) Dihydrides. Angewandte Chemie - International Edition, 2021, 60, 2047-2052. | 13.8 | 26 |
| 8 | Reversible Reductive Elimination in Aluminum(II) Dihydrides. Angewandte Chemie, 2021, 133, 2075-2080. | 2.0 | 12 |
| 9 | Design of pure heterodinuclear lanthanoid cryptate complexes. Chemical Science, 2021, 12, 6983-6991. | 7.4 | 9 |
| 10 | [(VIVO)2MII5] (M = Ni, Co) Anderson wheels. Dalton Transactions, 2021, 50, 12495-12501. | 3.3 | 3 |
| 11 | A [Mn<sub>18</sub>] wheel-of-wheels. Chemical Communications, 2021, 57, 4122-4125. | 4.1 | 10 |
| 12 | [Fe<sub>15</sub>]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928. | 4.1 | 14 |
| 13 | Exploiting hostâ€“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 |
| 14 | Tuning the optical bandgap and piezoresistance in iridium-based molecular semiconductors through ligand modification. Materials Advances, 2021, 2, 5135-5143. | 5.4 | 2 |
| 15 | Borane-Catalyzed C(sp<sup>3</sup>)â€“F Bond Arylation and Esterification Enabled by Transborylation. ACS Catalysis, 2021, 11, 3190-3197. | 11.2 | 30 |
| 16 | Spectroscopic and electrochemical comparison of [FeFe]-hydrogenase active-site inspired compounds: Diiron monobenzenethiolate compounds containing electron-donating and withdrawing groups. Polyhedron, 2021, 197, 115043. | 2.2 | 3 |
| 17 | Instantaneous and Phosphine-Catalyzed Arene Binding and Reduction by U(III) Complexes. Inorganic Chemistry, 2021, 60, 4162-4170. | 4.0 | 7 |
| 18 | Simple Amides and Amines for the Synergistic Recovery of Rhodium from Hydrochloric Acid by Solvent Extraction. Chemistry - A European Journal, 2021, 27, 8714-8722. | 3.3 | 5 |

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|---|---|---|---|
| 19 | Manganese-Catalyzed C(sp<sup>2</sup>)â€“H Borylation of Furan and Thiophene Derivatives. ACS Catalysis, 2021, 11, 6857-6864. | 11.2 | 26 |
| 20 | Câ€“H Borylation Catalysis of Heteroaromatics by a Rhenium Boryl Polyhydride. ACS Catalysis, 2021, 11, 7394-7400. | 11.2 | 11 |
| 21 | Ultrapermeable Polymers of Intrinsic Microporosity Containing Spirocyclic Units with Fused Triptycenes. Advanced Functional Materials, 2021, 31, 2104474. | 14.9 | 29 |
| 22 | Aluminum Amidinate and Carboxylate Formation via Insertion of Eâ•Câ•E Bonds. Organometallics, 2021, 40, 2375-2378. | 2.3 | 2 |
| 23 | Aluminiumâ€Catalyzed C(sp)â^'H Borylation of Alkynes. Angewandte Chemie, 2021, 133, 20840-20845. | 2.0 | 2 |
| 24 | The Phospha-Bora-Wittig Reaction. Journal of the American Chemical Society, 2021, 143, 14065-14070. | 13.7 | 22 |
| 25 | Aluminiumâ€Catalyzed C(sp)â^'H Borylation of Alkynes. Angewandte Chemie - International Edition, 2021, 60, 20672-20677. | 13.8 | 17 |
| 26 | Reversible Dissociation of a Dialumene**. Angewandte Chemie, 2021, 133, 24907-24913. | 2.0 | 10 |
| 27 | Reversible Dissociation of a Dialumene**. Angewandte Chemie - International Edition, 2021, 60, 24702-24708. | 13.8 | 30 |
| 28 | Zinc catalysed electrophilic Câ€“H borylation of heteroarenes. Chemical Science, 2021, 12, 8190-8198. | 7.4 | 19 |
| 29 | Formation of a hydride containing amido-zincate using pinacolborane. Dalton Transactions, 2021, 50, 14018-14026. | 3.3 | 3 |
| 30 | Lithium Halfâ€Salen Complexes: Synthesis, Structural Characterization and Studies as Catalysts for racâ€Lactide Ringâ€Opening Polymerization. European Journal of Organic Chemistry, 2021, 2021, 5557-5568. | 2.4 | 7 |
| 31 | An [FeIII30] molecular metal oxide. Chemical Communications, 2021, 58, 52-55. | 4.1 | 9 |
| 32 | Combining alkali metals and zinc to harness heterometallic cooperativity in cyclic ester ring-opening polymerisation. Chemical Science, 2020, 11, 11785-11790. | 7.4 | 22 |
| 33 | Unexpected Selective Gas Adsorption on a â€˜Non-Porousâ€™ Metal Organic Framework. Crystals, 2020, 10, 548. | 2.2 | 2 |
| 34 | Pressure-and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahnâ€“Teller switching in a Cu-based framework. Chemical Science, 2020, 11, 8793-8799. | 7.4 | 17 |
| 35 | Kinetic selection of Pd<sub>4</sub>L<sub>2</sub> metallocyclic and Pd<sub>6</sub>L<sub>3</sub> trigonal prismatic assemblies. Chemical Communications, 2020, 56, 11799-11802. | 4.1 | 6 |
| 36 | Phthalocyanine-polyoxotungstate lanthanide double deckers. Dalton Transactions, 2020, 49, 16638-16642. | 3.3 | 11 |

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|---|---|---|---|
| 37 | Reconciling Electrostatic and nâ†'Ï€* Orbital Contributions in Carbonyl Interactions. Angewandte Chemie - International Edition, 2020, 59, 14602-14608. | 13.8 | 25 |
| 38 | Characterization of the Zwitterionic Intermediate in 1,1â€Carboboration of Alkynes. Angewandte Chemie, 2020, 132, 12831-12835. | 2.0 | 5 |
| 39 | Reconciling Electrostatic and nâ†'Ï€* Orbital Contributions in Carbonyl Interactions. Angewandte Chemie, 2020, 132, 14710-14716. | 2.0 | 8 |
| 40 | Characterization of the Zwitterionic Intermediate in 1,1â€Carboboration of Alkynes. Angewandte Chemie - International Edition, 2020, 59, 12731-12735. | 13.8 | 22 |
| 41 | Total synthesis of brevianamide A. Nature Chemistry, 2020, 12, 615-619. | 13.6 | 51 |
| 42 | Flexible Coordination of N,P-Donor Ligands in Aluminum Dimethyl and Dihydride Complexes. Inorganic Chemistry, 2019, 58, 11439-11448. | 4.0 | 12 |
| 43 | Electron rich salen-AlCl catalysts as efficient initiators for the ring-opening polymerisation of rac-lactide. European Polymer Journal, 2019, 119, 507-513. | 5.4 | 18 |
| 44 | The Energetic Significance of Metallophilic Interactions. Angewandte Chemie - International Edition, 2019, 58, 12617-12623. | 13.8 | 65 |
| 45 | The Energetic Significance of Metallophilic Interactions. Angewandte Chemie, 2019, 131, 12747-12753. | 2.0 | 11 |
| 46 | An [Fe III 34 ] Molecular Metal Oxide. Angewandte Chemie, 2019, 131, 17059-17062. | 2.0 | 4 |
| 47 | An [Fe<sup>III</sup><sub>34</sub>] Molecular Metal Oxide. Angewandte Chemie - International Edition, 2019, 58, 16903-16906. | 13.8 | 24 |
| 48 | Differential uranyl(v) oxo-group bonding between the uranium and metal cations from groups 1, 2, 4, and 12; a high energy resolution X-ray absorption, computational, and synthetic study. Chemical Science, 2019, 10, 9740-9751. | 7.4 | 29 |
| 49 | Thiourea Bismuth Iodide: Crystal Structure, Characterization and High Performance as an Electrode Material for Supercapacitors. Batteries and Supercaps, 2019, 2, 568-575. | 4.7 | 18 |
| 50 | Inter-ligand intramolecular through-space anisotropic shielding in a series of manganese carbonyl phosphorous compounds. Dalton Transactions, 2019, 48, 14926-14935. | 3.3 | 6 |
| 51 | Pnictogen ligand coordination to an iron-sulfur compound. Inorganica Chimica Acta, 2019, 487, 387-394. | 2.4 | 6 |
| 52 | Intercepting the Disileneâ€Silylsilylene Equilibrium. Angewandte Chemie, 2019, 131, 1343-1347. | 2.0 | 5 |
| 53 | Intercepting the Disileneâ€Silylsilylene Equilibrium. Angewandte Chemie - International Edition, 2019, 58, 1329-1333. | 13.8 | 30 |
| 54 | Bio-inspired Domino oxa-Michael/Diels-Alder/oxa-Michael Dimerization of para -Quinols. Angewandte Chemie - International Edition, 2018, 57, 6198-6202. | 13.8 | 16 |

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|---|---|---|---|
| 55 | Order in disorder: solution and solid-state studies of [MIII2MII5] wheels (M<sup>III</sup> = Cr, Al;) Tj ETQq1 1 0.784314 rgBT /Overlock | 3.3 | 12 |
| 56 | Double uranium oxo cations derived from uranyl by borane or silane reduction. Chemical Communications, 2018, 54, 3839-3842. | 4.1 | 29 |
| 57 | Effect of alkyl chain length on the properties of triphenylamine-based hole transport materials and their performance in perovskite solar cells. Physical Chemistry Chemical Physics, 2018, 20, 1252-1260. | 2.8 | 25 |
| 58 | Aluminium-mediated carbonâ€“carbon coupling of an isonitrile. Chemical Communications, 2018, 54, 378-380. | 4.1 | 20 |
| 59 | Cages on a plane: a structural matrix for molecular â€˜sheetsâ€™. Dalton Transactions, 2018, 47, 15530-15537. | 3.3 | 11 |
| 60 | Visualizing Kinetically Robust Co<sup>III</sup><sub>4</sub>L<sub>6</sub> Assemblies in Vivo: SPECT Imaging of the Encapsulated [<sup>99m</sup>Tc]TcO<sub>4</sub><sup>â€“</sup> Anion. Journal of the American Chemical Society, 2018, 140, 16877-16881. | 13.7 | 82 |
| 61 | Strong and Selective Ni(II) Extractants Based on Synergistic Mixtures of Sulfonic Acids and Bidentate N-Heterocycles. Solvent Extraction and Ion Exchange, 2018, 36, 437-458. | 2.0 | 6 |
| 62 | IronIIIHalf Salen Catalysts for Atom Transfer Radical and Ring-Opening Polymerizations. ACS Omega, 2018, 3, 16945-16953. | 3.5 | 18 |
| 63 | Stable Fe(iii) phenoxyimines as selective and robust CO2/epoxide coupling catalysts. Dalton Transactions, 2018, 47, 13106-13112. | 3.3 | 30 |
| 64 | A simple methodology for constructing ferromagnetically coupled Cr(<scp>iii</scp>) compounds. Dalton Transactions, 2018, 47, 8100-8109. | 3.3 | 11 |
| 65 | Bio-inspired Domino oxa-Michael/Diels-Alder/oxa-Michael Dimerization of para -Quinols. Angewandte Chemie, 2018, 130, 6306-6310. | 2.0 | 6 |
| 66 | Extending lead-free hybrid photovoltaic materials to new structures: thiazolium, aminothiazolium and imidazolium iodobismuthates. Dalton Transactions, 2018, 47, 7050-7058. | 3.3 | 34 |
| 67 | Temperature-induced polymorphism in methyl stearate. CrystEngComm, 2018, 20, 6885-6893. | 2.6 | 9 |
| 68 | Multi-electron reduction of sulfur and carbon disulfide using binuclear uranium(<scp>iii</scp>) borohydride complexes. Chemical Science, 2017, 8, 3609-3617. | 7.4 | 27 |
| 69 | Total Synthesis of (â^')-Angiopterlactone B. Organic Letters, 2017, 19, 2199-2201. | 4.6 | 30 |
| 70 | Total Synthesis of a Dimeric Thymol Derivative Isolated from Arnica sachalinensis. Angewandte Chemie, 2017, 129, 6917-6921. | 2.0 | 2 |
| 71 | Total Synthesis of a Dimeric Thymol Derivative Isolated from Arnica sachalinensis. Angewandte Chemie - International Edition, 2017, 56, 6813-6817. | 13.8 | 13 |
| 72 | Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. Dalton Transactions, 2017, 46, 7159-7168. | 3.3 | 13 |

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|---|---|---|---|
| 73 | Phosphaborenes: Accessible Reagents for the Synthesis of Câ^'C/Pâ^'B Isosteres. Angewandte Chemie - International Edition, 2017, 56, 9953-9957. | 13.8 | 38 |
| 74 | Hexahalorhenate(<scp>iv</scp>) salts of metal oxazolidine nitroxides. Dalton Transactions, 2017, 46, 5250-5259. | 3.3 | 10 |
| 75 | Phosphaborenes: Accessible Reagents for the Synthesis of Câ^'C/Pâ^'B Isosteres. Angewandte Chemie, 2017, 129, 10085-10089. | 2.0 | 24 |
| 76 | [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 |
| 77 | Tripalladium(0) sandwich complexes with nitrogen based ligands. Polyhedron, 2016, 114, 443-450. | 2.2 | 2 |
| 78 | Amidine Production by the Addition of NH<sub>3</sub> to Nitrile(s) Bound to and Activated by the Lewis Acidic [Re<sub>6</sub>(Î¼<sub>3</sub>-Se)<sub>8</sub>]<sup>2+</sup> Cluster Core. Inorganic Chemistry, 2016, 55, 9505-9508. | 4.0 | 8 |
| 79 | Markovnikov-Selective, Activator-Free Iron-Catalyzed Vinylarene Hydroboration. ACS Catalysis, 2016, 6, 7217-7221. | 11.2 | 79 |
| 80 | Amineâ€Activated Iron Catalysis: Airâ€•and Moistureâ€Stable Alkene and Alkyne Hydrofunctionalization. Advanced Synthesis and Catalysis, 2016, 358, 2404-2409. | 4.3 | 63 |
| 81 | Orthogonal Selection and Fixing of Coordination Self-Assembly Pathways for Robust Metallo-organic Ensemble Construction. Journal of the American Chemical Society, 2016, 138, 9308-9315. | 13.7 | 102 |
| 82 | Maximizing Coordination Capsuleâ€“Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. Angewandte Chemie, 2016, 128, 15246-15250. | 2.0 | 51 |
| 83 | Maximizing Coordination Capsuleâ€“Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. Angewandte Chemie - International Edition, 2016, 55, 15022-15026. | 13.8 | 136 |
| 84 | Preorganized tridentate analogues of mixed hydroxyoxime/carboxylate nickel extractants. Dalton Transactions, 2016, 45, 3734-3742. | 3.3 | 9 |
| 85 | Non-photochemical synthesis of Re(diimine)(CO)2(L)Cl (L = phosphine or phosphite) compounds. Inorganic Chemistry Communication, 2015, 59, 80-83. | 3.9 | 10 |
| 86 | Enantioselective Nickelâ€Catalyzed Hydrocyanation using Chiral Phosphineâ€Phosphite Ligands: Recent Improvements and Insights. Advanced Synthesis and Catalysis, 2015, 357, 3317-3320. | 4.3 | 47 |
| 87 | [Re6(Î¼3-Se)8]2+ Core-Containing Cluster Complexes with Isonicotinic Acid: Synthesis, Structural Characterization, and Hydrogen-Bonded Assemblies. Journal of Cluster Science, 2015, 26, 279-290. | 3.3 | 9 |
| 88 | Non-equilibrium cobalt(iii) â€œclickâ€•capsules. Chemical Science, 2015, 6, 756-760. | 7.4 | 57 |
| 89 | Catalytic one-electron reduction of uranyl(<scp>vi</scp>) to Group 1 uranyl(<scp>v</scp>) complexes via Al(<scp>iii</scp>) coordination. Chemical Communications, 2015, 51, 5876-5879. | 4.1 | 40 |
| 90 | A new polymorph of metacetamol. CrystEngComm, 2015, 17, 6183-6192. | 2.6 | 23 |

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| 91 | [Cr<sup>III</sup><sub>8</sub>M<sup>II</sup><sub>6</sub>]<sup>12+</sup> Coordination Cubes (M<sup>II</sup>=Cu,â€‰Co). Angewandte Chemie - International Edition, 2015, 54, 6761-6764. | 13.8 | 42 |
| 92 | Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [LnIII6ZnII2] cages. Dalton Transactions, 2015, 44, 10315-10320. | 3.3 | 27 |
| 93 | Turning a â€œuselessâ€•ligand into a â€œusefulâ€•ligand: a magneto-structural study of an unusual family of Cu<sup>II</sup> wheels derived from functionalised phenolic oximes. Dalton Transactions, 2015, 44, 10177-10187. | 3.3 | 5 |
| 94 | Control of Oxo-Group Functionalization and Reduction of the Uranyl Ion. Inorganic Chemistry, 2015, 54, 3702-3710. | 4.0 | 51 |
| 95 | Switching the orientation of Jahnâ€“Teller axes in oxime-based Mn<sup>III</sup> dimers and its effect upon magnetic exchange: a combined experimental and theoretical study. Dalton Transactions, 2015, 44, 19805-19811. | 3.3 | 19 |
| 96 | Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-{2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl}ethanaminium acetate monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o186-o187. | 0.5 | 0 |
| 97 | Anion Receptor Design: Exploiting Outer-Sphere Coordination Chemistry To Obtain High Selectivity for Chloridometalates over Chloride. Inorganic Chemistry, 2015, 54, 8685-8692. | 4.0 | 28 |
| 98 | Correlations between photophysical and electrochemical properties for a series of new Mn carbonyl complexes containing substituted phenanthroline ligands. Inorganica Chimica Acta, 2015, 427, 22-26. | 2.4 | 27 |
| 99 | Arene-ligated heteroleptic terphenolate complexes of thorium. Dalton Transactions, 2014, 43, 17416-17421. | 3.3 | 24 |
| 100 | Single Component Iron Catalysts for Atom Transfer and Organometallic Mediated Radical Polymerizations: Mechanistic Studies and Reaction Scope. Macromolecules, 2014, 47, 1249-1257. | 4.8 | 57 |
| 101 | Effect of torsional twist on 2nd order non-linear optical activity of anthracene and pyrene tricyanofuran derivatives. Physical Chemistry Chemical Physics, 2014, 16, 23404-23411. | 2.8 | 26 |
| 102 | Combining oxime-based [Mn<sub>6</sub>] clusters with cyanometalates: 1D chains of [Mn<sub>6</sub>] SMMs from [M(CN)<sub>2</sub>]<sup>â^’</sup> (M = Au, Ag). Dalton Transactions, 2014, 43, 4622-4625. | 3.3 | 7 |
| 103 | CO<sub>2</sub> as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd<sub>6</sub>Cu<sub>3</sub>] tridiminished icosahedron. Chemical Communications, 2014, 50, 3498-3500. | 4.1 | 37 |
| 104 | New Chemistry from an Old Reagent: Mono- and Dinuclear Macrocyclic Uranium(III) Complexes from [U(BH4)3(THF)2]. Journal of the American Chemical Society, 2014, 136, 10218-10221. | 13.7 | 53 |
| 105 | Catalytic Activity and Fluxional Behavior of Complexes Based on RuHCl(CO)(PPh<sub>3</sub>)<sub>3</sub> and Xantphos-Type Ligands. Organometallics, 2014, 33, 2798-2805. | 2.3 | 18 |
| 106 | Structural effects upon the durability of hydrogenase-inspired hydrogen-producing electrocatalysts: Variations in the (Î¼-edt)[Fe2(CO)6] system. Journal of Organometallic Chemistry, 2013, 726, 9-13. | 1.8 | 22 |
| 107 | How much do van der Waals dispersion forces contribute to molecular recognition in solution?. Nature Chemistry, 2013, 5, 1006-1010. | 13.6 | 250 |
| 108 | Isocyanide and Phosphine Oxide Coordination in Binuclear Chromium Pacman Complexes. Organometallics, 2013, 32, 6879-6882. | 2.3 | 6 |

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|---|---|---|---|
| 109 | Homoleptic â€˜sandwichâ€™ complexes of substituted tris(methimazolyl)borate ligands with ruthenium, rhodium and palladium. Dalton Transactions, 2013, 42, 11281. | 3.3 | 4 |
| 110 | From antiferromagnetic to ferromagnetic exchange in a family of oxime-based MnIII dimers: a magneto-structural study. Dalton Transactions, 2013, 42, 16510. | 3.3 | 33 |
| 111 | Oxo-Functionalization and Reduction of the Uranyl Ion through Lanthanide-Element Bond Homolysis: Synthetic, Structural, and Bonding Analysis of a Series of Singly Reduced Uranylâ€“Rare Earth 5f<sup>1</sup>-4f<sup>n</sup> Complexes. Journal of the American Chemical Society, 2013, 135, 3841-3854. | 13.7 | 107 |
| 112 | Carbon monoxide and carbon dioxide insertion chemistry of f-block N-heterocyclic carbene complexes. Dalton Transactions, 2013, 42, 1333-1337. | 3.3 | 51 |
| 113 | Redox Chemistry of Noninnocent Quinones Annulated to 2Fe2S Cores. Organometallics, 2013, 32, 6605-6612. | 2.3 | 19 |
| 114 | Synthesis and characterization of [FeFe]-hydrogenase mimics appended with a 2-phenylazopyridine ligand. Journal of Sulfur Chemistry, 2013, 34, 566-579. | 2.0 | 7 |
| 115 | [2-Butyl-4-(4-tert-butylbenzyl)-1,2,4-triazol-3-ylidene]chlorido[(1,2,5,6-Î·)-cycloocta-1,5-diene]iridium(I). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m158-m159. | 0.2 | 12 |
| 116 | Applications of ortho-phenylisonitrile and ortho-N-Boc aniline for the two-step preparation of novel bis-heterocyclic chemotypes. Molecular Diversity, 2012, 16, 607-612. | 3.9 | 18 |
| 117 | Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metalâ€“organic frameworks. Chemical Communications, 2012, 48, 7592. | 4.1 | 147 |
| 118 | Organic Crystal Engineering with 1,4-Piperazine-2,5-diones. 8. Synthesis, Crystal Packing, and Thermochemistry of Piperazinediones Derived from 2-Amino-4,7-dialkoxyindan-2-carboxylic Acids. Crystal Growth and Design, 2012, 12, 5056-5068. | 3.0 | 6 |
| 119 | Directed secondary interactions in transition metal complexes of tripodal pyrrole imine and amide ligands. Dalton Transactions, 2012, 41, 5785. | 3.3 | 23 |
| 120 | Cyclic Voltammetric Studies of Chlorine-Substituted Diiron Benzenedithiolato Hexacarbonyl Electrocatalysts Inspired by the [FeFe]-Hydrogenase Active Site. Organometallics, 2012, 31, 8067-8070. | 2.3 | 37 |
| 121 | Insertion and Substitution Chemistry at the Boron Fourth Position in Charge-Neutral Zwitterionic Tripodal Tris(methimazolyl)borate Ligands. Inorganic Chemistry, 2012, 51, 3677-3689. | 4.0 | 11 |
| 122 | Hybrids by Cluster Complex-Initiated Polymerization. Macromolecules, 2012, 45, 2614-2618. | 4.8 | 9 |
| 123 | Thio-Claisen Rearrangement Used in Preparing Anti-Î²-Functionalized Î³,Î´-Unsaturated Amino Acids: Scope and Limitations. Journal of Organic Chemistry, 2012, 77, 1289-1300. | 3.2 | 27 |
| 124 | Planar Ni(ii), Cu(ii) and Co(ii) tetraaza[14]annulenes: structural, electronic and magnetic properties and application to field effect transistors. Journal of Materials Chemistry, 2012, 22, 17967. | 6.7 | 27 |
| 125 | New trimetallic sandwich complexes of platinum(0) and palladium(0). Journal of Organometallic Chemistry, 2012, 713, 217-221. | 1.8 | 15 |
| 126 | Synthesis and structures of transition metal pacman complexes of heteroditopic Schiff-base pyrrole macrocycles. Dalton Transactions, 2012, 41, 13815. | 3.3 | 14 |

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|---|---|---|---|
| 127 | Synthesis, spectroscopic characterization and crystal structure of novel NNNN-donor Î¼-bis(bidentate) tetraaza acyclic Schiff base ligands. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 396-404. | 3.9 | 11 |
| 128 | On the electronic structure of nitro-substituted bipyridines and their platinum complexes. Dalton Transactions, 2012, 41, 201-207. | 3.3 | 9 |
| 129 | 2,2â€²â€²,3,3â€²â€²,4,4â€²â€²,5,5â€²â€²-Octaphenyl-1,1â€²:4â€²,1â€²â€²-terphenyl and 2â€²,3â€²,5â€²,6â€²-tetrafluoro-2,2â€²â€²,3,3â€²â€²,4,4â€²â€²,5,5â€²â€²-octaphenyl-1,1â€²:4â€²,1â€²â€²-terphenyl. Acta Crystallo Structure Communications, 2012, 68, o23-o27. | 0.4 | 5 |
| 130 | Hydrazine-mediated cyclization of Ugi products to synthesize novel 3-hydroxypyrazoles. Tetrahedron Letters, 2012, 53, 2592-2594. | 1.4 | 14 |
| 131 | Neighboring Pyrrolidine Amide Participation in Thioether Oxidation. Methionine as a â€œHoppingâ€•Site. Organic Letters, 2011, 13, 2837-2839. | 4.6 | 23 |
| 132 | Hydrolytic synthesis and structural characterization of lanthanide-acetylacetonato/hydroxo cluster complexes â€“ A systematic study. Dalton Transactions, 2011, 40, 1041-1046. | 3.3 | 53 |
| 133 | Interactions of weakly coordinating anions with tripalladium sandwich complexes. Journal of Organometallic Chemistry, 2011, 696, 3143-3149. | 1.8 | 4 |
| 134 | Synthesis and biological evaluation of new opioid agonist and neurokinin-1 antagonist bivalent ligands. Bioorganic and Medicinal Chemistry, 2011, 19, 6135-6142. | 3.0 | 24 |
| 135 | 1-(2-Cyclohex-2-enylpropionyl)-3-methylurea, 2-ethyl-5-methylhexanamide and 2-ethylpentanamide: three products of barbiturate decomposition. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o13-o17. | 0.4 | 3 |
| 136 | Geometrically Specific Imino Complexes of the [Re<sub>6</sub>(Î¼<sub>3</sub>â€“Se)<sub>8</sub>]<sup>2+</sup> Coreâ€“Containing Clusters. Chemistry - A European Journal, 2011, 17, 580-587. | 5.3 | 18 |
| 137 | On the synthesis of 1,4,7-tris(tert-butoxycarbonylmethyl)-1,4,7,10-tetraazacyclododecane. Tetrahedron Letters, 2011, 52, 2058-2061. | 1.4 | 34 |
| 138 | (S)-Methyl 2-{(S)-2-[bis(4-methoxyphenyl)methylideneamino]-3-hydroxypropanamido}-3-methylbutanoate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o13-o14. | 0.2 | 0 |
| 139 | 4-(Piperidin-1-yl)-4H-benzo[b]tetrazolo[1,5-d][1,4]diazepin-5(6H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o23-o24. | 0.2 | 1 |
| 140 | N,Nâ€²-Bis(5-bromopyridin-2-yl)methanediamine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o833-o833. | 0.2 | 1 |
| 141 | 3-(2,6-Dimethylanilino)imidazo[1,2-a]pyridin-1-ium perchlorate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1224-o1224. | 0.2 | 2 |
| 142 | [(1,2,5,6-Î·)-Cycloocta-1,5-diene]bis(1-isopropyl-3-methylimidazolin-2-ylidene)rhodium(I) tetrafluoridoborate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1860-m1861. | 0.2 | 11 |
| 143 | 3-[4-(10H-Indolo[3,2-b]quinolin-11-yl)piperazin-1-yl]propan-1-ol. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3465-o3466. | 0.2 | 0 |
| 144 | 2-Propyl 3,3-dibromo-2-hydroxypyrrolidine-1-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o597-o597. | 0.2 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Electronic and geometric effects of phosphatriazaadamantane ligands on the catalytic activity of an [FeFe] hydrogenase inspired complex. Dalton Transactions, 2010, 39, 3050-3056. | 3.3 | 66 |
| 146 | Synthesis and Crystallographic Study of Nâ€²-(1-benzylpiperidin-4-yl)acetohydrazide. Journal of Chemical Crystallography, 2010, 40, 961-964. | 1.1 | 1 |
| 147 | Framework Solids Possessing Both Hydrophobic and Hydrophilic Pores Constructed by Faceâ€Sharing Kepleratеâ€Type Heterometalâ€“Organic Polyhedra. Chemistry - A European Journal, 2010, 16, 5292-5296. | 3.3 | 20 |
| 148 | Molecular and polymeric Hg(II) complexes with a PTA (1,3,5-triaza-7-phosphaadamantane) complex of the [Re6(Î¼3-Se)8]2+ core-containing cluster as ligand. Inorganica Chimica Acta, 2010, 363, 4189-4196. | 2.4 | 9 |
| 149 | Concise preparation of novel tricyclic chemotypes: fused hydantoinâ€“benzodiazepines. Tetrahedron Letters, 2010, 51, 4689-4692. | 1.4 | 20 |
| 150 | A synchrotron study of (2R,5â€²S)-5â€²-benzyl-5-bromo-6-methoxyspiro[indane-2,2â€²-piperazine]-3â€²,6â€²-dione dimethylformamide solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, o302-o304. | 0.4 | 0 |
| 151 | [(1,2,5,6-Î·)-1,5-Cyclooctadiene](1-isopropyl-3-methylimidazolin-2-ylidene)(triphenylphosphine)iridium(I) tetrafluoridoborate dichloromethane solvate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1114-m1114. | 0.2 | 11 |
| 152 | Synthesis and Structure of m-Terphenyl Thio-, Seleno-, and Telluroethers. Journal of Organic Chemistry, 2010, 75, 8363-8371. | 3.2 | 17 |
| 153 | Synthesis of the Conformationally Constrained Tyrosine Analogues, (R)- and (S)-5-Hydroxy-2-aminoindan-2-carboxylic Acids. Journal of Organic Chemistry, 2010, 75, 1293-1296. | 3.2 | 10 |
| 154 | Design, Synthesis, and Evaluation of 1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic Acid Derived, Redox-Sensitive Contrast Agents for Magnetic Resonance Imaging. Journal of Medicinal Chemistry, 2010, 53, 6747-6757. | 6.4 | 34 |
| 155 | Effect of Pnictogen Ligand Substitution on a Tripalladium Ditropylium Core. Inorganic Chemistry, 2010, 49, 4307-4312. | 4.0 | 25 |
| 156 | Cluster-Bound Nitriles Do Not Click with Organic Azides: Unexpected Formation of Imino Complexes of the [Re<sub>6</sub>(Î¼<sub>3</sub>-Se)<sub>8</sub>]<sup>2+</sup> Core-Containing Clusters. Inorganic Chemistry, 2010, 49, 380-382. | 4.0 | 16 |
| 157 | Proton sharing and transfer in some zwitterionic compounds based on 4-oxo-4-((1-phenethylpiperidin-4-yl)(phenyl)amino)alcanoic acids. CrystEngComm, 2010, 12, 3651. | 2.6 | 8 |
| 158 | 2-Butyl-11-phenyl-5,10-dihydro-1H-benzo[e]imidazo[1,5-a][1,4]diazepine-1,3(2H)-dione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o625-o625. | 0.2 | 1 |
| 159 | Nâ€Heterocyclic Carbene Complexes of Rhodium and Iridium: Steric Effects on Molecular Conformation. European Journal of Inorganic Chemistry, 2009, 2009, 4320-4328. | 2.0 | 18 |
| 160 | Zn(II) and Cu(II) Complexes with the Cluster-based Ligand [Re6(Î¼ 3-Se)8(PEt3)5(PTA)](SbF6)2 (PTAÂ=Â1,3,5-Triaza-7-phosphaadamantane). Journal of Cluster Science, 2009, 20, 93-103. | 3.3 | 12 |
| 161 | 3-[5-(4-Chlorophenyl)-1-(4-methoxyphenyl)-1H-pyrazol-3-yl]propionic acid and the corresponding methyl ester. Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o163-o166. | 0.4 | 0 |
| 162 | 3-[1-(4-Sulfamoylphenyl)-5-p-tolyl-1H-pyrazol-3-yl]propanoic acid and 3-[5-(4-bromophenyl)-1-(4-sulfamoylphenyl)-1H-pyrazol-3-yl]propanoic acidâ€“dichloromethaneâ€“diethyl etherâ€“water (2/0.72/1/1). Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o296-o299. | 0.4 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Polymorphism and phase transition behavior of 6,6â€²-bis(chloromethyl)-1,1â€²,4,4â€²-tetramethyl-3,3â€²-(p-phenylenedimethylene)bis(piperazine-2,5-dione). Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o381-o384. | 0.4 | 3 |
| 164 | Enantioselective organocatalytic Î±-sulfenylation of substituted diketopiperazines. Tetrahedron: Asymmetry, 2009, 20, 2742-2750. | 1.8 | 38 |
| 165 | Efficient organocatalytic Î±-sulfenylation of substituted piperazine-2,5-diones. Tetrahedron Letters, 2009, 50, 4310-4313. | 1.4 | 28 |
| 166 | Synthesis and investigations of double-pharmacophore ligands for treatment of chronic and neuropathic pain. Bioorganic and Medicinal Chemistry, 2009, 17, 5044-5053. | 3.0 | 20 |
| 167 | Classical and Weak Hydrogen Bonding Interactions between 4,4â€²-Bipyridine and Organic Acids: From Co-Crystal to Organic Complex. Crystal Growth and Design, 2009, 9, 1844-1850. | 3.0 | 98 |
| 168 | Neighboring Amide Participation in Thioether Oxidation: Relevance to Biological Oxidation. Journal of the American Chemical Society, 2009, 131, 13791-13805. | 13.7 | 47 |
| 169 | Monomers and Polymers of Tripalladium(0) Ditropylium Halides. Inorganic Chemistry, 2009, 48, 2708-2710. | 4.0 | 37 |
| 170 | Interactions of Arenes and Thioethers Resulting in Facilitated Oxidation. Organic Letters, 2009, 11, 397-400. | 4.6 | 29 |
| 171 | Molecular Solids from Symmetrical Bis(piperazine-2,5-diones) with Open- and Closed-Monomer Conformations. Crystal Growth and Design, 2009, 9, 2191-2197. | 3.0 | 10 |
| 172 | 1-(4-Methoxyphenyl)-3-phenyl-1H-pyrazol-5-amine. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1170-o1170. | 0.2 | 1 |
| 173 | Diethyltrans-2,5-bis(4-methoxybenzylsulfanyl)-1,4-dimethyl-3,6-dioxopiperazine-2,5-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1583-o1584. | 0.2 | 1 |
| 174 | 2-[N-(2,4-Difluorophenyl)carbamoyl]-3,4,5,6-tetrafluorobenzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2644-o2644. | 0.2 | 3 |
| 175 | (S,S)-4â€²â€²-Cyano-7,7â€²â€²-dimethoxy-3â€²,6â€²-dioxodispiro[indane-2,2â€²-piperazine-5â€²,2â€²â€²-indane]-4-carboxamide methanol solvate: interrupting the amide-to-amide hydrogen-bonded tape. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, o431-o433. | 0.4 | 1 |
| 176 | Photoelectron spectroscopy of dithiolatodiironhexacarbonyl models for the active site of [Feâ€“Fe] hydrogenases: Insight into the reorganization energy of the â€œrotatedâ€•structure in the enzyme. Journal of Molecular Structure, 2008, 890, 281-288. | 3.6 | 32 |
| 177 | Cluster carbonyls of the [Re6(Î¼3-Se)8]2+ core: synthesis, structural characterization, and computational analysis. Dalton Transactions, 2008, , 4247. | 3.3 | 22 |
| 178 | Complexes of the [Re6(Î¼3-Se)8]2+ core-containing clusters with the water-soluble 1,3,5-triaza-7-phosphaadamantane (PTA) ligand: unexpected ligand protonation and related studies. Dalton Transactions, 2008, , 6030. | 3.3 | 9 |
| 179 | Enantioselective Synthesis of anti-Î²-Substituted Î³,Î´-Unsaturated Amino Acids: A Highly Selective Asymmetric Thio-Claisen Rearrangement. Organic Letters, 2008, 10, 4105-4108. | 4.6 | 29 |
| 180 | Organic Crystal Engineering with 1,4-Piperazine-2,5-diones. 7. Crystal Packing of Piperazinediones Derived from 2-Amino-7-nitro-4-methoxyindan-2-carboxylic Acid. Crystal Growth and Design, 2008, 8, 3257-3270. | 3.0 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Glycine-sodium Nitrate, GSN: a Low Temperature Redetermination. Microscopy and Microanalysis, 2007, 13, . | 0.4 | 0 |
| 182 | Cluster Carbonyls of the [Re<sub>6</sub>(Î¼<sub>3</sub>-Se)<sub>8</sub>]<sup>2+</sup>Core. Inorganic Chemistry, 2007, 46, 8436-8438. | 4.0 | 22 |
| 183 | Further thoughts on crystal structures with Zâ€²Â>Â1: analysis of single-crystal structures determined using X-ray synchrotron and neutron radiation in the Cambridge Structural Database. CrystEngComm, 2007, 9, 959. | 2.6 | 60 |
| 184 | Adducts of europium Î²-diketonates with nitrogen p,pâ€²-disubstituted bipyridine and phenanthroline ligands: Synthesis, structural characterization, and luminescence studies. Inorganica Chimica Acta, 2007, 360, 3543-3552. | 2.4 | 69 |
| 185 | Structural and spectroscopic properties of trans-dichlorobis(2,2-dimethyl-1,3-diaminopropane)chromium(III) chloride. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 796-801. | 3.9 | 30 |
| 186 | Ammonium violurate: a compact structure with extensive hydrogen bonding in three dimensions. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o609-o612. | 0.4 | 4 |
| 187 | Redetermination of bis(acetonitrile-ÎºN)octa-Î¼3-selenido-tetrakis(triethylphosphine-ÎºP)hexarhenium(III) at 150â€…K. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m678-m679. | 0.2 | 0 |
| 188 | 5-(1-Methylbutyl)-5-propenylbarbituric acid (quinal barbitone). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1632-o1634. | 0.2 | 4 |
| 189 | A synchrotron study ofcatena-poly[[tri-Î¼-aqua-triaquabarium(II)] bis(6-methylpyridin-2-olate)]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1135-m1137. | 0.2 | 1 |
| 190 | Bis(tetraphenylphosphonium) di-Î¼-iodido-bis[diiodidopalladate(II)]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2558-m2558. | 0.2 | 2 |
| 191 | A secondC2/cpolymorph of butobarbitone. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4147-o4147. | 0.2 | 3 |
| 192 | Models of the Cytochromes:Â Crystal Structures and EPR Spectral Characterization of Low-Spin Bis-Imidazole Complexes of (OETPP)FeIIIHaving Intermediate Ligand Plane Dihedral Angles. Inorganic Chemistry, 2006, 45, 5417-5428. | 4.0 | 38 |
| 193 | The Importance of Weak Câ€“HÂ·Â·Â·O Bonds and Ï€Â·Â·Â·Ï€ Stacking Interactions in the Formation of Organic 1,8-Bis(dimethylamino)naphthalene Complexes with Zâ€² > 1. Crystal Growth and Design, 2006, 6, 451-460. | 3.0 | 61 |
| 194 | Stoichiometry-dependent structures: an X-ray and neutron single-crystal diffraction study of the effect of reaction stoichiometry on the crystalline products formed in the potassiumâ€“cyanurate system. Acta Crystallographica Section B: Structural Science, 2006, 62, 798-807. | 1.8 | 18 |
| 195 | 4-{N-[2-(1,3-Dioxo-1,3-dihydroisoindol-2-yl)-3-phenylpropionyl]anilino}-1-phenethylpiperidinium chloride methanol disolvate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2815-o2816. | 0.2 | 2 |
| 196 | (1R,2S)-BenzylN-[3-(diisopropylaminocarbonyl)-2-phenylprop-3-enyl]carbamate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3921-o3922. | 0.2 | 0 |
| 197 | The napsylate salt of carbendazim: 2-(methoxycarbonylamino)benzimidazolium naphthalene-1-sulfonate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o5172-o5173. | 0.2 | 5 |
| 198 | Complexes of 6-methyl-2-pyridone with the alkaline earth metals magnesium, strontium and barium: Synthesis and structural characterisation. Inorganica Chimica Acta, 2006, 359, 3474-3480. | 2.4 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Classical hydrogen bonding and weaker Câ€“Hâ‹¯O interactions in complexes of uracil-5-carboxylic acid with the alkali metals Naâ€“Cs. Polyhedron, 2006, 25, 1043-1056. | 2.2 | 20 |
| 200 | 5-Butyl-5-ethylbarbituric acid: a phase transition at low temperature. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o297-o299. | 0.4 | 5 |
| 201 | 6-Methyl-2-pyridone: an elusive structure finally solved. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o383-o385. | 0.4 | 6 |
| 202 | Polymorphism in an unexpected caesium complex of 5-hydroxyhydurilic acid. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m459-m462. | 0.4 | 6 |
| 203 | Hydrogen-bonding and carbonylâ€“carbonyl interactions in violuric acid methanol solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o718-o721. | 0.4 | 2 |
| 204 | A variable-temperature study of a phase transition in barbituric acid dihydrate. Acta Crystallographica Section B: Structural Science, 2005, 61, 464-472. | 1.8 | 40 |
| 205 | 5-(1-Cyclohexen-1-yl)-1,5-dimethylbarbituric acid (hexobarbitone): a low-temperature redetermination. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1004-o1006. | 0.2 | 2 |
| 206 | Malonamide: a tetragonal polymorph. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3424-o3426. | 0.2 | 2 |
| 207 | Malonamide: an orthorhombic polymorph. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3427-o3429. | 0.2 | 2 |
| 208 | A second monoclinic polymorph of 2,9-dimethyl-1,10-phenanthroline dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3723-o3725. | 0.2 | 1 |
| 209 | Violuric acid monohydrate: a definitive redetermination at 150 K. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3788-o3790. | 0.2 | 7 |
| 210 | Proton sharing in bis(4-carbamoylpyridinium) squarate. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o678-o680. | 0.4 | 8 |
| 211 | 6-Methyl-2-pyridone pentahydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1433-o1436. | 0.2 | 8 |
| 212 | Dissecting Solvent Effects on Hydrogen Bonding. Angewandte Chemie, 0, , . | 2.0 | 2 |