

Gary S Nichol

List of Publications by Year in descending order

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212
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docs citations

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times ranked

6230
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Enhanced N-directed electrophilic C-H borylation generates BN[5]- and [6]helicenes with improved photophysical properties. <i>Chemical Science</i> , 2022, 13, 1136-1145. | 3.7 | 23 |
| 2 | A Lewis Base Nucleofugality Parameter, N_{FB} , and Its Application in an Analysis of MIDA-Boronate Hydrolysis Kinetics. <i>Journal of Organic Chemistry</i> , 2022, 87, 721-729. | 1.7 | 3 |
| 3 | Incorporating Sodium to Boost the Activity of Aluminium TrenSal Complexes towards ϵ -Lactide Polymerisation. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, . | 1.0 | 5 |
| 4 | Guest-induced magnetic exchange in paramagnetic $[M_2L_4]^{4+}$ coordination cages. <i>Dalton Transactions</i> , 2022, 51, 8377-8381. | 1.6 | 5 |
| 5 | Utilizing Raman Spectroscopy as a Tool for Solid- and Solution-Phase Analysis of Metalloorganic Cage Host-Guest Complexes. <i>Inorganic Chemistry</i> , 2022, , . | 1.9 | 1 |
| 6 | Dissecting Solvent Effects on Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 7.2 | 16 |
| 7 | Reversible Reductive Elimination in Aluminum(II) Dihydrides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2047-2052. | 7.2 | 26 |
| 8 | Reversible Reductive Elimination in Aluminum(II) Dihydrides. <i>Angewandte Chemie</i> , 2021, 133, 2075-2080. | 1.6 | 12 |
| 9 | Design of pure heterodinuclear lanthanoid cryptate complexes. <i>Chemical Science</i> , 2021, 12, 6983-6991. | 3.7 | 9 |
| 10 | $[(VIVO)_2MII_5]$ (M = Ni, Co) Anderson wheels. <i>Dalton Transactions</i> , 2021, 50, 12495-12501. | 1.6 | 3 |
| 11 | A $[Mn_{18}]$ wheel-of-wheels. <i>Chemical Communications</i> , 2021, 57, 4122-4125. | 2.2 | 10 |
| 12 | $[Fe_{15}]$: a frustrated, centred tetrakis hexahedron. <i>Chemical Communications</i> , 2021, 57, 8925-8928. | 2.2 | 14 |
| 13 | Exploiting host-guest chemistry to manipulate magnetic interactions in metallosupramolecular M_4L_6 tetrahedral cages. <i>Chemical Science</i> , 2021, 12, 5134-5142. | 3.7 | 22 |
| 14 | Tuning the optical bandgap and piezoresistance in iridium-based molecular semiconductors through ligand modification. <i>Materials Advances</i> , 2021, 2, 5135-5143. | 2.6 | 2 |
| 15 | Borane-Catalyzed $C(sp^3)F$ Bond Arylation and Esterification Enabled by Transborylation. <i>ACS Catalysis</i> , 2021, 11, 3190-3197. | 5.5 | 30 |
| 16 | Spectroscopic and electrochemical comparison of [FeFe]-hydrogenase active-site inspired compounds: Diiron monobenzenethiolate compounds containing electron-donating and withdrawing groups. <i>Polyhedron</i> , 2021, 197, 115043. | 1.0 | 3 |
| 17 | Instantaneous and Phosphine-Catalyzed Arene Binding and Reduction by U(III) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 4162-4170. | 1.9 | 7 |
| 18 | Simple Amides and Amines for the Synergistic Recovery of Rhodium from Hydrochloric Acid by Solvent Extraction. <i>Chemistry - A European Journal</i> , 2021, 27, 8714-8722. | 1.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Manganese-Catalyzed C(sp ²)–H Borylation of Furan and Thiophene Derivatives. ACS Catalysis, 2021, 11, 6857-6864. | 5.5 | 26 |
| 20 | C–H Borylation Catalysis of Heteroaromatics by a Rhenium Boryl Polyhydride. ACS Catalysis, 2021, 11, 7394-7400. | 5.5 | 11 |
| 21 | Ultraporous Polymers of Intrinsic Microporosity Containing Spirocyclic Units with Fused Triptycenes. Advanced Functional Materials, 2021, 31, 2104474. | 7.8 | 29 |
| 22 | Aluminum Amidinate and Carboxylate Formation via Insertion of E–C–E Bonds. Organometallics, 2021, 40, 2375-2378. | 1.1 | 2 |
| 23 | Aluminium–Catalyzed C(sp)–H Borylation of Alkynes. Angewandte Chemie, 2021, 133, 20840-20845. | 1.6 | 2 |
| 24 | The Phospha-Bora-Wittig Reaction. Journal of the American Chemical Society, 2021, 143, 14065-14070. | 6.6 | 22 |
| 25 | Aluminium–Catalyzed C(sp)–H Borylation of Alkynes. Angewandte Chemie - International Edition, 2021, 60, 20672-20677. | 7.2 | 17 |
| 26 | Reversible Dissociation of a Dialumene**. Angewandte Chemie, 2021, 133, 24907-24913. | 1.6 | 10 |
| 27 | Reversible Dissociation of a Dialumene**. Angewandte Chemie - International Edition, 2021, 60, 24702-24708. | 7.2 | 30 |
| 28 | Zinc catalysed electrophilic C–H borylation of heteroarenes. Chemical Science, 2021, 12, 8190-8198. | 3.7 | 19 |
| 29 | Formation of a hydride containing amido-zincate using pinacolborane. Dalton Transactions, 2021, 50, 14018-14026. | 1.6 | 3 |
| 30 | Lithium Half–Salen Complexes: Synthesis, Structural Characterization and Studies as Catalysts for <i>rac</i> -Lactide Ring–Opening Polymerization. European Journal of Organic Chemistry, 2021, 2021, 5557-5568. | 1.2 | 7 |
| 31 | An [FeIII3O] molecular metal oxide. Chemical Communications, 2021, 58, 52-55. | 2.2 | 9 |
| 32 | Combining alkali metals and zinc to harness heterometallic cooperativity in cyclic ester ring-opening polymerisation. Chemical Science, 2020, 11, 11785-11790. | 3.7 | 22 |
| 33 | Unexpected Selective Gas Adsorption on a “Non-Porous” Metal Organic Framework. Crystals, 2020, 10, 548. | 1.0 | 2 |
| 34 | Pressure-and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahn–Teller switching in a Cu-based framework. Chemical Science, 2020, 11, 8793-8799. | 3.7 | 17 |
| 35 | Kinetic selection of Pd ₄ L ₂ metallocyclic and Pd ₆ L ₃ trigonal prismatic assemblies. Chemical Communications, 2020, 56, 11799-11802. | 2.2 | 6 |
| 36 | Phthalocyanine-polyoxotungstate lanthanide double deckers. Dalton Transactions, 2020, 49, 16638-16642. | 1.6 | 11 |

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|----|---|-----|-----------|
| 37 | Reconciling Electrostatic and π -Orbital Contributions in Carbonyl Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14602-14608. | 7.2 | 25 |
| 38 | Characterization of the Zwitterionic Intermediate in 1,1-Carboboration of Alkynes. <i>Angewandte Chemie</i> , 2020, 132, 12831-12835. | 1.6 | 5 |
| 39 | Reconciling Electrostatic and π -Orbital Contributions in Carbonyl Interactions. <i>Angewandte Chemie</i> , 2020, 132, 14710-14716. | 1.6 | 8 |
| 40 | Characterization of the Zwitterionic Intermediate in 1,1-Carboboration of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12731-12735. | 7.2 | 22 |
| 41 | Total synthesis of brevianamide A. <i>Nature Chemistry</i> , 2020, 12, 615-619. | 6.6 | 51 |
| 42 | Flexible Coordination of N,P-Donor Ligands in Aluminum Dimethyl and Dihydride Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 11439-11448. | 1.9 | 12 |
| 43 | Electron rich salen-AlCl catalysts as efficient initiators for the ring-opening polymerisation of rac-lactide. <i>European Polymer Journal</i> , 2019, 119, 507-513. | 2.6 | 18 |
| 44 | The Energetic Significance of Metallophilic Interactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12617-12623. | 7.2 | 65 |
| 45 | The Energetic Significance of Metallophilic Interactions. <i>Angewandte Chemie</i> , 2019, 131, 12747-12753. | 1.6 | 11 |
| 46 | An [Fe III 34] Molecular Metal Oxide. <i>Angewandte Chemie</i> , 2019, 131, 17059-17062. | 1.6 | 4 |
| 47 | An [Fe ^{III} ₃₄] Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16903-16906. | 7.2 | 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. <i>Chemical Science</i> , 2019, 10, 9740-9751. | 3.7 | 29 |
| 49 | Thiourea Bismuth Iodide: Crystal Structure, Characterization and High Performance as an Electrode Material for Supercapacitors. <i>Batteries and Supercaps</i> , 2019, 2, 568-575. | 2.4 | 18 |
| 50 | Inter-ligand intramolecular through-space anisotropic shielding in a series of manganese carbonyl phosphorous compounds. <i>Dalton Transactions</i> , 2019, 48, 14926-14935. | 1.6 | 6 |
| 51 | Pnictogen ligand coordination to an iron-sulfur compound. <i>Inorganica Chimica Acta</i> , 2019, 487, 387-394. | 1.2 | 6 |
| 52 | Intercepting the Disilene-Silylsilylene Equilibrium. <i>Angewandte Chemie</i> , 2019, 131, 1343-1347. | 1.6 | 5 |
| 53 | Intercepting the Disilene-Silylsilylene Equilibrium. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1329-1333. | 7.2 | 30 |
| 54 | Bio-inspired Domino oxa-Michael/Diels-Alder/oxa-Michael Dimerization of para -Quinols. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6198-6202. | 7.2 | 16 |

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|----|---|-----|-----------|
| 55 | Order in disorder: solution and solid-state studies of [MIII ₂ MII ₅] wheels (M ^{III} = Cr, Al); Tj ETQq1 1 0.784314 rgBT/Overlock | 1.6 | 12 |
| 56 | Double uranium oxo cations derived from uranyl by borane or silane reduction. Chemical Communications, 2018, 54, 3839-3842. | 2.2 | 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. | 1.3 | 25 |
| 58 | Aluminium-mediated carbon-carbon coupling of an isonitrile. Chemical Communications, 2018, 54, 378-380. | 2.2 | 20 |
| 59 | Cages on a plane: a structural matrix for molecular "sheets". Dalton Transactions, 2018, 47, 15530-15537. | 1.6 | 11 |
| 60 | Visualizing Kinetically Robust Co ^{III} ₄ L ₆ Assemblies <i>in Vivo</i> : SPECT Imaging of the Encapsulated [^{99m} Tc]TcO ₄ ⁻ Anion. Journal of the American Chemical Society, 2018, 140, 16877-16881. | 6.6 | 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. | 0.8 | 6 |
| 62 | Iron(III) Half Salen Catalysts for Atom Transfer Radical and Ring-Opening Polymerizations. ACS Omega, 2018, 3, 16945-16953. | 1.6 | 18 |
| 63 | Stable Fe(III) phenoxyimines as selective and robust CO ₂ /epoxide coupling catalysts. Dalton Transactions, 2018, 47, 13106-13112. | 1.6 | 30 |
| 64 | A simple methodology for constructing ferromagnetically coupled Cr(III) compounds. Dalton Transactions, 2018, 47, 8100-8109. | 1.6 | 11 |
| 65 | Bio-inspired Domino oxa-Michael/Diels-Alder/oxa-Michael Dimerization of para -Quinolns. Angewandte Chemie, 2018, 130, 6306-6310. | 1.6 | 6 |
| 66 | Extending lead-free hybrid photovoltaic materials to new structures: thiazolium, aminothiazolium and imidazolium iodobismuthates. Dalton Transactions, 2018, 47, 7050-7058. | 1.6 | 34 |
| 67 | Temperature-induced polymorphism in methyl stearate. CrystEngComm, 2018, 20, 6885-6893. | 1.3 | 9 |
| 68 | Multi-electron reduction of sulfur and carbon disulfide using binuclear uranium(III) borohydride complexes. Chemical Science, 2017, 8, 3609-3617. | 3.7 | 27 |
| 69 | Total Synthesis of (±)-Angiopterlactone B. Organic Letters, 2017, 19, 2199-2201. | 2.4 | 30 |
| 70 | Total Synthesis of a Dimeric Thymol Derivative Isolated from <i>Arnica sachalinensis</i> . Angewandte Chemie, 2017, 129, 6917-6921. | 1.6 | 2 |
| 71 | Total Synthesis of a Dimeric Thymol Derivative Isolated from <i>Arnica sachalinensis</i> . Angewandte Chemie - International Edition, 2017, 56, 6813-6817. | 7.2 | 13 |
| 72 | Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. Dalton Transactions, 2017, 46, 7159-7168. | 1.6 | 13 |

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|----|---|-----|-----------|
| 73 | Phosphaborenes: Accessible Reagents for the Synthesis of C ⁺ /P ⁺ B Isosteres. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9953-9957. | 7.2 | 38 |
| 74 | Hexahalorhenate(IV) salts of metal oxazolidine nitroxides. <i>Dalton Transactions</i> , 2017, 46, 5250-5259. | 1.6 | 10 |
| 75 | Phosphaborenes: Accessible Reagents for the Synthesis of C ⁺ /P ⁺ B Isosteres. <i>Angewandte Chemie</i> , 2017, 129, 10085-10089. | 1.6 | 24 |
| 76 | [Cr ^{III} ₈ M ^{II} ₆] ⁿ⁺ (M ^{II} = Cu, Co) face-centred, metallosupramolecular cubes. <i>CrystEngComm</i> , 2016, 18, 4914-4920. | 1.3 | 10 |
| 77 | Tripalladium(0) sandwich complexes with nitrogen based ligands. <i>Polyhedron</i> , 2016, 114, 443-450. | 1.0 | 2 |
| 78 | Amidine Production by the Addition of NH ₃ to Nitrile(s) Bound to and Activated by the Lewis Acidic [Re ₆ ($\frac{1}{4}$ -Se) ₈] ²⁺ Cluster Core. <i>Inorganic Chemistry</i> , 2016, 55, 9505-9508. | 1.9 | 8 |
| 79 | Markovnikov-Selective, Activator-Free Iron-Catalyzed Vinylarene Hydroboration. <i>ACS Catalysis</i> , 2016, 6, 7217-7221. | 5.5 | 79 |
| 80 | Amine-Activated Iron Catalysis: Air- and Moisture-Stable Alkene and Alkyne Hydrofunctionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2404-2409. | 2.1 | 63 |
| 81 | Orthogonal Selection and Fixing of Coordination Self-Assembly Pathways for Robust Metallo-organic Ensemble Construction. <i>Journal of the American Chemical Society</i> , 2016, 138, 9308-9315. | 6.6 | 102 |
| 82 | Maximizing Coordination Capsule-Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. <i>Angewandte Chemie</i> , 2016, 128, 15246-15250. | 1.6 | 51 |
| 83 | Maximizing Coordination Capsule-Guest Polar Interactions in Apolar Solvents Reveals Significant Binding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15022-15026. | 7.2 | 136 |
| 84 | Preorganized tridentate analogues of mixed hydroxyoxime/carboxylate nickel extractants. <i>Dalton Transactions</i> , 2016, 45, 3734-3742. | 1.6 | 9 |
| 85 | Non-photochemical synthesis of Re(diimine)(CO) ₂ (L)Cl (L = phosphine or phosphite) compounds. <i>Inorganic Chemistry Communication</i> , 2015, 59, 80-83. | 1.8 | 10 |
| 86 | Enantioselective Nickel-Catalyzed Hydrocyanation using Chiral Phosphine-Phosphite Ligands: Recent Improvements and Insights. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3317-3320. | 2.1 | 47 |
| 87 | [Re($\frac{1}{4}$ -Se) ₈] ²⁺ Core-Containing Cluster Complexes with Isonicotinic Acid: Synthesis, Structural Characterization, and Hydrogen-Bonded Assemblies. <i>Journal of Cluster Science</i> , 2015, 26, 279-290. | 1.7 | 9 |
| 88 | Non-equilibrium cobalt(III) κ^2 -capsules. <i>Chemical Science</i> , 2015, 6, 756-760. | 3.7 | 57 |
| 89 | Catalytic one-electron reduction of uranyl(VI) to Group 1 uranyl(V) complexes via Al(III) coordination. <i>Chemical Communications</i> , 2015, 51, 5876-5879. | 2.2 | 40 |
| 90 | A new polymorph of metacetamol. <i>CrystEngComm</i> , 2015, 17, 6183-6192. | 1.3 | 23 |

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|-----|---|-----|-----------|
| 91 | [Cr ^{III} ₈ M ^{II} ₆] ¹²⁺ Coordination Cubes (M ^{II} =Cu, Co). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6761-6764. | 7.2 | 42 |
| 92 | Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [LnIII6ZnII2] cages. <i>Dalton Transactions</i> , 2015, 44, 10315-10320. | 1.6 | 27 |
| 93 | Turning a "useless" ligand into a "useful" ligand: a magneto-structural study of an unusual family of Cu ^{II} wheels derived from functionalised phenolic oximes. <i>Dalton Transactions</i> , 2015, 44, 10177-10187. | 1.6 | 5 |
| 94 | Control of Oxo-Group Functionalization and Reduction of the Uranyl Ion. <i>Inorganic Chemistry</i> , 2015, 54, 3702-3710. | 1.9 | 51 |
| 95 | Switching the orientation of Jahn-Teller axes in oxime-based Mn ^{III} dimers and its effect upon magnetic exchange: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2015, 44, 19805-19811. | 1.6 | 19 |
| 96 | 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, o186-o187. | 0.2 | 0 |
| 97 | Anion Receptor Design: Exploiting Outer-Sphere Coordination Chemistry To Obtain High Selectivity for Chloridometalates over Chloride. <i>Inorganic Chemistry</i> , 2015, 54, 8685-8692. | 1.9 | 28 |
| 98 | Correlations between photophysical and electrochemical properties for a series of new Mn carbonyl complexes containing substituted phenanthroline ligands. <i>Inorganica Chimica Acta</i> , 2015, 427, 22-26. | 1.2 | 27 |
| 99 | Arene-ligated heteroleptic terphenolate complexes of thorium. <i>Dalton Transactions</i> , 2014, 43, 17416-17421. | 1.6 | 24 |
| 100 | Single Component Iron Catalysts for Atom Transfer and Organometallic Mediated Radical Polymerizations: Mechanistic Studies and Reaction Scope. <i>Macromolecules</i> , 2014, 47, 1249-1257. | 2.2 | 57 |
| 101 | Effect of torsional twist on 2nd order non-linear optical activity of anthracene and pyrene tricyanofuran derivatives. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23404-23411. | 1.3 | 26 |
| 102 | Combining oxime-based [Mn ₆] clusters with cyanometalates: 1D chains of [Mn ₆] SMMs from [M(CN) ₂] ⁺ (M = Au, Ag). <i>Dalton Transactions</i> , 2014, 43, 4622-4625. | 1.6 | 7 |
| 103 | CO ₂ as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd ₆ Cu ₃] tridiminished icosahedron. <i>Chemical Communications</i> , 2014, 50, 3498-3500. | 2.2 | 37 |
| 104 | New Chemistry from an Old Reagent: Mono- and Dinuclear Macrocyclic Uranium(III) Complexes from [U(BH ₄) ₃ (THF) ₂]. <i>Journal of the American Chemical Society</i> , 2014, 136, 10218-10221. | 6.6 | 53 |
| 105 | Catalytic Activity and Fluxional Behavior of Complexes Based on RuHCl(CO)(PPh ₃) ₃ and Xantphos-Type Ligands. <i>Organometallics</i> , 2014, 33, 2798-2805. | 1.1 | 18 |
| 106 | Structural effects upon the durability of hydrogenase-inspired hydrogen-producing electrocatalysts: Variations in the (1/4-edt)[Fe ₂ (CO) ₆] system. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 9-13. | 0.8 | 22 |
| 107 | How much do van der Waals dispersion forces contribute to molecular recognition in solution?. <i>Nature Chemistry</i> , 2013, 5, 1006-1010. | 6.6 | 250 |
| 108 | Isocyanide and Phosphine Oxide Coordination in Binuclear Chromium Pacman Complexes. <i>Organometallics</i> , 2013, 32, 6879-6882. | 1.1 | 6 |

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|-----|--|-----|-----------|
| 109 | Homoleptic η^5 -sandwich™ complexes of substituted tris(methimazolyl)borate ligands with ruthenium, rhodium and palladium. <i>Dalton Transactions</i> , 2013, 42, 11281. | 1.6 | 4 |
| 110 | From antiferromagnetic to ferromagnetic exchange in a family of oxime-based Mn(III) dimers: a magneto-structural study. <i>Dalton Transactions</i> , 2013, 42, 16510. | 1.6 | 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 Uranyl-Rare Earth $f^{1-4}d^n$ Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3841-3854. | 6.6 | 107 |
| 112 | Carbon monoxide and carbon dioxide insertion chemistry of f-block N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2013, 42, 1333-1337. | 1.6 | 51 |
| 113 | Redox Chemistry of Noninnocent Quinones Annulated to 2Fe2S Cores. <i>Organometallics</i> , 2013, 32, 6605-6612. | 1.1 | 19 |
| 114 | Synthesis and characterization of [FeFe]-hydrogenase mimics appended with a 2-phenylazopyridine ligand. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 566-579. | 1.0 | 7 |
| 115 | [2-Butyl-4-(4-tert-butylbenzyl)-1,2,4-triazol-3-ylidene]chlorido[(1,2,5,6- η^4 -cycloocta-1,5-diene]iridium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m158-m159. | 0.2 | 12 |
| 116 | Applications of ortho-phenylisocyanide and ortho-N-Boc aniline for the two-step preparation of novel bis-heterocyclic chemotypes. <i>Molecular Diversity</i> , 2012, 16, 607-612. | 2.1 | 18 |
| 117 | Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metal-organic frameworks. <i>Chemical Communications</i> , 2012, 48, 7592. | 2.2 | 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. <i>Crystal Growth and Design</i> , 2012, 12, 5056-5068. | 1.4 | 6 |
| 119 | Directed secondary interactions in transition metal complexes of tripodal pyrrole imine and amide ligands. <i>Dalton Transactions</i> , 2012, 41, 5785. | 1.6 | 23 |
| 120 | Cyclic Voltammetric Studies of Chlorine-Substituted Diiron Benzenedithiolato Hexacarbonyl Electrocatalysts Inspired by the [FeFe]-Hydrogenase Active Site. <i>Organometallics</i> , 2012, 31, 8067-8070. | 1.1 | 37 |
| 121 | Insertion and Substitution Chemistry at the Boron Fourth Position in Charge-Neutral Zwitterionic Tripodal Tris(methimazolyl)borate Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 3677-3689. | 1.9 | 11 |
| 122 | Hybrids by Cluster Complex-Initiated Polymerization. <i>Macromolecules</i> , 2012, 45, 2614-2618. | 2.2 | 9 |
| 123 | Thio-Claisen Rearrangement Used in Preparing Anti- β^2 -Functionalized β^3, β^4 -Unsaturated Amino Acids: Scope and Limitations. <i>Journal of Organic Chemistry</i> , 2012, 77, 1289-1300. | 1.7 | 27 |
| 124 | Planar Ni(II), Cu(II) and Co(II) tetraaza[14]annulenes: structural, electronic and magnetic properties and application to field effect transistors. <i>Journal of Materials Chemistry</i> , 2012, 22, 17967. | 6.7 | 27 |
| 125 | New trimetallic sandwich complexes of platinum(0) and palladium(0). <i>Journal of Organometallic Chemistry</i> , 2012, 713, 217-221. | 0.8 | 15 |
| 126 | Synthesis and structures of transition metal pacman complexes of heteroditopic Schiff-base pyrrole macrocycles. <i>Dalton Transactions</i> , 2012, 41, 13815. | 1.6 | 14 |

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|-----|--|-----|-----------|
| 127 | Synthesis, spectroscopic characterization and crystal structure of novel NNNN-donor 1/4-bis(bidentate) tetraaza acyclic Schiff base ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 396-404. | 2.0 | 11 |
| 128 | On the electronic structure of nitro-substituted bipyridines and their platinum complexes. <i>Dalton Transactions</i> , 2012, 41, 201-207. | 1.6 | 9 |
| 129 | 2,2',3,3',4,4',5,5'-Octaphenyl-1,1':4',1'-terphenyl and 2,2',3,3',5,5'-tetrafluoro-2,2',3,3',4,4',5,5'-octaphenyl-1,1':4',1'-terphenyl. <i>Acta Crystallographica Section C: Structure Communications</i> , 2012, 68, o23-o27. | | |
| 130 | Hydrazine-mediated cyclization of Ugi products to synthesize novel 3-hydroxypyrazoles. <i>Tetrahedron Letters</i> , 2012, 53, 2592-2594. | 0.7 | 14 |
| 131 | Neighboring Pyrrolidine Amide Participation in Thioether Oxidation. Methionine as a "Hopping" Site. <i>Organic Letters</i> , 2011, 13, 2837-2839. | 2.4 | 23 |
| 132 | Hydrolytic synthesis and structural characterization of lanthanide-acetylacetonato/hydroxo cluster complexes "A systematic study. <i>Dalton Transactions</i> , 2011, 40, 1041-1046. | 1.6 | 53 |
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