

Alan J Lough

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 192 papers | 6,502 citations | 41 h-index | 76 g-index |
| 200 ext. papers | 6,952 ext. citations | 5.2 avg, IF | 5.83 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 192 | Heteroatom Exchange Chemistry in (Z)-1-R-2-(4?,4?-dimethyl)-2?-oxazolin-2?-yl)-eth-1-en-1-ols: Access to Chelate-stabilized Thioester Analogues of Dithiooxophosphoranes. <i>Chemistry Letters</i> , 2022 , 51, 170-172 | 1.7 | 0 |
| 191 | Rigid Conjugated Diamine Templates for Stable Dion-Jacobson-Type Two-Dimensional Perovskites. <i>Journal of the American Chemical Society</i> , 2021 , 143, 19901-19908 | 16.4 | 5 |
| 190 | Tridentate NPN Ligands with a Central Secondary Phosphine Oxide Donor and their Corresponding Metal Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1436-1441 | 1.3 | 0 |
| 189 | Platinum(IV) complexes of a bulky and exceptionally donating alkyl: 2-adamantyl. <i>Canadian Journal of Chemistry</i> , 2021 , 99, 154-160 | 0.9 | 0 |
| 188 | Divalent cobalt and copper coordination complexes of β -N, O-derivatives of (Z)-1-R-2-(2?-oxazolin-2?-yl)-eth-1-en-1-ates: Structure and reactivity patterns. <i>Inorganica Chimica Acta</i> , 2021 , 514, 119959 | 2.7 | 2 |
| 187 | Enhanced analytical and physical characterization of mixtures of random bay-position brominated boron subnaphthalocyanines enabled by establishing a partial separation method. <i>New Journal of Chemistry</i> , 2021 , 45, 5791-5807 | 3.6 | 0 |
| 186 | Organometallic Iridium Complexes of (Z)-1-Phenyl-2-(4?,4?-dimethyl-2?-oxazolin-2?-yl)-eth-1-en-1-ate: Structural Aspects, Reactivity and Applications in the Catalytic Dehydrogenation of Alkanes. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 2043-2047 | 5.1 | 1 |
| 185 | Preparation and DFT Studies of β C,N-Hypercoordinated Oxazoline Organotin: Monomer Constructs for Stable Polystannanes. <i>Inorganics</i> , 2020 , 8, 35 | 2.9 | 1 |
| 184 | Transition metal complexes of monodentate 2-oxazolines containing long chain alkyl groups. The crystal structure of trans-PdCl ₂ (β -N-rac-2-heptadecyl-4,5-dihydro-5-methyl-2-oxazole) ₂ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 371-377 | 1 | |
| 183 | Boramidine: A Versatile Structural Motif for the Design of Fluorescent Heterocycles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13544-13549 | 16.4 | 3 |
| 182 | Why Diorganyl Zinc Lewis Acidity Dramatically Increases with Narrowing C-Zn-C Bond Angle. <i>Inorganic Chemistry</i> , 2020 , 59, 2621-2625 | 5.1 | 3 |
| 181 | Platinum(II) complex with 4-nitro-N-(pyridin-2-ylmethylidene)aniline: synthesis, characterization, crystal structure and antioxidant activity. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 1005-1009 | 0.8 | |
| 180 | Crystal structure of bis-[(,)-1,2-(bi-naph-thyl-phospho-nito)ethane]-dichlorido-iron(II) di-chloro-methane disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1525-1527 | 0.7 | |
| 179 | Hydrogen Bond Assisted l to d Conversion of β Amino Acids. <i>Angewandte Chemie</i> , 2020 , 132, 4365-4369 | 3.6 | |
| 178 | Hydrogen Bond Assisted l to d Conversion of β Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4335-4339 | 16.4 | 3 |
| 177 | A One-Step Preparation of Tetradentate Ligands with Nitrogen and Phosphorus Donors by Reductive Amination and Representative Iron Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 11041-11053 | 5.1 | 0 |
| 176 | Examining the Spin State and Redox Chemistry of Ni(Diimine) Catalysts during the Synthesis of β Conjugated Polymers. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000321 | 2.6 | 3 |

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| 175 | Structural and Magnetic Properties of an Ionic Zn ₅ Cluster Containing Radical Ligands. <i>Crystal Growth and Design</i> , 2020 , 20, 5709-5715 | 3.5 | |
| 174 | 2-Adamantyl Complexes of Platinum. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1288-1291 | 2.3 | 3 |
| 173 | Enantioselective Hydrogenation of Activated Aryl Imines Catalyzed by an Iron(II) P-NH-PNComplex. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12040-12049 | 4.2 | 23 |
| 172 | Synthesis and characterisation of η -oxazoline-enolate complexes of nickel(ii): explorations in coordination chemistry and metal-mediated polymerisation.. <i>RSC Advances</i> , 2019 , 9, 3956-3964 | 3.7 | 6 |
| 171 | PNNN& PNNNigands via reductive amination with phosphine aldehydes: synthesis and base-metal coordination chemistry. <i>Dalton Transactions</i> , 2019 , 48, 2150-2159 | 4.3 | 6 |
| 170 | Ligand mixed-valence and electrical conductivity in coordination complexes containing a redox-active phenalenol-substituted ligand. <i>Dalton Transactions</i> , 2019 , 48, 8053-8056 | 4.3 | 5 |
| 169 | Electro-Optic Modulation in Hybrid Metal Halide Perovskites. <i>Advanced Materials</i> , 2019 , 31, e1808336 | 24 | 26 |
| 168 | Hypercoordinated organotin(IV) compounds containing C,O- and C,N- chelating ligands: Synthesis, characterisation, DFT studies and polymerization behaviour. <i>Journal of Organometallic Chemistry</i> , 2019 , 900, 120910 | 2.3 | 7 |
| 167 | A molybdenum tris-(di-thiol-ene) complex coordinates to three bound cobalt centers in three different ways. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1261-1264 | 0.7 | |
| 166 | An iridium complex with an unsupported Ir-Zn bond: di-iodido-(η -penta-methyl-cyclo-penta-dien-yl)bis-(tri-methyl-phosphane)iridiumzinc(-) benzene hemisolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1824-1827 | 0.7 | |
| 165 | Synthesis and Biochemical Evaluation of Nicotinamide Derivatives as NADH Analogue Coenzymes in Ene Reductase. <i>ChemBioChem</i> , 2019 , 20, 838-845 | 3.8 | 6 |
| 164 | Molecular lemmings: strategies to avoid when designing BODIPY ferrocene dyads for dye-sensitized solar cell applications. <i>Dalton Transactions</i> , 2018 , 47, 4916-4920 | 4.3 | 8 |
| 163 | Confirmation of the Structure of Trans-Cyclic Azobenzene by X-Ray Crystallography and Spectroscopic Characterization of Cyclic Azobenzene Analogs. <i>ChemistrySelect</i> , 2018 , 3, 2697-2701 | 1.8 | 9 |
| 162 | Aggregation in isomeric imides: analysis of the weak interactions in six N-(benzoyl)-N-(2-pyridyl)benzamides. <i>Structural Chemistry</i> , 2018 , 29, 1153-1164 | 1.8 | 3 |
| 161 | Polynuclear CuL Copper(II) Aminyl Radical Coordination Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 4837-4840 | 3.4 | 12 |
| 160 | Dechlorinated Analogues of Dechlorane Plus. <i>Environmental Science & Technology</i> , 2018 , 52, 5619-5624 | 3.5 | 8 |
| 159 | Versatile Synthesis of Siloxy Silicon Tetrabenzotriazacorroles and Insight into the Mode of Macrocyclic Formation. <i>Inorganic Chemistry</i> , 2018 , 57, 5174-5182 | 5.1 | 4 |
| 158 | Ag -Induced Switching of DNA Binding Modes via Formation of a Supramolecular Metallacycle. <i>Chemistry - A European Journal</i> , 2018 , 24, 3729-3732 | 4.8 | 3 |

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| 157 | Iridium and Rhodium Complexes Containing Enantiopure Primary Amine-Tethered N-Heterocyclic Carbenes: Synthesis, Characterization, Reactivity, and Catalytic Asymmetric Hydrogenation of Ketones. <i>Organometallics</i> , 2018 , 37, 491-504 | 3.8 | 18 |
| 156 | Reversible Solution Dimerization and Long Multicenter Bonding in a Stable Phenoxyl Radical. <i>Chemistry - A European Journal</i> , 2018 , 24, 14906-14910 | 4.8 | 10 |
| 155 | Photophysical behaviour of BODIPY-phenylacetylene macrocyclic dyads for light-harvesting applications.. <i>RSC Advances</i> , 2018 , 8, 28533-28537 | 3.7 | 4 |
| 154 | Further investigation on the nitration of BODIPY with cupric nitrate: crystal structures of 4,4-di-fluoro-1,3,5,7,8-penta-methyl-2-nitro-4-bora-3a,4a-di-aza--indacene, 4,4-di-fluoro-3-nitro-8-phenyl-4-bora-3a,4a-di-aza--indacene, and 3-chloro-6-ethyl-5,7,8-trimethyl-2-nitro-4,4-diphenyl-4-bora-3a,4a-di-aza--indacene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1222-1226 | 0.7 | 0 |
| 153 | Synthesis and Characterization of Readily Modified Poly(aryl)(alkoxy)stannanes by use of Hypercoordinated Sn Monomers. <i>Chemistry - A European Journal</i> , 2018 , 24, 18762-18771 | 4.8 | 6 |
| 152 | A new structural model for NiFe hydrogenases: an unsaturated analogue of a classic hydrogenase model leads to more enzyme-like Ni-Fe distance and inter-planar fold. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1222-1226 | 0.7 | 1 |
| 151 | "Push-push and push-pull" polystannanes. <i>Dalton Transactions</i> , 2018 , 47, 14094-14100 | 4.3 | 6 |
| 150 | An Approach to the 9-Oxo-10-oxabicyclo[5.3.0]dec-2-ene Core of the Guaianolide and Pseudoguaianolide Sesquiterpenes via a Domino Electrocyclic Ring-Opening/Carboxylic Acid Trapping of a gem-Dibromocyclopropane. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13799-13810 | 4.2 | 6 |
| 149 | Managing nucleophilic addition reactions to tune the physical properties of 2-substituted pentamethylBODIPY derivatives. <i>RSC Advances</i> , 2017 , 7, 8922-8926 | 3.7 | 4 |
| 148 | Amido-pincer complexes of Cu(II): Synthesis, coordination chemistry and applications in catalysis. <i>Journal of Organometallic Chemistry</i> , 2017 , 845, 107-114 | 2.3 | 11 |
| 147 | Unsymmetrical Iron P-NH-PNCatalysts for the Asymmetric Pressure Hydrogenation of Aryl Ketones. <i>Chemistry - A European Journal</i> , 2017 , 23, 7212-7216 | 4.8 | 64 |
| 146 | Crystal structure and solvent-dependent behaviours of 3-amino-1,6-diethyl-2,5,7-trimethyl-4,4-di-phenyl-3a,4a-di-aza-4-bora--indacene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 378-382 | 0.7 | 1 |
| 145 | Metal coordination of ferrocene-histidine conjugates. <i>Dalton Transactions</i> , 2017 , 46, 4844-4859 | 4.3 | 9 |
| 144 | A Ferrocene-Tryptophan Conjugate: The Role of the Indolic Nitrogen in Supramolecular Assembly. <i>ChemPlusChem</i> , 2017 , 82, 1282-1289 | 2.8 | 19 |
| 143 | Biomass Utilisation Strategies for Applications in Novel Polymer and Polymer Resin Production. <i>Polymers From Renewable Resources</i> , 2017 , 8, 1-10 | 0.4 | 1 |
| 142 | Proof of Concept Studies Directed Towards Designed Molecular Wires: Property-Driven Synthesis of Air and Moisture-Stable Polystannanes. <i>Chemistry - A European Journal</i> , 2017 , 23, 14367-14374 | 4.8 | 11 |
| 141 | UV-Curable Contact Active Benzophenone Terminated Quaternary Ammonium Antimicrobials for Applications in Polymer Plastics and Related Devices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27491-27503 | 9.5 | 15 |
| 140 | From imine to amine: an unexpected left turn. -Iron(ii) PNNPNprecatalysts for the asymmetric transfer hydrogenation of acetophenone. <i>Chemical Science</i> , 2017 , 8, 6531-6541 | 9.4 | 26 |

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| 139 | Evaluation of an external initiating Ni(II) diimine catalyst for electron-deficient π -conjugated polymers. <i>Polymer Chemistry</i> , 2017 , 8, 4108-4113 | 4.9 | 11 |
| 138 | -isomer of [Pd(tfd)] [tfd is SC(CF)] as its benzene solvate: a new member of the small but growing class of homoleptic palladium(II) monodi-thio-lenes in the form of hexa-meric cubes. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 957-962 | 0.7 | 2 |
| 137 | Bromidocarbonyl{(1S,2S)-N-[2-(dicyclohexylphosphanyl)ethylidenyl]-N'-[2-(diphenylphosphanyl)ethyl]-1,2-diphenylethane} tetraphenylborate. <i>IUCrData</i> , 2017 , 2, | 0.7 | 3 |
| 136 | Crystal structures of bis-(phen-oxy)silicon phthalocyanines: increasing π -interactions, solubility and disorder and no halogen bonding observed. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 988-94 | 0.7 | 6 |
| 135 | Synthesis, characterization, and crystal structure of macrocyclic nickel(II) complexes bearing a,e-cis-1,4-chdc and e,e-trans-1,4-chdc (chdc = cyclohexanedicarboxylate) ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 634, 82-90 | 0.5 | |
| 134 | Eight rare earth metal organic frameworks and coordination polymers from 2-nitroterephthalate: syntheses, structures, solid-state luminescence and an unprecedented topology. <i>New Journal of Chemistry</i> , 2016 , 40, 7338-7349 | 3.6 | 18 |
| 133 | Redetermination of the crystal structure of boron subphthalocyanine chloride (Cl-BsubPc) enabled by slow train sublimation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016 , 72, 297-307 | 0.8 | 17 |
| 132 | A structural systematic study of semi-rigid ferrocene derivatives as a 3 \times 3 metallocene isomer grid: p-/m-/o-(FcC6H4)CONH(p-/m-/o-C6H4)CO2Et, [Fc = (C5H5)Fe(C5H4)]. <i>Inorganica Chimica Acta</i> , 2016 , 444, 113-125 | 2.7 | 3 |
| 131 | Permanently porous hydrogen-bonded frameworks of rod-like thiophenes, selenophenes, and tellurophenes capped with MIDA boronates. <i>Dalton Transactions</i> , 2016 , 45, 9754-7 | 4.3 | 11 |
| 130 | Details of the Mechanism of the Asymmetric Transfer Hydrogenation of Acetophenone Using the Amine(imine)diphosphine Iron Precatalyst: The Base Effect and The Enantiodetermining Step. <i>ACS Catalysis</i> , 2016 , 6, 301-314 | 13.1 | 54 |
| 129 | A Mechanistic Study of Halogen Addition and Photoelimination from π -Conjugated Tellurophenes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2678-89 | 16.4 | 31 |
| 128 | Spin-crossover in a homoleptic cobalt(II) complex containing a redox-active NNO ligand. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 455-459 | 7.1 | 14 |
| 127 | (+)-Chlorido-{2-[2-(methyl-sulfan-yl)ferrocen-yl]-2,5,6,7-tetra-hydro-pyrrolo-[1,2-jimidazol-3-yl-idene]bis(tri-phenyl-phosphine)}hexa-fluorido-phosphate di-chloro-form disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1330-1334 | 0.7 | 1 |
| 126 | Enantioselective Analytical- and Preparative-Scale Separation of Hexabromocyclododecane Stereoisomers Using Packed Column Supercritical Fluid Chromatography. <i>Molecules</i> , 2016 , 21, | 4.8 | 4 |
| 125 | A C18 Quaternary Ammonium Library. <i>ChemistrySelect</i> , 2016 , 1, 6914-6919 | 1.8 | 1 |
| 124 | The mixed alloyed chemical composition of chloro-(chloro)n-boron subnaphthalocyanines dictates their physical properties and performance in organic photovoltaic devices. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9566-9577 | 13 | 20 |
| 123 | Simple Modular Synthetic Approaches to Asymmetric NN?N?, NN?C, or NN?P-Type Amido Pincer Ligands: Synthesis, Characterisation, and Preliminary Ligation Studies. <i>Synthesis</i> , 2016 , 48, 2121-2129 | 2.9 | 17 |
| 122 | BODIPY-phenylacetylene macrocycle motifs for enhanced light-harvesting and energy transfer applications. <i>RSC Advances</i> , 2015 , 5, 57490-57492 | 3.7 | 7 |

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| 121 | Enhanced electron mobility in crystalline thionated naphthalene diimides. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11505-11515 | 7.1 | 37 |
| 120 | Condensation-Driven Assembly of Boron-Containing Bis(Heteroaryl) Motifs Using a Linchpin Approach. <i>Organic Letters</i> , 2015 , 17, 5594-7 | 6.2 | 62 |
| 119 | Crystal structure of (E)-(benzyl-idene)(pyridin-2-ylmeth-yl)amine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1040 | 0.7 | |
| 118 | Amino Acid Chirality and Ferrocene Conformation Guided Self-Assembly and Gelation of Ferrocene-Peptide Conjugates. <i>Chemistry - A European Journal</i> , 2015 , 21, 11560-72 | 4.8 | 33 |
| 117 | Reduction of C,O-chelated organotin(IV) dichlorides and dihydrides leading to protected polystannanes. <i>Journal of Organometallic Chemistry</i> , 2015 , 776, 180-191 | 2.3 | 13 |
| 116 | Exploring the decomposition pathways of iron asymmetric transfer hydrogenation catalysts. <i>Dalton Transactions</i> , 2015 , 44, 12119-27 | 4.3 | 17 |
| 115 | Iron(II) complexes containing unsymmetrical P-N-PNpincer ligands for the catalytic asymmetric hydrogenation of ketones and imines. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1367-80 | 16.4 | 241 |
| 114 | Mother Diamine: A Universal Building Block for Making Chiral Ligands from Daughter Diamines to Binol, Binap and Monophos Analogues. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 1102-1107 | 3 | 2 |
| 113 | Synthesis of Iron P-N-P? and P-NH-P? Asymmetric Hydrogenation Catalysts. <i>Organometallics</i> , 2014 , 33, 6452-6465 | 3.8 | 55 |
| 112 | Crystal and Solid-State Arrangement Trends of Halogenated Boron Subphthalocyanines. <i>Crystal Growth and Design</i> , 2014 , 14, 2138-2147 | 3.5 | 23 |
| 111 | Highly Stereoselective Recognition and Deracemization of Amino Acids by Supramolecular Self-Assembly. <i>Angewandte Chemie</i> , 2014 , 126, 848-851 | 3.6 | 17 |
| 110 | Reactions of BODIPY Fluorophore with Cupric Nitrate. <i>Synlett</i> , 2014 , 25, 2661-2664 | 2.2 | 2 |
| 109 | Alternative Synthetic Methods for PEPPSI-Type Palladium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3600-3607 | 2.3 | 7 |
| 108 | 3-Meth-oxy-2-[5-(naphthalen-2-yl)-4,5-di-hydro-1H-pyrazol-3-yl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o464 | | 1 |
| 107 | 5,8-Dimeth-oxy-3,9-dimethyl-3a,4,9,9a-tetra-hydro-4,9-ep-oxy-naphtho-[2,3-d]isoxazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o544 | | 3 |
| 106 | {N,NBis-[2-(di-phenyl-phosphan-yl)ethan-1-yl-idene]ethyl-enedi-amine}bromido-(p-toluene-sulfonyl-methyl isocyanide)iron(II) tetra-phenyl-borate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, m144 | | 2 |
| 105 | cis-2-(4-Meth-oxy-phen-yl)-4-methyl-1,2-di-hydro-naphthalen-1-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o546 | | |
| 104 | 1-(3-Hy-droxy-5,8-dimeth-oxy-4-methyl-1,2,3,4-tetra-hydro-1,4-ep-oxy-naphthalen-2-yl)ethan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o545 | | 1 |

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| 103 | (3-Methyl-3a,4,7,7a-tetra-hydro-5H-4,7-methano-isoxazolo[4,5-d][1,2]oxazin-5-yl)(phen-yl)methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o543 | | 2 |
| 102 | Amine(imine)diphosphine iron catalysts for asymmetric transfer hydrogenation of ketones and imines. <i>Science</i> , 2013 , 342, 1080-3 | 33.3 | 388 |
| 101 | The influence of strong and weak hydrogen bonds on the solid state arrangement of hydroxy-containing boron subphthalocyanines. <i>CrystEngComm</i> , 2013 , 15, 8578 | 3.3 | 11 |
| 100 | Reactions of phosphorus/boron frustrated Lewis pairs with SO ₂ . <i>Chemical Science</i> , 2013 , 4, 213-219 | 9.4 | 132 |
| 99 | Halogen bonding and π -interactions in the solid-state structure of a butadiynylene-linked bis(iodoperfluoroarene). <i>CrystEngComm</i> , 2013 , 15, 3097 | 3.3 | 13 |
| 98 | Halogen bonds can direct the solid state arrangement of phenoxyboron subphthalocyanines. <i>CrystEngComm</i> , 2013 , 15, 3187 | 3.3 | 16 |
| 97 | Contrasting the Reactivity of Ethylene and Propylene with P/Al and P/B Frustrated Lewis Pairs. <i>Organometallics</i> , 2013 , 32, 6759-6763 | 3.8 | 31 |
| 96 | Tautomerism and metal complexation of 2-acylmethyl-2-oxazolines: a combined synthetic, spectroscopic, crystallographic and theoretical treatment. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3484-93 | 3.9 | 9 |
| 95 | The mechanism of efficient asymmetric transfer hydrogenation of acetophenone using an iron(II) complex containing an (S,S)-Ph ₂ PCH ₂ CH ₂ NCHPhCHPhN ₂ CHCH ₂ PPh ₂ ligand: partial ligand reduction is the key. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12266-80 | 16.4 | 160 |
| 94 | Preparation of (Z)-1,2-dichloroalkenes from terminal alkynes. <i>Canadian Journal of Chemistry</i> , 2012 , 90, 625-630 | 0.9 | 11 |
| 93 | Flexible Syntheses of Tripodal Phosphine Ligands 1,1,2-Tris(diarylphosphino)ethane and Their Ruthenium η -C ₅ Me ₅ Complexes. <i>Organometallics</i> , 2012 , 31, 6589-6594 | 3.8 | 4 |
| 92 | Bidirectional Photocontrol of Peptide Conformation with a Bridged Azobenzene Derivative. <i>Angewandte Chemie</i> , 2012 , 124, 6558-6561 | 3.6 | 36 |
| 91 | Spectroscopic and DFT Study of Ferriaziridine Complexes Formed in the Transfer Hydrogenation of Acetophenone Catalyzed Using trans-[Fe(CO)(NCMe)(PPh ₂ CH ₂ CH ₂ NCH ₂ CH ₂ CH ₂ P,N,N,P)](BF ₄) ₂ . <i>Organometallics</i> , 2012 , 31, 3056-3064 | 3.8 | 43 |
| 90 | Hexamethyl 13,14-dioxapenta-cyclo-[8.2.1.1(4,7).0(2,9).0(3,8)]tetra-deca-5,11-diene-1,4,5,6,11,12-hexa-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2963 | | 2 |
| 89 | Tetra-methyl 1,4-dimethyl-13,14-dioxapenta-cyclo-[8.2.1.1(4,7).0(2,9).0(3,8)]tetra-deca-5,11-diene-5,6,11,12-tetra-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2961 | | |
| 88 | Tetra-tert-butyl 13,14-dioxapenta-cyclo-[8.2.1.1(4,7).0(2,9).0(3,8)]tetra-deca-5,11-diene-5,6,11,12-tetra-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2962 | | 2 |
| 87 | Stereoelectronic Factors in Iron Catalysis: Synthesis and Characterization of Aryl-Substituted Iron(II) Carbonyl PNP Complexes and Their Use in the Asymmetric Transfer Hydrogenation of Ketones. <i>Organometallics</i> , 2011 , 30, 4418-4431 | 3.8 | 108 |
| 86 | Low-valent ene-amido iron complexes for the asymmetric transfer hydrogenation of acetophenone without base. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9662-5 | 16.4 | 147 |

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| 85 | Structures and conformational analysis of a 3 D isomer grid of nine N-(fluorophenyl)pyridinecarboxamides. <i>CrystEngComm</i> , 2011 , 13, 1899-1909 | 3.3 | 15 |
| 84 | Osmium and Ruthenium Catalysts for Dehydrogenation of Alcohols. <i>Organometallics</i> , 2011 , 30, 3479-3482 | 3.2 | 239 |
| 83 | The synthesis and exchange chemistry of frustrated Lewis pair nitrous oxide complexes. <i>Chemical Science</i> , 2011 , 2, 170-176 | 9.4 | 152 |
| 82 | The Crystal and Molecular Structure of (2Z)-2-[3-(4-Methoxybenzoyl)-4,4-dimethyl-1,2-oxazolidin-2-ylidene]-1-(4-methoxyphenyl)ethanone. <i>Crystals</i> , 2011 , 1, 229-235 | 2.3 | 4 |
| 81 | 1D Supramolecules Self-Assembled by Nickel(II) Macrocycles with Carboxylate Ligands. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 1494-1500 | 0.5 | |
| 80 | Experimental and Theoretical Studies of the Potential Interconversion of the Amine-Borane iPr ₂ NH-BH(CF ₃) ₂ and the Aminoborane iPr ₂ N=B(CF ₃) ₂ Involving Hydrogen Loss and Uptake. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5279-5287 | 2.3 | 17 |
| 79 | A role for Br interactions in the solid-state molecular packing of para-halo-phenoxy-boron-subphthalocyanines. <i>CrystEngComm</i> , 2011 , 13, 3653 | 3.3 | 26 |
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