

Tim Storr

List of Publications by Year in descending order

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91
papers

4,215
citations

87888

38
h-index

123424

61
g-index

116
all docs

116
docs citations

116
times ranked

4420
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A role for bioinorganic chemistry in the reactivation of mutant p53 in cancer. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 393-403. | 2.6 | 7 |
| 2 | Chromium Nitride Umpolung Tuned by the Locus of Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 11594-11607. | 13.7 | 6 |
| 3 | Multifunctional compounds for the treatment of Alzheimer's disease. <i>Canadian Journal of Chemistry</i> , 2021, 99, 1-9. | 1.1 | 12 |
| 4 | Modification of amyloid-beta peptide aggregation via photoactivation of strained Ru(II) polypyridyl complexes. <i>Chemical Science</i> , 2021, 12, 7510-7520. | 7.4 | 15 |
| 5 | Exciton Coupling in Redox-Active Salen based Self-Assembled Metallacycles. <i>Chemistry - A European Journal</i> , 2021, 27, 16161-16172. | 3.3 | 0 |
| 6 | Elaboration on the Electronics of Salen Manganese Nitrides: Investigations into Alkoxy-Substituted Ligand Scaffolds. <i>Inorganic Chemistry</i> , 2021, 60, 16895-16905. | 4.0 | 7 |
| 7 | A balancing act: using small molecules for therapeutic intervention of the p53 pathway in cancer. <i>Chemical Society Reviews</i> , 2020, 49, 6995-7014. | 38.1 | 38 |
| 8 | Distorted copper(II) radicals with sterically hindered salens: electronic structure and aerobic oxidation of alcohols. <i>Dalton Transactions</i> , 2020, 49, 12990-13002. | 3.3 | 12 |
| 9 | Metal complexes that bind to the amyloid- β^2 peptide of relevance to Alzheimer's disease. <i>Coordination Chemistry Reviews</i> , 2020, 412, 213255. | 18.8 | 54 |
| 10 | Effect of Distortions on the Geometric and Electronic Structures of One-Electron Oxidized Vanadium(IV), Copper(II), and Cobalt(II)/(III) Salen Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 5133-5148. | 4.0 | 43 |
| 11 | Stabilization of different redox levels of a tridentate benzoxazole amidophenoxide ligand when bound to Co(III) or V(V). <i>Dalton Transactions</i> , 2019, 48, 13326-13336. | 3.3 | 7 |
| 12 | A catalytic antioxidant for limiting amyloid-beta peptide aggregation and reactive oxygen species generation. <i>Chemical Science</i> , 2019, 10, 1634-1643. | 7.4 | 44 |
| 13 | Coordination-driven assembly of a supramolecular square and oxidation to a tetra-ligand radical species. <i>Chemical Communications</i> , 2019, 55, 6082-6085. | 4.1 | 7 |
| 14 | Modification of A β^2 Peptide Aggregation via Covalent Binding of a Series of Ru(III) Complexes. <i>Frontiers in Chemistry</i> , 2019, 7, 838. | 3.6 | 16 |
| 15 | Bifunctional ligand design for modulating mutant p53 aggregation in cancer. <i>Chemical Science</i> , 2019, 10, 10802-10814. | 7.4 | 30 |
| 16 | Evaluation of ^{99m} Tc-sulfonamide and sulfocoumarin derivatives for imaging carbonic anhydrase IX expression. <i>Journal of Inorganic Biochemistry</i> , 2018, 185, 63-70. | 3.5 | 21 |
| 17 | Electronic Structure and Reactivity of One-Electron-Oxidized Copper(II) Bis(phenolate)-Dipyrrin Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9708-9719. | 4.0 | 32 |
| 18 | Exploiting exciton coupling of ligand radical intervalence charge transfer transitions to tune NIR absorption. <i>Chemical Science</i> , 2018, 9, 1610-1620. | 7.4 | 11 |

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|----|---|------|-----------|
| 19 | Octahedral Co(III) salen complexes: the role of peripheral ligand electronics on axial ligand release upon reduction. <i>Canadian Journal of Chemistry</i> , 2018, 96, 110-118. | 1.1 | 4 |
| 20 | Disentangling the 1MLCT transition of [Ru(bpy) ₃] ²⁺ by Stark absorption spectroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 618-624. | 3.9 | 6 |
| 21 | Electronic structure and reactivity studies of a nonsymmetric one-electron oxidized CuII bis-phenoxide complex. <i>Inorganica Chimica Acta</i> , 2018, 481, 151-158. | 2.4 | 8 |
| 22 | A small bifunctional chelator that modulates Al ³⁺ aggregation. <i>Canadian Journal of Chemistry</i> , 2018, 96, 78-82. | 1.1 | 7 |
| 23 | Multifunctional Compounds for Activation of the p53 ^{Δ220C} Mutant in Cancer. <i>Chemistry - A European Journal</i> , 2018, 24, 17734-17742. | 3.3 | 21 |
| 24 | Preface for the Forum on Applications of Metal Complexes with Ligand-Centered Radicals. <i>Inorganic Chemistry</i> , 2018, 57, 9577-9579. | 4.0 | 46 |
| 25 | Synthesis and evaluation of benzothiazole-triazole and benzothiadiazole-triazole scaffolds as potential molecular probes for amyloid- β^2 aggregation. <i>New Journal of Chemistry</i> , 2017, 41, 1566-1573. | 2.8 | 39 |
| 26 | Mn(^{iv}) and Mn(^v)-radical species supported by the redox non-innocent bis(2-amino-3,5-di-tert-butylphenyl)amine pincer ligand. <i>Chemical Communications</i> , 2017, 53, 2764-2767. | 4.1 | 29 |
| 27 | Cobalt(III) complexes with 2-acetylpyridine-derived Schiff bases: Studies investigating ligand release upon reduction. <i>Polyhedron</i> , 2017, 124, 86-95. | 2.2 | 20 |
| 28 | Electronic structure elucidation in oxidized metal ^{II} -salen complexes. <i>Coordination Chemistry Reviews</i> , 2017, 352, 67-82. | 18.8 | 83 |
| 29 | Multi-target-directed phenol ^{II} -triazole ligands as therapeutic agents for Alzheimer's disease. <i>Chemical Science</i> , 2017, 8, 5636-5643. | 7.4 | 79 |
| 30 | Low energy cyclotron production and cyclometalation chemistry of iridium-192. <i>Applied Radiation and Isotopes</i> , 2016, 115, 81-86. | 1.5 | 1 |
| 31 | Multifunctional quinoline-triazole derivatives as potential modulators of amyloid- β^2 peptide aggregation. <i>Journal of Inorganic Biochemistry</i> , 2016, 158, 131-138. | 3.5 | 25 |
| 32 | Electronic Structure Evaluation of an Oxidized Tris(methoxy)-Substituted Ni Salen Complex. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 49-55. | 2.0 | 13 |
| 33 | The structure of a one-electron oxidized Mn(III)-bis(phenolate)dipyrrin radical complex and oxidation catalysis control via ligand-centered redox activity. <i>Dalton Transactions</i> , 2016, 45, 16325-16334. | 3.3 | 25 |
| 34 | Synthesis and electronic structure determination of uranium(^{vi}) ligand radical complexes. <i>Dalton Transactions</i> , 2016, 45, 12576-12586. | 3.3 | 30 |
| 35 | Tuning Electronic Structure To Control Manganese Nitride Activation. <i>Journal of the American Chemical Society</i> , 2016, 138, 15299-15302. | 13.7 | 56 |
| 36 | Electronic Structure Description of a Doubly Oxidized Bimetallic Cobalt Complex with Proradical Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 762-774. | 4.0 | 30 |

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|----|---|-----|-----------|
| 37 | A sheet structured MOF magnet: Poly[(1,10-phenanthroline)tetrakis(imidazolato)diiron(II)]. <i>Polyhedron</i> , 2016, 108, 80-86. | 2.2 | 0 |
| 38 | Partial conversion of thioamide into nitrile in a copper(II) complex of 2,6-diacetylpyridine bis(thiosemicarbazone), a drug prototype for Alzheimer's disease. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 430-434. | 0.5 | 4 |
| 39 | Influence of Electron-Withdrawing Substituents on the Electronic Structure of Oxidized Ni and Cu Salen Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 5970-5980. | 4.0 | 71 |
| 40 | Pyridonate-Supported Titanium(III). Benzylamine as an Easy-To-Use Reductant. <i>Organometallics</i> , 2015, 34, 4941-4945. | 2.3 | 10 |
| 41 | Modulation of the A β peptide aggregation pathway by KP1019 limits A β -associated neurotoxicity. <i>Metallomics</i> , 2015, 7, 129-135. | 2.4 | 37 |
| 42 | Detailed Geometric and Electronic Structures of a One-Electron-Oxidized Ni Salophen Complex and Its Amido Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3479-3487. | 2.0 | 19 |
| 43 | A Copper Complex of a Noninnocent Iminophenol ϵ Amidopyridine Hybrid Ligand: Synthesis, Characterization, and Aerobic Alcohol Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6066-6074. | 2.0 | 38 |
| 44 | Tuning ligand electronics and peripheral substitution on cobalt salen complexes: structure and polymerisation activity. <i>Dalton Transactions</i> , 2014, 43, 4295-4304. | 3.3 | 66 |
| 45 | Fe ^{III} Bipyrridine Phenoxide Complexes and Their Oxidized Analogues. <i>Inorganic Chemistry</i> , 2014, 53, 5810-5819. | 4.0 | 14 |
| 46 | The chemistry and applications of multimetallic salen complexes. <i>Dalton Transactions</i> , 2014, 43, 9380. | 3.3 | 134 |
| 47 | Influence of Ligand Flexibility on the Electronic Structure of Oxidized Ni ^{III} -Phenoxide Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 10195-10202. | 4.0 | 33 |
| 48 | 8-Hydroxyquinoline Schiff-base compounds as antioxidants and modulators of copper-mediated A β peptide aggregation. <i>Journal of Inorganic Biochemistry</i> , 2014, 139, 106-116. | 3.5 | 76 |
| 49 | Synthesis, characterization, and biological studies of emissive rhenium ϵ glutamine conjugates. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 831-844. | 2.6 | 18 |
| 50 | Double oxidation localizes spin in a Ni bis-phenoxy radical complex. <i>Dalton Transactions</i> , 2013, 42, 3950. | 3.3 | 31 |
| 51 | Synthesis, characterization and catalytic activity of copper(ii) complexes containing a redox-active benzoxazole iminosemiquinone ligand. <i>Dalton Transactions</i> , 2013, 42, 6829. | 3.3 | 53 |
| 52 | 2-Fluoropyridine prosthetic compounds for the ¹⁸ F labeling of bombesin analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3920-3926. | 2.2 | 14 |
| 53 | Class ϵ ...III Delocalization and Exciton Coupling in a Bimetallic Bis ϵ ligand Radical Complex. <i>Chemistry - A European Journal</i> , 2013, 19, 9606-9618. | 3.3 | 32 |
| 54 | Multifunctional Ligands in Medicinal Inorganic Chemistry- Current Trends and Future Directions. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 122-144. | 2.1 | 23 |

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|----|--|-----|-----------|
| 55 | Dual-function triazole-pyridine derivatives as inhibitors of metal-induced amyloid- β^2 aggregation. <i>Metallomics</i> , 2012, 4, 910. | 2.4 | 58 |
| 56 | New Insights into the Electronic Structure and Reactivity of One-Electron Oxidized Copper(II)-(Disalicylidene)diamine Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 12450-12461. | 4.0 | 71 |
| 57 | Ligand-Centered Redox Activity in Cobalt(II) and Nickel(II) Bis(phenolate)-Dipyrrin Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 14590-14593. | 3.3 | 52 |
| 58 | Radical Localization in a Series of Symmetric Ni ^{II} Complexes with Oxidized Salen Ligands. <i>Chemistry - A European Journal</i> , 2012, 18, 14117-14127. | 3.3 | 76 |
| 59 | Cyclopentadienyl chromium diimine and pyridine-imine complexes: ligand-based radicals and metal-based redox chemistry. <i>Dalton Transactions</i> , 2012, 41, 7920. | 3.3 | 13 |
| 60 | Non-innocent ligand behaviour of a bimetallic Cu complex employing a bridging catecholate. <i>Dalton Transactions</i> , 2012, 41, 7905. | 3.3 | 13 |
| 61 | Sulfonyl Fluoride-Based Prosthetic Compounds as Potential ¹⁸ F Labelling Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 11079-11087. | 3.3 | 71 |
| 62 | Synthesis of Rhenium(I) Tricarbonyl Complexes with Carbohydrate-Pendant Tridentate Ligands and Their Cellular Uptake. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 217-225. | 2.0 | 10 |
| 63 | Merging the chemistry of electron-rich olefins with imidazolium ionic liquids: radicals and hydrogen-atom adducts. <i>Chemical Science</i> , 2011, 2, 2173. | 7.4 | 17 |
| 64 | Controlled Radical Polymerization of Vinyl Acetate Mediated by a Bis(imino)pyridine Vanadium Complex. <i>Macromolecules</i> , 2011, 44, 4072-4081. | 4.8 | 33 |
| 65 | Non-Innocent Ligand Behavior of a Bimetallic Ni Schiff-Base Complex Containing a Bridging Catecholate. <i>Inorganic Chemistry</i> , 2011, 50, 6746-6755. | 4.0 | 44 |
| 66 | Sulfanyl stabilization of copper-bonded phenoxyls in model complexes and galactose oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18600-18605. | 7.1 | 66 |
| 67 | N-Aryl-substituted 3-(β -D-glucopyranosyloxy)-2-methyl-4(1H)-pyridinones as agents for Alzheimer's therapy. <i>Chemical Science</i> , 2011, 2, 642-648. | 7.4 | 65 |
| 68 | Influence of the chelate effect on the electronic structure of one-electron oxidized group 10 metal(ii)-(disalicylidene)diamine complexes. <i>Dalton Transactions</i> , 2011, 40, 2469. | 3.3 | 95 |
| 69 | Ligand Radical Localization in a Nonsymmetric One-Electron Oxidized Ni ^{II} Bis(phenoxide) Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 8980-8983. | 3.3 | 65 |
| 70 | Cationic technetium and rhenium complexes with pendant carbohydrates. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1087-1093. | 1.5 | 19 |
| 71 | In vitro studies of 3-hydroxy-4-pyridinones and their glycosylated derivatives as potential agents for Alzheimer's disease. <i>Dalton Transactions</i> , 2010, 39, 1604-1615. | 3.3 | 49 |
| 72 | Phthalocyanine as a Chemically Inert, Redox-Active Ligand: Structural and Electronic Properties of a Nb(IV)-Oxo Complex Incorporating a Highly Reduced Phthalocyanine(4 \hat{a}) Anion. <i>Inorganic Chemistry</i> , 2010, 49, 3343-3350. | 4.0 | 67 |

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|----|---|------|-----------|
| 73 | Detailed Evaluation of the Geometric and Electronic Structures of One-Electron Oxidized Group 10 (Ni, Pd, and Pt) Metal(II)-(Disalicylidene)diamine Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 8383-8392. | 4.0 | 123 |
| 74 | Labeling of an Antisense Oligonucleotide with [18F]FPy5yne. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2009, 28, 1131-1143. | 1.1 | 29 |
| 75 | Glycosylated tetrahydroalens as multifunctional molecules for Alzheimer's therapy. <i>Dalton Transactions</i> , 2009, , 3034. | 3.3 | 41 |
| 76 | Synthesis, characterization and copper chemistry of a non-symmetric phenanthroline ligand: 2-Methyl-9-(3,5-dimethyl-N-pyrazolylmethyl)-1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , 2008, 361, 1142-1148. | 2.4 | 3 |
| 77 | Defining the Electronic and Geometric Structure of One-Electron Oxidized Copper ^{II} -Bis-phenoxide Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 15448-15459. | 13.7 | 162 |
| 78 | Synthesis, Characterization, and Metal Coordinating Ability of Multifunctional Carbohydrate-Containing Compounds for Alzheimer's Therapy. <i>Journal of the American Chemical Society</i> , 2007, 129, 7453-7463. | 13.7 | 141 |
| 79 | Synthesis of Neutral Spin-Delocalized Electron Acceptors for Multifunctional Materials. <i>Organic Letters</i> , 2007, 9, 4781-4783. | 4.6 | 21 |
| 80 | Combating Alzheimer's Disease With Multifunctional Molecules Designed for Metal Passivation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1716-1718. | 13.8 | 107 |
| 81 | The Geometric and Electronic Structure of a One-Electron-Oxidized Nickel(II) Bis(salicylidene)diamine Complex. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5198-5201. | 13.8 | 166 |
| 82 | Design of targeting ligands in medicinal inorganic chemistry. <i>Chemical Society Reviews</i> , 2006, 35, 534. | 38.1 | 288 |
| 83 | Carbohydrate-Appended 3-Hydroxy-4-pyridinone Complexes of the [M(CO) ₃] ⁺ Core (M = Re, ^{99m} Tc,) Tj ETQq1 1 0,784314 rgBT /Ovelde | 3.6 | 93 |
| 84 | Synthesis and characterization of dual function vanadyl, gallium and indium curcumin complexes for medicinal applications. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2217-2225. | 3.5 | 140 |
| 85 | Ru(II) Complexes of Edta and Dtpa Polyaminocarboxylate Analogues and Their Use as Nitric Oxide Scavengers. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2685-2697. | 2.0 | 24 |
| 86 | Novel Carbohydrate-Appended Metal Complexes for Potential Use in Molecular Imaging. <i>Chemistry - A European Journal</i> , 2005, 11, 195-203. | 3.3 | 61 |
| 87 | A glucosamine ⁶⁶ -dipicolylamine conjugate of ^{99m} Tc(i) and ¹⁸⁶ Re(i) for use in imaging and therapy. <i>Dalton Transactions</i> , 2005, , 654-655. | 3.3 | 66 |
| 88 | Carbohydrate-Appended 2,2 ⁶⁶ -Dipicolylamine Metal Complexes as Potential Imaging Agents. <i>Inorganic Chemistry</i> , 2005, 44, 2698-2705. | 4.0 | 75 |
| 89 | Carbohydrate Conjugates for Molecular Imaging and Radiotherapy: ^{99m} Tc(I) and ¹⁸⁶ Re(I) Tricarbonyl Complexes of N-(2 ⁶⁶ -Hydroxybenzyl)-2-amino-2-deoxy-d-glucose. <i>Bioconjugate Chemistry</i> , 2004, 15, 923-926. | 3.6 | 80 |
| 90 | Vanadyl ⁶⁶ -Thiazolidinedione Combination Agents for Diabetes Therapy. <i>Bioconjugate Chemistry</i> , 2003, 14, 212-221. | 3.6 | 45 |

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|----|---|-----|-----------|
| 91 | Synthesis and Solution Studies of the Complexes of Trivalent Lanthanides with the Tetraazamacrocycle TETA-(PO) ₂ . <i>Inorganic Chemistry</i> , 2002, 41, 685-692. | 4.0 | 18 |