# Carola Schulzke

List of Publications by Year
in descending order

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|---|---|---|---|
| 175 papers | 4,071 citations | 126907 33 h-index | 168389 53 g-index |
| 198 all docs | 198 docs citations | 198 times ranked | 3637 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Oxidative Addition of Ammonia at a Silicon(II) Center and an Unprecedented Hydrogenation Reaction of Compounds with Low-Valent Group 14 Elements Using Ammonia Borane. Journal of the American Chemical Society, 2009, 131, 4600-4601. | 13.7 | 178 |
| 2 | The medicinal and catalytic potential of model complexes of vanadate-dependent haloperoxidases. Coordination Chemistry Reviews, 2003, 237, 53-63. | 18.8 | 168 |
| 3 | A Remarkable Baseâ€Stabilized Bis(silylene) with a Silicon(I)â€“Silicon(I) Bond. Angewandte Chemie - International Edition, 2009, 48, 8536-8538. | 13.8 | 158 |
| 4 | Selective Aromatic Câˆ’F and Câˆ’H Bond Activation with Silylenes of Different Coordinate Silicon. Journal of the American Chemical Society, 2010, 132, 10164-10170. | 13.7 | 116 |
| 5 | Dioxoâ€•and Oxovanadium(V) Complexes of Biomimetic Hydrazone ONO Donor Ligands: Synthesis, Characterisation, and Reactivity. European Journal of Inorganic Chemistry, 2001, 2001, 779-788. | 2.0 | 113 |
| 6 | Kumadaâ€“Corriu Crossâ€Couplings with 2â€Pyridyl Grignard Reagents. Chemistry - A European Journal, 2010, 16, 3300-3303. | 3.3 | 108 |
| 7 | Reactions of Tin(II) Hydride Species with Unsaturated Molecules. Angewandte Chemie - International Edition, 2009, 48, 1106-1109. | 13.8 | 91 |
| 8 | Engineering the Active Site of the Amine Transaminase from Vibrio fluvialis for the Asymmetric Synthesis of Arylâ€“Alkyl Amines and Amino Alcohols. ChemCatChem, 2015, 7, 757-760. | 3.7 | 91 |
| 9 | Wellâ€Defined Airâ€Stable Palladium HASPO Complexes for Efficient Kumadaâ€“Corriu Crossâ€Couplings of (Hetero)Aryl or Alkenyl Tosylates. Chemistry - A European Journal, 2011, 17, 2965-2971. | 3.3 | 79 |
| 10 | Air-Stable Secondary Phosphine Oxide or Chloride (Pre)Ligands for Cross-Couplings of Unactivated Alkyl Chlorides. Organic Letters, 2010, 12, 2298-2301. | 4.6 | 76 |
| 11 | Reactivity of germanium(II) hydride with nitrous oxide, trimethylsilyl azide, ketones, and alkynes and the reaction of a methyl analogue with trimethylsilyl diazomethane. Dalton Transactions, 2010, 39, 132-138. | 3.3 | 73 |
| 12 | Reactions of Stable Amidinate Chlorosilylene and [1+4]â€Oxidative Addition of Nâ€Heterocyclic Silylene with Nâ€Benzylideneaniline. European Journal of Inorganic Chemistry, 2011, 2011, 5006-5013. | 2.0 | 67 |
| 13 | Emission spectroscopy of uranium(iv) compounds: a combined synthetic, spectroscopic and computational study. RSC Advances, 2013, 3, 4350. | 3.6 | 57 |
| 14 | Sulfido and Cysteine Ligation Changes at the Molybdenum Cofactor during Substrate Conversion by Formate Dehydrogenase (FDH) from Rhodobacter capsulatus. Inorganic Chemistry, 2015, 54, 3260-3271. | 4.0 | 57 |
| 15 | Molybdenum and Tungsten Oxidoreductase Models. European Journal of Inorganic Chemistry, 2011, 2011, 1189-1199. | 2.0 | 55 |
| 16 | Janus-Faced Aluminum: A Demonstration of Unique Lewis Acid and Lewis Base Behavior of the Aluminum Atom in [LAlB(C6F5)3]. Angewandte Chemie - International Edition, 2005, 44, 7072-7074. | 13.8 | 54 |
| 17 | The Unusual Stability of Homoleptic Di- and Tetravalent Chromium Alkyls. Organometallics, 2002, 21, 3810-3816. | 2.3 | 51 |
| 18 | Pd/PTABS: Catalyst for Room Temperature Amination of Heteroarenes. Organic Letters, 2018, 20, 473-476. | 4.6 | 49 |

| # | Article | IF | Citations |
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| 19 | Phenalenylâ€Based Organozinc Catalysts for Intramolecular Hydroamination Reactions: A Combined Catalytic, Kinetic, and Mechanistic Investigation of the Catalytic Cycle. Chemistry - A European Journal, 2012, 18, 10530-10545. | 3.3 | 48 |
| 20 | Water and bromide in the active center of vanadate-dependent haloperoxidases. Journal of Inorganic Biochemistry, 2000, 80, 115-121. | 3.5 | 46 |
| 21 | Facile Access of Stable Divalent Tin Compounds with Terminal Methyl, Amide, Fluoride, and Iodide Substituents. Inorganic Chemistry, 2009, 48, 193-197. | 4.0 | 44 |
| 22 | N-Heterocyclic Carbene Stabilized Dichlorosilaimine IPrÂ·Cl<sub>2</sub>Siâ•NR. Organometallics, 2010, 29, 6329-6333. | 2.3 | 44 |
| 23 | Identification of a Bis-molybdopterin Intermediate in Molybdenum Cofactor Biosynthesis in Escherichia coli. Journal of Biological Chemistry, 2013, 288, 29736-29745. | 3.4 | 43 |
| 24 | Structure of the Molybdenum Site in YedY, a Sulfite Oxidase Homologue from Escherichia coli. Inorganic Chemistry, 2011, 50, 741-748. | 4.0 | 42 |
| 25 | Insertion Reaction of a Silylene into a Nâ”H Bond of Hydrazine and a [1+4] Cycloaddition with Diphenyl Hydrazone. Organometallics, 2009, 28, 6574-6577. | 2.3 | 40 |
| 26 | Water-Soluble Pdâ€“Imidate Complexes: Broadly Applicable Catalysts for the Synthesis of Chemically Modified Nucleosides via Pd-Catalyzed Cross-Coupling. Journal of Organic Chemistry, 2016, 81, 2713-2729. | 3.2 | 39 |
| 27 | Synthesis, characterization, antioxidant and selective xanthine oxidase inhibitory studies of transition metal complexes of novel amino acid bearing Schiff base ligand. Inorganica Chimica Acta, 2015, 428, 117-126. | 2.4 | 38 |
| 28 | Hydrostannylation of Ketones and Alkynes with LSnH [L = HC(CMeNAr)2, Ar = 2,6-iPr2C6H3]. Inorganic Chemistry, 2009, 48, 9543-9548. | 4.0 | 37 |
| 29 | Novel water-soluble phosphatriazenes: versatile ligands for Suzukiâ€“Miyaura, Sonogashira and Heck reactions of nucleosides. RSC Advances, 2016, 6, 83820-83830. | 3.6 | 37 |
| 30 | Reaction of Tin(II) Hydride with Compounds Containing Aromatic Câ”F Bonds. Organometallics, 2010, 29, 4837-4841. | 2.3 | 36 |
| 31 | Synthesis of Cu-catalysed quinazolinones using a C<sub>sp3</sub>â€“H functionalisation/cyclisation strategy. Organic and Biomolecular Chemistry, 2017, 15, 7140-7146. | 2.8 | 36 |
| 32 | Bromine K-edge EXAFS studies of bromide binding to bromoperoxidase fromAscophyllum nodosum. FEBS Letters, 1999, 457, 237-240. | 2.8 | 35 |
| 33 | Temperature dependent electrochemical investigations of molybdenum and tungsten oxobisdithiolene complexes. Dalton Transactions, 2005, , 713. | 3.3 | 35 |
| 34 | Endâ€On Nitrogen Insertion of a Diazo Compound into a Germanium(II) Hydrogen Bond and a Comparable Reaction with Diethyl Azodicarboxylate. Angewandte Chemie - International Edition, 2009, 48, 4246-4248. | 13.8 | 35 |
| 35 | Addition of Dimethylaminobismuth to Aldehydes, Ketones, Alkenes, and Alkynes. Angewandte Chemie - International Edition, 2009, 48, 4517-4520. | 13.8 | 35 |
| 36 | Stepwise Reversible Oxidation of N-Peralkyl-Substituted NHCâ€“CAAC Derived Triazaalkenes: Isolation of Radical Cations and Dications. Organic Letters, 2017, 19, 5605-5608. | 4.6 | 34 |

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| 37 | Facile Access of Well-Defined Stable Divalent Lead Compounds with Small Organic Substituents. Organometallics, 2009, 28, 2563-2567. | 2.3 | 33 |
| 38 | Stable Compounds of Composition LGe(II)R (R = OH, PhO, C6F5O, PhCO2) Prepared by Nucleophilic Addition Reactions. Organometallics, 2009, 28, 3763-3766. | 2.3 | 32 |
| 39 | Pd/PTABS: Low Temperature Etherification of Chloroheteroarenes. Journal of Organic Chemistry, 2018, 83, 13088-13102. | 3.2 | 32 |
| 40 | Models for Vanadate-Dependent Haloperoxidases: Vanadium Complexes withO4N-Donor Sets. Chemische Berichte, 1997, 130, 651-657. | 0.2 | 30 |
| 41 | Vanadium(IV and V) Complexes ContainingSNO (Dithiocarbonylhydrazone; Thiosemicarbazone) Donor Sets. European Journal of Inorganic Chemistry, 2001, 2001, 935-942. | 2.0 | 30 |
| 42 | Synthesis of a Lewis Base Stabilized Dimer of N-Substituted Hydrosila Hydrazone and a Silaaziridine. Organometallics, 2011, 30, 912-916. | 2.3 | 29 |
| 43 | Photoactivation of Diiodidoâ€“Pt(IV) Complexes Coupled to Upconverting Nanoparticles. Molecular Pharmaceutics, 2016, 13, 2346-2362. | 4.6 | 29 |
| 44 | Substrate binding to vanadate-dependent bromoperoxidase from Ascophyllum nodosum: A vanadium K-edge XAS approachElectronic supplementary information (ESI) available: Figure S1: Unit cells of compounds 3 and 7a, showing intermolecular hydrogen bonding. See http://www.rsc.org/suppdata/dt/b4/b405764c/. Dalton Transactions, 2004, , 2534. | 3.3 | 28 |
| 45 | Synthesis and Reaction of Monomeric Germanium(II) and Lead(II) Dimethylamide and the Synthesis of Germanium(II) Hydrazide by Clevage of one Nâ^'H bond of Hydrazine. Inorganic Chemistry, 2010, 49, 5554-5559. | 4.0 | 28 |
| 46 | Thiocyanate Complexes of Uranium in Multiple Oxidation States: A Combined Structural, Magnetic, Spectroscopic, Spectroelectrochemical, and Theoretical Study. Inorganic Chemistry, 2014, 53, 8624-8637. | 4.0 | 28 |
| 47 | Pd/PTABS: Low-Temperature Thioetherification of Chloro(hetero)arenes. Journal of Organic Chemistry, 2019, 84, 8921-8940. | 3.2 | 28 |
| 48 | Tungsten's redox potential is more temperature sensitive than that of molybdenum. Dalton Transactions, 2010, 39, 5623. | 3.3 | 27 |
| 49 | A rational design for an efficient synthesis of a monomeric tin(ii) hydroxide. Chemical Communications, 2010, 46, 707-709. | 4.1 | 26 |
| 50 | Ï€-Rich Ïƒ<sup>2</sup>P-Heterocycles: Bent Î·<sup>1</sup>-P- and Î¼<sup>2</sup>-P-Coordinated 1,3-Benzazaphosphole Copper(I) Halide Complexes. Inorganic Chemistry, 2015, 54, 2117-2127. | 4.0 | 26 |
| 51 | CAACâ€Based Thiele and Schlenk Hydrocarbons. Angewandte Chemie - International Edition, 2020, 59, 6729-6734. | 13.8 | 26 |
| 52 | Synthesis of phosphine substituted Î²-diketiminate based isomeric Ge(ii) complexes. Dalton Transactions, 2010, 39, 234-238. | 3.3 | 25 |
| 53 | Selective palladium-catalysed arylation of 2,6-dibromopyridine using N-heterocyclic carbene ligands. RSC Advances, 2015, 5, 53073-53085. | 3.6 | 25 |
| 54 | Facile synthesis of dichlorosilane by metathesis reaction and dehydrogenation of dihydrogermane by a frustrated Lewis pair. Dalton Transactions, 2010, 39, 6217. | 3.3 | 24 |

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| 55 | Urease and Î±-chymotrypsin inhibitory activities of transition metal complexes of new Schiff base ligand: Kinetic and thermodynamic studies of the synthesized complexes using TGâ€“DTA pyrolysis. Thermochimica Acta, 2013, 562, 22-28. | 2.7 | 24 |
| 56 | Pentathiepins: A Novel Class of Glutathione Peroxidase 1 Inhibitors that Induce Oxidative Stress, Loss of Mitochondrial Membrane Potential and Apoptosis in Human Cancer Cells. ChemMedChem, 2020, 15, 1515-1528. | 3.2 | 24 |
| 57 | Which functional groups of the molybdopterin ligand should be considered when modeling the active sites of the molybdenum and tungsten cofactors? A density functional theory study. Journal of Biological Inorganic Chemistry, 2009, 14, 1053-1064. | 2.6 | 23 |
| 58 | A Tripyrrolylmethane-Based Macrobicyclic Triazacryptand: X-ray Structure, Size-Selective Anion Binding, and Fluoride-Ion-Mediated Protonâ€“Deuterium Exchange Studies. Inorganic Chemistry, 2012, 51, 11635-11644. | 4.0 | 23 |
| 59 | Synthesis of Novel Polyazacryptands for Recognition of Tetrahedral Oxoanions and Their X-ray Structures. Inorganic Chemistry, 2013, 52, 6427-6439. | 4.0 | 23 |
| 60 | Synthesis and Characterization of Nâ€heterocyclic Carbene Complexes of Titanium(IV) and Titanium(III)Â. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 511-514. | 1.2 | 22 |
| 61 | Preparation of iron carbonyl complexes of germanium(II) and tin(II) each with a terminal fluorine atom. Journal of Fluorine Chemistry, 2010, 131, 1096-1099. | 1.7 | 21 |
| 62 | Efficient synthesis of coumarin-based tetra and pentacyclic rings using phospha-palladacycles. RSC Advances, 2013, 3, 20905. | 3.6 | 21 |
| 63 | Pincer CNC bis-N-heterocyclic carbenes: robust ligands for palladium-catalysed Suzukiâ€“Miyaura arylation of bromoanthracene and related substrates. Organic Chemistry Frontiers, 2015, 2, 1397-1410. | 4.5 | 21 |
| 64 | Alkyne-niobium(I) complexes with functionalized alkynes: synthesis, structure and reactivity. Journal of Organometallic Chemistry, 1995, 498, 29-35. | 1.8 | 20 |
| 65 | A Crystallographic and Mo K-Edge XAS Study of Molybdenum Oxo Bis-, Mono-, and Non-Dithiolene Complexes - First-Sphere Coordination Geometry and Noninnocence of Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 4387-4399. | 2.0 | 20 |
| 66 | Synthesis, characterization and distinct butyrylcholinesterase activities of transition metal complexes of 2-[(E)-(quinolin-3-ylimino)methyl]phenol. Inorganica Chimica Acta, 2012, 390, 210-216. | 2.4 | 20 |
| 67 | Ï€-Excess aromatic Ïƒ<sup>2</sup>-P ligands: synthesis and structure of an unprecedented Î¼<sup>2</sup>-P-1,3-benzazaphosphole bridged tetranuclear copper(<scp>i</scp>) acetate complex. Dalton Transactions, 2015, 44, 1769-1774. | 3.3 | 19 |
| 68 | Synthesis, characterization and oxygen atom transfer reactivity of a pair of Mo(<scp>iv</scp>)O- and Mo(<scp>vi</scp>)O<sub>2</sub>-enedithiolate complexes â€“ a look at both ends of the catalytic transformation. Dalton Transactions, 2017, 46, 7523-7533. | 3.3 | 19 |
| 69 | Structural, Electrochemical, and Theoretical Investigations of New Thio- and Selenoether Complexes of Molybdenum and Tungsten. European Journal of Inorganic Chemistry, 2006, 2006, 628-637. | 2.0 | 18 |
| 70 | Structural, electrochemical and oxygen atom transfer properties of a molybdenum selenoether complex [Mo2O4(OC3H6SeC3H6O)2] and its thioether analogue [Mo2O4(OC3H6SC3H6O)2]. Dalton Transactions, 2007, , 1773. | 3.3 | 18 |
| 71 | A paddle wheel dinuclear Copper(II) carboxylate: Crystal structure, thermokinetic and magnetic properties. Journal of Molecular Structure, 2019, 1196, 754-759. | 3.6 | 18 |
| 72 | Activation of Aromatic Câ‹¯F Bonds by a Nâ€Heterocyclic Olefin (NHO). Chemistry - A European Journal, 2020, 26, 5951-5955. | 3.3 | 18 |

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| 73 | Assembly of NHC-stabilized 2-hydrophosphasilenes from Si(<scp>iv</scp>) precursors: a Lewis acidâ€“base complex. Dalton Transactions, 2016, 45, 19290-19298. | 3.3 | 17 |
| 74 | Synthesis, crystal structure, DNA binding and molecular docking studies of zinc(II) carboxylates. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 190, 368-377. | 3.9 | 17 |
| 75 | Influence of N-Substitution on the Formation and Oxidation of NHCâ€“CAAC-Derived Triazaalkenes. Journal of Organic Chemistry, 2019, 84, 8899-8909. | 3.2 | 17 |
| 76 | Synthesis, structures and oxygen atom transfer catalysis of oxo-bridged molybdenum(V) complexes with heterocyclic bidentate ligands (N,X) X=S, Se. Polyhedron, 2007, 26, 5497-5505. | 2.2 | 16 |
| 77 | Synthesis, structure and photophysical properties of [UO<sub>2</sub>X<sub>2</sub>(Oî€PPh<sub>3</sub>)<sub>2</sub>] (X = Cl, Br, I). Dalton Transactions, 2014, 43, 1125-1131. | 3.3 | 16 |
| 78 | Threeâ€Component Aminoalkylations Yielding Dihydronaphthoxazineâ€Based Sirtuin Inhibitors: Scaffold Modification and Exploration of Space for Polar Sideâ€Chains. Archiv Der Pharmazie, 2017, 350, e1700097. | 4.1 | 16 |
| 79 | Palladacycle-Catalyzed Triple Suzuki Coupling Strategy for the Synthesis of Anthracene-Based OLED Emitters. ACS Omega, 2017, 2, 3144-3156. | 3.5 | 16 |
| 80 | Tethered CAACâ€“CAAC dimers: oxidation to persistent radical cations and bridging-unit dependent reactivity/stability of the dications. Chemical Communications, 2021, 57, 1210-1213. | 4.1 | 16 |
| 81 | An Efficient Route for the Synthesis of a Tin(II) Substituted Carbodiimide from a Diazo Compound. Inorganic Chemistry, 2010, 49, 3461-3464. | 4.0 | 14 |
| 82 | Fingerprinting the oxidation state of U(iv) by emission spectroscopy. Dalton Transactions, 2013, 42, 14677. | 3.3 | 14 |
| 83 | Câ€C Bond Formation: Synthesis of C5 Substituted Pyrimidine and C8 Substituted Purine Nucleosides Using Water Soluble Pdâ€imidate Complex. Current Protocols in Nucleic Acid Chemistry, 2016, 65, 1.37.1-1.37.15. | 0.5 | 14 |
| 84 | Temperature dependent electrochemistryâ€”a versatile tool for investigations of biology related topics. Dalton Transactions, 2009, , 6683. | 3.3 | 13 |
| 85 | Pd/PTABS: An Efficient Waterâ€Soluble Catalytic System for the Amination of 6â€Chloropurine Ribonucleoside and Synthesis of Alogliptin. Current Protocols in Nucleic Acid Chemistry, 2018, 74, e58. | 0.5 | 13 |
| 86 | Versatility of the bis(iminopyrrolylmethyl)amine ligand: tautomerism, protonation, helical chirality, and the secondary coordination sphere with halogen bonds in the formation of copper(<scp>ii</scp>) and nickel(<scp>ii</scp>) complexes. Dalton Transactions, 2020, 49, 13840-13853. | 3.3 | 13 |
| 87 | Disclosing Cyclic(Alkyl)(Amino)Carbenes as Oneâ€Electron Reductants: Synthesis of Acyclic(Amino)(Aryl)Carbeneâ€Based KekulÃ© Diradicaloids. Chemistry - A European Journal, 2022, 28, . | 3.3 | 13 |
| 88 | The unexpected and facile molybdenum mediated formation of tri- and tetracyclic pentathiepins from pyrazine-alkynes and sulfur. Chemical Communications, 2013, 49, 4343-4345. | 4.1 | 12 |
| 89 | Selective Capture of Ni2+Ions by Naphthalene- and Coumarin-Substituted Dithiolenes. European Journal of Inorganic Chemistry, 2016, 2016, 208-218. | 2.0 | 12 |
| 90 | Selectively detecting Hg2+ â€“ A â€œmercury quick testâ€•with bis-(coumarinâ€“dithiolene) niccolate. Inorganica Chimica Acta, 2016, 445, 149-154. | 2.4 | 12 |

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| 91 | Neutral and anionic phosphate-diesters as molecular templates for the encapsulation of a water dimer. Chemical Communications, 2018, 54, 11913-11916. | 4.1 | 12 |
| 92 | Perfluorinated oxygen- and sulfur-containing compounds as extractants for gold(III). Gold Bulletin, 2011, 44, 79-83. | 2.4 | 11 |
| 93 | Photochemical Unmasking of 1,3â€Dithiolâ€2â€ones: An Alternative Route to Heteroleptic Dithiolene Complexes from Lowâ€Valent Molybdenum and Tungsten Precursors. European Journal of Inorganic Chemistry, 2019, 2019, 2796-2805. | 2.0 | 11 |
| 94 | N,Nâ€²â€Ethyleneâ€Bridged Bisâ€2â€Arylâ€Pyrrolinium Cations to Eâ€Diaminoalkenes: Nonâ€Identical Stepwise Reversible Doubleâ€Redox Coupled Bond Activation Reactions. Chemistry - A European Journal, 2020, 26, 4425-4431. | 3.3 | 11 |
| 95 | Synthesis, characterization, antioxidant, antileishmanial, anticancer, DNA and theoretical SARS-CoV-2 interaction studies of copper(II) carboxylate complexes. Journal of Molecular Structure, 2022, 1253, 132308. | 3.6 | 11 |
| 96 | Phenalenyl-based ligand for transition metal chemistry: Application in Henry reaction. Journal of Chemical Sciences, 2011, 123, 139-144. | 1.5 | 10 |
| 97 | Synthesis, Structure and Redox Properties of Asymmetric (Cyclopentadienyl)(eneâ€1,2â€dithiolate)cobalt(III) Complexes Containing Phenyl, Pyridyl and Pyrazinyl Units. European Journal of Inorganic Chemistry, 2015, 2015, 3550-3561. | 2.0 | 10 |
| 98 | Î-Rich Ïƒ2P-Ligands: Unusual Coordination Behavior of 1H-1,3-Benzazaphospholes Toward Late Transition Metals. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 806-815. | 1.6 | 10 |
| 99 | 2,6-(Diphenylmethyl)-Aryl-Substituted Neutral and Anionic Phosphates: Approaches to H-Bonded Dimeric Molecular Structures. ChemistrySelect, 2017, 2, 8898-8910. | 1.5 | 10 |
| 100 | Syntheses, crystal structures and DNA binding potential of copper(II) carboxylates. Journal of Molecular Structure, 2019, 1196, 771-782. | 3.6 | 10 |
| 101 | Comparison of molybdenum and rhenium oxo bis-pyrazine-dithiolene complexes â€“ in search of an alternative metal centre for molybdenum cofactor models. Dalton Transactions, 2019, 48, 2701-2714. | 3.3 | 10 |
| 102 | Monoâ€oxoâ€bisâ€dithioveratrolâ€molybdate â€“ in Solution a Model for Arsenite Oxidase and in the Solid State a Coordination Polymer with Unprecedented Binding Motifs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1552-1558. | 1.2 | 9 |
| 103 | Synthesis and structural characterization of anion complexes with azacalix[2]dipyrrolylmethane: effect of anion charge on the conformation of the macrocycle. Dalton Transactions, 2016, 45, 11781-11790. | 3.3 | 9 |
| 104 | Twisted Pushâ€“Pull Alkenes Bearing Geminal Cyclicdiamino and Difluoroaryl Substituents. Journal of Organic Chemistry, 2021, 86, 12683-12692. | 3.2 | 9 |
| 105 | A cyanohydridoboratoâ€“vanadium(II) complex, trans-[V(NCBH3)2(thf)4]. Inorganic Chemistry Communication, 2000, 3, 300-302. | 3.9 | 8 |
| 106 | Ïƒ<sup>2</sup>P,Oâ€Hybrid Ligands: Synthesis of the First 4â€Hydroxyâ€1,3â€benzazaphospholes by orthoâ€Lithiation of mâ€Amidophenyl Diethyl Phosphates. European Journal of Inorganic Chemistry, 2014, 2014, 5958-5968. | 2.0 | 8 |
| 107 | Ï€-Excess aromatic Ïƒ2P ligands: Unprecedented reductive Câ€“C coupling of neopentylbenzazaphosphole at the PCHâ€“N group by Fe3(CO)12 to an heterocyclic 1,2-bis(phosphido)-Fe2(CO)6 complex. Journal of Organometallic Chemistry, 2015, 776, 60-63. | 1.8 | 8 |
| 108 | An Asymmetrically Substituted Aliphatic Bis-Dithiolene Mono-Oxido Molybdenum(IV) Complex With Ester and Alcohol Functions as Structural and Functional Active Site Model of Molybdoenzymes. Frontiers in Chemistry, 2019, 7, 486. | 3.6 | 8 |

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| 109 | Syntheses, crystal structures, antioxidant, in silico DNA and SARS-CoV-2 interaction studies of triorganotin(IV) carboxylates. Journal of Molecular Structure, 2021, 1234, 130190. | 3.6 | 8 |
| 110 | Î±,Î±â€²-Diamino-p-tetrafluoroquinodimethane: Stability of One- and Two-Electron Oxidized Species and Fixation of Molecular Oxygen. Journal of Organic Chemistry, 2021, 86, 10467-10473. | 3.2 | 8 |
| 111 | Different reaction behaviour of molybdenum and tungsten â€“ Reactions of the dichloro dioxo dimethyl-bispyridine complexes with thiophenolate. Inorganica Chimica Acta, 2007, 360, 3400-3407. | 2.4 | 7 |
| 112 | The difference one ligand atom makes â€“ An altered oxygen transfer reaction mechanism caused by an exchange of selenium for sulfur. Polyhedron, 2010, 29, 664-668. | 2.2 | 7 |
| 113 | Molybdenum and tungsten complexes of bis(phenolate) ligands, O,X,O (X=S or Se): Synthesis, characterization and catalytic oxygen atom transfer properties. Inorganica Chimica Acta, 2013, 395, 218-224. | 2.4 | 7 |
| 114 | Multiple Cycloaddition Reactions of Ketones with a Î²â€Diketiminate Al Compound. Chemistry - A European Journal, 2015, 21, 19041-19047. | 3.3 | 7 |
| 115 | NHC-stabilized 1-hydrosilaimine: synthesis, structure and reactivity. Chemical Communications, 2017, 53, 8592-8595. | 4.1 | 7 |
| 116 | An Active Palladium Colloidal Catalyst for the Selective Oxidative Heterocoupling of (Hetero)Aryl Boronic Acids. Chemistry - an Asian Journal, 2018, 13, 2489-2498. | 3.3 | 7 |
| 117 | 1,3,5â€Triazaâ€7â€phosphaadamantane (PTA) Derived Caged Phosphines for Palladiumâ€Catalyzed Selective Functionalization of Nucleosides and Heteroarenes. Chemical Record, 2021, 21, 188-203. | 5.8 | 7 |
| 118 | Towards operando IRâ€and UVâ€visâ€Spectroâ€Electrochemistry: A Comprehensive Matrix Factorisation Study on Sensitive and Transient Molybdenum and Tungsten Monoâ€Dithiolene Complexes**. Chemistry Methods, 2021, 1, 22-35. | 3.8 | 7 |
| 119 | Inspired by Natureâ€”Functional Analogues of Molybdenum and Tungsten-Dependent Oxidoreductases. Molecules, 2022, 27, 3695. | 3.8 | 7 |
| 120 | The Monomerization of a Binuclear Molybdenum(VI) Dioxo Complex by an Unusual Silylation Reaction. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1320-1322. | 1.2 | 6 |
| 121 | The ring opening reaction of 1,3-dithiol-2-one systems is fully reversible. Chemical Communications, 2014, 50, 10102-10104. | 4.1 | 6 |
| 122 | Preparation of bis(5-phenyltetrazolato) Pt(II) and Pt(IV) analogues of transplatin and in vitro evaluation for antitumor activity. Inorganica Chimica Acta, 2017, 456, 86-94. | 2.4 | 6 |
| 123 | 3-Phenylphosphaprolines â€“ Synthesis, structure and properties of heterocyclic Î±-phosphanyl amino acids. Polyhedron, 2017, 130, 195-204. | 2.2 | 6 |
| 124 | Stille Cross-Coupling Reaction: Early Years to the Current State of the Art. , 2018, , 19-36. | | 6 |
| 125 | Structural Diversity in Supramolecular Organization of Anionic Phosphate Monoesters: Role of Cations. ACS Omega, 2019, 4, 2118-2133. | 3.5 | 6 |
| 126 | Carbazoleâ€Based Nâ€Heterocyclic Carbenes for the Promotion of Copperâ€Catalyzed Palladiumâ€Free Homoâ€/Heteroâ€Coupling of Alkynes and Sonogashira Reactions. Asian Journal of Organic Chemistry, 2020, 9, 274-291. | 2.7 | 6 |

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