

# Axel Klein

## List of Publications by Citations

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4,696  
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L-index

| #   | Paper                                                                                                                                                                                                                                                                                                                                                                                                          | IF   | Citations |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 208 | Exploration of mixed-valence chemistry: inventing new analogues of the Creutz-Taube ion. <i>Accounts of Chemical Research</i> , <b>2000</b> , 33, 755-63                                                                                                                                                                                                                                                       | 24.3 | 293       |
| 207 | The $\ln 18 + 1$ Electron Complexes: Importance of the Metal/Ligand Interface for the Substitutional Reactivity of $\text{Re}(0)$ Complexes ( $\text{diimine-})\text{Re}(\text{CO})_3(\text{X})$ . <i>Organometallics</i> , <b>1996</b> , 15, 236-244                                                                                                                                                          | 3.8  | 139       |
| 206 | A five-coordinate nickel(II) fluoroalkyl complex as a precursor to a spectroscopically detectable Ni(III) species. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 8141-4                                                                                                                                                                                                                 | 16.4 | 106       |
| 205 | Role of the Bridging Arylethynyl Ligand in Bi- and Trinuclear Ruthenium and Iron Complexes. <i>Organometallics</i> , <b>2006</b> , 25, 635-643                                                                                                                                                                                                                                                                 | 3.8  | 91        |
| 204 | Electron transfer in organonickel complexes of diimines: Versatile redox catalysts for $\text{C-C}$ or $\text{C-N}$ coupling reactions [A review]. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 3156-3166                                                                                                                                                                                   | 2.3  | 89        |
| 203 | Axial Shielding of $5d_8$ and $5d_7$ Metal Centers in Dimesitylplatinum Complexes with Unsaturated Chelate Ligands: Spectroscopic and Spectroelectrochemical Studies of Four Different Oxidation States. <i>Organometallics</i> , <b>1995</b> , 14, 1176-1186                                                                                                                                                  | 3.8  | 84        |
| 202 | Electronic Structure of Conjugated Redox Systems with Borane/Borataalkene End Groups. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 3039-3043                                                                                                                                                                                                                                                                 | 5.1  | 71        |
| 201 | Variable Reduction Sequences for Axial (L) and Chelate Ligands (NwedgeN) in Rhenium(II) Complexes $[(\text{NwedgeN})\text{Re}(\text{CO})(3)(\text{L})](n)$ . <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5664-5671                                                                                                                                                                                          | 5.1  | 69        |
| 200 | Complex reduction chemistry of $(\text{abpy})\text{PtCl}_2$ , $\text{abpy} = 2,2'$ -azobispyridine: formation of cyclic $[(\text{micro},\text{eta}^2:\text{eta}^1\text{-abpy})\text{PtCl}]_2(2+)$ with a new coordination mode for abpy and a near-infrared ligand-to-ligand intervalence charge transfer absorption of the one-electron reduced state. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 5879-80 | 5.1  | 67        |
| 199 | Electrochemical, spectroscopic and EPR study of transition metal complexes of dipyrido[3,2-a:2',3'-c]phenazine. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 2595-2600                                                                                                                                                                                                           |      | 65        |
| 198 | Electrochemistry and spectroelectrochemistry (EPR, UV-visible-near-IR) of platinum(II) 2,2'-bipyridine and ring-metalated bipyridine complexes: $\text{PtII}(\text{L-})$ and $\text{PtI}(\text{L-})$ but not $\text{PtI}(\text{L})$ . <i>Inorganic Chemistry</i> , <b>1992</b> , 31, 5084-5088                                                                                                                 | 5.1  | 64        |
| 197 | Electrospun Black Titania Nanofibers: Influence of Hydrogen Plasma-Induced Disorder on the Electronic Structure and Photoelectrochemical Performance. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 18835-18842                                                                                                                                                                                  | 3.8  | 58        |
| 196 | Magnitudes of Electron-Withdrawing Effects of the Trifluoromethyl Ligand in Organometallic Complexes of Copper and Nickel. <i>Organometallics</i> , <b>2010</b> , 29, 1451-1456                                                                                                                                                                                                                                | 3.8  | 57        |
| 195 | Ligand-to-ligand charge transfer states and photochemical bond homolysis in metal-carbon bonded platinum complexes. <i>Coordination Chemistry Reviews</i> , <b>2002</b> , 230, 193-211                                                                                                                                                                                                                         | 23.2 | 56        |
| 194 | The Electrochemical Behaviour of Organonickel Complexes: Mono-, Di- and Trivalent Nickel. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 965-976                                                                                                                                                                                                                                         | 2.3  | 53        |
| 193 | Structural basis for unusually long wavelength charge transfer transitions in complexes $[\text{MCl}(\text{ECH}(2)\text{CH}(2)\text{NMe}(2))(\text{PR}(3))] (E = \text{Te, Se}; M = \text{Pt, Pd})$ : experimental results and TD-DFT calculations. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 2864-70                                                                                                     | 5.1  | 53        |
| 192 | Cyclooctadienemethylplatinum complexes: synthesis, reactivity, molecular structure and spectroscopic properties of the organometallic hydroxoplatinum(II) complex $[(\text{COD})\text{PtMe}(\text{OH})]$ . <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 592, 128-135                                                                                                                             | 2.3  | 51        |

- 191 Different orbital occupation by an added single electron in 1,10-phenanthroline and its 3,4,7,8-tetramethyl derivative. Evidence from electron paramagnetic resonance spectroscopy of the anion radicals and of their dimesitylplatinum(II) complexes. X-Ray molecular structure of dimesityl(1,10-phenanthroline)platinum(II). *Journal of the Chemical Society, Perkin Transactions II*, 1995, 2121-2126 51
- 190 pi Molecular Orbital Crossing a(2)(chi)/b(1)(psi) in 1,10-Phenanthroline Derivatives. Ab Initio Calculations and EPR/ENDOR Studies of the 4,7-Diaza-1,10-phenanthroline Radical Anion and Its M(CO)(4) Complexes (M = Cr, Mo, W). *Inorganic Chemistry*, 1996, 35, 1295-1300 5.1 46
- 189 Investigation of the Ligand Exchange Behavior of Square-Planar Nickel(II) Complexes by X-ray Absorption Spectroscopy and X-ray Diffraction. *European Journal of Inorganic Chemistry*, 2003, 2003, 839-852 2.3 45
- 188 Electrochemistry, electron spin resonance, optical spectroscopy, and reactivity of organometallic platinum(II) complexes containing strongly pi-accepting aromatic diimine ligands. *Journal of Organometallic Chemistry*, 1992, 436, 367-378 2.3 43
- 187 Cyclometallated platinum complexes with thienyl imines. X-ray crystal structure of [PtMe{3-(PhCH2NCH)C4H2S}PPh3]. *Journal of Organometallic Chemistry*, 2000, 601, 22-33 2.3 41
- 186 New rare earth metal complexes with nitrogen-rich ligands: 5,5'-bitetrazolate and 1,3-bis(tetrazol-5-yl)triazenate-on the borderline between coordination and the formation of salt-like compounds. *Chemistry - A European Journal*, 2008, 14, 3727-36 4.8 40
- 185 Structural Variety and Multiple Isomerism in 1-(Dimethylamino)propyl-2-chalcogenolate and 2-(Dimethylamino)propyl-1-chalcogenolate Complexes of Palladium(II) and Platinum(II): Synthesis, Spectroscopy and Structures. *European Journal of Inorganic Chemistry*, 2004, 2004, 4510-4520 2.3 39
- 184 Reduced and excited states of (bpym)[PtCl(2)](n) (bpym = 2,2'-bipyrimidine; n = 1, 2): experiments and DFT calculations. *Inorganic Chemistry*, 2002, 41, 4139-48 5.1 39
- 183 Reactions of New Organoplatinum(II) and -(IV) Complexes of 1,4-Diaza-1,3-butadienes with Light and Electrons. Emission vs Photochemistry and the Electronic Structures of Ground, Reduced, Oxidized, and Low-Lying Charge-Transfer Excited States. *Organometallics*, 1998, 17, 237-247 3.8 39
- 182 2,2'-Azobis(pyridine) (abpy) as a multiply reducible tetradentate ligand. EPR evidence for the configurational dependence of intramolecular electron transfer in the stereoisomeric tris-chelate ruthenium complexes [Ru(abpy)n(bpy)3-n]m (n = 2, 3; m = 2+ to 3-). *Inorganic Chemistry*, 1993, 32, 3362-3368 5.1 39
- 181 Tris(tri-tert-butylsilyl)digallanyl (tBu3Si)3Ga2: A New Type of Compound for a Heavy Group 13 Element. *Angewandte Chemie International Edition in English*, 1997, 36, 1213-1215 38
- 180 Axiale abschirmung des quadratisch-planar konfigurierten platin(II) in strukturell charakterisiertem (bpy)PtMes2: Lumineszenz und elektrochemisch reversible Bildung von Platin(III). *Journal of Organometallic Chemistry*, 1992, 440, 207-217 2.3 38
- 179 Proof of innocence for the quintessential noninnocent ligand TCNQ in its tetranuclear complex with four [fac-Re(CO)3(bpy)]+ groups: unusually different reactivity of the TCNX ligands (TCNX = TCNE, TCNQ, TCNB). *Inorganic Chemistry*, 2003, 42, 7018-25 5.1 37
- 178 Electronic structure of radical anionic binuclear organoplatinum complexes. A multiple frequency EPR investigation. *Journal of the Chemical Society, Faraday Transactions*, 1998, 94, 2979-2984 37
- 177 Exploring Mechanisms in Ni Terpyridine Catalyzed C-C Cross-Coupling Reactions: A Review. *Inorganics*, 2018, 6, 18 2.9 35
- 176 Electronic and molecular structure of 2,2'-bipyrimidine-bridged bis(organoplatinum) complexes in various oxidation states. Radical-bridged diplatinum species and the absence of a Pt(III)/Pt(II) mixed-valent intermediate. *Inorganica Chimica Acta*, 1997, 264, 269-278 2.7 35
- 175 Halide ligand-more than just sigma-donors? A structural and spectroscopic study of homologous organonickel complexes. *Inorganic Chemistry*, 2008, 47, 11324-33 5.1 35
- 174 On the Question of Mixed-Valent States in Ligand-Bridged Dinuclear Organoplatinum Compounds [RkPt(L)PtRk]n, k = 2 or 4. *Organometallics*, 1998, 17, 3532-3538 3.8 35

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| 173 | What a difference ancillary thienyl makes: unexpected additional stabilization of the diruthenium(III,II) but not the diosmium(III,II) mixed-valent state in tetrazine ligand-bridged complexes. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6172-4               | 5.1 | 33 |
| 172 | 2,5-Bis(1-phenyliminoethyl)pyrazine (bpip): a conjugated metal-metal bridging acceptor ligand and its homodinuclear complexes with low-valent metal centres. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 575-582                      |     | 33 |
| 171 | Tuning the electronic properties of dppz-ligands and their palladium(II) complexes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4331-40                                                                                                                           | 4.3 | 32 |
| 170 | Synthesis, Spectroscopic Properties, and Crystal Structure of 2,2'-Bipyridyldimesitylnickel(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2001</b> , 627, 645-650                                                                              | 1.3 | 32 |
| 169 | The stable diiron(2.5) complex ion [(NC)(5)Fe( $\mu$ -tz)Fe(CN)5](5-), tz = 1,2,4,5-tetrazine, and its neighboring oxidation states. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 2256-62                                                                          | 5.1 | 32 |
| 168 | Electrochemistry and spectroscopy of organometallic terpyridine nickel complexes. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9947-51                                                                                                                             | 5.1 | 31 |
| 167 | Synthesis and antiproliferative activity of a series of new platinum and palladium diphosphane complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1918-1932                                                                                                   | 4.3 | 30 |
| 166 | Redox chemistry of copper complexes with various salen type ligands. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 394, 237-246                                                                                                                                     | 2.7 | 30 |
| 165 | Intramolecular hydrogen bonding controls 1,3-N,S- vs. 1,5-S,S'-coordination in Ni(II) complexes of N-thiophosphorylated thioureas RNHC(S)NHP(S)(OiPr) <sub>2</sub> . <i>Dalton Transactions</i> , <b>2011</b> , 40, 3142-53                                          | 4.3 | 30 |
| 164 | Organometallic palladium and platinum complexes with strongly donating alkyl coligands $\square$ Synthesis, structures, chemical and cytotoxic properties. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1898-1905                                 | 2.3 | 30 |
| 163 | Co-Ligand Involvement in Ground and Excited States of Electron-Rich (Polypyridyl)Pt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 1917-1938                                                                                    | 2.3 | 30 |
| 162 | Strong Cytotoxicity of Organometallic Platinum Complexes with Alkynyl Ligands. <i>Organometallics</i> , <b>2013</b> , 32, 3662-3672                                                                                                                                  | 3.8 | 29 |
| 161 | Synthesis, Characterisation and Luminescent Properties of Mixed-Ligand Copper(I) Complexes Incorporating N-Thiophosphorylated Thioureas and Phosphane Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 4018-4026                        | 2.3 | 29 |
| 160 | Multiple Isomerism (cis/trans; syn/anti) in [(dmso)2Pt(aryl)2] Complexes: A Combined Structural, Spectroscopic, and Theoretical Investigation. <i>Organometallics</i> , <b>2005</b> , 24, 4125-4131                                                                  | 3.8 | 29 |
| 159 | Reversible photoswitching between nitrito-N and nitrito-O isomers in trans-[Ru(py)(4)(NO(2))(2)]. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 6171-8                                                                                              | 3.6 | 27 |
| 158 | On the Electronic Structure of Mesitylnickel Complexes of $\square$ Diimines $\square$ Combining Structural Data, Spectroscopy and Calculations. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 2784-2796                                      | 2.3 | 27 |
| 157 | Qualitatively Different Reactivities of Hydride Reagents toward $\square$ ( $\square$ diimine)( $\beta$ -C5Me5)ClIr <sup>+</sup> Cations: Substitution, Electron Transfer (Reduction), or Stepwise Hydrogenation. <i>Organometallics</i> , <b>2002</b> , 21, 765-769 | 3.8 | 27 |
| 156 | Oxidative Cleavage of CH <sub>3</sub> and CF <sub>3</sub> Radicals from BOXAM Nickel Complexes. <i>Organometallics</i> , <b>2012</b> , 31, 5334-5341                                                                                                                 | 3.8 | 26 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 155 | Organoplatinum(II) and -palladium(II) Complexes of Nucleobases and Their Derivatives. <i>Organometallics</i> , <b>2009</b> , 28, 3906-3915                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.8 | 26 |
| 154 | Competitive bulk liquid membrane transport and solvent extraction of some metal ions using RC(S)NHP(X)(OiPr)(2) (X = O, S) as ionophores. Formation of the polynuclear complex of [Ag(N[triple bond]C-NP(S)(OiPr)(2))](n). <i>Dalton Transactions</i> , <b>2009</b> , 8227-36                                                                                                                                                                                                                                                                                                   | 4.3 | 26 |
| 153 | Effects of chlorine substituents upon the formation, reactivity and electrochemical properties of platinum(II) and platinum(IV) metallacycles. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 563, 179-190                                                                                                                                                                                                                                                                                                                                                          | 2.3 | 26 |
| 152 | Interconversion of structurally characterised complexes [PdCl(Se $\square$ N)] 2 and [Pd(Se $\square$ N) 2 ] 6 with the hemi-labile ligand Se $\square$ N=Me 2 NCH 2 CH 2 CH 2 Se $\square$ <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 601-603                                                                                                                                                                                                                                                                                                                 | 3.1 | 26 |
| 151 | Tri(allyl)- and tri(methylallyl)arsine complexes of palladium(II) and platinum(II): synthesis, spectroscopy, photochemistry and structures. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 1584                                                                                                                                                                                                                                                                                                                                                                            | 3.6 | 26 |
| 150 | Spectroscopy and photochemical reactivity of cyclooctadiene platinum complexes. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 620, 202-210                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.3 | 26 |
| 149 | Oxido Pincer Ligands $\square$ Exploring the Coordination Chemistry of Bis(hydroxymethyl)pyridine Ligands for the Late Transition Metals. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 2271-2281                                                                                                                                                                                                                                                                                                                                                        | 2.3 | 25 |
| 148 | Intramolecular hydrogen bond controlled coordination of N-thiophosphorylated thiourea 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NHC(S)NHP(S)(OiPr) <sub>2</sub> with Ni(II). <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 678-681                                                                                                                                                                                                                                                                                                                       | 3.1 | 25 |
| 147 | Electron paramagnetic resonance and spectroscopic characteristics of electrogenerated mixed-valent systems [(eta 5-C <sub>5</sub> Me <sub>5</sub> )M(mu-L)M(eta 5-C <sub>5</sub> Me <sub>5</sub> )] <sup>+</sup> (M = Rh, Ir; L = 2,5-diiminopyrazines) in relation to the radicals [(eta 5-C <sub>5</sub> Me <sub>5</sub> )ClM(mu-L)MCl(eta 5-C <sub>5</sub> Me <sub>5</sub> )] <sup>+</sup> and [(eta 5-C <sub>5</sub> Me <sub>5</sub> )M(mu-L)MCl(eta 5-C <sub>5</sub> Me <sub>5</sub> )] <sub>2</sub> <sup>+</sup> . <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 2516-21 | 5.1 | 25 |
| 146 | Thiolato-bridged linear trinuclear platinum complexes [Pt <sub>3</sub> (ESR) <sub>4</sub> (dppm) <sub>2</sub> ] <sub>2</sub> <sup>+</sup> . <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 2134-2142                                                                                                                                                                                                                                                                                                                                                                       | 2.7 | 24 |
| 145 | Cyclooctadienemethylpalladium complexes: synthesis, structures and reactivity. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 343, 189-201                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.7 | 24 |
| 144 | Resonance Raman spectra of d <sub>6</sub> metal diimine complexes reflect changes in metal ligand interaction and character of electronic transition. <i>Coordination Chemistry Reviews</i> , <b>2001</b> , 219-221, 937-955 <sup>23,2</sup>                                                                                                                                                                                                                                                                                                                                    |     | 24 |
| 143 | Non-covalent intramolecular interactions through ligand-design promoting efficient photoluminescence from transition metal complexes. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 405, 213094 <sup>23,2</sup>                                                                                                                                                                                                                                                                                                                                                         |     | 24 |
| 142 | Interdependence of Structure, Morphology, and Phase Transitions in CVD Grown VO <sub>2</sub> and V <sub>2</sub> O <sub>3</sub> Nanostructures. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 5877-5885                                                                                                                                                                                                                                                                                                                                                                      | 9.6 | 23 |
| 141 | Linear Bis(perfluoroalkyl) Complexes of Nickel Bipyridine. <i>Organometallics</i> , <b>2012</b> , 31, 1477-1483                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.8 | 23 |
| 140 | One-dimensional ladder like and two-dimensional polymorphs of heterometallic thiocyanate bridged copper(II) and mercury(II) coordination polymer: Syntheses, structural, vibration, luminescence and EPR studies. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 184-190                                                                                                                                                                                                                                                                                                   | 2.7 | 23 |
| 139 | Binuclear doubly cyclometallated platinum-(II) and -(IV) compounds $\square$ <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 1629-1638                                                                                                                                                                                                                                                                                                                                                                                                               |     | 23 |
| 138 | Trap engineering in solution processed PbSe quantum dots for high-speed MID-infrared photodetectors. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 5658-5669                                                                                                                                                                                                                                                                                                                                                                                                       | 7.1 | 22 |

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| 137 | Versatile coordination of N-(diisopropoxyphosphoryl)-p-bromothiobenzamide towards Zn(II) and Cd(II). <i>Polyhedron</i> , <b>2009</b> , 28, 1504-1510                                                                                                                                    | 2.7 | 22 |
| 136 | Geometrical and electronic structures of dinuclear complex ions $\{(\mu\text{-bpym})[\text{Cu}(\text{EAr}_3)_2]_2\}^{2+}$ with intramolecular "organic sandwich" formation (E = P or As; Ar = Aryl; bpym = 2,2'-bipyrimidine). <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4637-43   | 5.1 | 22 |
| 135 | Organometallic platinum(II) complexes of methyl-substituted phenanthrolines. <i>Dalton Transactions RSC</i> , <b>2002</b> , 2371                                                                                                                                                        |     | 22 |
| 134 | Cyclometalated Pt Complexes of CNC Pincer Ligands: Luminescence and Cytotoxic Evaluation. <i>Organometallics</i> , <b>2020</b> , 39, 746-756                                                                                                                                            | 3.8 | 21 |
| 133 | Platinum Diolefin Complexes: Synthesis, Structures, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 226-239                                                                                                                                      | 2.3 | 21 |
| 132 | Cr/Ni-catalyzed vinylation of aldehydes: a mechanistic study on the catalytic roles of nickel and chromium. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4765-73                                                                                                           | 4.8 | 21 |
| 131 | Configurational selectivity in benzyldimethylarsine complexes of palladium(II) and platinum(II): synthesis, spectroscopy and structures. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 346, 119-128                                                                                    | 2.7 | 20 |
| 130 | Long-lived higher excited state luminescence from new ruthenium(II) allenylidene complexes. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 670, 137-143                                                                                                                     | 2.3 | 20 |
| 129 | The cyclometalated nickel complex $[(\text{Phbpy})\text{NiBr}]$ (Phbpy = 2,2'-bipyridine-6-phen-2-yl) Synthesis, spectroscopic and electrochemical studies. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 774, 86-93                                                       | 2.3 | 19 |
| 128 | Participation of co-ligands in electronic transitions of platinum(II) diazabutadiene complexes. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5216-25                                                                                                                                  | 5.1 | 19 |
| 127 | Nickel-Alkyl Complexes with a Reactive PNC-Pincer Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2408-2418                                                                                                                                                | 2.3 | 18 |
| 126 | A roadmap to uranium ionic liquids: anti-crystal engineering. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 6482-93                                                                                                                                                         | 4.8 | 18 |
| 125 | Nanoparticles and Thin Films of Silver from Complexes of Derivatives of N-(Diisopropylthiophosphoryl)thioureas. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 4233-4240                                                                                                             | 9.6 | 18 |
| 124 | The influence of an intramolecular hydrogen bond on the 1,3-N,S-coordination of crown ether-containing N-phosphorylthiourea with Ni(II). <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 2443                                                                                       | 3.6 | 18 |
| 123 | Cytosine Binding in the Novel Organoplatinum(II) Complex $[(\text{COD})\text{PtMe}(\text{cytosine})](\text{SbF}_6)$ <i>Organometallics</i> , <b>2007</b> , 26, 230-233                                                                                                                  | 3.8 | 18 |
| 122 | On the Borderline between cis and trans in Organometallic(Phosphane)platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 4056-4063                                                                                                              | 2.3 | 18 |
| 121 | Molecular and Crystal Structure of an Organoplatinum(II) Complex with Dipyrido[3,2-a : 2',3'-c]phenazine (dppz). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1999</b> , 625, 1177-1180                                                                               | 1.3 | 18 |
| 120 | Synthesis of New $\text{Ln}_x\text{Bi}_2\text{Se}_3$ (Ln: $\text{Sm}^{3+}$ , $\text{Eu}^{3+}$ , $\text{Gd}^{3+}$ , $\text{Tb}^{3+}$ ) Nanomaterials and Investigation of Their Optical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 87-93 | 1.3 | 16 |

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| 119 | Oxidation states and photoinduced metastable states in [Fe(CO) <sub>2</sub> (NO) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2010</b> , 29, 2553-2559                                                                                                                                                                                                                                                                                                                                                 | 2.7 | 16 |
| 118 | Synthesis, spectroscopy, structure and photophysical properties of dinaphthylmethylarsine complexes of palladium(II) and platinum(II). <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 2609-2617                                                                                                                                                                                                                                                                                             | 2.7 | 16 |
| 117 | Aggregation control of copper(I) thiolates through substituent size and ancillary chelate ligands: closely related mono-, di-, tri- and tetranuclear complexes. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 324, 336-341                                                                                                                                                                                                                                                                      | 2.7 | 16 |
| 116 | Synthesis and characterization of [H <sub>2</sub> NC(S)NP(S)(OiPr) <sub>2</sub> ] <sub>n</sub> complexes of Co(II), Ni(II), Zn(II) and Cd(II). <i>Inorganica Chimica Acta</i> , <b>2011</b> , 365, 32-37                                                                                                                                                                                                                                                                                         | 2.7 | 15 |
| 115 | EPR study of electron transfer and group transfer in organoplatinum(II) and (IV) compounds $\square$ <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1997</b> , 2573-2578                                                                                                                                                                                                                                                                                                     |     | 15 |
| 114 | Chemistry of C-Trimethylsilyl-Substituted Heterocarboranes. 31. New Insights into Reaction Pathways of Carborane Ligand Systems: Synthetic, Structural, Spectroscopic, and Electrochemical Studies on Sandwich and Half-Sandwich Metallacarboranes of Iron, Cobalt, and Nickel. <i>Organometallics</i> , <b>2007</b> , 26, 2177-2187                                                                                                                                                             | 3.8 | 15 |
| 113 | The Me NB Cl Radical: A Strong One-Electron Oxidizing Agent. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16032-16036                                                                                                                                                                                                                                                                                                                                                               | 4.8 | 15 |
| 112 | Antibacterial Ag containing core-shell polyvinyl alcohol-poly (lactic acid) nanofibers for biomedical applications. <i>Polymer Engineering and Science</i> , <b>2020</b> , 60, 1221-1230                                                                                                                                                                                                                                                                                                         | 2.3 | 14 |
| 111 | Luminescent Pt(II) Complexes of Tridentate Cyclometalating 2,5-Bis(aryl)-pyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 5215-5223                                                                                                                                                                                                                                                                                                                        | 2.3 | 14 |
| 110 | Generation and characterisation of the phenoxyl-radical containing Cu(II) complex [Cu(triaz) <sub>2</sub> ] <sup>+</sup> (triaz- = O,N chelating triazole-phenolate). <i>Dalton Transactions</i> , <b>2012</b> , 41, 11464-75                                                                                                                                                                                                                                                                    | 4.3 | 14 |
| 109 | Synthesis, characterization and luminescent properties of heteroligand copper(I) complexes with N-thiophosphorylated thioureas RNHC(S)NHP(S)(OiPr) <sub>2</sub> (R=iPr, tBu, Ph, 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> , 2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ) and phosphines (PPh <sub>3</sub> , Ph <sub>2</sub> P(C <sub>5</sub> H <sub>4</sub> FeC <sub>5</sub> H <sub>4</sub> )PPh <sub>2</sub> ). <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 1897-1901 | 2.7 | 14 |
| 108 | Influence of the variation of the co-ligands on the electronic transitions and emission properties of [Pt(I)(CH <sub>3</sub> ) <sub>3</sub> (iPr-DAB)], [Pt(CH <sub>3</sub> ) <sub>4</sub> (diimine)] and [Pt(SnPh <sub>3</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> (iPr-DAB)]: an experimental and theoretical study. <i>Dalton Transactions RSC</i> , <b>2002</b> , 218-225                                                                                                         |     | 14 |
| 107 | Cycloaddition of CO <sub>2</sub> with epoxides and esterification reactions using the porous redox catalyst Co-POM@MIL-101(Cr). <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 15585-15595                                                                                                                                                                                                                                                                                                  | 3.6 | 13 |
| 106 | Oxido-pincer complexes of copper(II) $\square$ An EXAFS and EPR study of mono- and binuclear [(pydotH <sub>2</sub> )CuCl <sub>2</sub> ] <sub>n</sub> (n = 1 or 2). <i>Polyhedron</i> , <b>2012</b> , 31, 649-656                                                                                                                                                                                                                                                                                 | 2.7 | 13 |
| 105 | Copper(I) complexes with N-thiophosphorylated thioureas and phosphines with versatile structures and luminescence. <i>CrystEngComm</i> , <b>2010</b> , 12, 134-143                                                                                                                                                                                                                                                                                                                               | 3.3 | 13 |
| 104 | Polynuclear and mixed-ligand mononuclear Cu(I) complexes with N-thiophosphorylated thioureas and 1,10-phenanthroline or PPh <sub>3</sub> . <i>Dalton Transactions</i> , <b>2010</b> , 39, 11577-86                                                                                                                                                                                                                                                                                               | 4.3 | 13 |
| 103 | Versatile structures and photophysical properties of poly- and mononuclear Cu(I) complexes with N-thiophosphorylated thioureas RNHC(S)NHP(S)(OiPr) <sub>2</sub> and phosphanes. <i>CrystEngComm</i> , <b>2011</b> , 13, 568-576                                                                                                                                                                                                                                                                  | 3.3 | 13 |
| 102 | The influence of the spacer Z on N-phosphorylated bis-thioureas and 2,5-dithiobiurea Z[C(S)NHP(O)(OiPr) <sub>2</sub> ] <sub>2</sub> (Z = NHCH <sub>2</sub> CH <sub>2</sub> NH, NHC <sub>6</sub> H <sub>4</sub> -2-NH, NHNH) crystal design. <i>Polyhedron</i> , <b>2009</b> , 28, 1403-1408                                                                                                                                                                                                      | 2.7 | 13 |

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| 101 | Back-bonding in Organonickel Complexes with Terpyridine Ligands [A Structural Approach. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 2711-2718                                                                                                                                                                                    | 1.3 | 13 |
| 100 | Multinuclear NMR study of some organoplatinum complexes containing multifunctional azines as chelating ligands. <i>Magnetic Resonance in Chemistry</i> , <b>2004</b> , 42, 781-7                                                                                                                                                                                    | 2.1 | 13 |
| 99  | Tetrel Bonding and Other Non-Covalent Interactions Assisted Supramolecular Aggregation in a New Pb(II) Complex of an Isonicotinohydrazone. <i>Molecules</i> , <b>2020</b> , 25,                                                                                                                                                                                     | 4.8 | 13 |
| 98  | Labile Pd-sulphur and Pt-sulphur bonds in organometallic palladium and platinum complexes [(COD)M(alkyl)(S-ligand)]-A speciation study. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 165, 119-127                                                                                                                                                       | 4.2 | 13 |
| 97  | Palladium(II) Complexes of Ambidentate and Potentially Cyclometalating 5-Aryl-3-(2'-pyridyl)-1,2,4-triazine Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 2011-2022                                                                                                                                                                 | 2.3 | 12 |
| 96  | Nitrogen-Nitrogen Bond Formation via a Substrate-Bound Anion at a Mononuclear Nickel Platform. <i>Organometallics</i> , <b>2018</b> , 37, 521-525                                                                                                                                                                                                                   | 3.8 | 12 |
| 95  | Synthesis of Disentangled Ultra-High Molecular Weight Polyethylene using Vanadium(V)-Based Catalysts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 993-998                                                                                                                                                                        | 1.3 | 11 |
| 94  | Hydrothermal Synthesis of Nd(III) Doped Bi <sub>2</sub> Se <sub>3</sub> Nanoflowers and their Physical Properties [ <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 2053-2057                                                                                                                                                        | 1.3 | 11 |
| 93  | C-Cl bond cleavage of CH <sub>2</sub> Cl <sub>2</sub> by the zinc(II) complex [Zn(phen)L <sub>2</sub> ] (L=PhC(S)NP(O)(OiPr) <sub>2</sub> -) with the formation of [Zn(phen)LCl] and CH <sub>2</sub> [PhC(S)NP(O)(OiPr) <sub>2</sub> ] <sub>2</sub> . <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 913-915                                          | 3.1 | 11 |
| 92  | Synthesis and characterization of Zn(II), Cd(II) and Ni(II) complexes with N-thiophosphorylated thioureas RC(S)NP(S)(OiPr) <sub>2</sub> (R=MeNH, 2-MeC <sub>6</sub> H <sub>4</sub> NH, 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> NH, 2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> NH, 2-Py(6-Me)NH). <i>Polyhedron</i> , <b>2010</b> , 29, 1515-1519 | 2.7 | 11 |
| 91  | On the redox states of ruthenium porphyrin oxidation catalysts. <i>Dalton Transactions</i> , <b>2007</b> , 3427-34                                                                                                                                                                                                                                                  | 4.3 | 11 |
| 90  | Synthesis, Coordination, and Spectroscopic Properties of 2,2'-Bipyridyldimesitylpalladium(II) and 6-Mesityl-2,2'-bipyridyldimesitylpalladium(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2000</b> , 626, 1191-1195                                                                                                                          | 1.3 | 11 |
| 89  | Synthesis, Structure and Reactivity of Cyclometalated Nickel(II) Complexes: A Review and Perspective. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , <b>2016</b> , 86, 533-549                                                                                                                                        | 0.9 | 11 |
| 88  | 2,2'-Bipyridine as both Bridging and Terminal Ligand in the Binuclear Palladium Complex [(η <sup>5</sup> -η <sup>5</sup> -bpy){Pd(Me)(bpy)} <sub>2</sub> ](SbF <sub>6</sub> ) <sub>2</sub> [Structure and Spectroscopic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 878-884                                          | 1.3 | 10 |
| 87  | Electron transfer studies on Cu(II) complexes bearing phenoxy-pincer ligands. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 3282-3290                                                                                                                                                                                                                         | 2.7 | 10 |
| 86  | Coupling of Electron Transfer and Bond Dissociation Processes in Dinuclear Complexes with Rhodium and Iridium Reaction Centres Bridged by 2,2'-Bipyrimidine. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2001</b> , 66, 291-306                                                                                                                  |     | 10 |
| 85  | Hierarchical Ti-Based MOF with Embedded RuO <sub>2</sub> Nanoparticles: a Highly Efficient Photoelectrode for Visible Light Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 18366-18376                                                                                                                                        | 8.3 | 9  |
| 84  | Reductive transformation of V(III) precursors into vanadium(II) oxide nanowires. <i>Dalton Transactions</i> , <b>2018</b> , 47, 6842-6849                                                                                                                                                                                                                           | 4.3 | 9  |



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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 83 | Palladium Complexes with the SC6F4H-4 Ligand [Synthesis, Spectroscopy, and Structures. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 4450-4458                                                                                                                                                                       | 2.3 | 9 |
| 82 | Complexes of Co(II) and Zn(II) with N-(Thio)phosphorylthioureas AdNHC(S)NHP(O)(OiPr) <sub>2</sub> and MeNHC(S)NHP(S)(OiPr) <sub>2</sub> . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2010</b> , 185, 1739-1745                                                                                                     | 1   | 9 |
| 81 | Aerial oxidation of tetrahydrofuran to 2-hydroxotetrahydrofuran in the presence of a trimeric CuI complex [Cu <sub>3</sub> L <sub>3</sub> ] (HL = tBuNHC(S)NHP(S)(OiPr) <sub>2</sub> ) and trapping of the unstable product at recrystallization. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2835                                  | 3.6 | 9 |
| 80 | Suzuki Cross-Coupling Reaction Catalyzed by the Palladium Complex Pd[N-MorphC(S)NP(O)(OiPr) <sub>2</sub> -O,S] <sub>2</sub> . <i>Catalysis Letters</i> , <b>2009</b> , 129, 363-366                                                                                                                                                         | 2.8 | 9 |
| 79 | Synthesis of N-(thio)phosphorylated thiosemicarbazides RC(S)NHP(X)(OiPr) <sub>2</sub> (X = S, R = NH <sub>2</sub> N(Me)) [X = O, R = NH <sub>2</sub> N(Me)] PhNHNH [Reaction of NH <sub>2</sub> N(Me)C(S)NHP(S)(OiPr) <sub>2</sub> with acetone. <i>Polyhedron</i> , <b>2009</b> , 28, 2693-2697                                            | 2.7 | 9 |
| 78 | Studies on Zn(II) and Cd(II) heteroligand complexes with RC(S)NHP(O)(OiPr) <sub>2</sub> (R=Ph, NH <sub>2</sub> , PhNH) and [diimine (bpy and phen) ligands. C-Cl bond cleavage of CH <sub>2</sub> Cl <sub>2</sub> by [Zn(phen){PhC(S)NP(O)(OiPr) <sub>2</sub> ] <sub>2</sub> . <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 19-26    | 2.7 | 9 |
| 77 | Synthesis, characterization and complexation properties of N-phosphorylated thioureas RNHC(S)NHP(O)(OiPr) <sub>2</sub> (R=2-Py, 3-Py) towards Ni(II). <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 1791-1795                                                                                                                         | 2.7 | 9 |
| 76 | π-Stacking Modulates the Luminescence of [(dppz)Ni(Mes)Br] (dppz = dipyrido[3,2-a:2',3'-c]phenazine, Mes = 2,4,6-trimethylphenyl). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 1659-1665                                                                                                                 | 1.3 | 9 |
| 75 | Complexes of 1,3-Bis(diphenylphosphano)propane (dppp) with Dichloroplatinum(II) and Bis(chlorogold(I)): Intramolecular versus Intermolecular AuI-AuI Association of [(Hdppp)(AuCl) <sub>2</sub> ] in catena and cyclo Forms. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1355-1358                       | 1.3 | 9 |
| 74 | Characterization and Release Behavior of a Thiosemicarbazone from Electrospun Polyvinyl Alcohol Core-Shell Nanofibers. <i>Polymers</i> , <b>2020</b> , 12,                                                                                                                                                                                  | 4.5 | 9 |
| 73 | Cyclometalated Ni(II) Complexes [Ni(N <sup>2</sup> C <sup>2</sup> N)X] of the Tridentate 2,6-di(2-pyridyl)phen-ide Ligand. <i>Organometallics</i> , <b>2020</b> , 39, 2820-2829                                                                                                                                                             | 3.8 | 9 |
| 72 | Redox Series of Cyclometalated Nickel Complexes [Ni((R)Ph(R')bpy)Br] <sup>+/0</sup> /2 [H(R)Ph(R')bpy = Substituted 6-Phenyl-2,2'-bipyridine). <i>Organometallics</i> , <b>2018</b> , 37, 3332-3341                                                                                                                                         | 3.8 | 9 |
| 71 | Pyridine-2,6-Dicarboxylic Acid Esters (pydicR <sub>2</sub> ) as O,N,O-Pincer Ligands in CuII Complexes. <i>Inorganics</i> , <b>2019</b> , 7, 53                                                                                                                                                                                             | 2.9 | 8 |
| 70 | Platinum complexes with the SC6F4H-4 ligand [Synthesis, structures and spectroscopy. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 423, 152-162                                                                                                                                                                                            | 2.7 | 8 |
| 69 | Five Coordinate Platinum(II) in [Pt(bpy)(cod)(Me)][SbF <sub>6</sub> ]: A Structural and Spectroscopic Study. <i>Inorganics</i> , <b>2015</b> , 3, 118-138                                                                                                                                                                                   | 2.9 | 8 |
| 68 | Highly flexible O,O',N ligands and their Fe, Ni, Cu and Zn complexes. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 374, 350-358                                                                                                                                                                                                           | 2.7 | 8 |
| 67 | Copper(I) complexes with N-(diisopropoxythiophosphoryl)thiobenzamide PhC(S)NHP(S)(OiPr) <sub>2</sub> . <i>Dalton Transactions</i> , <b>2010</b> , 39, 8261-8                                                                                                                                                                                | 4.3 | 8 |
| 66 | Dicarboxylate assisted synthesis of the monoclinic heterometallic tetrathiocyanato bridged copper(II) and mercury(II) coordination polymer {Cu[Hg(SCN) <sub>4</sub> ] <sub>n</sub> : Synthesis, structural, vibration, luminescence, EPR studies and DFT calculations. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 379-386 | 3.3 | 7 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 65 | A New 5,5'-Bitetrazole Thorium(IV) Compound: Synthesis, Crystal Structure and Quantum Chemical Investigation. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 2472-2476                                                                      | 2.3 | 7 |
| 64 | Synthesis and characterization of silver(I) complexes with N-thiophosphorylated thiobenzamide or thiourea and phosphines. <i>Heteroatom Chemistry</i> , <b>2010</b> , 21, 386-391                                                                                 | 1.2 | 7 |
| 63 | Mono- and Binuclear Arylnickel Complexes of the $\pi$ -Diimine Bridging Ligand 2,2'-Bipyrimidine (bpym). <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 934-941                                                                             | 2.3 | 7 |
| 62 | The First Structurally Characterized Example of a $\beta$ -Coordinate Mesitylato Palladium Complex. <i>Organometallics</i> , <b>2002</b> , 21, 2340-2342                                                                                                          | 3.8 | 7 |
| 61 | Experimental and DFT calculated structure of the diruthenium(2.5) complex [(Me3TACN)Ru( $\eta$ -Cl)3Ru(Me3TACN)](PF6)2. <i>Israel Journal of Chemistry</i> , <b>2001</b> , 41, 145-148                                                                            | 3.4 | 7 |
| 60 | Photophysics and Excited State Dynamics of Cyclometalated [M(Phbpy)(CN)] (M = Ni, Pd, Pt) Complexes: A Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8777-8789                                                               | 5.1 | 7 |
| 59 | Transparent Display using a quasi-array of Si-SiO Core-Shell Nanoparticles. <i>Scientific Reports</i> , <b>2019</b> , 9, 2293                                                                                                                                     | 4.9 | 7 |
| 58 | Metal ion influences distortion of the ligand in the structure of [M{2-MeO(O)CC6H4NHC(S)NP(S)(OiPr)2}2] (M = Zn(II), Cd(II)) complexes: a driving force for intermolecular aggregation. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14101-9                    | 4.3 | 6 |
| 57 | Syntheses and coordination chemistry of perfluoroaryl-1H-tetrazoles. <i>Polyhedron</i> , <b>2015</b> , 100, 271-281                                                                                                                                               | 2.7 | 6 |
| 56 | Copper thiocyanato complexes and cocaine - a case of 'black cocaine'. <i>Drug Testing and Analysis</i> , <b>2015</b> , 7, 56-64                                                                                                                                   | 3.5 | 6 |
| 55 | Direct Base-Assisted C-H Cyclonickelation of 6-Phenyl-2,2'-bipyridine. <i>Molecules</i> , <b>2020</b> , 25,                                                                                                                                                       | 4.8 | 6 |
| 54 | Solvent-dependent formation of two different Cd(II) complexes with p-BrC6H4C(S)NHP(O)(OiPr)2 (HL). Crystallographic modification of Cd(HL)2L2. <i>Polyhedron</i> , <b>2010</b> , 29, 1837-1841                                                                    | 2.7 | 6 |
| 53 | Unsymmetrical N-Aryl-1-(pyridin-2-yl)methanimine Ligands in Organonickel(II) Complexes: More Than a Blend of 2,2'-Bipyridine and N,N-Diaryl- $\pi$ -Diimines?. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12716-12727                                         | 5.1 | 6 |
| 52 | Platinum and palladium complexes of tridentate $\pi$ -N^N (phen-ide)-pyridine-thiazol ligands [A case study involving spectroelectrochemistry, photoluminescence spectroscopy and TD-DFT calculations. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 518, 120093 | 2.7 | 6 |
| 51 | Platinum alkynyl complexes: Cellular uptake, inhibition of thioredoxin reductase and toxicity in zebrafish embryos. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 495, 118982                                                                                    | 2.7 | 5 |
| 50 | UV/IR Dual-Wavelength Photodetector Design Based on ZnO/PMMA/PbSe Nanocomposites. <i>IEEE Nanotechnology Magazine</i> , <b>2018</b> , 17, 574-581                                                                                                                 | 2.6 | 5 |
| 49 | Synthesis and structural characterisation of unprecedented primary N-nitrosamines coordinated to iridium(IV). <i>Dalton Transactions</i> , <b>2018</b> , 47, 11445-11454                                                                                          | 4.3 | 5 |
| 48 | [2 $\times$ 2] Molecular Grids of Ni(II) and Zn(II) with Redox-Active 1,4-Pyrazine-Bis(thiosemicarbazone) Ligands. <i>Inorganics</i> , <b>2018</b> , 6, 51                                                                                                        | 2.9 | 5 |

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| 47 | Binuclear Arylnickel Complexes with Bridging Bis(arylimino)-1,4-pyrazine Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2444-2455                                                                                                                                                                           | 2.3 | 5 |
| 46 | First Homoleptic Complexes of the Tridentate Pyridine-2,6-ditetrazolate Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2757-2767                                                                                                                                                                             | 2.3 | 5 |
| 45 | Complexes of N-Phosphorylated Thioureas RNHC(S)NHP(O)(OiPr) <sub>2</sub> (R = 2-MeC <sub>6</sub> H <sub>4</sub> , 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> , 2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ) With Nickel(II). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2010</b> , 185, 2426-2432 | 1.3 | 5 |
| 44 | Tetraphenylphosphonium salts of N-thiophosphorylated thiobenzamide, mono-thioureas or bis-thioureas. <i>Heteroatom Chemistry</i> , <b>2010</b> , 21, 343-350                                                                                                                                                                               | 1.2 | 5 |
| 43 | Preparation and Crystal Structure of the Neodymium Borohydride [Li(thf) <sub>4</sub> ] <sub>2</sub> [Nd <sub>2</sub> (EtCl) <sub>2</sub> (BH <sub>4</sub> ) <sub>6</sub> (thf) <sub>2</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 1388-1392                                                    | 1.3 | 5 |
| 42 | Kupferkomplexe des neuen Chelatliganden 1-Methyl-2-(2-thiophenolato)-1H-benzimidazol (mtpb) und dessen Oxidationsprodukten. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 663-671                                                                                                                         | 1.3 | 5 |
| 41 | CdS Nanoparticles Fabricated from the Single-Source Precursor [Cd{Et <sub>2</sub> NC(S)NP(S)(OiPr) <sub>2</sub> } <sub>2</sub> ]: In Depth Experimental and Theoretical Studies. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 3287-3296                                                                                            | 3.5 | 5 |
| 40 | Ni, Pd, and Pt complexes of a tetradentate dianionic thiosemicarbazone-based O <sup>-</sup> N <sup>-</sup> N <sup>-</sup> S ligand. <i>Dalton Transactions</i> , <b>2021</b> , 50, 4311-4322                                                                                                                                               | 4.3 | 5 |
| 39 | Fluorescence Resonance Energy Transfer between an Anti-EGFR Antibody and Bi <sub>2</sub> Se <sub>3</sub> /SiO <sub>2</sub> , ZnS/SiO <sub>2</sub> , and ZnSe/SiO <sub>2</sub> Nanomaterials for Biosensor Purposes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 1564-1571                               | 1.3 | 4 |
| 38 | Immobilization of [VCl <sub>3</sub> (N-2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )] Complex on Silica Supports: Synthesis and Catalytic Testing for Ethylene Polymerization. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 12710-12718                                                                | 3.9 | 4 |
| 37 | Synthesis and characterization of N-phosphorylated thioureas RNHC(S)NHP(O)(OiPr) <sub>2</sub> (R = 2-MeC <sub>6</sub> H <sub>4</sub> , 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> , 2,4,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>Journal of Chemical Sciences</i> , <b>2010</b> , 122, 409-413                         | 1.8 | 4 |
| 36 | Dinuclear Complexes of Copper(I) with Crown Ether-containing N-Thiophosphorylated Bis-thioureas and 2,2'-Bipyridine or 1,10-Phenanthroline: Synthesis, Characterization, and Picrate Extraction Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 2626-2632                                       | 1.3 | 4 |
| 35 | Building up Pt -Thiosemicarbazone-Lysine-sC <sub>18</sub> Conjugates. <i>ChemBioChem</i> , <b>2021</b> , 22, 694-704                                                                                                                                                                                                                       | 3.8 | 4 |
| 34 | Synthesis of a new Aminophosphonate library. Crystal structure of p-XC <sub>6</sub> H <sub>4</sub> NHCH(p-BrC <sub>6</sub> H <sub>4</sub> )P(O)(OiPr) <sub>2</sub> (X = H, Br, CH <sub>3</sub> O). <i>Zeitschrift Fur Kristallographie</i> , <b>2009</b> , 224,                                                                            |     | 3 |
| 33 | Synthesis and characterization of crown ether-containing N-phosphorylated thioureas RC(S)NHP(O)(OiPr) <sub>2</sub> (R = 1-aza-15-crown-5, 1-aza-12-crown-4) and their Co(II) and Ni(II) complexes. <i>Heteroatom Chemistry</i> , <b>2010</b> , 21, 486-491                                                                                 | 1.2 | 3 |
| 32 | Organoplatinum Complexes of the N,N-Diisopropyl-diazabutadiene Ligand: A Structural and Spectroscopic Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 2669-2676                                                                                                                                      | 1.3 | 3 |
| 31 | Special Issue on Platinum Group Chemistry, Part 1:* Electronic Structure of Binuclear Platinum Complexes. <i>Reviews in Inorganic Chemistry</i> , <b>2000</b> , 20, 283-304                                                                                                                                                                | 2.4 | 3 |
| 30 | Algebraic Operations on Delta-Sigma Bit-Streams. <i>Mathematical and Computational Applications</i> , <b>2018</b> , 23, 49                                                                                                                                                                                                                 | 1   | 3 |

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| 29 | Correction to Nitrogen-Nitrogen Bond Formation via a Substrate-Bound Anion at a Mononuclear Nickel Platform. <i>Organometallics</i> , <b>2018</b> , 37, 1086-1086                                                                                                                                                                                                                                                                                                    | 3.8 | 2 |
| 28 | Halide coordinated homoleptic [Fe <sub>4</sub> S <sub>4</sub> X <sub>4</sub> ](2-) and heteroleptic [Fe <sub>4</sub> S <sub>4</sub> X <sub>2</sub> Y <sub>2</sub> ](2-) clusters (X, Y = Cl, Br, I)--alternative preparations, structural analogies and spectroscopic properties in solution and solid state. <i>Dalton Transactions</i> , <b>2016</b> , 45, 361-75                                                                                                  | 4.3 | 2 |
| 27 | Unexpected formation of [(Me <sub>2</sub> -Xyl-DAB)Pd(β-6-methyloct-2-en-1-yl)](SbF <sub>6</sub> ) (Me <sub>2</sub> -Xyl-DAB = 1,3-dimethyl-1,4-bis(2,6-dimethylphenyl)-diazabuta-1,3-diene). <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 821-825                                                                                                                                                                                                | 2.3 | 2 |
| 26 | Synthesis and characterization of N-thiophosphorylated thioureas RC(S)NHP(S)(OiPr) <sub>2</sub> (p-(4-imidazol-1-yl)C <sub>6</sub> H <sub>4</sub> NH, p-NC <sub>6</sub> H <sub>4</sub> NH, (CH <sub>2</sub> CH=C(CH <sub>2</sub> ) <sub>2</sub> N): Unexpected formation of o-HO-C <sub>6</sub> H <sub>4</sub> NHC(S)NHP(S)(OiPr) <sub>2</sub> from p-NC <sub>6</sub> H <sub>4</sub> NHC(S)NHP(S)(OiPr) <sub>2</sub> . <i>Polyhedron</i> , <b>2010</b> , 29, 715-718 | 2.7 | 2 |
| 25 | Crystal structure, vibrational spectra, optical properties and thermal behavior of the 1D perovskite (2-amino-4-methylpyridinium)trichlorocadmate(II) (C <sub>6</sub> H <sub>9</sub> N <sub>2</sub> ) <sub>1</sub> [CdCl <sub>3</sub> ]. <i>Journal of Coordination Chemistry</i> , 1-13                                                                                                                                                                             | 1.6 | 2 |
| 24 | Aqueous solutions of binary ionic liquids: insight into structure, dynamics, and interface properties by molecular dynamics simulations and DFT methods. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 27882-27895                                                                                                                                                                                                                                  | 3.6 | 2 |
| 23 | CuII Complexes and Coordination Polymers with Pyridine or Pyrazine Amides and Amino Benzamides--Structures and EPR Patterns. <i>Inorganics</i> , <b>2020</b> , 8, 65                                                                                                                                                                                                                                                                                                 | 2.9 | 2 |
| 22 | Encapsulation and Release of Doxorubicin from TiO Nanotubes: Experiment, Density Functional Theory Calculations, and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 5549-5558                                                                                                                                                                                                                                            | 3.4 | 2 |
| 21 | DFT Investigation of the Molecular Properties of the Dimethylglyoximate Complexes [M(Hdmg) <sub>2</sub> ] (M = Ni, Pd, Pt). <i>Inorganics</i> , <b>2021</b> , 9, 47                                                                                                                                                                                                                                                                                                  | 2.9 | 2 |
| 20 | Ruthenium-Catalyzed E-Selective Partial Hydrogenation of Alkynes under Transfer-Hydrogenation Conditions using Paraformaldehyde as Hydrogen Source. <i>ChemCatChem</i> , <b>2021</b> , 13, 1317-1325                                                                                                                                                                                                                                                                 | 5.2 | 2 |
| 19 | Reactions of the organoplatinum complex [Pt(cod)(neoSi)Cl] (neoSi = trimethylsilylmethyl) with the non-coordinating anions SbF <sub>6</sub> <sup>-</sup> and BPh <sub>4</sub> <sup>-</sup> . <i>Open Chemistry</i> , <b>2018</b> , 16, 1214-1226                                                                                                                                                                                                                     | 1.6 | 2 |
| 18 | Controlling Nuclearity and Stereochemistry in Vanadyl(V) and Mixed Valent VIV/VV Complexes of Oxido-Pincer Pyridine-2,6-dimethanol Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 1805-1815                                                                                                                                                                                                                                 | 1.3 | 2 |
| 17 | Synthesis, Spectroscopic Properties, and Crystal Structure of 2,2'-Bipyridyldimesitylnickel(II) <b>2001</b> , 627, 645                                                                                                                                                                                                                                                                                                                                               |     | 2 |
| 16 | A new whole-cell biocatalyst for sulfur dioxide filtering and degradation. <i>Bioresource Technology</i> , <b>2020</b> , 314, 123755                                                                                                                                                                                                                                                                                                                                 | 11  | 1 |
| 15 | Heteroleptic Complexes of the Tridentate Pyridine-2,6-di-tetrazolate Ligand. <i>ChemistrySelect</i> , <b>2017</b> , 2, 5849-5859                                                                                                                                                                                                                                                                                                                                     | 1.8 | 1 |
| 14 | Tracing the Iron Nitrosyl Complex [Fe(2,2'-bipyridine)(CN) <sub>3</sub> (NO)]-- <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1033-1040                                                                                                                                                                                                                                                                                                       | 2.3 | 1 |
| 13 | Nitrocellulose Membrane, Modified by RC(S)NHP(X)(OiPr) <sub>2</sub> (X = S, R = PhNH; X = O, R = PhNH, Ph), for Sorption Extraction of Cobalt Cations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2010</b> , 185, 1815-1822                                                                                                                                                                                                                 | 1   | 1 |
| 12 | Impact of the chemical structure on the distribution of neuroprotective N-alkyl-9H-carbazoles at octanol/water interfaces. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 1211-1220                                                                                                                                                                                                                                                                             | 3.6 | 1 |

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| 11 | Dynamics of the efficient cyclometalation of the undercoordinated organoplatinum complex [Pt(COD)(neoPh)] <sup>+</sup> (neoPh = 2-methyl-2-phenylpropyl). <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 19238-19249 <sup>3.6</sup> |     | 1 |
| 10 | Sustained release of a thiosemicarbazone from antibacterial electrospun poly(lactic-co-glycolic acid) fiber mats. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 3182-3193                                                | 3.2 | 1 |
| 9  | Zn capped Al <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub> nanoporous arrays as pH sensitive drug delivery systems: a combined experimental and simulation study. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 16602-16612     | 3.6 | 1 |
| 8  | Role of the X Coligands in Cyclometalated [Ni(Phbpy)X] Complexes (HPhbpy = 6-Phenyl-2,2'-bipyridine). <i>Organometallics</i> , <b>2021</b> , 40, 1776-1785                                                                               | 3.8 | 1 |
| 7  | Logic Operators on Delta-Sigma Bit-Streams. <i>Mathematical and Computational Applications</i> , <b>2018</b> , 23, 4                                                                                                                     | 1   | 1 |
| 6  | Redox Instability of Copper(II) Complexes of a Triazine-Based PNP Pincer. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1140-1151                                                                                 | 2.3 | 0 |
| 5  | Dinuclear Nickel(II) and Copper(II) Complexes of 8-Quinoline-1H-pyrazole-3-carboxamide: Crystal Structure, Magnetic Properties, and DFT Calculations. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1786-1795     | 2.3 | 0 |
| 4  | Tetraorganopnictonium and Alkali Metal Salts of Pyridine-2,6-di-tetrazolate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 1997-2004                                                                    | 1.3 |   |
| 3  | Luminescent Pd(II) Complexes with Tridentate [Aryl-pyridine-(benzo)thiazole Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2022</b> , 648, e202100278                                                           | 1.3 |   |
| 2  | Thiosemicarbazone Complexes of Uranium(IV). <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1137-1139                                                                                                               | 1.3 |   |
| 1  | Structure, optical and magnetic properties of the pyridinium cobaltate (C <sub>6</sub> H <sub>9</sub> N <sub>2</sub> ) <sub>2</sub> [CoCl <sub>4</sub> ]. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 121003                          | 2.7 |   |