

# Rafal Kruszynski

## List of Publications by Citations

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272  
papers

3,086  
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25  
h-index

37  
g-index

290  
ext. papers

3,370  
ext. citations

2.8  
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L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 272 | New bond-valence parameters for lanthanides. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2004</b> , 60, 174-8   |     | 161       |
| 271 | AIDS-related lymphoma screen results and molecular structure determination of a new crown ether bearing aziridinylcyclophosphazene, potentially capable of ion-regulated DNA cleavage action. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 322, 138-144  | 2.7 | 90        |
| 270 | Can Stacking Interactions Exist Beyond the Commonly Accepted Limits?. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 587-595   | 3.5 | 68        |
| 269 | New lanthanide-nitrogen bond-valence parameters. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2005</b> , 61, 429-34  |     | 63        |
| 268 | Bond-valence parameters of lanthanides. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2006</b> , 62, 745-53   |     | 56        |
| 267 | Structural diversity and magnetic properties of thiocyanate copper(II) complexes. <i>Polyhedron</i> , <b>2013</b> , 52, 1276-1286  | 2.7 | 51        |
| 266 | Unique mononuclear Mn(II) complexes of an end-off compartmental Schiff base ligand: experimental and theoretical studies on their bio-relevant catalytic promiscuity. <i>Dalton Transactions</i> , <b>2016</b> , 45, 12409-22                              | 4.3 | 46        |
| 265 | Conformationally restricted peptides as tools in opioid receptor studies. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 471-81  | 4.3 | 44        |
| 264 | Novel Pd(II)-salen complexes showing high in vitro anti-proliferative effects against human hepatoma cancer by modulating specific regulatory genes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 10854-64   | 4.3 | 41        |
| 263 | Enzymatic degradation studies of endomorphin-2 and its analogs containing N-methylated amino acids. <i>Peptides</i> , <b>2006</b> , 27, 131-5  | 3.8 | 37        |
| 262 | Thiocyanate manganese(II) and cobalt(II) complexes of bis(pyrazol-1-yl)methane and bis(3,5-dimethylpyrazol-1-yl)methane: Syntheses, spectroscopic characterization, X-ray structure and magnetic properties. <i>Polyhedron</i> , <b>2013</b> , 56, 189-199 | 2.7 | 35        |
| 261 | Novel oxorhenium complexes with 2-(2'-hydroxyphenyl)-2-benzothiazolinato ligand: X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , <b>2008</b> , 27, 1679-1689   | 2.7 | 34        |
| 260 | Novel copper complexes based on the thiocyanate bridge: Synthesis, X-ray studies and magnetic properties. <i>Polyhedron</i> , <b>2011</b> , 30, 832-840  | 2.7 | 32        |
| 259 | Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of copper(II) complex with 2-(2-pyridyl)benzimidazole. <i>Polyhedron</i> , <b>2009</b> , 28, 1348-1354   | 2.7 | 31        |
| 258 | Seven-coordinated chiral uranyl(VI) salen complex as effective catalyst for C-H bond activation of dialkylanilines under visible light. <i>Polyhedron</i> , <b>2017</b> , 124, 177-183   | 2.7 | 30        |
| 257 | Synthesis and characterization of 2-substituted benzimidazoles and their evaluation as anticancer agent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 142, 286-91  | 4.4 | 29        |
| 256 | Spin Crossover in Double Salts Containing Six- and Four-Coordinate Cobalt(II) Ions. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6281-6296   | 5.1 | 28        |

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|-----|---|-----|----|
| 255 | Syntheses, structures, thermal and luminescent properties of cadmium(II) complexes based on quinazoline and phthalazine. <i>Polyhedron</i> , <b>2013</b> , 54, 272-284  | 2.7 | 28 |
| 254 | Oxorhenium(V) complexes with quinoline-2-carboxylate ligand. X-ray structure of [ReOCl <sub>2</sub> (quin-2-c)(PPh <sub>3</sub> )] and [ReOBr <sub>2</sub> (quin-2-c)(AsPh <sub>3</sub> )] complexes: DFT and TD-DFT calculations for [ReOCl <sub>2</sub> (quin-2-c)(PPh <sub>3</sub> )]. <i>Polyhedron</i> , <b>2007</b> , 26, 3686-3694   | 2.7 | 28 |
| 253 | Synthesis and biological activity of N-methylated analogs of endomorphin-2. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 6713-7  | 3.4 | 27 |
| 252 | Magnetic properties, crystal and molecular structure of (NBu <sub>4</sub> ) <sub>2</sub> [ReCl <sub>4</sub> (ox)]. <i>Journal of Molecular Structure</i> , <b>2001</b> , 595, 225-231   | 3.4 | 27 |
| 251 | Copper(II) complexes with 2,2',6,6'-terpyridine, 2,6-di(thiazol-2-yl)pyridine and 2,6-di(pyrazin-2-yl)pyridine substituted with quinolines. Synthesis, structure, antiproliferative activity, and catalytic activity in the oxidation of alkanes and alcohols with peroxides. <i>Dalton Transactions</i> , <b>2019</b> , 48, 12656-12673  | 4.3 | 26 |
| 250 | Novel bimetallic thiocyanate-bridged Cu(II)Hg(II) compounds: Synthesis, X-Ray studies and magnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 197, 218-227   | 3.3 | 26 |
| 249 | Coordination studies of 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine towards Cu <sup>2+</sup> cation. X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , <b>2008</b> , 27, 2959-2967  | 2.7 | 26 |
| 248 | Structure-property relationships of a tetrapyrroldinyl PNP-lariat ether and its complexes with potassium, sodium, and silver cations. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 3704-10  | 5.1 | 26 |
| 247 | Coordination assemblies of Cd(II) with 2,2':6',2''-terpyridine (terpy), 2,3,5,6-tetra-(2-pyridyl)pyrazine (tppz) and pseudohalide ions: Structural diversification and luminescence properties. <i>CrystEngComm</i> , <b>2015</b> , 17, 830-845   | 3.3 | 25 |
| 246 | Synthesis, spectroscopic and structural characterizations of two new complexes of ruthenium with 2-(hydroxymethyl)benzimidazole and 1,10-phenanthroline ligands. <i>Polyhedron</i> , <b>2009</b> , 28, 3891-3898  | 2.7 | 25 |
| 245 | Synthesis, spectroscopic and electronic characterizations of two half sandwich ruthenium(II) complexes with 2-(2'-hydroxyphenyl)-benzoxazole and 4-picolinic acid ligands. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 1096-1108  | 2.3 | 25 |
| 244 | Manganese(II) complexes of 2,3,5,6-tetra-(2-pyridyl)pyrazine: Syntheses, crystal structures, spectroscopic, magnetic and catalytic properties. <i>Polyhedron</i> , <b>2013</b> , 53, 132-143  | 2.7 | 23 |
| 243 | Reactivity of [ReOX <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ] and [ReOX <sub>3</sub> (AsPh <sub>3</sub> ) <sub>2</sub> ] towards 2-(2-hydroxyphenyl)-1H-benzimidazole: Synthesis, X-ray studies, spectroscopic characterization and DFT calculations for [ReOX <sub>2</sub> (hpb)(EPh <sub>3</sub> )] and [ReO(OMe)(hpb) <sub>2</sub> ][MeCN]. <i>Polyhedron</i> , <b>2009</b> , 28, 2949-2964  | 2.7 | 23 |
| 242 | New derivatives of quinazoline and 1,2-dihydroquinazoline n <sub>3</sub> -oxide with expected antitumor activity. <i>Archiv Der Pharmazie</i> , <b>2004</b> , 337, 239-46   | 4.3 | 23 |
| 241 | Synthesis and spectroscopic studies of the optically active copper(II), cobalt(II) and nickel(II) complexes with Schiff bases N,N'-(1R,2R)-[1,2-cyclohexylenebis(3-methoxybenzylideneiminato)], N,N'-(1R,2R)-[1,2-cyclohexylenebis(5-methoxybenzylideneiminato)] and X-ray diffraction structure of the [Cu(II)(1R,2R)-[1,2-cyclohexylenebis(5-methylbenzylideneiminato)] <sub>2</sub> ]. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 3642-3652 | 2.7 | 23 |
| 240 | Synthesis and antinociceptive activity of cyclic endomorphin-2 and morphiceptin analogs. <i>Biochemical Pharmacology</i> , <b>2005</b> , 71, 188-95   | 6   | 23 |
| 239 | Crystal structure and magnetic properties of the 1D bimetallic thiocyanate bridged compound: {(CuL <sub>1</sub> )[Co(NCS) <sub>4</sub> ]}(L <sub>1</sub> = N-rac-5,12-Me <sub>2</sub> -[14]-4,11-dieneN <sub>4</sub> ). <i>Polyhedron</i> , <b>2008</b> , 27, 1401-1407   | 2.7 | 22 |
| 238 | Effect of N-donor ancillary ligands on structural and magnetic properties of oxalate copper(II) complexes. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1611-1626  | 3.6 | 21 |

- 237 The synthesis, crystal structure and thermal studies of a mixed-ligand 1,10-phenanthroline and hexamethylenetetramine complex of lanthanum nitrate. Insight into coordination sphere geometry changes of lanthanide(III) 1,10-phenanthroline complexes. *Transition Metal Chemistry*, **2007**, 32, 625-633 2.1 21
- 236 Structural and magnetic characteristics of tetramethylammonium tetrahalogenoferrates(III). *Inorganica Chimica Acta*, **2008**, 361, 262-268 2.7 21
- 235 Linear and bent oxo-bridged dinuclear rhenium(V) complexes with terminal and bridging pyrazole ligands. *Inorganica Chimica Acta*, **2004**, 357, 1011-1022 2.7 21
- 234 Synthesis, molecular, crystal and electronic structures of  $[(C_6H_6)RuCl(HPz)_2]Cl$  and  $[(C_6H_6)RuCl_2(Me_2HPz)]$ . *Polyhedron*, **2004**, 23, 885-894 2.7 21
- 233 Synthesis, crystal, molecular and electronic structure of the  $[ReBr_3(NO)(AsPh_3)(pzH)]$  complex. *Polyhedron*, **2004**, 23, 2523-2531 2.7 21
- 232 Synthesis, crystal, molecular and electronic structure of the  $[Re(NO)Cl_2(PPh_3)(PPh_2py-P,N)]$  complex. *Polyhedron*, **2006**, 25, 1985-1993 2.7 20
- 231 Copper(II) complexes of bis(pyrazol-1-yl)methane  $\square$  Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. *Polyhedron*, **2011**, 30, 864-872 2.7 19
- 230 Cu(II) salen complex with propylene linkage: An efficient catalyst in the formation of CX bonds (X = N, O, S) and biological investigations. *Journal of Molecular Structure*, **2017**, 1130, 122-127 3.4 18
- 229 Rhenium(I) carbonyl complex of 4,7-diphenyl-1,10-phenanthroline  $\square$  Spectroscopic properties, X-Ray structure, theoretical studies of ground and excited electronic states. *Journal of Organometallic Chemistry*, **2011**, 696, 3068-3075 2.3 18
- 228 X-ray and electronic structure of the  $[ReCl_3(pzH)_2(PPh_3)]$  and  $[ReCl_3(3,5-Me_2pzH)_2(PPh_3)]$  complexes. *Polyhedron*, **2004**, 23, 1819-1827 2.7 18
- 227 Thiocyanate cadmium(II) coordination compounds with 2,3,5,6-tetrakis(2-pyridyl)pyrazine  $\square$  Synthesis, structure and luminescent properties. *Polyhedron*, **2017**, 135, 109-120 2.7 17
- 226 Synthesis, molecular, crystal and electronic structure of  $[RuCl_2(PPh_3)_2(C_3N_2H_4)_2]$ . *Inorganic Chemistry Communication*, **2003**, 6, 721-724 3.1 17
- 225 Copper(I) complexes with phosphines  $P(p-OCH-Ph)CHOH$  and  $P(p-OCH-Ph)CHSarGly$ . Synthesis, multimodal DNA interactions, and prooxidative and in vitro antiproliferative activity. *Journal of Inorganic Biochemistry*, **2020**, 203, 110926 4.2 17
- 224 Thiocyanate cadmium(II) complexes of 2,4,6-tri(2-pyridyl)-1,3,5-triazine  $\square$  Synthesis, structure and luminescence properties. *Journal of Luminescence*, **2014**, 156, 240-254 3.8 16
- 223 Molecular, spectroscopic, and magnetic properties of cobalt(II) complexes with heteroaromatic N(O)-donor ligands. *Structural Chemistry*, **2012**, 23, 1219-1232 1.8 16
- 222 Rhenium(IV)  $\square$  Copper(II) heterobimetallic complexes: Synthesis, crystal structure and magnetic properties. *Polyhedron*, **2008**, 27, 2464-2470 2.7 16
- 221 Synthesis, crystal, molecular and electronic structure of  $[ReOCl_3(phen)]$  and  $[ReCl_2(phen)(PPh_3)_2](ReO_4)$  complexes. *Polyhedron*, **2006**, 25, 2537-2549 2.7 16
- 220 2,2':6'',2'''-Terpyridine Analogues: Structural, Electrochemical, and Photophysical Properties of 2,6-Di(thiazol-2-yl)pyridine Derivatives. *European Journal of Organic Chemistry*, **2017**, 2017, 2730-2745 3.2 15

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|-----|---|-----|----|
| 219 | Alkali metal halogenides coordination compounds with hexamethylenetetramine. <i>Structural Chemistry</i> , <b>2012</b> , 23, 1643-1656  | 1.8 | 15 |
| 218 | Magnesium sulphate complexes with hexamethylenetetramine and 1,10-phenanthroline. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 109, 141-152   | 4.1 | 15 |
| 217 | Synthesis, spectroscopic characterization, crystal and molecular structure of [ReOBr(hmqin-7-COOH) <sub>2</sub> ] and [ReOCl(hmqin-7-COOH) <sub>2</sub> ][MeCN] complexes. DFT and TD-DFT calculations for [ReOBr(hmqin-7-COOH) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2009</b> , 28, 493-500 | 2.7 | 15 |
| 216 | Novel oxorhenium complexes with 2-(2'-hydroxy-5'-methylphenyl)benzotriazolato ligand. X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , <b>2009</b> , 28, 1211-1220   | 2.7 | 15 |
| 215 | Synthesis of coordination compounds via dehalogenation of zinc bromoacetate in presence of some amines. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 371, 111-123   | 2.7 | 15 |
| 214 | Reactivity of [ReOX <sub>3</sub> (AsPh <sub>3</sub> ) <sub>2</sub> ] (X=Cl, Br) complexes towards gaseous nitric oxide.. <i>Polyhedron</i> , <b>2002</b> , 21, 2617-2629  | 2.7 | 15 |
| 213 | Structural elucidation and physicochemical properties of mononuclear Uranyl(VI) complexes incorporating dianionic units. <i>Scientific Reports</i> , <b>2016</b> , 6, 32898   | 4.9 | 14 |
| 212 | Synthesis, spectroscopic characterization, X-ray structure, and DFT calculations of [Cu(tppz)(SCN) <sub>2</sub> ]. <i>Structural Chemistry</i> , <b>2013</b> , 24, 89-96  | 1.8 | 14 |
| 211 | Synthesis, crystal structure, magnetic properties and EPR studies of Cu/Hg bimetallic thiocyanato-bridged coordination polymer. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 1369-1373   | 2.7 | 14 |
| 210 | The reactions between [RuHCl(CO)(PPh <sub>3</sub> ) <sub>3</sub> ] and quinoline carboxylic acids. <i>Polyhedron</i> , <b>2007</b> , 26, 5120-5130  | 3.0 | 14 |
| 209 | Magnetic Characteristics of Tetrabutylammonium Tetrahalogenoferrates(III): X-ray Crystal Structure of Tetrabutylammonium Tetrabromoferrate(III). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 2071-2076   | 1.3 | 14 |
| 208 | Structural and Physicochemical Characteristics of Tetrabutylammonium Tetrahalogenoferrates(III), [(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> N][FeBr <sub>4</sub> Cl <sub>n</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 624-628                | 1.3 | 14 |
| 207 | DFT calculation and X-ray structure of the [ReCl <sub>3</sub> (pzH) <sub>3</sub> ] complex. <i>Polyhedron</i> , <b>2004</b> , 23, 2005-2011   | 2.7 | 14 |
| 206 | Synthesis, spectroscopic investigation and X-ray structure of mononuclear and binuclear oxo complexes of rhenium(V) with pyrazolato ligands. <i>Transition Metal Chemistry</i> , <b>2003</b> , 28, 939-947  | 2.1 | 14 |
| 205 | Synthesis and characterization of [RuCl <sub>2</sub> (picoline) <sub>4</sub> ] complexes: Crystal structure of [RuCl <sub>2</sub> (Epic) <sub>4</sub> ]. <i>Polyhedron</i> , <b>2005</b> , 24, 1445-1453  | 2.7 | 14 |
| 204 | Reaction of [(C <sub>6</sub> H <sub>6</sub> )RuCl <sub>2</sub> ] <sub>2</sub> with 7,8-benzoquinoline and 8-hydroxyquinoline. <i>Polyhedron</i> , <b>2005</b> , 24, 3012-3021   | 3.0 | 14 |
| 203 | Folic acid-mediated re-shuttling of ferritin receptor specificity towards a selective delivery of highly cytotoxic nickel(II) coordination compounds. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 126, 1099-1111  | 7.9 | 14 |
| 202 | Photoluminescence enhancement of Re(i) carbonyl complexes bearing D-A and D-FA ligands. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4441-4453  | 4.3 | 13 |

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|-----|---|-----|----|
| 201 | The influence of pseudohalide ligands on the SIM behaviour of four-coordinate benzylimidazole-containing cobalt(II) complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5831-5842   | 4.3 | 13 |
| 200 | Synthesis, structure and luminescence properties of cadmium(II) complexes with 2,4,6-tri(2-pyridyl)-1,3,5-triazine. <i>Journal of Luminescence</i> , <b>2014</b> , 146, 64-75   | 3.8 | 13 |
| 199 | Syntheses, structures, spectroscopic properties and DFT calculations of Re(V)-benzothiazole and 2-(2-aminophenyl)benzothiazole complexes. <i>Polyhedron</i> , <b>2012</b> , 40, 93-104  | 2.7 | 13 |
| 198 | Preparation, Crystal Structure and Explosive Properties of Copper(II) Perchlorate Complex with 4-Amino-1,2,4-Triazole and Water. <i>Propellants, Explosives, Pyrotechnics</i> , <b>2011</b> , 36, 151-159   | 1.7 | 13 |
| 197 | Oxorhenium complexes with the 8-quinolinolato ligand. X-ray structure and DFT calculations for [ReOX <sub>2</sub> (hqn)(AsPh <sub>3</sub> )] and [ReOX <sub>2</sub> (hqn)(PPh <sub>3</sub> )] complexes. <i>Polyhedron</i> , <b>2007</b> , 26, 2837-2844                        | 2.7 | 13 |
| 196 | Seven-coordinate rhenium(III) complexes of 1-(2-pyridylazo)-2-naphtholate: X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , <b>2008</b> , 27, 3013-3019  | 2.7 | 13 |
| 195 | Search of structure and ligands exchange for palladium(II) complexes with N-allylimidazole; X-ray and solid-state/solution NMR studies. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 869-878   | 2.3 | 13 |
| 194 | Synthesis and magnetic characteristic of new tetrabromo- and tetrachloroferrates(III) with 2-methylquinolinium cation: X-ray crystal structure of bis(2-methylquinolinium) bromide tetrabromoferrate(III). <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 1582-1588        | 2.7 | 13 |
| 193 | Exploration of Cd(II)/pseudohalide/di-2-pyridyl ketone chemistry: Rational synthesis, structural analysis and photoluminescence. <i>CrystEngComm</i> , <b>2016</b> , 18, 2650-2663  | 3.3 | 12 |
| 192 | Heterobimetallic Mn(II)Hg(II) polynuclear complexes containing Hg(SCN) <sub>4</sub> <sup>2-</sup> unit: Synthesis, spectroscopic investigations, X-ray studies and magnetic properties. <i>Polyhedron</i> , <b>2011</b> , 30, 2499-2504   | 2.7 | 12 |
| 191 | X-ray structure, spectroscopic characterisation and DFT calculations of the [Re(CO) <sub>3</sub> (dppt)Cl] complex. <i>Polyhedron</i> , <b>2007</b> , 26, 1590-1596   | 2.7 | 12 |
| 190 | The reactions of 2-benzoylpyridine with [RuHCl(CO)(PPh <sub>3</sub> ) <sub>3</sub> ] and [(C <sub>6</sub> H <sub>6</sub> )RuCl <sub>2</sub> ] <sub>2</sub> . <i>Polyhedron</i> , <b>2007</b> , 26, 2686-2694  | 2.7 | 12 |
| 189 | New oxorhenium complexes with 2-(2'-hydroxyphenyl)-2-benzoxazolinato ligand. X-ray structure and DFT calculations for [ReOX <sub>2</sub> (hbo)(AsPh <sub>3</sub> )] and [ReOX <sub>2</sub> (hbo)(PPh <sub>3</sub> )] complexes. <i>Polyhedron</i> , <b>2007</b> , 26, 3455-3464 | 2.7 | 12 |
| 188 | Tricarbonyl rhenium complexes of bis(pyrazol-1-yl)methane and bis(3,5-dimethylpyrazol-1-yl)methane: Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , <b>2008</b> , 27, 1767-1778  | 2.7 | 12 |
| 187 | Synthesis, structure and properties of aquabis(2,4'-bipyridine)di(propionato-O)copper(II). <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 165-173   | 1.6 | 12 |
| 186 | A novel carboxylic coordination polymer of samarium(III): [Sm(H <sub>2</sub> O)(4,4'-bipyridine)(CCL <sub>2</sub> HCOO) <sub>3</sub> ] <sub>n</sub> . <i>Journal of Coordination Chemistry</i> , <b>2006</b> , 59, 681-690  | 1.6 | 12 |
| 185 | Synthesis, crystal, molecular and electronic structure of the [ReOCl <sub>2</sub> (pzH) <sub>2</sub> (OAsPh <sub>3</sub> )](ReO <sub>4</sub> ) and [{ReCl <sub>2</sub> (pzH) <sub>2</sub> ] <sub>2</sub> (EO)] complexes. <i>Polyhedron</i> , <b>2006</b> , 25, 1111-1124       | 2.7 | 12 |
| 184 | The reactivity of mer-[ReOBr <sub>3</sub> (bipy)] towards gaseous nitric oxide. The crystal, molecular and electronic structure of mer-[ReOBr <sub>3</sub> (bipy)] and [ReBr <sub>4</sub> (bipy)]. <i>Polyhedron</i> , <b>2003</b> , 22, 2573-2580                              | 2.7 | 12 |



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|-----|---|-----|----|
| 183 | Magnetic properties and molecular structure of a binuclear alternative bridged Cu(II)Re(IV) complex containing a macrocyclic ligand. <i>Polyhedron</i> , <b>2014</b> , 75, 1-8  | 2.7 | 11 |
| 182 | Chiral anionic binuclear zinc complexes based on diaminocyclohexane ligand and their in vitro antiproliferative studies. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 46, 73-80   | 3.1 | 11 |
| 181 | Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of novel mononuclear Re(V) complex with imidazole-derived ligand. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1358-1361  | 3.1 | 11 |
| 180 | New oxorhenium complexes with the 8-quinolinolato ligand: X-ray structure and DFT calculations for [ReOBr(hqn) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2007</b> , 26, 2957-2963  | 2.7 | 11 |
| 179 | A novel tricarbonyl rhenium complex of 2-benzoylpyridine [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 4161-4167  | 2.3 | 11 |
| 178 | Coordination polymer of lanthanum: synthesis, properties and crystal structure of [La(4,4'-bipyridine)(CCL <sub>2</sub> HCOO) <sub>3</sub> (H <sub>2</sub> O)] <sub>n</sub> . <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2659-2669  | 1.6 | 11 |
| 177 | A new regioselective method of macrobicyclic Schiff bases synthesis. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 649-658  | 2.7 | 11 |
| 176 | Structural and spectroscopic studies on rhenium(III) diphenyl(2-pyridyl)phosphine oxide complexes. <i>Polyhedron</i> , <b>2006</b> , 25, 2663-2672  | 2.7 | 11 |
| 175 | Synthesis and magnetic characteristics of new tetrachloroferrates(III) with quinolinium and 4-amino-2-methylquinolinium cation. X-ray crystal structure of 4-amino-2-methylquinolinium tetrachloroferrate(III). <i>Transition Metal Chemistry</i> , <b>2006</b> , 31, 765-769                           | 2.1 | 11 |
| 174 | Crystal, molecular and electronic structure of the [ReCl <sub>3</sub> (bipy)(PPh <sub>3</sub> )] complex. <i>Polyhedron</i> , <b>2005</b> , 24, 701-709   | 2.7 | 11 |
| 173 | A (salicylaldiminato)Pt(II) complex with dimethylpropylene linkage: Synthesis, structural characterization and antineoplastic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 176, 150-156   | 6.7 | 10 |
| 172 | Novel Re(I) tricarbonyl coordination compound of 5-amino-1,10-phenanthroline [Synthesis, structural, photophysical and computational studies. <i>Journal of Luminescence</i> , <b>2016</b> , 171, 166-175   | 3.8 | 10 |
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| 169 | Novel tricarbonyl rhenium complexes of 5,8-quinolinedione derivatives [Synthesis, spectroscopic characterisation, X-ray structure and DFT calculations. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 731-738   | 2.3 | 10 |
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| 167 | Synthesis, spectroscopic and structural characterization of new complex of ruthenium(II) with Hmtpo ligand. <i>Polyhedron</i> , <b>2010</b> , 29, 1023-1028   | 2.7 | 10 |
| 166 | Heterobimetallic Cu(II)Hg(II) polynuclear complexes containing Hg(SCN) <sub>4</sub> unit [Synthesis, spectroscopic investigations, X-ray studies and magnetic properties. <i>Polyhedron</i> , <b>2010</b> , 29, 2023-2032   | 2.7 | 10 |

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| 165 | Synthesis and magnetic characteristics of new tetrachloroferrates(III) with 2-methylpyridinium, 3-methylpyridinium and 4-methylpyridinium cations: X-ray crystal structure of 4-methylpyridinium tetrachloroferrate(III). <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3354-3360  | 2.7 | 10 |
| 164 | A novel tricarbonyl rhenium complex of 2,6-bis(pyrazo-1-yl)-pyridine [X-ray structure, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , <b>2007</b> , 26, 2470-2476  | 2.7 | 10 |
| 163 | Synthesis, crystal, molecular, and electronic structure of [ReOCl <sub>3</sub> (bpzm)] complex. <i>Polyhedron</i> , <b>2007</b> , 26, 2581-2588  | 2.7 | 10 |
| 162 | Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of five-coordinated chlorocopper(II) complex with bis(3,5-dimethylpyrazol-1-yl)methane. <i>Polyhedron</i> , <b>2008</b> , 27, 2513-2518  | 2.7 | 10 |
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| 157 | Zn(II) complex derived from bidentate Schiff base ligand: Synthesis, characterization, DFT studies and evaluation of anti-inflammatory activity. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1201, 127177  | 3.4 | 10 |
| 156 | Design, structural investigations and antimicrobial activity of pyrazole nucleating copper and zinc complexes. <i>Polyhedron</i> , <b>2021</b> , 195, 114991   | 2.7 | 10 |
| 155 | Cd(II) complex constructed from dipyriddy imine ligand: Design, synthesis and exploration of its photocatalytic degradation properties. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 471, 698-704  | 2.7 | 10 |
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| 150 | Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of [Re(CO) <sub>3</sub> L <sub>2</sub> Cl] (L=1,2,4-triazolo-[1,5-a]pyrimidine). <i>Polyhedron</i> , <b>2009</b> , 28, 2571-2578   | 2.7 | 9  |
| 149 | Channel-containing structure built of 3D sodium nitrate coordination polymer. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 2167-2177   | 1.6 | 9  |
| 148 | Synthesis, crystal, molecular and electronic structure of the [Re(NO) <sub>0.87</sub> Br <sub>2.13</sub> (PPh <sub>3</sub> )(PPh <sub>2</sub> py-P,N)] complex and DFT calculations of [Re(NO)Br <sub>2</sub> (PPh <sub>3</sub> )(PPh <sub>2</sub> py-P,N)]. <i>Journal of Molecular Structure</i> , <b>2007</b> , 837, 92-100 | 3.4 | 9  |



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| 147 | Novel rhenium(III) complexes with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine: X-ray structures and DFT calculations for [ReCl <sub>3</sub> (OPPh <sub>3</sub> )(dppt)] and [ReCl <sub>3</sub> (PPh <sub>3</sub> )(dppt)] complexes. <i>Polyhedron</i> , <b>2007</b> , 26, 4427-4435   | 2.7 | 9 |
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| 143 | The structure and thermal behaviour of sodium and potassium multinuclear compounds with hexamethylenetetramine. <i>Structural Chemistry</i> , <b>2012</b> , 23, 451-459  | 1.8 | 8 |
| 142 | On the governing of alkaline earth metal nitrate coordination spheres by hexamethylenetetramine. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 42-55  | 1.6 | 8 |
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| 129 | Novel rhenium oxocomplexes of indazole-3-carboxylic acid □ Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , <b>2010</b> , 29, 2061-2069  | 2.7 | 7 |
| 128 | A new ruthenium(II) hydride carbonyl complex with pyrimidine ligand. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 2186-2196  | 1.6 | 7 |
| 127 | A novel tricarbonyl rhenium complex of 2-thienyl-N,N-bis(2-thienylmethylene)methanediamine □ X-ray structure, spectroscopic characterisation and DFT calculations. <i>Polyhedron</i> , <b>2007</b> , 26, 2543-2549   | 2.7 | 7 |
| 126 | Reactivity of [ReOX <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ] complexes towards pyridazine. X-ray structures of [(ReOCl <sub>2</sub> ) <sub>2</sub> (EO)(Epyd) <sub>2</sub> ][C <sub>6</sub> H <sub>6</sub> ] and [(ReOBr <sub>2</sub> ) <sub>2</sub> (EO)(Epyd) <sub>2</sub> ][CH <sub>3</sub> CN], and DFT calculations for [(ReOCl <sub>2</sub> ) <sub>2</sub> (EO)(Epyd) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2007</b> , 26, 3054-3062                     | 2.7 | 7 |
| 125 | The synthesis, spectroscopic characterisation, crystal and molecular structure of the [ReCl <sub>3</sub> (NO)(OPPh <sub>3</sub> )(pyz)] complex. DFT calculations for [ReCl <sub>3</sub> (NO)(OPPh <sub>3</sub> )(pyz)] and [ReCl <sub>3</sub> (NO)(OPPh <sub>3</sub> )(PPh <sub>3</sub> )]. <i>Polyhedron</i> , <b>2005</b> , 24, 267-279   | 2.7 | 7 |
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| 120 | Structurally diverse coordination compounds of zinc as effective precursors of zinc oxide nanoparticles with various morphologies. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4812   | 3.1 | 6 |
| 119 | Synthesis, crystal structure and magnetic properties of H <sub>2</sub> tppz[ReCl <sub>6</sub> ] and [Cu(bpzm) <sub>2</sub> (ECl)ReCl <sub>3</sub> (Ebx)Cu(bpzm) <sub>2</sub> (Ebx)ReCl <sub>3</sub> (ECl)] <sub>n</sub> . <i>Dalton Transactions</i> , <b>2015</b> , 44, 17118-28  | 4.3 | 6 |
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| 111 | A novel terpyridyl rhenium(II) complex [Synthesis, spectroscopic characterization and X-ray structure. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 918-920  | 3.1 | 6 |
| 110 | Short intermolecular N-Br...O=C contacts in 1,3-dibromo-5,5-dimethylimidazolidine-2,4-dione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2007</b> , 63, o389-91   |     | 6 |
| 109 | Synthesis, molecular, crystal and electronic structure of [RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> (3,5-Me <sub>2</sub> HPz) <sub>2</sub> ]. <i>Structural Chemistry</i> , <b>2008</b> , 19, 63-69  | 1.8 | 6 |
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| 99  | New fluorescent compounds based on zinc thiocyanate: influence of structure on spectral properties. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2017</b> , 73, 1144-1150  | 0.8 | 5 |
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| 90 | The reaction between [RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> ] and hydroxyquinoline carboxylic acid. <i>Structural Chemistry</i> , <b>2008</b> , 19, 257-263  | 1.8 | 5 |
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| 82 | Synthesis and activity of opioid peptidomimetics with D and L amino acids. <i>Peptides</i> , <b>2017</b> , 95, 116-123  | 3.8 | 4 |
| 81 | The Synthesis of Zinc(II) and Cadmium(II) 2,4-Dichlorophenoxyacetates in Water/Methanol Environment. Structure and Properties of Polymeric [Zn(2,4-D) <sub>2</sub> (MeOH) <sub>2</sub> ] <sub>n</sub> and [Cd(2,4-D) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sub>n</sub> . <i>Journal of Chemical Crystallography</i> , <b>2012</b> , 42, 405-415 | 0.5 | 4 |
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| 79 | The new arsine ruthenium(III) complex with pyrazole ligand. <i>Structural Chemistry</i> , <b>2010</b> , 21, 637-641   | 1.8 | 4 |
| 78 | Crystal, molecular and electronic structure of [ReCl <sub>2</sub> (D-N <sub>2</sub> COPhN <sub>2</sub> O)(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 1066-1077   | 1.6 | 4 |
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| 76 | An unusual oxo-bridged rhenium complex with the Re centers in different coordination environments. <i>Polyhedron</i> , <b>2007</b> , 26, 1259-1268  | 2.7 | 4 |

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| 75 | The orthorhombic polymorph of pyrazine-2-carboxylic acid revisited. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o3300-o3300  |     | 4 |
| 74 | Bis(8-methylquinolinium) tetrachloridoferrate(III) chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, m2279-m2280   |     | 4 |
| 73 | Tetrabutylammonium bromotrichloroferrate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, m994-m996   |     | 4 |
| 72 | Synthesis, spectroscopic characterization, crystal and molecular structure of fac-[ReO <sub>3</sub> Br(phen)]. <i>Journal of Coordination Chemistry</i> , <b>2004</b> , 57, 1-7  | 1.6 | 4 |
| 71 | Synthesis, Characterization and Molecular structure of bis(2,2'-Bipyridine-N,N')Bis(Monochloroacetato-O) Manganese(II) Dihydrate. <i>Journal of Coordination Chemistry</i> , <b>2004</b> , 57, 239-247   | 1.6 | 4 |
| 70 | Reactions of [ReX <sub>5</sub> (NO)] <sub>2</sub> with triphenylstibine. Spectroscopic investigations of [ReX <sub>2</sub> (NO)(SbPh <sub>3</sub> ) <sub>3</sub> ], X-ray structures of [ReCl <sub>2</sub> (NO)(SbPh <sub>3</sub> ) <sub>3</sub> ] and [ReBr <sub>2</sub> Cl(SbPh <sub>3</sub> ) <sub>3</sub> ] and DFT calculations for [ReCl <sub>2</sub> (NO)(SbPh <sub>3</sub> ) <sub>3</sub> ]. <i>Polyhedron</i> , <b>2005</b> , 24, 419-426 | 2.7 | 4 |
| 69 | Synthesis, spectroscopic characterization, crystal, molecular and electronic structure of the [{ReOBr <sub>2</sub> (pyz) <sub>2</sub> }] <sub>2</sub> (EO) and [{ReOBr <sub>2</sub> }] <sub>2</sub> (EO)(Epyd) <sub>2</sub> complexes. <i>Polyhedron</i> , <b>2005</b> , 24, 1893-1906   | 2.7 | 4 |
| 68 | Synthesis, molecular and electronic structure of [ReCl <sub>2</sub> (N <sub>2</sub> COPh)(C <sub>4</sub> N <sub>2</sub> H <sub>4</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1493-1498   | 1.6 | 4 |
| 67 | Dinuclear uranium(VI) salen coordination compound: an efficient visible-light-active catalyst for selective reduction of CO to methanol. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17243-17251  | 4.3 | 4 |
| 66 | A new ladder-type dichloro(2,2-dimethyl-1,3-diaminopropane) copper complex: Synthesis, structural studies and selective sensing behavior towards a ketone molecule. <i>Polyhedron</i> , <b>2019</b> , 170, 287-293   | 2.7 | 3 |
| 65 | Structural insights into the usage of carboxylate ions as molecular pins. <i>Polyhedron</i> , <b>2017</b> , 135, 265-277   | 2.7 | 3 |
| 64 | Synthesis, Physico-Chemical and Antimicrobial Studies of Ionic Liquid. <i>Asian Journal of Chemistry</i> , <b>2014</b> , 26, 887-890   | 0.4 | 3 |
| 63 | Synthesis, spectroscopic investigation, crystal and molecular structure of [ReCl <sub>2</sub> (N <sub>2</sub> COPh)(C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 1232-1239   | 1.6 | 3 |
| 62 | 2,3-Dihydro-1,3-benzothiazol-2-iminium monohydrogen sulfate and 2-iminio-2,3-dihydro-1,3-benzothiazole-6-sulfonate: a combined structural and theoretical study. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, o624-9  |     | 3 |
| 61 | The synthesis, molecular, crystal, and electronic structures of [ReBr <sub>2</sub> (O)(OCH <sub>3</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 2202-2213  | 1.6 | 3 |
| 60 | Cu(N <sub>2</sub> ) <sub>2</sub> Cl <sub>2</sub> and Cu(N <sub>2</sub> )Cl <sub>2</sub> and HgCl <sub>2</sub> building blocks in the synthesis of coordination compounds X-ray studies and magnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2010</b> , 183, 2012-2020 <sup>3-3</sup>  |     | 3 |
| 59 | A novel rhenium(III) complex with bis(pyrazol-1-yl)methane: X-ray structure and DFT calculations for [ReCl <sub>3</sub> (bpzm)(PPh <sub>3</sub> )]. <i>Polyhedron</i> , <b>2007</b> , 26, 4833-4840  | 2.7 | 3 |
| 58 | Bis(8-methylquinolinium) tetrabromidoferrate(III) bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, m1727-m1728   |     | 3 |



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| 57 | Synthesis, molecular, crystal and electronic structure of [(C <sub>6</sub> H <sub>6</sub> )Ru(1,2,4-triazole) <sub>3</sub> ](CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> . <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 741-751  | 1.6 | 3 |
| 56 | Design of novel podand-like compounds with two short diphenylphosphine oxide pendant arms. <i>Heteroatom Chemistry</i> , <b>2004</b> , 15, 233-240  | 1.2 | 3 |
| 55 | The reactivity of [ReBr <sub>3</sub> (MeCN)(dppe)] towards gaseous nitric oxide. The X-ray structure of [ReBr <sub>3</sub> (MeCN)(dppe)] and [ReBr <sub>3</sub> (NO)(dppe)] <sub>0.57</sub> [ReOBr <sub>3</sub> (dppe)] <sub>0.43</sub> and DFT calculations for [ReBr <sub>3</sub> (NO)(dppe)] and [ReOBr <sub>3</sub> (dppe)]. <i>Journal of Molecular Structure</i> , <b>2005</b> , 740, 107-117 | 3.4 | 3 |
| 54 | Synthesis, crystal, molecular and electronic structure of rhenium nitrosyl with pyrazole in the coordination sphere. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 960-965  | 3.1 | 3 |
| 53 | 4-[3-(4-Chlorobenzylideneamino)-2-oxooxazolidin-5-ylmethyl]morpholin-4-ium chloride monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, o341-o343  |     | 3 |
| 52 | Diaquabis(2,4?-bipyridyl-N?)dichloromanganese(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2001</b> , 57, m183-m185  |     | 3 |
| 51 | Synthesis, Crystal and Molecular Structure of Tetrapyrrolidinyl PNP-lariat Ether Complex with Ki(H <sub>2</sub> O) <sub>2</sub> Monohydrate. <i>Journal of Coordination Chemistry</i> , <b>2002</b> , 55, 991-998   | 1.6 | 3 |
| 50 | Pyridine solvated dioxouranium complex with salen ligand: Synthesis, characterization and luminescence properties. <i>Journal of Saudi Chemical Society</i> , <b>2019</b> , 23, 636-641   | 4.3 | 3 |
| 49 | Synthesis and structural characterization of antimicrobial binuclear copper(II) coordination compounds bridged by hydroxy- and/or thiodipropionic acid. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 191, 8-20  | 4.2 | 3 |
| 48 | Molecular self-assembly of 1D infinite polyiodide helices in a phenanthroline salt. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2800-2806  | 4.3 | 3 |
| 47 | The Anti-Proliferative Activity of Coordination Compound-Based ZnO Nanoparticles as a Promising Agent Against Triple Negative Breast Cancer Cells. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 4437-4449   | 7.2 | 3 |
| 46 | Five new complexes with deferiprone and N,N-donor ligands: evaluation of cytotoxicity against breast cancer MCF-7 cell line and HSA-binding determination. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 4845-4858  | 3.6 | 2 |
| 45 | 1,3,4-Thiadiazole-Containing Azo Dyes: Synthesis, Spectroscopic Properties and Molecular Structure. <i>Molecules</i> , <b>2020</b> , 25,  | 4.8 | 2 |
| 44 | NMR Crystallography Comparative Studies of Chiral (1R,2S,3R,5R)-3-Amino-6,6-dimethylbicyclo[3.1.1]heptan-2-ol and Its p-Toluenesulfonamide Derivative. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5956-5965   | 3.5 | 2 |
| 43 | A new molecular building blocks: Synthesis, crystal structure, magnetic and spectroscopic properties of Cu(II) and Ni(II) macrocyclic complexes. <i>Polyhedron</i> , <b>2011</b> , 30, 2550-2557  | 2.7 | 2 |
| 42 | Conformation of Sterically Hindered 4-Methyl-2-oxo-2-trityl-1,3,2-dioxaphosphorinane in the Solid State and the Solution. <i>Journal of Chemical Crystallography</i> , <b>2011</b> , 41, 908-918  | 0.5 | 2 |
| 41 | A structural and theoretical study of the intermolecular interactions in 8-hydroxyquinolinium-7-carboxylate monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2011</b> , 67, o230-4   |     | 2 |
| 40 | 2,3-Dihydro-1,3-benzothiazol-2-iminium hydrogen oxydiacetate: a combined structural and theoretical study. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, o19-23   |     | 2 |



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| 39 | Synthesis, spectroscopic characterization, X-ray structure and magnetic properties of [Cu(hmquin-7-COOH) <sub>2</sub> (MeOH)] complex. <i>Polyhedron</i> , <b>2009</b> , 28, 3774-3780   | 2.7 | 2 |
| 38 | Novel oxorhenium complex of 2-(2-pyridyl)-4-methylthiazole-5-carboxylic acid [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Journal of Molecular Structure</i> , <b>2011</b> , 994, 256-262  | 3.4 | 2 |
| 37 | Synthesis, spectroscopic investigation, structural characterization and DFT calculation of the complexes [ReX <sub>2</sub> (N <sub>2</sub> COPh)(4-PhPyr)(PPh <sub>3</sub> ) <sub>2</sub> ] (X=Cl,Br). <i>Polyhedron</i> , <b>2010</b> , 29, 2629-2636   | 2.7 | 2 |
| 36 | Redetermination of hydrogenhydrazinium dichloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, i179-i179   |     | 2 |
| 35 | Dichloridotripyridine(triphenylphosphine)ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, m3052-m3052  |     | 2 |
| 34 | Synthesis, spectroscopic investigation, crystal and molecular structure of [ReBr <sub>2</sub> (N <sub>2</sub> COPPh)(py)(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 771-776   | 1.6 | 2 |
| 33 | Synthesis, spectroscopic investigation and molecular structures of [ReBr <sub>2</sub> (N <sub>2</sub> COPh)(C <sub>3</sub> N <sub>2</sub> H <sub>4</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ] and [ReBr <sub>2</sub> (N <sub>2</sub> COPh)(bpy)(PPh <sub>3</sub> )]. <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 741-749 | 1.6 | 2 |
| 32 | O,O'-Diisopropyl (4-methyl-7-coumarinyloxy)phosphonothioate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o1248-o1250   |     | 2 |
| 31 | Solid-state conformation of the 1,3,2-oxazaphospholane ring in 2-dialkylamino-3,4-dimethyl-5-phenyl-1,3,2-oxazaphospholane sulfides. <i>Heteroatom Chemistry</i> , <b>2001</b> , 12, 146-150   | 1.2 | 2 |
| 30 | Highly fluorescent 1,2,4,5-tetrazine derivatives containing 1,3,4-oxadiazole ring conjugated via a 1,4-phenylene linker. <i>Dyes and Pigments</i> , <b>2020</b> , 183, 108715  | 4.6 | 2 |
| 29 | Influence of n-ZnO Morphology on Sulfur Crosslinking and Properties of Styrene-Butadiene Rubber Vulcanizates. <i>Polymers</i> , <b>2021</b> , 13,  | 4.5 | 2 |
| 28 | Synthesis of 4-Alkyl-4-1,2,4-triazole Derivatives by Suzuki Cross-coupling Reactions and Their Luminescence Properties. <i>Molecules</i> , <b>2019</b> , 24,   | 4.8 | 2 |
| 27 | Interplay between Polymorphism and Isostructurality in the 2-Fur- and 2-Thenaldehyde Semi- and Thiosemicarbazones. <i>Molecules</i> , <b>2020</b> , 25,  | 4.8 | 1 |
| 26 | Pd(II) complexes based on quinoline derivative: structural characterization and their role as a catalyst for hydrogenation of (E)-1-methyl-4-(2-nitrovinyl)benzene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 123, 1-6  | 4.4 | 1 |
| 25 | Crystal structure of compounds [Ln(H <sub>2</sub> O) <sub>8</sub> ] <sup>3+</sup> [4Cl <sub>3</sub> COO] <sup>-</sup> 4H <sub>2</sub> O·(4-bpy)[(4-bpyH) <sup>+</sup> (Ln(III) = Gd, Tb, Er, AND Tm). <i>Journal of Structural Chemistry</i> , <b>2012</b> , 53, 927-931   | 0.9 | 1 |
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| 23 | 1,5-Bis[(2-thienyl)methyleneamino]naphthalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o3368-o3369   |     | 1 |
| 22 | 2-(3-Methyl-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-4-yl)acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o4378-o4378  |     | 1 |

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| 21 | Ammonium neodymium(III) bis[sulfate(VI)] tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, i169-i172   |     | 1 |
| 20 | Nonaqua neodymium(III) trichloride bis(1,3,5,7-tetraazatricyclo[3.3.1.1 <sup>3,7</sup> ]decane tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, m625-m628   |     | 1 |
| 19 | Conformational and crystal packing differences in (+)-7,8-Di-tert-butoxy-1-phenyloctahydro-1H-pyrrolo(1,2-b)-1H-phospholo(2,3-d)isoxazole 1-oxide diastereoisomers. <i>Heteroatom Chemistry</i> , <b>2005</b> , 16, 613-620  | 1.2 | 1 |
| 18 | Stacking and N...O interactions in 2,3-dimethyl-6-nitroaniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o2379-o2381  |     | 1 |
| 17 | A bowl-shaped phenoxido-bridged binuclear zinc complex: Experimental and theoretical studies. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 534, 120807   | 2.7 | 0 |
| 16 | First experimental evidence of the piezoelectric nature of struvite. <i>Scientific Reports</i> , <b>2021</b> , 11, 14860   | 4.9 | 0 |
| 15 | Synthesis, characterization and X-ray crystal structure of a mononuclear ampyrone based zinc complex. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1259, 132727   | 3.4 | 0 |
| 14 | Commenting the "Sonochemical synthesis of two new zinc(II) 1,10-phenanthroline coordination supramolecular compounds: New precursors to produce nano-sized zinc(II) oxide". <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 39, 218   | 8.9 |   |
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| 12 | The Novel Polymorphic Form of Bis(3,5,7-triaza-1-azoniatricyclo[3.3.1.1 <sup>3,7</sup> ]decane) bis(β-oxo)-tris(β-oxo)-nonakis(β-oxo)-nonaqua-decaoxo-hepta-molybdenum-di-zinc(II) dihydrate, Synthesis, and Properties. <i>International Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1-7 |     |   |
| 11 | X-ray structure of [Re(NO)2.09Br1.91(PPh3)2] and DFT studies of [Re(NO)2Br2(PPh3)2]. <i>Journal of Coordination Chemistry</i> , <b>2006</b> , 59, 445-456  | 1.6 |   |
| 10 | 4-(2-Benzylaminoacetyl)-1,2,3,4-tetrahydroquinoxalin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o3974-o3976  |     |   |
| 9  | 4-[(4-Ethoxyphenyl)aminoacetyl]-6,7-dimethyl-1,2,3,4-tetrahydroquinoxalin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o4596-o4598   |     |   |
| 8  | 4-[(4-Ethoxyphenyl)aminoacetyl]-1,2,3,4-tetrahydroquinoxalin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2002</b> , 58, o98-o101   |     |   |
| 7  | (2-Methoxyphenyl)phenylphosphine oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2002</b> , 58, o229-o231  |     |   |
| 6  | Racemic benzylphenylphosphine oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2002</b> , 58, o390-o392   |     |   |
| 5  | 4-(2-Benzylamino-1-oxoethyl)-1,2,3,4-tetrahydro-6,7-dimethylquinoxalin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2002</b> , 58, o461-o464  |     |   |
| 4  | Bis[μ-2-[(2,3-dichlorophenyl)amino]benzoato-κO]di-μ2-ethoxo-octamethyl-di-μ3-oxo-tetratin(IV). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2005</b> , 61, m439-41   |     |   |

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