

James Darkwa

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174
papers

2,576
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183
ext. papers

2,807
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
174	Perspective: the potential of pyrazole-based compounds in medicine. <i>BioMetals</i> , 2012 , 25, 9-21	3.4	150
173	(Pyrazol-1-ylmethyl)pyridine Nickel Complexes: Ethylene Oligomerization and Unusual Friedel-Crafts Alkylation Catalysts. <i>Organometallics</i> , 2009 , 28, 2127-2133	3.8	83
172	The use of Cu and Zn salicylaldimine complexes as catalyst precursors in ring opening polymerization of lactides: ligand effects on polymer characteristics. <i>Applied Organometallic Chemistry</i> , 2011 , 25, 133-145	3.1	74
171	Pyrazole and (pyrazol-1-yl)metal complexes as carbon-carbon coupling catalysts. <i>Inorganica Chimica Acta</i> , 2010 , 363, 1947-1964	2.7	72
170	Phosphinogold(I) dithiocarbamate complexes: effect of the nature of phosphine ligand on anticancer properties. <i>Inorganic Chemistry</i> , 2014 , 53, 2058-67	5.1	65
169	Synthesis and evaluation of substituted pyrazoles palladium(II) complexes as ethylene polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2002 , 660, 108-115	2.3	62
168	Synthetic, structural, and theoretical studies on the electron-deficient cubanes (RC ₅ H ₄) ₄ Ti ₄ S ₄ , (RC ₅ H ₄) ₄ V ₄ S ₄ , and [(RC ₅ H ₄) ₄ V ₄ S ₄] ⁺ .. <i>Journal of the American Chemical Society</i> , 1988 , 110, 141-149	16.4	56
167	Bis(3,5-dimethylpyrazole) copper(II) and zinc(II) complexes as efficient initiators for the ring opening polymerization of ϵ -caprolactone and d,l-lactide. <i>Polyhedron</i> , 2014 , 69, 55-60	2.7	55
166	Pyrazolyl iron, cobalt, nickel, and palladium complexes: synthesis, molecular structures, and evaluation as ethylene oligomerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1528-1535	2.3	52
165	In vitro evaluation of dichloro-bis(pyrazole)palladium(II) and dichloro-bis(pyrazole)platinum(II) complexes as anticancer agents. <i>Cancer Chemotherapy and Pharmacology</i> , 2008 , 63, 127-38	3.5	50
164	Palladium complexes of multidentate pyrazolylmethyl pyridine ligands: Synthesis, structures and phenylacetylene polymerization. <i>Polyhedron</i> , 2007 , 26, 851-861	2.7	48
163	Efficient Solvent-Free Hydrogenation of Levulinic Acid to γ -Valerolactone by Pyrazolylphosphite and Pyrazolylphosphinite Ruthenium(II) Complexes. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6010-6018	8.3	47
162	Synthesis and evaluation of glycopolymeric decorated gold nanoparticles functionalized with gold-triphenyl phosphine as anti-cancer agents. <i>Biomacromolecules</i> , 2014 , 15, 3802-10	6.9	44
161	Tandem ethylene oligomerisation and Friedel-Crafts alkylation of toluene catalysed by bis-(3,5-dimethylpyrazol-1-ylmethyl)benzene nickel(II) complexes and ethylaluminium dichloride. <i>Catalysis Science and Technology</i> , 2013 , 3, 3130	5.5	43
160	Solvent and co-catalyst dependent pyrazolylpyridinamine and pyrazolylpyrroleamine nickel(II) catalyzed oligomerization and polymerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2014 , 382, 31-40		41
159	Antioxidant chemistry. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 1971-1978		41
158	Therapeutic potential of carbohydrate-based polymeric and nanoparticle systems. <i>Expert Opinion on Drug Delivery</i> , 2014 , 11, 867-84	8	39

157	Benzenedicarbonyl and benzenetricarbonyl linker pyrazolyl complexes of palladium(II): synthesis, X-ray structures and evaluation as ethylene polymerisation catalysts. <i>Dalton Transactions</i> , 2003 , 715-722	4.3	38
156	Reactions of nitrogen monoxide and dioxygen with bis(pentamethylcyclopentadienyl)vanadium dihalides: preparation and structures of oxo derivatives of (pentamethylcyclopentadienyl)vanadium. <i>Organometallics</i> , 1986 , 5, 2165-2171	3.8	38
155	Catalytic hydroxylation of phenol using immobilized late transition metal salicylaldimine complexes. <i>Journal of Molecular Catalysis A</i> , 2007 , 267, 143-148		36
154	Antioxidant Chemistry: Oxidation of L-Cysteine and Its Metabolites by Chlorite and Chlorine Dioxide. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 5576-5587	2.8	36
153	Ethylene polymerization catalyzed by substituted pyrazole nickel complexes. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1835-1842	2.3	35
152	Pyridine linker pyrazolyl palladium complexes: Synthesis, characterization and ethylene polymerization activity. <i>Journal of Molecular Catalysis A</i> , 2005 , 241, 93-100		35
151	Synthesis and evaluation of polymeric gold glyco-conjugates as anti-cancer agents. <i>Bioconjugate Chemistry</i> , 2013 , 24, 979-86	6.3	34
150	The application of novel dendritic nickel catalysts in the oligomerization of ethylene. <i>Catalysis Communications</i> , 2008 , 9, 1612-1617	3.2	33
149	Polymerization of Phenylacetylene Catalyzed by Diphosphinopalladium(II) Complexes. <i>Macromolecules</i> , 2002 , 35, 4573-4576	5.5	32
148	Bidentate aryldichalcogenide complexes of [(diphosphino)ferrocene]palladium(II) and [(diphosphino)ferrocene]platinum(II). Synthesis, molecular structures and electrochemistry. <i>Polyhedron</i> , 2001 , 20, 3189-3200	2.7	31
147	Novel hemi-labile pyridyl-imine palladium complexes: Synthesis, molecular structures and reactions with ethylene. <i>Polyhedron</i> , 2011 , 30, 2574-2580	2.7	29
146	Aqueous Solution Chemistry of the Mo(3)PdS(4) Cube: Substitution Reactions and the Double to Single Cube Interconversion Induced by CO, Two Phosphines, Cl(-), Br(-), and NCS(-). <i>Inorganic Chemistry</i> , 1996 , 35, 5531-5535	5.1	29
145	Synthesis, structure, and electrical properties of [(MeCp)5V5S6][(TCNQ)2]. <i>Organometallics</i> , 1986 , 5, 2386-2388	3.8	29
144	Pyrazolylimine iron and cobalt, and pyrazolylamine nickel complexes: Synthesis and evaluation of nickel complexes as ethylene oligomerization catalysts. <i>Polyhedron</i> , 2013 , 53, 295-303	2.7	28
143	(Pyrazolylmethyl)pyridine platinum(II) and gold(III) complexes: Synthesis, structures and evaluation as anticancer agents. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3314-3324	2.7	28
142	Tetra-chloro-(bis-(3,5-dimethylpyrazolyl)methane)gold(III) chloride: An HIV-1 reverse transcriptase and protease inhibitor. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 190-4	4.2	27
141	Bis(pyrazole)- and bis(pyrazolyl)-palladium complexes as phenylacetylene polymerization catalysts. <i>Polyhedron</i> , 2008 , 27, 1017-1023	2.7	26
140	Platinum(II) and gold(I) complexes based on 1,1'-bis(diphenylphosphino)metallocene derivatives: Synthesis, characterization and biological activity of the gold complexes. <i>Journal of Organometallic Chemistry</i> , 2012 , 720, 52-59	2.3	24

139	Reversible absorption of sulfur dioxide by bis(diphenylphosphino)ethanenickel(II) aryldithiolates. <i>Inorganica Chimica Acta</i> , 1997 , 257, 137-141	2.7	24
138	The Role of Noble Metal Catalysts in Conversion of Biomass and Bio-derived Intermediates to Fuels and Chemicals. <i>Johnson Matthey Technology Review</i> , 2018 , 62, 4-31	2.5	23
137	Electrocatalytic sensor devices: (I) cyclopentadienylnickel(II) thiolato Schiff base monolayer self-assembled on gold. <i>Talanta</i> , 2004 , 64, 30-8	6.2	22
136	Bis(pyrazolyl)pyridine vanadium(III) complexes as highly active ethylene polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 5327-5330	2.3	21
135	Oxyhalogen Sulfur Chemistry: Oxidation of N-Acetylcysteine by Chlorite and Acidic Bromate. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 9834-9845	2.8	21
134	Synthesis, characterization and evaluation of bulky bis(pyrazolyl)palladium complexes in Suzuki-Miyaura cross-coupling reactions.. <i>RSC Advances</i> , 2018 , 8, 13826-13834	3.7	20
133	(Pyrazol-1-ylmethyl)pyridine palladium complexes: Synthesis, molecular structures, and activation of small molecules. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1393-1399	2.3	20
132	Poly(pyrazol-1-ylmethyl)benzene Palladium Complexes: Synthesis, Characterisation and Evaluation as Heck Coupling Catalysts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 323-330	1	20
131	Insertion of sulfur dioxide into metal-carbon bonds of chloro(methyl)palladium complexes. <i>Polyhedron</i> , 2003 , 22, 805-810	2.7	20
130	Cyclometalation of lanthanum(III) based MOF for catalytic hydrogenation of carbon dioxide to formate.. <i>RSC Advances</i> , 2020 , 10, 3593-3605	3.7	19
129	Impedance technology reveals correlations between cytotoxicity and lipophilicity of mono and bimetallic phosphine complexes. <i>BioMetals</i> , 2015 , 28, 653-67	3.4	18
128	(Phenoxyimidazolyl-salicylaldehyde)iron complexes: synthesis, properties and iron catalysed ethylene reactions. <i>Dalton Transactions</i> , 2014 , 43, 13913-23	4.3	18
127	Pyrazole Supported Zinc(II) Benzoates as Catalysts for the Ring Opening Copolymerization of Cyclohexene Oxide and Carbon Dioxide. <i>Catalysts</i> , 2016 , 6, 17	4	18
126	Vinyl-addition polymerization of norbornene catalyzed by (pyrazol-1-ylmethyl)pyridine divalent iron, cobalt and nickel complexes. <i>Polyhedron</i> , 2011 , 30, 2878-2883	2.7	17
125	Reversible sulfur dioxide reactions with cyclopentadienylnickel(II) organochalcogenide complexes. <i>Journal of Organometallic Chemistry</i> , 1998 , 564, 37-45	2.3	17
124	Synthesis of bis (diphenylphosphino) ethanenickel(II) organodichalcogenide complexes and cyclotrimerisation reaction of dimethylacetylenedicarboxylate : structure of Ni(dppe) (SC6H4O). <i>Polyhedron</i> , 1998 , 17, 1811-1815	2.7	17
123	Furoyl and thiophene carbonyl linker pyrazolyl palladium(II) complexes ? Synthesis, characterization, and evaluation as ethylene oligomerization catalysts. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 843-853	0.9	17
122	Tandem ethylene dimerization and Friedel-Crafts alkylation of toluene catalyzed by homo- and heterogeneous nickel(II) and palladium(II) pre-catalysts. <i>Journal of Organometallic Chemistry</i> , 2016 , 818, 137-144	2.3	17

121	Bis(pyrazolyl) palladium(II), platinum(II) and gold(III) complexes: Syntheses, molecular structures and substitution reactions with l-cysteine. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2595-2602	2.7	16
120	Synthesis and characterization of new hydrotri(3,5-dimethyl-1-pyrazolyl)borate vanadium halfsandwich complexes. <i>Inorganica Chimica Acta</i> , 1998 , 267, 19-25	2.7	16
119	Multidentate bis(pyrazolylmethyl)pyridine ligands: coordination chemistry and binding properties with zinc(II) and cadmium(II) cations. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 298-307	1.6	15
118	Simple and efficient ion imprinted polymer for recovery of uranium from environmental samples. <i>Water Science and Technology</i> , 2012 , 65, 728-36	2.2	15
117	Synthesis, characterization and bromination of bis(phosphinoferrocenyl) gold(I) compounds. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 701-708	2.3	15
116	Cyclopentadienyl- and methylcyclopentadienyl-vanadium complexes containing chalcogen bridges: dechalcogenation to pseudocubane clusters. <i>Journal of Organometallic Chemistry</i> , 1992 , 430, 61-77	2.3	15
115	Novel pyrazolylphosphite- and pyrazolylphosphinite-ruthenium(ii) complexes as catalysts for hydrogenation of acetophenone. <i>Dalton Transactions</i> , 2016 , 45, 13514-24	4.3	15
114	Ethylene and Styrene Carbon Monoxide Copolymerization Catalyzed by Pyrazolyl Palladium(II) Complexes. <i>Organometallics</i> , 2013 , 32, 980-988	3.8	14
113	Perspective and future prospects of tandem olefin oligomerization and Friedel-Crafts alkylation reactions catalyzed by iron, cobalt, nickel and palladium complexes. <i>Catalysis Science and Technology</i> , 2019 , 9, 2078-2096	5.5	13
112	(Ferrocenylpyrazolyl)zinc(II) benzoates as catalysts for the ring opening polymerization of ϵ -caprolactone. <i>Polyhedron</i> , 2015 , 90, 154-164	2.7	13
111	(Ferrocenylpyrazolyl)nickel(II)-catalysed ethylene oligomerisation. <i>Catalysis Science and Technology</i> , 2016 , 6, 4814-4823	5.5	13
110	Homogeneous polymetallic ruthenium(II)^zinc(II) complexes: robust catalysts for the efficient hydrogenation of levulinic acid to Valerolactone. <i>Catalysis Science and Technology</i> , 2018 , 8, 2370-2380	5.5	12
109	Triazolyl RuII, RhIII, OsII, and IrIII Complexes as Potential Anticancer Agents: Synthesis, Structure Elucidation, Cytotoxicity, and DNA Model Interaction Studies. <i>Organometallics</i> , 2019 , 38, 3197-3211	3.8	12
108	Ferrocenylpyrazolyl palladium complexes as catalysts for the polymerisation of 1-heptene and 1-octene to highly branched polyolefins. <i>Dalton Transactions</i> , 2014 , 43, 8940-50	4.3	12
107	Anticancer Activities of bis(pyrazol-1-ylthiocarbonyl)disulfides against HeLa cells. <i>Journal of Chemical Research</i> , 2009 , 2009, 322-325	0.6	12
106	Bis(β -Methylcyclopentadienyl)Titanium Pentasulfide, Bis(β -Methylcyclopentadienyl)-Divanadium Pentasulfide, and Bis(β -Methylcyclopentadienyl)Divanadium Tetrasulfide. <i>Inorganic Syntheses</i> , 2007 , 51-58		12
105	Cyclopentadienylnickel(II) Thiolato and Selenolato Complexes. Synthesis, Characterization, and X-ray Structure of (η -5-C ₅ H ₅)Ni(SePh)(PPh ₃). <i>Organometallics</i> , 1994 , 13, 3743-3745	3.8	12
104	Synthesis and characterization of cyclopentadienylnickel(II) thiolates. Crystal structure of [β -C ₅ H ₅]Ni(SC ₆ H ₅)(PPh ₃). <i>Journal of Organometallic Chemistry</i> , 1993 , 455, 235-240	2.3	12

103	Activity of phosphino palladium(II) and platinum(II) complexes against HIV-1 and Mycobacterium tuberculosis. <i>BioMetals</i> , 2016 , 29, 637-50	3.4	11
102	Chelating (pyrazolylmethyl)pyridine ligands: Coordination chemistry and binding properties with zinc(II) and cadmium(II) cations. <i>Inorganica Chimica Acta</i> , 2012 , 392, 141-147	2.7	11
101	Selective removal of chromium (VI) from sulphates and other metal anions using an ion-imprinted polymer. <i>Water S A</i> , 2011 , 37,	1.3	11
100	Cyclopentadienylnickel thiolate complexes: synthesis, molecular structures and electrochemical detection of sulfur dioxide adducts. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 387-394	2.3	11
99	(Ferrocenylpyrazolyl)zinc(II) acetate complexes as initiators and catalysts for the ring opening polymerization of ϵ -caprolacton.. <i>Journal of Molecular Catalysis A</i> , 2015 , 406, 185-193		10
98	Synthesis and characterisation of mono- and dinuclear diethyldithiocarbamatonickel(II) organochalcogenide complexes. <i>Polyhedron</i> , 1999 , 18, 1115-1122	2.7	10
97	Reactions of bis(cyclopentadienyl)vanadium derivatives with dinitrogen oxide (nitrous oxide). <i>Journal of the Chemical Society Dalton Transactions</i> , 1983 , 399-400		10
96	Palladium(II), platinum(II) and gold(I) complexes containing chiral diphosphines of the Josiphos and Walphos families Synthesis and evaluation as anticancer agents. <i>Polyhedron</i> , 2012 , 36, 97-103	2.7	9
95	Constructor graph description of the hydrogen-bonding supramolecular assembly in two ionic compounds: 2-(pyrazol-1-yl)ethylammonium chloride and diaquadichloridobis(2-hydroxyethylammonium)cobalt(II) dichloride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m89-96		9
94	Substituted (pyridinyl)benzoazole palladium complexes: Synthesis and application as Heck coupling catalysts. <i>Polyhedron</i> , 2007 , 26, 5544-5552	2.7	9
93	Unconjugated diimine palladium complexes as Heck coupling catalysts. <i>Journal of Molecular Catalysis A</i> , 2008 , 285, 72-78		9
92	Hydrogenation of carbon dioxide to formate by diimine RuII, RhIII, IrIII complexes as catalyst precursors. <i>Journal of Organometallic Chemistry</i> , 2019 , 899, 120892	2.3	8
91	Effect of chalcogens on CO insertion into the palladium-methyl bond of $[(N^{\wedge}N^{\wedge}X)Pd(CH_3)]^{+}$ (X = O, S, Se) and on CO/ethylene copolymerisation. <i>Dalton Transactions</i> , 2015 , 44, 20714-27	4.3	8
90	Gold(I) complex of 1,1Rbis(diphenylphosphino) ferrocene-quinoline conjugate: a virostatic agent against HIV-1. <i>BioMetals</i> , 2016 , 29, 389-97	3.4	8
89	Electrospun Nanofibers Sorbents for Pre-Concentration of 1,1-dichloro-2,2 bis-(4-chlorophenyl)ethylene with Subsequent Desorption by Pressurized Hot Water Extraction. <i>Chromatographia</i> , 2011 , 73, 1015-1020	2.1	8
88	Synthesis characterisation and stability of mixed aryldichalcogenide bis(diphenylphosphino)ethanenickel(II) complexes. X-ray structure of Ni(dppe)(SeC6H4S). <i>Polyhedron</i> , 1999 , 18, 2803-2810	2.7	8
87	Notes. Formation of carbonato and hydroxo complexes of vanadium(IV) on reaction of carbonylbis(pentamethylcyclopentadienyl)vanadium(II) with dinitrogen oxide. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988 , 2505-2506		8
86	Preparation, fluxional behaviour, and decomposition of bis(cyclopentadienyl)iodonitrosylvanadium. X-Ray crystal structure of $[(cpVI)_2\{cpV(NO)\}_2(\mu-O)_4]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 1039-1040		8

85	Palladium(II) complexes bearing mixed N ^N X (X = O and S) tridentate ligands as pre-catalysts for the methoxycarbonylation of selected 1-alkenes. <i>Polyhedron</i> , 2017 , 138, 249-257	2.7	7
84	Phenoxysalicylaldimine-Bearing Chromium(III) Precatalysts for Ethylene Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1767-1775	2.6	7
83	Palladium Catalyzed Phenylacetylene Polymerization to Low Molecular Weight cis-Transoidal and trans-Cisoidal Poly(phenylacetylene)s: A Perspective. <i>Polymer Reviews</i> , 2017 , 57, 52-64	14	7
82	An investigation of Cu(II) and Ni(II)-catalysed hydrolysis of (di)imines. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3102-3112	2.7	7
81	Synthesis and characterisation of thiolato Schiff base nickel(II) complexes. X-Ray structures of Ni(β-C ₅ H ₅)(PPh ₃)(SC ₆ H ₄ NCHC ₆ H ₄ Br-4?) and Ni(β-C ₅ H ₅)(PBu ₃)(SC ₆ H ₄ NCHC ₆ H ₄ CH ₃ -4?). <i>Dalton Transactions RSC</i> , 2000 , 43-50		7
80	Reactions of bis(cyclopentadienyl)vanadium derivatives with nitrogen mono-oxide and the crystal structure of an oxo-bridged nitrosyl complex of vanadium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985 , 1435		7
79	Detailed example of the identification and crystallographic analysis of a pseudo-merohedrally twinned crystal. <i>Acta Crystallographica Section B: Structural Science</i> , 2012 , 68, 150-7		6
78	N-heterocyclic dithiocarbamate platinum(II) complexes: Unexpected transformation of dithiocarbamate to oxodithiocarbonate in phosphinoplatinum complexes in solution. <i>Inorganic Chemistry Communication</i> , 2013 , 27, 60-63	3.1	6
77	(Pyrazol-1-yl)carbonyl palladium complexes as catalysts for ethylene polymerization reaction. <i>Journal of Organometallic Chemistry</i> , 2013 , 724, 95-101	2.3	6
76	Mass spectral behavior of some homoleptic and mixed aryldichalcogenide bis(diphenylphosphino)ferrocenenickel(II), palladium(II), and platinum(II), and bis(diisopropylphosphino)ferrocenepalladium(II) complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2007 , 18, 81-9	3.5	6
75	Reactions of derivatives of bis(pentamethylcyclopentadienyl)vanadium with nitric oxide and the crystal structure of paramagnetic [(η ⁵ -C ₅ (CH ₃) ₅) ₂ VBr(NO)][(η ⁵ -C ₅ (CH ₃) ₅) ₂ VBr ₂ (NO)]. <i>Organometallics</i> , 1985 , 4, 961-965	3.8	6
74	Synthesis, characterization and anticancer evaluation of phosphinogold(I) thiocarbohydate complexes. <i>Polyhedron</i> , 2017 , 138, 57-67	2.7	5
73	Novel bio-friendly and non-toxic thiocarbohydate stabilizers of gold nanoparticles. <i>New Journal of Chemistry</i> , 2015 , 39, 5249-5258	3.6	5
72	Bis(3,5-dimethylpyrazol-1-yl)alkanones and their reactivity with [PdCl ₂ (NCMe) ₂]: Isolation of bis(3,5-dimethylpyrazol-1-yl)propan-1-one palladium(II) chloride and C-H activation of propanone linker. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 123-126	3.1	5
71	Effect of selenium substituents on the formation of mononuclear and dinuclear selenolato nickel(II) complexes. X-ray structure of Ni(dtc)(PPh ₃)(SeC ₆ H ₅). <i>Inorganica Chimica Acta</i> , 1997 , 256, 15-20	2.7	5
70	Symmetrically and unsymmetrically substituted bis(pyrazole)-palladium(II) and nickel(II) halides as Pre-catalysts for ethylene dimerization and Friedel-Crafts alkylation of toluene and benzene. <i>South African Journal of Chemistry</i> , 2016 , 69,	1.8	5
69	Iridium and Palladium CO ₂ Hydrogenation in Water by Catalyst Precursors with Electron-Rich Tetrazole Ligands. <i>Organometallics</i> , 2020 , 39, 3088-3098	3.8	5
68	Coordination behavior and binding properties of (3,5-dimethyl-1H-pyrazol-1-yl)ethanol with Cu(II), Zn(II), Cd(II), and Pb(II) metals. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 1626-1634	1.6	4

67	Solvent-Free Synthesis of 3,5-Di-Tert-Butylpyrazole and 3,5-Di-Substituted-Butylpyrazol-1-Ylethanol. <i>Journal of Chemical Research</i> , 2012 , 36, 474-477	0.6	4
66	Constructor graph description of hydrogen bonding in a supramolecular assembly of (3,5-dimethyl-1H-pyrazol-4-ylmethyl)isopropylammonium chloride monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o481-3		4
65	Trans-bis[3,5-bis(trifluoromethyl)-1H-pyrazole-kappaN2]dichloropalladium(II) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m421-3		4
64	[2,6-Bis(isopropylthiomethyl)phenyl-kappa3S,C1,S]bromopalladium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m109-10		4
63	Synthesis and thermal behaviour of cyclopentadienylnickel(II) thiolato Schiff base complexes. Molecular structures of Ni(η -C ₅ H ₅)(PBU ₃)(SC ₆ H ₄ NC(H)C ₆ H ₄ C ₆ H ₅) and Ni(η -C ₅ H ₅)(PBU ₃)(SC ₆ H ₄ NC(H)C ₆ H ₄ OC ₄ H ₉). <i>Journal of Organometallic Chemistry</i> , 2001 , 629, 171-181	2.3	4
62	[Ferrocene-1,1Rdiylbis]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 5), 564-5		4
61	OxyhalogenSulfur chemistry: non-linear oxidation of 2-aminoethanethiolsulfuric acid (AETSA) by bromate in acidic medium. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 4407-4413		4
60	Synthesis and Characterization of Nickel Thiolate Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1993 , 23, 509-522		4
59	Chiral-at-Metal: Iridium(III) Tetrazole Complexes With Proton-Responsive P-OH Groups for CO Hydrogenation. <i>Frontiers in Chemistry</i> , 2020 , 8, 591353	5	4
58	Synthesis and anti-cancer activity of bis-amino-phosphine ligand and its ruthenium(II) complexes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127492	2.9	4
57	New bio-based sustainable polymers and polymer composites based on methacrylate derivatives of furfural, solketal and lactic acid. <i>Materials Today Communications</i> , 2021 , 28, 102721	2.5	4
56	Bis(pyrazolyl)palladium(II) complexes as catalysts for MizorokiBleek cross-coupling reactions. <i>Polyhedron</i> , 2019 , 166, 52-59	2.7	3
55	Multidentate Pyridyl-Aminophosphinite and Pyridyl-Phosphoramidite Ruthenium(II) Complexes: Synthesis, Structure and Application as Levulinic Acid Hydrogenation Pre-Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3942-3953	2.3	3
54	Dichlorido{2-[(3,5-diphenyl-1H-pyrazol-1-yl-N2)methyl]pyridine-N}palladium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012 , 68, m317-9		3
53	Chlorido{N-[2-(diphenylphosphanyl)benz-ylidene]-2-(2-thienyl)ethanamine-N,P}methylpalladium(II) dichloromethane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m688		3
52	Dichloro-{bis(Pyrazol-1-yl)}Palladium(II) Complexes: Structures of a DMSO Solvated Dichloro-{bis(3,5-Dimethylpyrazol-1-yl)Acetic Acid}Palladium(II) and Dichloro-{bis(3,5-Ditertbutylpyrazol-1-yl)Methane}Palladium(II). <i>Journal of Chemical Crystallography</i> , 2009 , 39, 510-514	0.5	3
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50	Intramolecular hydrogen bonding in dichloridobis(3,5-di-tert-butyl-1H-pyrazole-N2)cobalt(II) as a consequence of ligand steric bulk. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m336-8		3

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48	Development and characterization of functionalized glyco thiolate capped gold nanoparticles for biological applications. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 283-292	3.5	3
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46	Catalytic isomerizationHydroformylation of olefins by rhodium salicylaldimine pre-catalysts. <i>New Journal of Chemistry</i> , 2020 , 44, 8751-8762	3.6	2
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42	Stabilization of gold(III) with bis(pyrazol-1-yl)amine. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1706-1710		2
41	{Bis[2-(3,5-dimethyl-pyrazol-1-yl-N)eth-yl]amine-N}chloridopalladium(II) chloride 0.25-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1243		2
40	Electrochemical studies of the nickel catecholates complexes for detection of sulphur dioxide gas. <i>Electrochimica Acta</i> , 2010 , 55, 4314-4318	6.7	2
39	Positional disorder manifested as compositional in a pseudo-C2-symmetrical Pd complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, m114-6		2
38	Mesogenic behaviour of (4-alkoxybenzylideneamino)bromobenzene, (4-alkoxybenzylideneamino)benzenethiols, and thiolatonickel complexes of the thiols. <i>Liquid Crystals</i> , 2006 , 33, 321-326	2.3	2
37	Bimetallic nickel complexes with bridging dithiolato Schiff base ligands: synthesis, mass spectral characterisation and electrochemistry. <i>Journal of Organometallic Chemistry</i> , 2002 , 656, 262-269	2.3	2
36	Dichlorido(3,5-dimethyl-1H-pyrazole)[(3,5-dimethyl-1H-pyrazol-1-yl)(o-tol-yl)methanone]palladium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, m206-7		2
35	(3,5-Dimethyl-pyrazol-1-yl)[5-(3,5-dimethyl-pyrazol-1-ylcarbon-yl)-2-thien-yl]methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2743		2
34	Ir ^{III} Tetrazole Complexes with Proton-Responsive PNH Groups and an Ir ^{II} Tetrazole Complex for CO ₂ Hydrogenation. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1542-1550	2.3	2
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