

Barbara Machura

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220
papers

3,067
citations

27
h-index

37
g-index

228
ext. papers

3,373
ext. citations

3.3
avg, IF

5.33
L-index

#	Paper	IF	Citations
220	Effect of carbazole and pyrrolidine functionalization of phenanthroline ligand on ground- and excited-state properties of rhenium(I) complexes. Interplay between 3MLCT and 3IL/3ILCT. <i>Dyes and Pigments</i> , 2022 , 200, 110113	4.6	2
219	Vanadium(IV) Complexes with Methyl-Substituted 8-Hydroxyquinolines: Catalytic Potential in the Oxidation of Hydrocarbons and Alcohols with Peroxides and Biological Activity. <i>Molecules</i> , 2021 , 26,	4.8	1
218	Optical properties of 2,6-di(pyrazin-2-yl)pyridines substituted with extended aryl groups. <i>Dyes and Pigments</i> , 2021 , 188, 109168	4.6	0
217	Square planar Au(III), Pt(II) and Cu(II) complexes with quinoline-substituted 2,2':6',2''-terpyridine ligands: From in vitro to in vivo biological properties. <i>European Journal of Medicinal Chemistry</i> , 2021 , 218, 113404	6.8	10
216	Carbazole effect on ground- and excited-state properties of rhenium(i) carbonyl complexes with extended terpy-like ligands. <i>Dalton Transactions</i> , 2021 , 50, 3943-3958	4.3	5
215	Ground- and excited-state properties of Re(I) carbonyl complexes [Effect of trimine ligand core and appended heteroaromatic groups. <i>Dyes and Pigments</i> , 2021 , 192, 109472	4.6	1
214	Non-traditional thermal behavior of Co(II) coordination networks showing slow magnetic relaxation. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 4356-4366	6.8	2
213	A Study of the Lack of Slow Magnetic Relaxation in Mononuclear Trigonal Bipyramidal Cobalt(II) Complexes. <i>ChemistrySelect</i> , 2021 , 6, 576-582	1.8	2
212	Slow magnetic relaxation in hexacoordinated cobalt(II) field-induced single-ion magnets. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2637-2650	6.8	10
211	Towards better understanding of photophysical properties of rhenium(I) tricarbonyl complexes with terpy-like ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 231, 118124	4.4	9
210	Photoluminescence enhancement of Re(i) carbonyl complexes bearing D-A and D- π A ligands. <i>Dalton Transactions</i> , 2020 , 49, 4441-4453	4.3	13
209	Rhenium(V)-oxo complexes [ReOX ₂ (N?O)(EPh ₃)] (X=Cl, Br, I; E=P, As) [Synthesis, structure, spectroscopy, and catalytic properties. <i>Reviews in Inorganic Chemistry</i> , 2020 , 40, 27-47	2.4	1
208	Insight into structure-property relationships of aryl-substituted 2,2':6',2''-terpyridines. <i>Dyes and Pigments</i> , 2020 , 180, 108480	4.6	6
207	APEX Strategy Represented by Diels-Alder Cycloadditions-New Opportunities for the Syntheses of Functionalised PAHs. <i>Chemistry - A European Journal</i> , 2020 , 26, 12150-12157	4.8	5
206	Magneto-structural diversity of Co(II) compounds with 1-benzylimidazole induced by linear pseudohalide coligands. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4535-4552	6.8	5
205	Towards better understanding of the photophysics of platinum(II) coordination compounds with anthracene- and pyrene-substituted 2,6-bis(thiazol-2-yl)pyridines. <i>Dalton Transactions</i> , 2020 , 49, 13440-13448	4.3	4
204	In vitro antiproliferative effect of vanadium complexes bearing 8-hydroxyquinoline-based ligands - the substituent effect. <i>Dalton Transactions</i> , 2020 , 49, 6596-6606	4.3	15

203	Platinum(II) coordination compounds with 4'-pyridyl functionalized 2,2':6',2''-terpyridines as an alternative to enhanced chemotherapy efficacy and reduced side-effects. <i>Journal of Inorganic Biochemistry</i> , 2019 , 201, 110809	4.2	10
202	Field-induced slow magnetic relaxation in pseudooctahedral cobalt(ii) complexes with positive axial and large rhombic anisotropy. <i>Dalton Transactions</i> , 2019 , 48, 1404-1417	4.3	26
201	The effect of 2-, 3- and 4-pyridyl substituents on photophysics of fac-[ReCl(CO) ₃ (n-pytpy- λ N)] complexes: Experimental and theoretical insights. <i>Journal of Luminescence</i> , 2019 , 209, 346-356	3.8	7
200	Aryl substituted 2,6-di(thiazol-2-yl)pyridines Excited-state characterization and potential for OLEDs. <i>Dyes and Pigments</i> , 2019 , 169, 89-104	4.6	8
199	Structure-dependent and environment-responsive optical properties of the trisheterocyclic systems with electron donating amino groups. <i>Dyes and Pigments</i> , 2019 , 166, 283-300	4.6	11
198	Platinum(ii) complexes showing high cytotoxicity toward A2780 ovarian carcinoma cells. <i>Dalton Transactions</i> , 2019 , 48, 13081-13093	4.3	15
197	Copper(ii) complexes with 2,2':6',2''-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> , 2019 , 48, 12656-12673	4.3	26
196	Experimental and theoretical insights into spectroscopy and electrochemistry of Re(I) carbonyl with oxazoline-based ligand. <i>Polyhedron</i> , 2019 , 171, 551-558	2.7	7
195	Tuning Optical Properties of Re(I) Carbonyl Complexes by Modifying PushPull Ligands Structure. <i>Organometallics</i> , 2019 , 38, 4206-4223	3.8	9
194	Influence of the pyrazine substituent on the structure and magnetic properties of dicyanamide-bridged cobalt(ii) complexes. <i>Dalton Transactions</i> , 2019 , 48, 17266-17280	4.3	10
193	A 3D heterometallic Ni(II)/K(I) MOF with a rare rna topology: synthesis, structural features, and photocatalytic dye degradation modeling. <i>New Journal of Chemistry</i> , 2019 , 43, 17457-17465	3.6	10
192	A family of solution processable ligands and their Re(I) complexes towards light emitting applications. <i>Dyes and Pigments</i> , 2019 , 163, 86-101	4.6	17
191	Cyclometalated alkynylgold(III) complexes of 2-phenylpyridine and 2-(p-tolyl)-pyridine Synthesis, photophysical and electroluminescence properties. <i>Journal of Luminescence</i> , 2018 , 198, 251-259	3.8	1
190	Spectroscopy, electrochemistry and antiproliferative properties of Au(iii), Pt(ii) and Cu(ii) complexes bearing modified 2,2':6',2''-terpyridine ligands. <i>Dalton Transactions</i> , 2018 , 47, 6444-6463	4.3	28
189	High Catalytic Activity of Vanadium Complexes in Alkane Oxidations with Hydrogen Peroxide: An Effect of 8-Hydroxyquinoline Derivatives as Noninnocent Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 1824-1839	5.1	40
188	Slow Magnetic Relaxation in Cobalt(II) Field-Induced Single-Ion Magnets with Positive Large Anisotropy. <i>Inorganic Chemistry</i> , 2018 , 57, 12740-12755	5.1	27
187	Experimental and computational exploration of photophysical and electroluminescent properties of modified 2,2':6',2''-terpyridine, 2,6-di(thiazol-2-yl)pyridine and 2,6-di(pyrazin-2-yl)pyridine ligands and their Re(I) complexes. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4611	3.1	12
186	Synthesis, structures and catalytic activity of p-tolylimido rhenium(V) complexes incorporating quinoline-derived ligands. <i>Inorganica Chimica Acta</i> , 2017 , 455, 683-695	2.7	11

185	Chloride Platinum(II) Coordination Compounds with 4-Substituted Terpyridine Ligands as Donor-Acceptor-Donor Systems - Structural, Electrochemical and Luminescence Studies.. <i>ChemistrySelect</i> , 2017 , 2, 1071-1078	1.8	2
184	Spin Crossover in Double Salts Containing Six- and Four-Coordinate Cobalt(II) Ions. <i>Inorganic Chemistry</i> , 2017 , 56, 6281-6296	5.1	28
183	2,2':6',2??-Terpyridine Analogues: Structural, Electrochemical, and Photophysical Properties of 2,6-Di(thiazol-2-yl)pyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2730-2745	3.2	15
182	Synthesis of 5-azo-8-hydroxy-2-methylquinoline dyes and relevant spectroscopic, electrochemical and computational studies. <i>Dyes and Pigments</i> , 2017 , 142, 277-292	4.6	10
181	A uranium(VI) complex with a tetradentate N 1 , N 4 -disalicyliden- S -ethylisothiosemicarbazone ligand. <i>Polyhedron</i> , 2017 , 128, 188-197	2.7	5
180	A novel cationic cobalt(III) Schiff base complex: Preparation, crystal structure, Hirshfeld surface analysis, antimicrobial activities and molecular docking. <i>Microbial Pathogenesis</i> , 2017 , 113, 160-167	3.8	12
179	Thiocyanate cadmium(II) coordination compounds with 2,3,5,6-tetrakis(2-pyridyl)pyrazine □ Synthesis, structure and luminescent properties. <i>Polyhedron</i> , 2017 , 135, 109-120	2.7	17
178	Cyanate cadmium(II) coordination compounds with 2,3,5,6-tetrakis(2-pyridyl)pyrazine □ Synthesis, structure and luminescent properties. <i>Journal of Luminescence</i> , 2017 , 192, 713-719	3.8	7
177	Copper(ii) complexes of functionalized 2,2':6',2''-terpyridines and 2,6-di(thiazol-2-yl)pyridine: structure, spectroscopy, cytotoxicity and catalytic activity. <i>Dalton Transactions</i> , 2017 , 46, 9591-9604	4.3	53
176	Synthesis, spectroscopic, electrochemical and computational studies of rhenium(i) tricarbonyl complexes based on bidentate-coordinated 2,6-di(thiazol-2-yl)pyridine derivatives. <i>Dalton Transactions</i> , 2017 , 46, 9605-9620	4.3	22
175	Rhenium Complexes Based on an N2O Tridentate Click Scaffold: From Synthesis, Structural and Theoretical Characterization to a Radiolabelling Study. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 69-81	2.3	9
174	Synthesis, structural diversity and luminescent properties of cadmium(II) coordination assemblies with 2-(2-aminophenyl)-1H-benzimidazole and pseudohalide ions. <i>Journal of Luminescence</i> , 2017 , 181, 103-113	3.8	9
173	Rhenium(I) complexes with phenanthrolines bearing electron-withdrawing Cl and electron-donating CH3 substituents □ Synthesis, photophysical, thermal, and electrochemical properties with electroluminescence ability. <i>RSC Advances</i> , 2016 , 6, 112908-112918	3.7	14
172	Thiocyanate copper complexes with pyrazole-derived ligands □ Synthesis, crystal structures, DFT calculations and magnetic properties. <i>CrystEngComm</i> , 2016 , 18, 9042-9055	3.3	19
171	Synthesis, photophysical properties and application in organic light emitting devices of rhenium(I) carbonyls incorporating functionalized 2,2':6',2??-terpyridines. <i>RSC Advances</i> , 2016 , 6, 56335-56352	3.7	25
170	Solid-state and solution photoluminescence of platinum(II) complexes with 4?-substituted terpyridine ligands □ structural, spectroscopic and electrochemical studies. <i>CrystEngComm</i> , 2016 , 18, 5528-5536	3.3	13
169	Novel Re(I) tricarbonyl coordination compound of 5-amino-1,10-phenanthroline □ Synthesis, structural, photophysical and computational studies. <i>Journal of Luminescence</i> , 2016 , 171, 166-175	3.8	10
168	Rhenium(I) terpyridine complexes - synthesis, photophysical properties and application in organic light emitting devices. <i>Dalton Transactions</i> , 2016 , 45, 1746-62	4.3	43

167	Exploration of Cd(II)/pseudohalide/di-2-pyridyl ketone chemistry †rational synthesis, structural analysis and photoluminescence. <i>CrystEngComm</i> , 2016 , 18, 2650-2663	3.3	12
166	p-Tolylimido rhenium(v) complexes with phenolate-based ligands: synthesis, X-ray studies and catalytic activity in oxidation with tert-butylhydroperoxide. <i>Dalton Transactions</i> , 2016 , 45, 334-51	4.3	9
165	Tuning the photophysical properties of 4'-substituted terpyridines - an experimental and theoretical study. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3793-808	3.9	38
164	Single-ion magnet behaviour in mononuclear and two-dimensional dicyanamide-containing cobalt(ii) complexes. <i>Dalton Transactions</i> , 2016 , 45, 10181-93	4.3	52
163	Heterobimetallic Oxalate-Bridged MIIReIV (M = Zn, Cu, Ni, Co and Mn) Complexes Incorporating Bis(3,5-dimethylpyrazol-1-yl)methane: Synthesis and Magneto-Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5418-5426	2.3	6
162	Luminescence properties of palladium(II) phenanthroline derivative coordination compounds. <i>ChemistrySelect</i> , 2016 , 1, 798-804	1.8	5
161	Single ion magnet behaviour in a two-dimensional network of dicyanamide-bridged cobalt(II) ions. <i>Dalton Transactions</i> , 2015 , 44, 2989-92	4.3	56
160	Ferromagnetic Coupling Through the End-to-End Thiocyanate Bridge in Cobalt(II) and Nickel(II) Chains. <i>Crystal Growth and Design</i> , 2015 , 15, 2380-2388	3.5	83
159	Synthesis, crystal structure and magnetic properties of H2tppz[ReCl6] and [Cu(bpzm)2(ECl)ReCl3(Ebx)Cu(bpzm)2(Ebx)ReCl3(ECl)]n. <i>Dalton Transactions</i> , 2015 , 44, 17118-28	4.3	6
158	Reduction of aldehydes catalyzed by oxo-rhenium(V) complexes containing heterocyclic ligands. <i>Tetrahedron Letters</i> , 2015 , 56, 414-418	2	7
157	Coordination assemblies of CdII 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> , 2015 , 17, 830-845	3.3	25
156	Structural Diversity in Manganese(II) Complexes with Multidentate N-Donor Imino Pyridyl Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1176-1181	1.3	8
155	Synthesis, crystal structure and magnetic properties of the complex [ReCl3(tppz)][MeCN]. <i>RSC Advances</i> , 2015 , 5, 101616-101622	3.7	3
154	Synthesis, magnetic behavior and structural characterization of novel one-dimensional copper(II) coordination polymer based on azide and oxalate bridges. <i>Inorganic Chemistry Communication</i> , 2014 , 43, 86-89	3.1	10
153	Oxorhenium(V) complexes with 1H-benzimidazole-2-carboxylic acid †Synthesis, structural characterization and catalytic application in epoxidation reactions. <i>Polyhedron</i> , 2014 , 69, 205-218	2.7	10
152	Structural characterization of cobalt(II) complexes of an N,O donor Schiff base and their activity on carcinoma cells. <i>Polyhedron</i> , 2014 , 71, 85-90	2.7	18
151	Heterometallic complexes involving copper(II) and rhenium(VII) centers. <i>Polyhedron</i> , 2014 , 76, 10-15	2.7	3
150	p-Tolylimido rhenium(V) complexes - synthesis, X-ray studies, spectroscopic characterization, DFT calculations and catalytic activity. <i>Dalton Transactions</i> , 2014 , 43, 2596-610	4.3	8

149	New p-tolylimido rhenium(V) complexes with carboxylate-based ligands: synthesis, structures and their catalytic potential in oxidations with peroxides. <i>Dalton Transactions</i> , 2014 , 43, 5759-76	4.3	23
148	Effect of N-donor ancillary ligands on structural and magnetic properties of oxalate copper(II) complexes. <i>New Journal of Chemistry</i> , 2014 , 38, 1611-1626	3.6	21
147	High-temperature spin crossover in a mononuclear six-coordinate cobalt(II) complex. <i>Inorganic Chemistry</i> , 2014 , 53, 10009-11	5.1	27
146	Thiocyanate cadmium(II) complexes of 2,4,6-tri(2-pyridyl)-1,3,5-triazine: Synthesis, structure and luminescence properties. <i>Journal of Luminescence</i> , 2014 , 156, 240-254	3.8	16
145	Pseudohalide manganese(II) complexes of 2-hydroxymethylbenzimidazole: Synthesis, spectroscopy, X-ray structure and magnetic properties. <i>Polyhedron</i> , 2014 , 81, 465-474	2.7	13
144	Oxo-Rhenium(V) Complexes Containing Heterocyclic Ligands as Catalysts for the Reduction of Sulfoxides. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1855-1859	3.2	28
143	A density functional study of oxorhenium(V) complexes incorporating quinoline or isoquinoline carboxylic acids: structural, spectroscopic, and electronic properties. <i>Structural Chemistry</i> , 2014 , 25, 1607-1623	1.8	24
142	New complexes of an unsymmetrical tetradentate isothiosemicarbazone: Structural, spectral and thermogravimetric investigations, and their nanoparticles synthesis. <i>Polyhedron</i> , 2014 , 81, 115-122	2.7	9
141	Rhenium(V) oxocomplexes [ReOX(N ₂) ₂] and [ReOL(N ₂) ₂]: Synthesis, structure, spectroscopy and catalytic properties. <i>Coordination Chemistry Reviews</i> , 2014 , 275, 154-164	23.2	16
140	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> , 2014 , 146, 64-75	3.8	13
139	Synthesis, structural and magnetic characterization of oxalate copper(II) complexes of phthalazine, 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine and 6,7-dimethyl-2,3-di(2-pyridyl)quinoxaline. Supramolecular architectures stabilized by hydrogen bonding. <i>Polyhedron</i> , 2013 , 62, 158-168	2.7	10
138	Synthesis, spectroscopic characterization, X-ray structure, and DFT calculations of [Cu(tppz)(SCN) ₂]. <i>Structural Chemistry</i> , 2013 , 24, 89-96	1.8	14
137	Efficient and chemoselective direct reductive amination of aromatic aldehydes catalyzed by oxorhenium complexes containing heterocyclic ligands. <i>Tetrahedron</i> , 2013 , 69, 9145-9154	2.4	26
136	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of p-tolylimido rhenium(V) complexes of 2,2'-dipyridylamine. <i>Polyhedron</i> , 2013 , 53, 83-90	2.7	5
135	Manganese(II) complexes of 2,3,5,6-tetra-(2-pyridyl)pyrazine: Syntheses, crystal structures, spectroscopic, magnetic and catalytic properties. <i>Polyhedron</i> , 2013 , 53, 132-143	2.7	23
134	Synthesis and spectroscopic characterization of novel oxido-bridged dinuclear rhenium(V) complex of 2-(aminomethyl)benzimidazole. X-ray crystal structures of [Re ₂ O ₃ Cl ₄ (ambi) ₂][CH ₃ COCH ₃] and [Re ₂ O ₃ Cl ₄ (ambi) ₂][CH ₃ CN]. <i>Inorganic Chemistry Communication</i> , 2013 , 29, 101-105	3.1	1
133	Novel bimetallic thiocyanate-bridged Cu(II)-Hg(II) compounds: Synthesis, X-Ray studies and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 218-227	3.3	26
132	Tricarbonyl rhenium(I) complex of benzothiazole: Synthesis, spectroscopic characterization, X-ray crystal structure and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2013 , 724, 82-87	2.3	15

131	Synthesis, spectroscopic characterization and X-ray crystal structures of mononuclear and binuclear oxidorhenium(V) complexes containing indazolyl moieties. <i>Inorganica Chimica Acta</i> , 2013 , 404, 144-154	2.7	2
130	Structural diversity and magnetic properties of thiocyanate copper(II) complexes. <i>Polyhedron</i> , 2013 , 52, 1276-1286	2.7	51
129	Novel oxorhenium(V) complexes of 8-hydroxyquinoline derivatives [Synthesis, spectroscopic characterization, X-ray crystal structures and DFT calculations. <i>Polyhedron</i> , 2013 , 51, 263-274	2.7	11
128	Tricarbonylrhenium complexes from 2-pyridyl-1,2,3-triazole ligands bearing a 4-substituted phenyl arm: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2013 , 42, 7019-31	4.3	46
127	Syntheses, structures, thermal and luminescent properties of cadmium(II) complexes based on quinazoline and phthalazine. <i>Polyhedron</i> , 2013 , 54, 272-284	2.7	28
126	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> , 2013 , 56, 189-199	2.7	35
125	Oxorhenium(V) complexes of quinoline and isoquinoline carboxylic acids--synthesis, structural characterization and catalytic application in epoxidation reactions. <i>Dalton Transactions</i> , 2013 , 42, 8827-37	4.3	23
124	Synthesis, spectroscopic investigations, X-ray studies and magnetic properties of novel three-dimensional thiocyanato-bridged manganese(II)mercury(II) coordination polymers. <i>Polyhedron</i> , 2013 , 49, 216-222	2.7	6
123	Di-aqua-{2,2'-dimeth-oxy-6,6'-[(1E,1'E)-propane-1,3-diylbis(aza-nylyl-idene)bis-(methanylyl-idene)]diphenolato}nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m399		2
122	Novel p-tolylimido rhenium(V) complexes of imidazole-derived ligand [Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2012 , 31, 128-135	2.7	15
121	Synthesis, spectroscopic characterization and X-ray studies of two novel double open cubane-like cadmium(II) complexes. <i>Polyhedron</i> , 2012 , 31, 548-557	2.7	40
120	Novel rhenium(V) complexes of 8-hydroxyquinoline derivatives [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , 2012 , 33, 388-395	2.7	10
119	Novel trans-dioxorhenium complex with imidazo[1,2a]pyridine ligand [Synthesis, spectroscopic and electrochemical characterization, X-ray crystal structure and DFT calculations. <i>Polyhedron</i> , 2012 , 39, 76-84	2.7	5
118	Syntheses, structures, spectroscopic properties and DFT calculations of Re(V)-benzothiazole and 2-(2-aminophenyl)benzothiazole complexes. <i>Polyhedron</i> , 2012 , 40, 93-104	2.7	13
117	Contribution to investigation of antimicrobial activity of styrylquinolines. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6960-8	3.4	40
116	End-to-end thiocyanato-bridged zig-zag polymers of CuII, CoII and NiII with a hydrazone ligand: EPR, magnetic susceptibility and biological study. <i>Polyhedron</i> , 2012 , 44, 77-87	2.7	38
115	Synthesis, X-ray studies, spectroscopic characterization and DFT calculations of [ReO(hmbzim)2(py)]Cl·H2O and [ReO(hpbzim)2(Hhpbzim)]Cl. <i>Polyhedron</i> , 2012 , 44, 156-164	2.7	4
114	N- and S-bonded thiocyanate copper(II) complexes of 2,6-bis-(benzimidazolyl)pyridine [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , 2012 , 45, 221-228	2.7	30

113	Oxidorhenium(V) Complexes with Phenolate- and Carboxylate-Based Ligands: Structure and Catalytic Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3764-3773	2.3	22
112	Octahedral Complexes of Cobalt(III) and Nickel(II) Incorporating with Unsymmetrical NNO-Donor Hydrazone Ligand: Synthesis and Structural Aspects. <i>Journal of Chemical Crystallography</i> , 2012 , 42, 691-698	0.5	4
111	Novel Re(I) tricarbonyl complexes of chelating ligands with aromatic N-heterocycle ring and aliphatic amine donor □ Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , 2011 , 30, 2275-2285	2.7	15
110	Experimental and computational investigations of cadmium(II) complexes incorporating 2-benzoylpyridine. <i>Polyhedron</i> , 2011 , 30, 2294-2302	2.7	18
109	Heterobimetallic Mn(II)□Hg(II) polynuclear complexes containing Hg(SCN) ₄ □unit □ Synthesis, spectroscopic investigations, X-ray studies and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 2499-2504	2.7	12
108	Novel thiocyanate complexes of cadmium(II) □ Synthesis, spectroscopic characterization, X-ray studies and DFT calculations. <i>Polyhedron</i> , 2011 , 30, 2619-2626	2.7	21
107	Cu(II), Cd(II) and Ni(II) azide complexes incorporating bis(3,5-dimethylpyrazol-1-yl)methane □ Synthesis, spectroscopic characterisation, X-ray studies and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 2815-2823	2.7	36
106	X-ray studies, spectroscopic characterisation and DFT calculations for Mn(II), Ni(II) and Cu(II) complexes with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine. <i>Structural Chemistry</i> , 2011 , 22, 77-87	1.8	21
105	Rhenium(V) oxocomplexes incorporating 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenolate ligand: X-ray studies, spectroscopic characterization and DFT calculations. <i>Structural Chemistry</i> , 2011 , 22, 765-774	1.8	5
104	Cu(II), Ni(II), and Hg(II) thiocyanate complexes incorporating 4,5-diazafluoren-9-one: synthesis, spectroscopic characterization, X-ray studies, and magnetic properties. <i>Structural Chemistry</i> , 2011 , 22, 1053-1064	1.8	8
103	Novel p-tolylimido rhenium(V) complexes incorporating quinoline-2-carboxylate ion □ Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Inorganica Chimica Acta</i> , 2011 , 370, 7-17	2.7	9
102	Novel oxorhenium complex of 4,5-diaza-fluoren-9-one-synthesis, spectroscopic characterization, X-Ray structure and DFT calculations. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 17-21	3.1	2
101	Rhenium(I) and technetium(I) complexes of a novel pyridyltriazole-based ligand containing an arylpiperazine pharmacophore: Synthesis, crystal structures, computational studies and radiochemistry. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 238-242	3.1	44
100	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of novel mononuclear Re(V) complex with imidazole-derived ligand. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1358-1361	3.1	11
99	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> , 2011 , 994, 256-262	3.4	2
98	Novel tricarbonyl rhenium complexes of 5,8-quinolinedione derivatives □ Synthesis, spectroscopic characterisation, X-ray structure and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 731-738	2.3	10
97	Rhenium(I) carbonyl complex of 4,7-diphenyl-1,10-phenanthroline □ Spectroscopic properties, X-Ray structure, theoretical studies of ground and excited electronic states. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3068-3075	2.3	18
96	Synthesis, X-ray studies, spectroscopic characterization and DFT calculations of p-tolylimido rhenium(V) complexes bearing an imidazole-based ligand. <i>Polyhedron</i> , 2011 , 30, 142-153	2.7	14

95	Two novel rhenium complexes derived from [ReO(OMe)Cl ₂ (dpphen)] [Synthesis, crystal structure, spectroscopic and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 354-363	2.7	10
94	X-ray studies, spectroscopic characterization and DFT calculations for Mn(II), Ni(II) and Cu(II) complexes with 2-benzoylpyridine. <i>Polyhedron</i> , 2011 , 30, 410-418	2.7	10
93	Thiocyanate manganese(II) complexes with pyridine and its derivatives ligands. <i>Polyhedron</i> , 2011 , 30, 746-753	2.7	28
92	Copper(II) complexes of bis(pyrazol-1-yl)methane [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , 2011 , 30, 864-872	2.7	19
91	Novel copper complexes based on the thiocyanate bridge [Synthesis, X-ray studies and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 832-840	2.7	32
90	Synthesis, X-ray studies, spectroscopic investigation, and DFT calculations of [ReBr ₃ (dppt)(OPPh ₃)]. <i>Structural Chemistry</i> , 2010 , 21, 761-769	1.8	10
89	Cu(N ₃) ₂ Cl ₂ and Cu(N ₃)Cl ₂ and HgCl ₂ building blocks in the synthesis of coordination compounds X-ray studies and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2012-2020 ³⁻³		3
88	Novel rhenium oxocomplexes of 2-hydroxymethylbenzimidazole [Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2010 , 29, 1619-1629	2.7	9
87	Heterobimetallic Cu(II)Hg(II) polynuclear complexes containing Hg(SCN) ₄ unit [Synthesis, spectroscopic investigations, X-ray studies and magnetic properties. <i>Polyhedron</i> , 2010 , 29, 2023-2032	2.7	10
86	Novel rhenium oxocomplexes of indazole-3-carboxylic acid [Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2010 , 29, 2061-2069	2.7	7
85	Attempts of synthesis of Hg(SCN) ₄ -based coordination polymers in conjunction with [Cu(LI) ₂] ²⁺ building blocks. <i>Polyhedron</i> , 2010 , 29, 2157-2165	2.7	6
84	p-Tolylimido rhenium(V) complexes [Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2010 , 29, 2381-2392	2.7	7
83	Synthesis, spectroscopic investigation, structural characterization and DFT calculation of the complexes [ReX ₂ (N ₂ COPh)(4-PhPyr)(PPh ₃) ₂] (X=Cl,Br). <i>Polyhedron</i> , 2010 , 29, 2629-2636	2.7	2
82	Synthesis, characterization and molecular structure of Re(III) complexes containing 2-benzoylpyridine. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 231-235	3.1	2
81	Novel rhenium(II) complex of 2,3,5,6-tetra(2-pyridyl)pyrazine [Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 904-908 ³⁻¹		5
80	Tricarbonyl rhenium complex of 2,2'-bis(4,5-dimethylimidazole) [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 1317-1320	3.1	14
79	Synthesis, spectroscopic characterization, X-ray structure, and DFT calculations of [ReOBr ₂ (hmquin-7-COOH)(AsPh ₃)]. <i>Structural Chemistry</i> , 2009 , 20, 361-368	1.8	4
78	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of [ReOCl ₂ (8-Sqn)(OPPh ₃)]. <i>Structural Chemistry</i> , 2009 , 20, 911-918	1.8	1

- 77 Synthesis, crystal structure, magnetic properties and EPR studies of Cu/Hg bimetallic thiocyanato-bridged coordination polymer. *Inorganica Chimica Acta*, **2009**, 362, 1369-1373 2.7 14
- 76 Synthesis, spectroscopic characterization, crystal and molecular structure of [ReOBr(hmqin-7-COOH)₂] and [ReOCl(hmqin-7-COOH)₂][MeCN] complexes. DFT and TD-DFT calculations for [ReOBr(hmqin-7-COOH)₂]. *Polyhedron*, **2009**, 28, 493-500 2.7 15
- 75 Novel oxorhenium complexes with 2-(2'-hydroxy-5'-methylphenyl)benzotriazolato ligand. X-ray studies, spectroscopic characterization and DFT calculations. *Polyhedron*, **2009**, 28, 1211-1220 2.7 15
- 74 Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of copper(II) complex with 2-(2-pyridyl)benzimidazole. *Polyhedron*, **2009**, 28, 1348-1354 2.7 31
- 73 Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of [Re(CO)₃L₂Cl] (L=1,2,4-triazolo-[1,5-a]pyrimidine). *Polyhedron*, **2009**, 28, 2571-2578 2.7 9
- 72 Novel rhenium(III) complexes with the picolinate ligand: Synthesis, spectroscopic investigations, X-ray structures and DFT calculations for [ReX₂(pic)(PPh₃)₂] complexes. *Polyhedron*, **2009**, 28, 2377-2384 2.7 8
- 71 Coordination chemistry of di-2-pyridylketone. Synthesis, spectroscopic investigations, X-ray studies and DFT calculations of Re(III) and Re(V) complexes. *Polyhedron*, **2009**, 28, 2821-2830 2.7 7
- 70 Reactivity of [ReOX₃(PPh₃)₂] and [ReOX₃(AsPh₃)₂] towards 2-(2-hydroxyphenyl)-1H-benzimidazole: Synthesis, X-ray studies, spectroscopic characterization and DFT calculations for [ReOX₂(hpb)(EPh₃)₂] and [ReO(OMe)(hpb)₂][MeCN]. *Polyhedron*, **2009**, 28, 2949-2964 2.7 23
- 69 Synthesis, spectroscopic characterization, X-ray structure and magnetic properties of [Cu(hmqin-7-COOH)₂(MeOH)] complex. *Polyhedron*, **2009**, 28, 3774-3780 2.7 2
- 68 Mono- and di-nuclear oxorhenium(V) complexes of 4,7-diphenyl-1,10-phenanthroline. *Polyhedron*, **2009**, 28, 3999-4009 2.7 6
- 67 Nucleophilic addition of water to 1-isoquinolinyl phenyl ketone. The synthesis, spectroscopic investigation, crystal and molecular structure and DFT calculations of [ReOBr₂(iquinpk-OH)(PPh₃)]. *Inorganic Chemistry Communication*, **2009**, 12, 789-792 3.1 4
- 66 Crystal, molecular and electronic structure of [ReCl₂(N₂COPh₂O)(PPh₃)₂]. *Journal of Coordination Chemistry*, **2008**, 61, 1066-1077 1.6 4
- 65 Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of rhenium(III) complex with bis(3,5-dimethylpyrazol-1-yl)methane. *Structural Chemistry*, **2008**, 19, 165-170 1.8 6
- 64 Synthesis, spectroscopic characterisation, crystal and molecular structure of [ReOBr(quin-2-c)₂] and [ReOCl(quin-2-c)₂] complexes: DFT and TD-DFT calculations for [ReOBr(quin-2-c)₂]. *Polyhedron*, **2008**, 27, 187-195 2.7 15
- 63 Reactivity of oxorhenium(V) complexes towards 8-hydroxyquinoline-2-carboxylic acid: X-ray structure of [ReOCl₂(hquin-2-COOH)(AsPh₃)][MeCN] and [ReOCl₂(hquin-2-COOH)(PPh₃)][MeCN] complexes. DFT and TDDFT calculations for [ReOCl₂(hquin-2-COOH)(AsPh₃)]. *Polyhedron*, **2008**, 27, 366-374 2.7 12
- 62 Novel dioxorhenium complex with bis(3,5-dimethylpyrazol-1-yl)methane ligand [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. *Polyhedron*, **2008**, 27, 797-804 2.7 6
- 61 Oxorhenium(V) complexes with 2-(1-H-pyrazol-3-yl)phenolato ligand. X-ray structures of [ReOCl₂(C₉H₇N₂O)(PPh₃)][MeCN] and [ReOX₂(C₉H₇N₂O)(AsPh₃)][MeCN] (X=Cl, Br) complexes. DFT and TD-DFT calculations for [ReOCl₂(C₉H₇N₂O)(PPh₃)]. *Polyhedron*, **2008**, 27, 923-932 2.7 12
- 60 Reactivity of oxorhenium(V) complexes towards quinoline carboxylic acids. X-ray structure of [ReOCl₂(hquin-7-COOH)(PPh₃)][DPPH₃], [ReOBr₂(hquin-7-COOH)(PPh₃)] and [ReOX₂(hmquin-7-COOH)(PPh₃)]. DFT and TD-DFT calculations for [ReOCl₂(hquin-7-COOH)(PPh₃)]. *Polyhedron*, **2008**, 27, 1121-1130 2.7 14

59	Synthesis, spectroscopic characterization, crystal and molecular structure of [ReOX ₂ (bopyH)(PPh ₃)] complexes: DFT calculations for [ReOCl ₂ (bopyH)(PPh ₃)]. <i>Polyhedron</i> , 2008 , 27, 1262-1269	2.7	8
58	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of rhenium(III) complex with 1-isoquinolinyl phenyl ketone. <i>Polyhedron</i> , 2008 , 27, 1739-1746	2.7	9
57	Novel oxorhenium complexes with 2-(2'-hydroxyphenyl)-2-benzothiazolinato ligand: X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2008 , 27, 1679-1689	2.7	34
56	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> , 2008 , 27, 1767-1778	2.7	12
55	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> , 2008 , 27, 2513-2518	2.7	10
54	Coordination studies of 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine towards Cu ²⁺ cation. X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2008 , 27, 2959-2967	2.7	26
53	Seven-coordinate rhenium(III) complexes of 1-(2-pyridylazo)-2-naphtholate: X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2008 , 27, 3013-3019	2.7	13
52	A novel oxo-bridged rhenium complex with Re centers in different coordination environments □ Synthesis, spectroscopic characterization and X-ray structure. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 494-497	3.1	4
51	A novel terpyridyl rhenium(II) complex [Synthesis, spectroscopic characterization and X-ray structure. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 918-920	3.1	6
50	Synthesis, crystal, molecular and electronic structure of the [Re(NO) _{0.87} Br _{2.13} (PPh ₃)(PPh ₂ py-P,N)] complex and DFT calculations of [Re(NO)Br ₂ (PPh ₃)(PPh ₂ py-P,N)]. <i>Journal of Molecular Structure</i> , 2007 , 837, 92-100	3.4	9
49	An unusual oxo-bridged rhenium complex with the Re centers in different coordination environments. <i>Polyhedron</i> , 2007 , 26, 1259-1268	2.7	4
48	X-ray structure, spectroscopic characterisation and DFT calculations of the [Re(CO) ₃ (dppt)Cl] complex. <i>Polyhedron</i> , 2007 , 26, 1590-1596	2.7	12
47	A novel tricarbonyl rhenium complex of 2,6-bis(pyrazo-1-yl)-pyridine [X-ray structure, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2007 , 26, 2470-2476	2.7	10
46	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> , 2007 , 26, 2543-2549	2.7	7
45	Synthesis, crystal, molecular, and electronic structure of [ReOCl ₃ (bpzm)] complex. <i>Polyhedron</i> , 2007 , 26, 2581-2588	2.7	10
44	Oxorhenium complexes with the 8-quinolinolato ligand. X-ray structure and DFT calculations for [ReOX ₂ (hqn)(AsPh ₃)] and [ReOX ₂ (hqn)(PPh ₃)] complexes. <i>Polyhedron</i> , 2007 , 26, 2837-2844	2.7	13
43	New oxorhenium complexes with the 8-quinolinolato ligand: X-ray structure and DFT calculations for [ReOBr(hqn) ₂]. <i>Polyhedron</i> , 2007 , 26, 2957-2963	2.7	11
42	Reactivity of [ReOX ₃ (PPh ₃) ₂] complexes towards pyridazine. X-ray structures of [{ReOCl ₂ } ₂ (EO)(Epyd) ₂][C ₆ H ₆] and [{ReOBr ₂ } ₂ (EO)(Epyd) ₂][CH ₃ CN], and DFT calculations for [{ReOCl ₂ } ₂ (EO)(Epyd) ₂]. <i>Polyhedron</i> , 2007 , 26, 3054-3062	2.7	7

41	X-ray structure, spectroscopic characterisation and DFT calculations of the [Re(CO) ₃ (2,2'-biquinoline)Cl] complex. <i>Polyhedron</i> , 2007 , 26, 3336-3342	2.7	5
40	New oxorhenium complexes with 2-(2'-hydroxyphenyl)-2-benzoxazolinato ligand. X-ray structure and DFT calculations for [ReOX ₂ (hbo)(AsPh ₃)] and [ReOX ₂ (hbo)(PPh ₃)] complexes. <i>Polyhedron</i> , 2007 , 26, 3455-3464	2.7	12
39	Oxorhenium(V) complexes with quinoline-2-carboxylate ligand. X-ray structure of [ReOCl ₂ (quin-2-c)(PPh ₃)] and [ReOBr ₂ (quin-2-c)(AsPh ₃)] complexes: DFT and TD-DFT calculations for [ReOCl ₂ (quin-2-c)(PPh ₃)]. <i>Polyhedron</i> , 2007 , 26, 3686-3694	2.7	28
38	Novel rhenium(III) complexes with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine: X-ray structures and DFT calculations for [ReCl ₃ (OPPh ₃)(dppt)] and [ReCl ₃ (PPh ₃)(dppt)] complexes. <i>Polyhedron</i> , 2007 , 26, 4427-4435	2.7	9
37	A novel rhenium(III) complex with bis(pyrazol-1-yl)methane: X-ray structure and DFT calculations for [ReCl ₃ (bpzm)(PPh ₃)]. <i>Polyhedron</i> , 2007 , 26, 4833-4840	2.7	3
36	A novel tricarbonyl rhenium complex of 2-benzoylpyridine [Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4161-4167	2.3	11
35	An unusual oxo-bridged mixed-valent dinuclear rhenium complex with the Re centers in various different coordination environments. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1303-1313	2.7	6
34	Synthesis, crystal, molecular and electronic structure of the [ReOCl ₂ (pzH) ₂ (OAsPh ₃)](ReO ₄) and [ReCl ₂ (pzH) ₂] ₂ (EO) complexes. <i>Polyhedron</i> , 2006 , 25, 1111-1124	2.7	12
33	Synthesis, crystal, molecular and electronic structure of the [ReCl ₄ (pzH)(PPh ₃)] and [ReCl ₄ (pyz)(PPh ₃)] complexes. <i>Polyhedron</i> , 2006 , 25, 1348-1358	2.7	5
32	Synthesis, crystal, molecular and electronic structure of the [Re(NO)Cl ₂ (PPh ₃)(PPh ₂ py-P,N)] complex. <i>Polyhedron</i> , 2006 , 25, 1985-1993	2.7	20
31	Synthesis, crystal, molecular and electronic structure of [ReOCl ₃ (phen)] and [ReCl ₂ (phen)(PPh ₃) ₂](ReO ₄) complexes. <i>Polyhedron</i> , 2006 , 25, 2537-2549	2.7	16
30	Structural and spectroscopic studies on rhenium(III) diphenyl(2-pyridyl)phosphine oxide complexes. <i>Polyhedron</i> , 2006 , 25, 2663-2672	2.7	11
29	Natural bond orbital analysis and density functional study of linear and bent oxo-bridged dimers of rhenium(V). <i>Computational and Theoretical Chemistry</i> , 2006 , 766, 1-8		7
28	The reactivity of [ReBr ₃ (MeCN)(dppe)] towards gaseous nitric oxide. The X-ray structure of [ReBr ₃ (MeCN)(dppe)] and [ReBr ₃ (NO)(dppe)] _{0.57} [ReOBr ₃ (dppe)] _{0.43} and DFT calculations for [ReBr ₃ (NO)(dppe)] and [ReOBr ₃ (dppe)]. <i>Journal of Molecular Structure</i> , 2005 , 740, 107-117	3.4	3
27	The synthesis, spectroscopic characterisation, crystal and molecular structure of the [ReCl ₃ (NO)(OPPh ₃)(pyz)] complex. DFT calculations for [ReCl ₃ (NO)(OPPh ₃)(pyz)] and [ReCl ₃ (NO)(OPPh ₃)(PPh ₃)]. <i>Polyhedron</i> , 2005 , 24, 267-279	2.7	7
26	Reactions of [ReX ₅ (NO)] ₂ with triphenylstibine. Spectroscopic investigations of [ReX ₂ (NO)(SbPh ₃) ₃], X-ray structures of [ReCl ₂ (NO)(SbPh ₃) ₃] and [ReBr ₂ Cl(SbPh ₃) ₃] and DFT calculations for [ReCl ₂ (NO)(SbPh ₃) ₃]. <i>Polyhedron</i> , 2005 , 24, 419-426	2.7	4
25	Crystal, molecular and electronic structure of the [ReCl ₃ (bipy)(PPh ₃)] complex. <i>Polyhedron</i> , 2005 , 24, 701-709	2.7	11
24	Reactivity of [ReOX ₃ (PPh ₃) ₂] complexes towards 1,4-diaminobenzene: X-ray structure and DFT calculations of the [Re(4-NC ₆ H ₄ NH ₂)Cl ₃ (PPh ₃) ₂][PPh ₃] complex. <i>Polyhedron</i> , 2005 , 24, 1454-1460	2.7	8

23	Synthesis, spectroscopic characterization, crystal, molecular and electronic structure of the $[\{\text{ReOBr}_2(\text{pyz})_2\}_2(\text{EO})]$ and $[\{\text{ReOBr}_2\}_2(\text{EO})(\text{Epyd})_2]$ complexes. <i>Polyhedron</i> , 2005 , 24, 1893-1906	2.7	4
22	Synthesis, crystal, molecular and electronic structure of rhenium nitrosyl with pyrazole in the coordination sphere. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 960-965	3.1	3
21	Structural and spectroscopic properties of dinuclear rhenium complexes containing $(\text{ReO})_2(\text{EO})$ core. <i>Coordination Chemistry Reviews</i> , 2005 , 249, 591-612	23.2	33
20	Structural and spectroscopic properties of rhenium nitrosyl complexes. <i>Coordination Chemistry Reviews</i> , 2005 , 249, 2277-2307	23.2	41
19	X-ray and electronic structure of the $[\text{ReCl}_3(\text{pzH})_2(\text{PPh}_3)]$ and $[\text{ReCl}_3(3,5\text{-Me}_2\text{pzH})_2(\text{PPh}_3)]$ complexes. <i>Polyhedron</i> , 2004 , 23, 1819-1827	2.7	18
18	Linear and bent oxo-bridged dinuclear rhenium(V) complexes with terminal and bridging pyrazole ligands. <i>Inorganica Chimica Acta</i> , 2004 , 357, 1011-1022	2.7	21
17	DFT calculation and X-ray structure of the $[\text{ReCl}_3(\text{pzH})_3]$ complex. <i>Polyhedron</i> , 2004 , 23, 2005-2011	2.7	14
16	Electronic structure and UV-Vis spectroscopy of $[\text{Re}(\text{NO})\text{Br}_3(\text{PPh}_3)_2]$ and $[\text{Re}(\text{NO})\text{Br}_3(\text{OPPh}_3)_2]$ complexes. <i>Polyhedron</i> , 2004 , 23, 2363-2371	2.7	5
15	Synthesis, crystal, molecular and electronic structure of the $[\text{ReBr}_3(\text{NO})(\text{AsPh}_3)(\text{pzH})]$ complex. <i>Polyhedron</i> , 2004 , 23, 2523-2531	2.7	21
14	Synthesis, spectroscopic characterization, crystal and molecular structure of <i>fac</i> - $[\text{ReO}_3\text{Br}(\text{phen})]$. <i>Journal of Coordination Chemistry</i> , 2004 , 57, 1-7	1.6	4
13	Synthesis, spectroscopic investigation and X-ray structure of mononuclear and binuclear oxo complexes of rhenium(V) with pyrazolato ligands. <i>Transition Metal Chemistry</i> , 2003 , 28, 939-947	2.1	14
12	Synthesis and spectroscopic investigation of the pyrazole complexes. The X-ray structure of $[\text{ReOBr}_3(\text{OAsPh}_3)(\text{pzH})]$. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1436-1440	3.1	6
11	The reactivity of <i>mer</i> - $[\text{ReOBr}_3(\text{bipy})]$ towards gaseous nitric oxide. The crystal, molecular and electronic structure of <i>mer</i> - $[\text{ReOBr}_3(\text{bipy})]$ and $[\text{ReBr}_4(\text{bipy})]$. <i>Polyhedron</i> , 2003 , 22, 2573-2580	2.7	12
10	The synthesis, spectroscopic characterisation, crystal and molecular structure of two novel bent oxo-bridged dimers of rhenium(V) with benzotriazolate ligands. <i>Polyhedron</i> , 2003 , 22, 2869-2875	2.7	9
9	The synthesis, spectroscopic investigation, crystal and molecular structure of $[\text{ReCl}_3(\text{MeCN})(\text{dppe})]$ complex. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 786-789	3.1	4
8	The synthesis, spectroscopic investigation, crystal and molecular structure of the $[\text{ReBrCl}_2(\text{SbPh}_3)_3]$ complex. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 859-863	3.1	1
7	The Synthesis, Crystal, Molecular and Electronic Structure of $[\text{ReCl}_2(\text{NO})(\text{py})_3]$. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 417-425	1.6	3
6	Reactivity of $[\text{ReOX}_3(\text{AsPh}_3)_2]$ (X=Cl, Br) complexes towards gaseous nitric oxide.. <i>Polyhedron</i> , 2002 , 21, 2617-2629	2.7	15

5	The Molecular and Electronic Structure of [ReOX ₃ (AsPh ₃)(OAsPh ₃)] Complexes (X = Cl, Br). <i>Journal of Coordination Chemistry</i> , 2002 , 55, 1315-1325	1.6	5
4	THE SYNTHESIS, CRYSTAL, MOLECULAR AND ELECTRONIC STRUCTURES OF TRIBROMO(NITROSYL) BIS(TRIPHENYLPHOSPHINE OXIDE) RHENIUM(II) AND TRIBROMO(NITROSYL) BIS(TRIPHENYLPHOSPHINE)RHENIUM(I). <i>Journal of Coordination Chemistry</i> , 2001 , 52, 361-373	1.6	22
3	New synthetic routes to some nitrosyl rhenium complexes. Crystal, molecular and electronic structure of [ReCl ₃ (NO)(PPh ₃) ₂] and [ReCl ₂ (CO)(NO)(PPh ₃) ₂] complexes. <i>Polyhedron</i> , 1999 , 18, 2313-2320	2.7	19
2	THE SYNTHESIS, CRYSTAL, MOLECULAR AND ELECTRONIC STRUCTURE OF TRICHLORO(NITROSYL)BIS(TRIPHENYL-PHOSPHINE OXIDE)RHENIUM(II). <i>Journal of Coordination Chemistry</i> , 1999 , 48, 125-135	1.6	19
1	Photoreduction of molecular nitrogen using the complex [ReH ₅ (dppe)(PPh ₃)]. <i>Polyhedron</i> , 1997 , 16, 1979-1981	2.7	8