

Jan G MaÅ,ecki

List of Publications by Year in descending order

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papers

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201674

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204
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3832
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation into antiproliferative activity and apoptosis mechanism of new arene Ru(II) carbazole-based hydrazone complexes. Dalton Transactions, 2020, 49, 11385-11395.	3.3	138
2	Synthesis, crystal, molecular and electronic structures of thiocyanate ruthenium complexes with pyridine and its derivatives as ligands. Polyhedron, 2010, 29, 1973-1979.	2.2	103
3	Efficient and versatile catalysis of N-alkylation of heterocyclic amines with alcohols and one-pot synthesis of 2-aryl substituted benzazoles with newly designed ruthenium(II) complexes of PNS thiosemicarbazones. Dalton Transactions, 2014, 43, 7889-7902.	3.3	95
4	Exploring the Anti-Cancer Activity of Novel Thiosemicarbazones Generated through the Combination of Retro-Fragments: Dissection of Critical Structure-Activity Relationships. PLoS ONE, 2014, 9, e110291.	2.5	61
5	Highly Phosphorescent Cyclometalated Iridium(III) Complexes for Optoelectronic Applications: Fine Tuning of the Emission Wavelength through Ancillary Ligands. Journal of Physical Chemistry C, 2016, 120, 7284-7294.	3.1	52
6	Coumarin-substituted 1,2,4-triazole-derived silver(I) and gold(I) complexes: synthesis, characterization and anticancer studies. New Journal of Chemistry, 2019, 43, 1216-1229.	2.8	52
7	Nickel(II)- N^{O} Pincer Type Complex-Catalyzed N-alkylation of Amines with Alcohols via the Hydrogen Autotransfer Reaction. Journal of Organic Chemistry, 2020, 85, 7125-7135.	3.2	49
8	Tuning the photophysical properties of 4 - substituted terpyridines – an experimental and theoretical study. Organic and Biomolecular Chemistry, 2016, 14, 3793-3808.	2.8	46
9	Highly Luminescence Anthracene Derivatives as Promising Materials for OLED Applications. European Journal of Organic Chemistry, 2016, 2016, 4020-4031.	2.4	44
10	Ruthenium(II) carbonyl complexes designed with arsine and PNO/PNS ligands as catalysts for N-alkylation of amines via hydrogen autotransfer process. Journal of Organometallic Chemistry, 2015, 791, 130-140.	1.8	41
11	Nickel(II) and copper(II) complexes constructed with N_2S_2 hybrid benzamidine-thiosemicarbazone ligand: synthesis, X-ray crystal structure, DFT, kinetic-catalytic and in vitro biological applications. RSC Advances, 2015, 5, 103321-103342.	3.6	41
12	Ruthenium(II) carbonyl complexes containing pyridoxal thiosemicarbazone and trans-bis(triphenylphosphine/arsine): Synthesis, structure and their recyclable catalysis of nitriles to amides and synthesis of imidazolines. Journal of Molecular Catalysis A, 2015, 398, 312-324.	4.8	39
13	Ruthenium(II) complexes containing a phosphine-functionalized thiosemicarbazone ligand: synthesis, structures and catalytic C–N bond formation reactions via N-alkylation. RSC Advances, 2015, 5, 11405-11422.	3.6	39
14	Sterically modulated silver(I) complexes of coumarin substituted benzimidazol-2-ylidenes: Synthesis, crystal structures and evaluation of their antimicrobial and antitumor cancer potentials. Journal of Inorganic Biochemistry, 2018, 183, 43-57.	3.5	38
15	Spectroscopy, electrochemistry and antiproliferative properties of Au(III), Pt(II) and Cu(II) complexes bearing modified 2,2 - 6 - ,2 - terpyridine ligands. Dalton Transactions, 2018, 47, 6444-6463.	3.7	37
16	Fast dark cis-trans isomerization of azopyridine derivatives in comparison to their azobenzene analogues: Experimental and computational study. Dyes and Pigments, 2019, 160, 654-662.	3.7	37
17	New donor-acceptor-donor molecules based on quinoline acceptor unit with Schiff base bridge: synthesis and characterization. Journal of Luminescence, 2017, 183, 458-469.	3.1	36
18	Structural, spectroscopic and magnetic properties of thiocyanate complexes of Mn(II), Ni(II) and Cu(II) with the 1-methylimidazole ligand. Polyhedron, 2012, 36, 56-68.	2.2	35

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19	Comparative Studies of Structural, Thermal, Optical, and Electrochemical Properties of Azines with Different End Groups with Their Azomethine Analogues toward Application in (Opto)Electronics. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10320-10332.	2.5	35
20	An attractive route to transamidation catalysis: Facile synthesis of new o-aryloxo-N-heterocyclic carbene ruthenium(II) complexes containing trans triphenylphosphine donors. <i>Journal of Molecular Catalysis A</i> , 2015, 403, 15-26.	4.8	35
21	Palladium(II) pyridoxal thiosemicarbazone complexes as efficient and recyclable catalyst for the synthesis of propargylamines by a three-component coupling reactions in ionic liquids. <i>Polyhedron</i> , 2016, 119, 300-306.	2.2	35
22	Green synthesis of 3,4-disubstituted isoxazolones using ZnO@Fe ₃ O ₄ core-shell nanocatalyst in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5544.	3.5	32
23	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.	5.5	32
24	Synthesis, crystal, molecular and electronic structures of thiocyanate hydrido-carbonyl ruthenium(II) complexes with imidazole derivatives ligands. <i>Polyhedron</i> , 2010, 29, 2489-2497.	2.2	30
25	Thiocyanate manganese(II) complexes with pyridine and its derivatives ligands. <i>Polyhedron</i> , 2011, 30, 746-753.	2.2	30
26	Half-sandwich ruthenium(II) complexes with N- and N,(N,O)-donor ligands: molecular, electronic structures, and computational study. <i>Structural Chemistry</i> , 2012, 23, 461-472.	2.0	30
27	Iron Chelators in Photodynamic Therapy Revisited: Synergistic Effect by Novel Highly Active Thiosemicarbazones. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 336-339.	2.8	30
28	Ruthenium(II) carbonyl complexes containing bidentate 2-oxo-1,2-dihydroquinoline-3-carbaldehyde hydrazone ligands as efficient catalysts for catalytic amidation reaction. <i>Journal of Organometallic Chemistry</i> , 2016, 803, 119-127.	1.8	30
29	Synthesis and photophysical properties of new perylene bisimide derivatives for application as emitting materials in OLEDs. <i>Dyes and Pigments</i> , 2018, 159, 590-599.	3.7	30
30	Synthesis and structure of arene ruthenium(II) benzhydrazone complexes: Antiproliferative activity, apoptosis induction and cell cycle analysis. <i>Journal of Organometallic Chemistry</i> , 2018, 862, 95-104.	1.8	29
31	Nickel(II) complex incorporating methylene bridged tetradentate dicarbene ligand as an efficient catalyst toward CC and CN bond formation reactions. <i>Journal of Molecular Catalysis A</i> , 2015, 397, 56-67.	4.8	28
32	An investigation on 3-acetyl-7-methoxy-coumarin Schiff bases and their Ru(II) metallates with potent antiproliferative activity and enhanced LDH and NO release. <i>RSC Advances</i> , 2018, 8, 1539-1561.	3.6	28
33	Does the length matter? - Synthesis, photophysical, and theoretical study of novel quinolines based on carbazoles with different length of alkyl chain. <i>Dyes and Pigments</i> , 2019, 160, 604-613.	3.7	28
34	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> , 2008, 693, 1096-1108.	1.8	27
35	Synthesis, Electrochemistry, Crystal Structures, and Optical Properties of Quinoline Derivatives with a 2,2'-bithiophene Motif. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5256-5264.	2.4	27
36	Ether and coumarin-functionalized (benz)imidazolium salts and their silver(I) heterocyclic carbene complexes: Synthesis, characterization, crystal structures and antimicrobial studies. <i>Journal of Organometallic Chemistry</i> , 2018, 854, 64-75.	1.8	27

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37	Synthesis, spectroscopic and structural characterizations of two new complexes of ruthenium with 2-(hydroxymethyl)benzimidazole and 1,10-phenanthroline ligands. <i>Polyhedron</i> , 2009, 28, 3891-3898.	2.2	26
38	Small Donor–Acceptor Molecules Based on a Quinoline–Fluorene System with Promising Photovoltaic Properties. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2500-2508.	2.4	25
39	Spectroscopic, structure and DFT studies of palladium(II) complexes with pyridine-type ligands. <i>Transition Metal Chemistry</i> , 2011, 36, 297-305.	1.4	24
40	New p-tolylimido rhenium(ν) complexes with carboxylate-based ligands: synthesis, structures and their catalytic potential in oxidations with peroxides. <i>Dalton Transactions</i> , 2014, 43, 5759-5776.	3.3	24
41	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.	2.0	23
42	Molecular, spectroscopic, and magnetic properties of cobalt(II) complexes with heteroaromatic N(O)-donor ligands. <i>Structural Chemistry</i> , 2012, 23, 1219-1232.	2.0	23
43	Comprehensive exploration of the optical and biological properties of new quinoline based cellular probes. <i>Dyes and Pigments</i> , 2017, 144, 119-132.	3.7	23
44	Arbutin: Isolation, X-ray structure and computational studies. <i>Journal of Molecular Structure</i> , 2010, 980, 13-17.	3.6	22
45	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.	2.2	22
46	Noncovalent azopoly(ester imide)s: Experimental study on structure-property relations and theoretical approach for prediction of glass transition temperature and hydrogen bond formation. <i>Polymer</i> , 2017, 113, 53-66.	3.8	22
47	Cyanuric chloride catalyzed metal-free mild protocol for the synthesis of highly functionalized tetrahydropyridines. <i>Tetrahedron Letters</i> , 2017, 58, 3905-3909.	1.4	22
48	Synthesis, molecular, crystal and electronic structures of [(C ₆ H ₆)RuCl(HPz) ₂]Cl and [(C ₆ H ₆)RuCl ₂ (Me ₂ HPz)]. <i>Polyhedron</i> , 2004, 23, 885-894.	2.2	21
49	Glucose oxidase mimicking half-sandwich nickel(II) complexes of coumarin substituted N-heterocyclic carbenes as novel molecular electrocatalysts for ultrasensitive and selective determination of glucose. <i>Biosensors and Bioelectronics</i> , 2019, 134, 24-28.	10.1	21
50	X-ray structures and computational studies of several cathinones. <i>Journal of Molecular Structure</i> , 2011, 1002, 10-18.	3.6	20
51	Heteroleptic binuclear copper(I) complexes bearing bis(salicylidene)hydrazone ligands: Synthesis, crystal structure and application in catalytic N-alkylation of amines. <i>Polyhedron</i> , 2015, 89, 62-69.	2.2	20
52	One-Pot Catalytic Approach for the Selective Aerobic Synthesis of Imines from Alcohols and Amines Using Efficient Arene Diruthenium(II) Catalysts under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6726-6733.	2.4	20
53	Novel 1,8-naphthalimides substituted at 3-C position: Synthesis and evaluation of thermal, electrochemical and luminescent properties. <i>Dyes and Pigments</i> , 2018, 158, 65-78.	3.7	20
54	Synthesis, characterization, crystal structure and antibacterial properties of N- and O-functionalized (benz)imidazolium salts and their N-heterocyclic carbene silver(I) complexes. <i>Journal of Molecular Structure</i> , 2019, 1196, 627-636.	3.6	20

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55	A ruthenium(II) hydride carbonyl complex with 4-phenylpyrimidine as co-ligand. <i>Transition Metal Chemistry</i> , 2012, 37, 727-734.	1.4	19
56	Optical and electrochemical properties of novel thermally stable Schiff bases bearing naphthalene unit. <i>Journal of Electroanalytical Chemistry</i> , 2015, 751, 128-136.	3.8	19
57	Organonickel complexes encumbering bis-imidazolylidene carbene ligands: Synthesis, X-ray structure and catalytic insights on Buchwald-Hartwig amination reactions. <i>Journal of Organometallic Chemistry</i> , 2017, 831, 1-10.	1.8	19
58	2,2',6',6''-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.	2.4	19
59	Polycyclic aromatic hydrocarbons connected with Schiff base linkers: Experimental and theoretical photophysical characterization and electrochemical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 168-176.	3.9	19
60	Cyclometalated Ru(II)-NHC Complexes as Effective Catalysts for Transfer Hydrogenation: Influence of Wingtip Group on Catalytic Outcome. <i>ChemistrySelect</i> , 2017, 2, 10603-10608.	1.5	19
61	Ruthenium(II) complexes containing phosphino hydrazone/thiosemicarbazone ligand: An efficient catalyst for regioselective N-alkylation of amine via borrowing hydrogen methodology. <i>Inorganica Chimica Acta</i> , 2018, 477, 122-129.	2.4	19
62	Platinum(II) complexes showing high cytotoxicity toward A2780 ovarian carcinoma cells. <i>Dalton Transactions</i> , 2019, 48, 13081-13093.	3.3	19
63	Carbonate-SO ₃ H derived from glycerol: a green recyclable catalyst for synthesis of 2,3-dihydroquinazolin-4(1H)-ones. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1-9.	2.2	18
64	Synthesis, molecular, crystal and electronic structure of [RuCl ₂ (PPh ₃) ₂ (C ₃ N ₂ H ₄) ₂]. <i>Inorganic Chemistry Communication</i> , 2003, 6, 721-724.	3.9	17
65	New core-substituted with electron-donating group 1,8-naphthalimides towards optoelectronic applications. <i>Journal of Luminescence</i> , 2015, 166, 22-39.	3.1	17
66	Spectroscopic, electrochemical, thermal properties and electroluminescence ability of new symmetric azomethines with thiophene core. <i>Journal of Luminescence</i> , 2017, 192, 452-462.	3.1	17
67	Coumarin incorporated 1,2,4-triazole derived silver(I) heterocyclic carbene complexes as efficient antioxidant and antihemolytic agents. <i>Journal of Molecular Liquids</i> , 2020, 301, 112352.	4.9	17
68	Synthesis and characterization of [RuCl ₂ (picoline) ₄] complexes: Crystal structure of [RuCl ₂ (pic) ₄]. <i>Polyhedron</i> , 2005, 24, 1445-1453.	2.2	16
69	A selective and convenient ruthenium mediated method for the synthesis of mixed acetals and orthoesters. <i>Tetrahedron Letters</i> , 2007, 48, 137-140.	1.4	16
70	Microwave assisted synthesis, X-ray crystallography and DFT calculations of selected aromatic thiosemicarbazones. <i>Journal of Molecular Structure</i> , 2013, 1037, 63-72.	3.6	16
71	Na ₃ Catalyzed Highly Convenient Access to Functionalized 4-H-chromenes: A Green One-pot Approach for Diversity Amplification. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1581-1594.	2.6	16
72	Synthesis, spectroscopy and computational studies of selected hydroxyquinolines and their analogues. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 351-359.	3.9	15

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73	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. <i>Molecules</i> , 2015, 20, 4565-4593.	3.8	15
74	Coumarin substituted 4-aryl-1,2,4-triazolium salts and their silver(I) N-heterocyclic carbene complexes: Effects of counterions on the antioxidant and antithrombotic properties. <i>Journal of Molecular Liquids</i> , 2020, 316, 113809.	4.9	15
75	Reaction of $[(C_6H_6)RuCl_2]_2$ with 7,8-benzoquinoline and 8-hydroxyquinoline. <i>Polyhedron</i> , 2005, 24, 3012-3021.	2.2	14
76	The reactions of 2-benzoylpyridine with $[RuHCl(CO)(PPh_3)_3]$ and $[(C_6H_6)RuCl_2]_2$. <i>Polyhedron</i> , 2007, 26, 2686-2694.	2.2	14
77	The reactions between $[RuHCl(CO)(PPh_3)_3]$ and quinoline carboxylic acids. <i>Polyhedron</i> , 2007, 26, 5120-5130.	2.2	14
78	Synthesis, spectroscopy and computational studies of some biologically important hydroxyhaloquinolines and their novel derivatives. <i>Journal of Molecular Structure</i> , 2010, 969, 130-138.	3.6	14
79	Synthesis, characterization and molecular structure of Pd(II) complex containing the methyl-hemiacetal form of isonicotinaldehyde. <i>Polyhedron</i> , 2012, 39, 85-90.	2.2	14
80	Unsymmetrical and symmetrical azines toward application in organic photovoltaic. <i>Optical Materials</i> , 2015, 39, 58-68.	3.6	14
81	Synthesis, molecular and electronic structures of half-sandwich ruthenium(II) complexes with pyrimidine-based ligands. <i>Transition Metal Chemistry</i> , 2010, 35, 801-808.	1.4	13
82	Synthesis, crystal, molecular and electronic structures of hydride carbonyl ruthenium(II) complexes with pyridine and its derivative ligands. <i>Polyhedron</i> , 2011, 30, 79-85.	2.2	13
83	Structural, spectroscopic and magnetic properties of Mn(II), Co(II) and Ni(II) complexes with 2-hydroxy-6-methylpyridine ligand. <i>Polyhedron</i> , 2011, 30, 1806-1814.	2.2	13
84	Synthesis, characterization and molecular structure of ruthenium complexes containing imidazole-2-carboxylic acid derivatives. <i>Polyhedron</i> , 2012, 40, 125-133.	2.2	13
85	Ruthenium(II) carbonyl complexes with thiosemicarbazone ligands. <i>Polyhedron</i> , 2013, 56, 44-54.	2.2	13
86	Synthesis of heteroleptic copper(I) complexes with phosphine-functionalized thiosemicarbazones: An efficient catalyst for regioselective N-alkylation reactions. <i>Inorganica Chimica Acta</i> , 2017, 464, 88-93.	2.4	13
87	Versatile coordination ability of thioamide ligand in Ru(II) complexes: synthesis, computational studies, in vitro anticancer activity and apoptosis induction. <i>New Journal of Chemistry</i> , 2017, 41, 9130-9141.	2.8	13
88	Naphthalene Diimides Prepared by a Straightforward Method and Their Characterization for Organic Electronics. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1756-1760.	2.4	13
89	Metal-Free Mild Synthesis of Novel H-Spiro[Cycloalkyl-1,2-quinazolin]-4(3H)-ones by an Organocatalytic Cascade Reaction. <i>Synlett</i> , 2018, 29, 203-208.	1.8	13
90	Symmetrical and unsymmetrical azomethines with thiophene core: structure-properties investigations. <i>Journal of Materials Science</i> , 2019, 54, 13491-13508.	3.7	13

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91	Synthesis and Electrochemical and Spectroscopic Characterization of 4,7-diamino-1,10-phenanthrolines and Their Precursors. <i>Molecules</i> , 2019, 24, 4102.	3.8	13
92	On the chemical reactivity of tricyanofuran(TCF)-based near-infrared fluorescent redox probes – Effects of glutathione on the probe response and product fluorescence. <i>Dyes and Pigments</i> , 2021, 192, 109405.	3.7	13
93	Synthesis, spectroscopy and computational studies of selected hydroxyquinoline carboxylic acids and their selected fluoro-, thio-, and dithioanalogues. <i>Journal of Molecular Structure</i> , 2013, 1032, 159-168.	3.6	12
94	Synthesis and photophysical properties of novel multisubstituted benzene and naphthalene derivatives with high 2D- π -conjugation. <i>Optical Materials</i> , 2015, 47, 118-128.	3.6	12
95	The comprehensive approach towards study of (azo)polymers fragility parameter: Effect of architecture, intra- and intermolecular interactions and backbone conformation. <i>European Polymer Journal</i> , 2018, 109, 489-498.	5.4	12
96	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.	3.5	12
97	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.	3.7	12
98	Radiation-catalytic reduction of molecular nitrogen with application of the tungsten(IV) hydride complexes. <i>Polyhedron</i> , 1991, 10, 1007-1012.	2.2	11
99	Synthesis, molecular, crystal and electronic structure of [(C6H6)RuCl2(picoline)]. <i>Polyhedron</i> , 2006, 25, 2519-2524.	2.2	11
100	Synthesis, spectroscopic and structural characterization of new complex of ruthenium(II) with Hmtpo ligand. <i>Polyhedron</i> , 2010, 29, 1023-1028.	2.2	11
101	Correlation between crystal symmetry and the splitting of d orbital in the thiocyanate nickel(II) complexes. <i>Polyhedron</i> , 2010, 29, 3198-3206.	2.2	11
102	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.	2.2	11
103	Phosphorescence of a ruthenium(II) hydride-carbonyl complex with 3-hydroxy-2-quinolinecarboxylic acid as a co-ligand. <i>Mendeleev Communications</i> , 2015, 25, 103-105.	1.6	11
104	Ru(II) carbazole thiosemicarbazone complexes with four membered chelate ring: Synthesis, molecular structures and evaluation of biological activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 165, 310-327.	3.8	11
105	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.	3.3	11
106	Influence of molecular geometry on the formation, architecture and dynamics of H-bonded supramolecular associates in 1-phenyl alcohols. <i>Journal of Molecular Liquids</i> , 2021, 326, 115349.	4.9	11
107	Copper-d-penicillamine complex as potential contrast agent for MRI. <i>Magnetic Resonance Imaging</i> , 1992, 10, 855-858.	1.8	10
108	1-Pentyl-3-(4-methoxy-1-naphthoyl)indole and 2-(2-methoxy-phenyl)-1-(1-pentyl-1H-indol-3-yl)-ethanone: X-ray structures and computational studies. <i>Journal of Molecular Structure</i> , 2010, 984, 125-130.	3.6	10

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109	Synthesis, characterizations and catalytic applications of hydridecarbonyl ruthenium(II) complexes with imidazole carboxylic acid derivative ligands. <i>Polyhedron</i> , 2013, 49, 190-199.	2.2	10
110	Ruthenium(II) hydridecarbonyl complex with N,N'-bis(2-pyridyl)thiourea as co-ligand. <i>Polyhedron</i> , 2013, 55, 49-56.	2.2	10
111	Bimetallic thiocyanate bridged Co(II)-Hg(II) polymers with pyrazole and imidazole ligands. <i>Polyhedron</i> , 2014, 73, 81-86.	2.2	10
112	p-Tolylimido rhenium(ν) complexes – synthesis, X-ray studies, spectroscopic characterization, DFT calculations and catalytic activity. <i>Dalton Transactions</i> , 2014, 43, 2596-2610.	3.3	10
113	Ruthenium(II) 8-quinolinolates: Synthesis, characterization, crystal structure and catalysis in the synthesis of 2-oxazolines. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 266-273.	1.8	10
114	p-Tolylimido rhenium(ν) complexes with phenolate-based ligands: synthesis, X-ray studies and catalytic activity in oxidation with tert-butylhydroperoxide. <i>Dalton Transactions</i> , 2016, 45, 334-351.	3.3	10
115	No effect of the hydrogen bonds on the physicochemical properties of the guest-host poly(amide) Tj ETQq1 1 0.784314 rgBT/Overlo	3.7	10
116	Luminescent-Substituted Fluoranthenes – Synthesis, Structure, Electrochemistry, and Optical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 9622-9631.	3.3	10
117	An Organocatalytic Newer Synthetic Strategy Toward the Access of Polyfunctionalized 4-H-Pyrans via Multicomponent Reactions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 502-515.	2.6	10
118	Novel Carbene Anchored Molecular Catalysts for Hydrogen Evolution Reactions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3793-3803.	3.1	10
119	Radiation induced conversion of N ₂ to amines in the presence of [WH ₄ (dppe) ₂] and [WH ₅ (dppe) ₂] ⁺ in solution. <i>Polyhedron</i> , 1992, 11, 2383-2387.	2.2	9
120	Synthesis, crystal, molecular and electronic structures of thiocyanate ruthenium(II) complexes with pyrazole, benzimidazole and triazole ligands. <i>Polyhedron</i> , 2010, 29, 1237-1242.	2.2	9
121	Synthesis, spectroscopy and computational studies of some novel phosphorylated derivatives of quinoline-5,8-diones. <i>Journal of Molecular Structure</i> , 2011, 986, 39-48.	3.6	9
122	Molecular and spectroscopic properties of chloride and thiocyanate hydridecarbonyl ruthenium(II) complexes with pyridine derivative ligands. <i>Polyhedron</i> , 2011, 30, 1225-1232.	2.2	9
123	Study on molecular and electronic structures, and spectroscopic properties of azide ruthenium complexes with pyridine and \hat{I}^2 -picoline ligands. <i>Polyhedron</i> , 2012, 31, 44-50.	2.2	9
124	Synthesis, crystal, molecular and electronic structures of ruthenium complexes with a benzoxazole derivative ligand. <i>Polyhedron</i> , 2012, 31, 159-166.	2.2	9
125	Luminescent azide and thiocyanate phosphine complexes of ruthenium(II) with acetonitrile as co-ligand. <i>Polyhedron</i> , 2015, 85, 549-559.	2.2	9
126	Blue-light-induced processes in a series of azobenzene poly(ester imide)s. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 347, 177-185.	3.9	9

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127	2,2-Dicyanovinyl derivatives – Thermal, photophysical, electrochemical and electroluminescence investigations. <i>Materials Chemistry and Physics</i> , 2018, 209, 249-261.	4.0	9
128	Thermal, spectroscopic, electrochemical, and electroluminescent characterization of malononitrile derivatives with triphenylamine structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 136-147.	3.9	9
129	Novel β^2 -ketoenamines versus azomethines for organic electronics: characterization of optical and electrochemical properties supported by theoretical studies. <i>Journal of Materials Science</i> , 2020, 55, 3812-3832.	3.7	9
130	A density functional study of the electronic and geometrical structures of $[\text{RuCl}_2(\text{PPh}_3)_2(\text{HPz})_2]$ isomers and electronic spectrum of cis, cis, cis complex. <i>Journal of Molecular Structure</i> , 2006, 784, 169-176.	3.6	8
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