

Jan G MaÅ,ecki

List of Publications by Year in descending order

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202
papers

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201674

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3832
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#	ARTICLE	IF	CITATIONS
1	Assessment of antiproliferative activity of new half-sandwich arene Ru (II) furylbenzhydrazone complexes. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6512.	3.5	8
2	Ru(II)-NNO pincer-type complexes catalysed C-olefination of alkyl-substituted quinolines/pyrazines utilizing primary alcohols. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	2
3	Efficient multicomponent synthesis of propargylamines catalyzed by Cu(I) complexes encompassing hydrazone ligands under solvent-free condition. <i>Inorganica Chimica Acta</i> , 2022, 535, 120853.	2.4	3
4	One-Pot Synthesis of Selected Vinylbenzyls under Solvent-Free Conditions. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
5	Arene diruthenium(II)-mediated synthesis of imines from alcohols and amines under aerobic condition. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6122.	3.5	5
6	Novel Carbene Anchored Molecular Catalysts for Hydrogen Evolution Reactions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3793-3803.	3.1	10
7	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
8	Direct Amination of Nitroquinoline Derivatives via Nucleophilic Displacement of Aromatic Hydrogen. <i>Molecules</i> , 2021, 26, 1857.	3.8	1
9	Influence of chemical structure on thermal, optical and electrochemical properties of conjugated azomethines. <i>Synthetic Metals</i> , 2021, 273, 116689.	3.9	8
10	Water-Soluble Pyrene-Adorned Imidazolium Salts with Multicolor Solid-State Fluorescence: Synthesis, Structure, Photophysical Properties, and Application on the Detection of Latent Fingerprints. <i>ACS Omega</i> , 2021, 6, 10318-10332.	3.5	7
11	New Acceptor-Donor-Acceptor Systems Based on Bis-(Imino-1,8-Naphthalimide). <i>Materials</i> , 2021, 14, 2714.	2.9	6
12	New Benzo[h]quinolin-10-ol Derivatives as Co-sensitizers for DSSCs. <i>Materials</i> , 2021, 14, 3386.	2.9	0
13	Effect of the complex-formation ability of thiosemicarbazones containing (aza)benzene or 3-nitro-1,8-naphthalimide unit towards Cu(II) and Fe(III) ions on their anticancer activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 415, 113314.	3.9	8
14	Square planar Au(III), Pt(II) and Cu(II) complexes with quinoline-substituted 2,2':6''-terpyridine ligands: From in Vitro to in Vivo biological properties. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113404.	5.5	32
15	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
16	Glucose electrocatalysts derived from mono- or dicarbene coordinated nickel(II) complexes and their mesoporous carbon composites. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6446.	3.5	7
17	Synthesis and Thermal, Photophysical, Electrochemical Properties of 3,3-di[3-Arylcarbazol-9-ylmethyl]oxetane Derivatives. <i>Materials</i> , 2021, 14, 5569.	2.9	4
18	Photoresponsive behaviour of -T-type-azopolyimides. The unexpected high efficiency of diffraction gratings, modulations and stability of the SRG in azopoly(ether imide). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 273, 115387.	3.5	2

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19	An Organocatalytic Newer Synthetic Strategy Toward the Access of Polyfunctionalized 4 <i>H</i> -Pyrans via Multicomponent Reactions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 502-515.	2.6	10
20	Na ₃ Catalyzed Highly Convenient Access to Functionalized 4 <i>H</i> -chromenes: A Green One-pot Approach for Diversity Amplification. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1581-1594.	2.6	16
21	Glacial Acetic Acid-Assisted One-Pot Synthesis of Diverse Octahydroacridin-4-Methylbenzenesulfonamides via Tandem Cascade Reactions. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1045-1058.	2.6	2
22	A family of azoquinoline derivatives: Effect of the substituent at azo linkage on thermal cis-trans isomerization based on an experimental and computational approach. <i>Dyes and Pigments</i> , 2020, 175, 108151.	3.7	6
23	Coumarin incorporated 1,2,4-triazole derived silver(I) N-heterocyclic carbene complexes as efficient antioxidant and antihemolytic agents. <i>Journal of Molecular Liquids</i> , 2020, 301, 112352.	4.9	17
24	Novel β -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
25	2,2',6,6'-Terpyridine derivative with tetrazole motif and its analogues with 2-pyrazinyl or 2-thiazolyl substituents – Experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , 2020, 1205, 127669.	3.6	5
26	Hydrolysis of Schiff bases with phenyl-ethynyl-phenyl system: The importance for biological and physicochemical studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 212, 112020.	3.8	5
27	Investigation into antiproliferative activity and apoptosis mechanism of new arene Ru(η^5 -carbazole-based hydrazone complexes. <i>Dalton Transactions</i> , 2020, 49, 11385-11395.	3.3	138
28	Conformational analysis and molecular dynamics of glass-forming aromatic thiacyclopentane ethers. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17948-17959.	2.8	6
29	Coumarin substituted 4-aryl-1,2,4-triazolium salts and their silver(I) N-heterocyclic carbene complexes: Effects of counterions on the antioxidant and antihemolytic properties. <i>Journal of Molecular Liquids</i> , 2020, 316, 113809.	4.9	15
30	New Thiophene Imines Acting as Hole Transporting Materials in Photovoltaic Devices. <i>Energy & Fuels</i> , 2020, 34, 10160-10169.	5.1	5
31	Nickel(II) N ² O Pincer Type Complex-Catalyzed N-alkylation of Amines with Alcohols via the Hydrogen Autotransfer Reaction. <i>Journal of Organic Chemistry</i> , 2020, 85, 7125-7135.	3.2	49
32	Platinum(II) coordination compound with 4-[4-(dimethylamino)phenyl]-2,6-terpyridine – The new insight into the luminescence behavior and substituent effect. <i>Polyhedron</i> , 2020, 182, 114502.	2.2	4
33	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
34	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
35	Photoelectrochemical and thermal characterization of aromatic hydrocarbons substituted with a dicyanovinyl unit. <i>Dyes and Pigments</i> , 2020, 180, 108432.	3.7	5
36	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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37	Platinum(II) complexes showing high cytotoxicity toward A2780 ovarian carcinoma cells. Dalton Transactions, 2019, 48, 13081-13093.	3.3	19
38	Synthesis, characterization, crystal structure and antibacterial properties of N-heterocyclic carbene silver(I) complexes. Journal of Molecular Structure, 2019, 1196, 627-636.	3.6	20
39	Synthesis and Electrochemical and Spectroscopic Characterization of 4,7-diamino-1,10-phenanthrolines and Their Precursors. Molecules, 2019, 24, 4102.	3.8	13
40	Platinum(II) coordination compounds with 4-pyridyl functionalized 2,2',6',2''-terpyridines as an alternative to enhanced chemotherapy efficacy and reduced side-effects. Journal of Inorganic Biochemistry, 2019, 201, 110809.	3.5	12
41	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
42	Aryl substituted 2,6-di(thiazol-2-yl)pyridines - excited-state characterization and potential for OLEDs. Dyes and Pigments, 2019, 169, 89-104.	3.7	12
43	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. Biosensors and Bioelectronics, 2019, 134, 24-28.	10.1	21
44	Does the length matter? - Synthesis, photophysical, and theoretical study of novel quinolines based on carbazoles with different length of alkyl chain. Dyes and Pigments, 2019, 160, 604-613.	3.7	28
45	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
46	Thermal, spectroscopic, electrochemical, and electroluminescent characterization of malononitrile derivatives with triphenylamine structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 136-147.	3.9	9
47	Ultrasound aided solvent-free synergy: an improved synthetic approach to access 3,4-dihydropyrimidin-2(1H)-ones. Journal of the Iranian Chemical Society, 2019, 16, 1197-1205.	2.2	3
48	Olefin-tethered organoruthenium carbene complexes: Synthesis, X-ray structure and catalytic insights on hydrogenation of esters. Inorganica Chimica Acta, 2019, 486, 55-62.	2.4	1
49	2,2-Dicyanovinyl derivatives - Thermal, photophysical, electrochemical and electroluminescence investigations. Materials Chemistry and Physics, 2018, 209, 249-261.	4.0	9
50	Sterically modulated silver(I) complexes of coumarin substituted benzimidazol-2-ylidenes: Synthesis, crystal structures and evaluation of their antimicrobial and anticancer potentials. Journal of Inorganic Biochemistry, 2018, 183, 43-57.	3.5	38
51	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
52	No effect of the hydrogen bonds on the physicochemical properties of the guest-host poly(amide) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50	3.7	10
53	Naphthalene Diimides Prepared by a Straightforward Method and Their Characterization for Organic Electronics. European Journal of Organic Chemistry, 2018, 2018, 1756-1760.	2.4	13
54	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. RSC Advances, 2018, 8, 1539-1561.	3.6	28

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55	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
56	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
57	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
58	Metal-Free Mild Synthesis of Novel 1,2-H-Spiro[Cycloalkyl-1,2-quinazolin]-4(3H)-ones by an Organocatalytic Cascade Reaction. <i>Synlett</i> , 2018, 29, 203-208.	1.8	13
59	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
60	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
61	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
62	Luminescent-Substituted Fluoranthenes Synthesis, Structure, Electrochemistry, and Optical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 9622-9631.	3.3	10
63	Malonitrile derivatives as push-pull molecules: Structure - properties relationships characterization. <i>Journal of Luminescence</i> , 2018, 203, 455-466.	3.1	4
64	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
65	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
66	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.	1.5	2
67	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
68	Luminescence properties of copper(I), zinc(II) and cadmium(II) coordination compounds with picoline ligands. <i>Journal of Luminescence</i> , 2017, 186, 127-134.	3.1	8
69	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
70	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
71	2,2,6,6-Tetra-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.	2.4	19
72	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

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73	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
74	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
75	Efficient and versatile catalysis for β -alkylation of secondary alcohols through hydrogen auto transfer process with newly designed ruthenium(II) complexes containing ON donor aldazine ligands. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3065-3079.	2.2	7
76	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
77	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
78	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
79	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
80	Solvent-assisted formation of ruthenium(II)/copper(I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and <i>in vitro</i> biological perspectives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3652.	3.5	7
81	New donor-acceptor-donor molecules based on quinoline acceptor unit with Schiff base bridge: synthesis and characterization. <i>Journal of Luminescence</i> , 2017, 183, 458-469.	3.1	36
82	Tuning the photophysical properties of 4-substituted terpyridines – an experimental and theoretical study. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3793-3808.	2.8	46
83	Luminescence properties of palladium(II) phenanthroline derivative coordination compounds. <i>ChemistrySelect</i> , 2016, 1, 798-804.	1.5	8
84	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
85	Highly Luminescence Anthracene Derivatives as Promising Materials for OLED Applications. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4020-4031.	2.4	44
86	Steric control on the coordination behaviour of carbazole thiosemicarbazones towards [RuH(Cl)(CO)(AsPh ₃) ₃]: a combined experimental and theoretical study. <i>New Journal of Chemistry</i> , 2016, 40, 10084-10093.	2.8	7
87	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
88	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
89	Luminescent phosphine ruthenium(II) complexes with 8-hydroxyquinoline derivative ligands. <i>Journal of Luminescence</i> , 2016, 169, 765-772.	3.1	2
90	Highly Phosphorescent Cyclometalated Iridium(III) Complexes for Optoelectronic Applications: Fine Tuning of the Emission Wavelength through Ancillary Ligands. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7284-7294.	3.1	52

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91	Symmetrical N-acylsubstituted dihydrazones containing bithiophene core – Photophysical, electrochemical and thermal characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 169-176.	3.9	5
92	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
93	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
94	Synthesis, spectroscopy and computational studies of some novel π -conjugated vinyl N-alkylated quinolinium salts and their precursor's. <i>Journal of Molecular Structure</i> , 2016, 1106, 416-423.	3.6	7
95	Ruthenium(II) carbonyl complexes designed with arsine and PNO/PNS ligands as catalysts for N-alkylation of amines via hydrogen autotransfer process. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 130-140.	1.8	41
96	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
97	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
98	Phosphorescent emissions of phosphine copper(I) complexes bearing 8-hydroxyquinoline carboxylic acid analogue ligands. <i>Journal of Luminescence</i> , 2015, 161, 382-388.	3.1	6
99	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. <i>Molecules</i> , 2015, 20, 4565-4593.	3.8	15
100	Nickel(ν) and copper(ν) complexes constructed with N_2S_2 hybrid benzamidine–thiosemicarbazone ligand: synthesis, X-ray crystal structure, DFT, kinetic-catalytic and in vitro biological applications. <i>RSC Advances</i> , 2015, 5, 103321-103342.	3.6	41
101	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. <i>Journal of Molecular Catalysis A</i> , 2015, 398, 312-324.	4.8	39
102	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
103	Ruthenium(ν) complexes containing a phosphine-functionalized thiosemicarbazone ligand: synthesis, structures and catalytic C–N bond formation reactions via N-alkylation. <i>RSC Advances</i> , 2015, 5, 11405-11422.	3.6	39
104	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
105	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
106	An attractive route to transamidation catalysis: Facile synthesis of new o-aryloxy-N-heterocyclic carbene ruthenium(II) complexes containing trans triphenylphosphine donors. <i>Journal of Molecular Catalysis A</i> , 2015, 403, 15-26.	4.8	35
107	Phosphorescence of a ruthenium(II) hydride-carbonyl complex with 3-hydroxy-2-quinoxalinecarboxylic acid as a co-ligand. <i>Mendeleev Communications</i> , 2015, 25, 103-105.	1.6	11
108	Unsymmetrical and symmetrical azines toward application in organic photovoltaic. <i>Optical Materials</i> , 2015, 39, 58-68.	3.6	14

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109	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
110	Luminescent azide and thiocyanate phosphine complexes of ruthenium(II) with acetonitrile as co-ligand. <i>Polyhedron</i> , 2015, 85, 549-559.	2.2	9
111	X-ray, Hirshfeld surface analysis, spectroscopic and DFT studies of polycyclic aromatic hydrocarbons: Fluoranthene and acenaphthene. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1489-1504.	0.8	7
112	One-step aldehyde group transformation by using guanidine and aminoguanidine: Synthetic, structural and computational studies. <i>Journal of Molecular Structure</i> , 2014, 1064, 44-49.	3.6	3
113	Characterization of a Pd(II) complex with (E)-8-hydroxyquinoline-2-carbaldehyde O-benzyl oxime. <i>Mendeleev Communications</i> , 2014, 24, 26-28.	1.6	6
114	Bimetallic thiocyanate bridged Co(II)-Hg(II) polymers with pyrazole and imidazole ligands. <i>Polyhedron</i> , 2014, 73, 81-86.	2.2	10
115	Synthesis of [Re ₂ Cl ₄ (O) ₂ (μ-O)(3,5-lut) ₄] and investigation of its structure via X-ray and spectroscopic measurements and DFT calculations. <i>Chemical Papers</i> , 2014, 68, .	2.2	1
116	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
117	Heterometallic complexes involving copper(II) and rhenium(VII) centers. <i>Polyhedron</i> , 2014, 76, 10-15.	2.2	3
118	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
119	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
120	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
121	Spectral, electrochemical and thermal characteristics of glass forming hydrazine derivatives. <i>Optical Materials</i> , 2014, 37, 498-510.	3.6	3
122	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(ν) complexes of PNS thiosemicarbazones. <i>Dalton Transactions</i> , 2014, 43, 7889-7902.	3.3	95
123	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
124	Aryldiazenido ruthenium(II) complexes. Structure and characterization of p-tolyldiazenido carbonyl-ruthenium(II) coordination compound and its reaction with pyrazole and pyridine. <i>Polyhedron</i> , 2014, 81, 196-202.	2.2	2
125	A copper(I) phosphine complex with 5,7-dinitro-2-methylquinolin-8-ol as co-ligand. <i>Transition Metal Chemistry</i> , 2014, 39, 755-762.	1.4	7
126	Spectroscopic characterization of chloride and pseudohalide ruthenium(II) complexes with 4-(4-nitrobenzyl)pyridine. <i>Transition Metal Chemistry</i> , 2014, 39, 831-841.	1.4	3

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127	New approaches to the synthesis of selected hydroxyquinolines and their hydroxyquinoline carboxylic acid analogues. <i>Journal of Molecular Structure</i> , 2014, 1071, 34-40.	3.6	6
128	Exploring the Anti-Cancer Activity of Novel Thiosemicarbazones Generated through the Combination of Retro-Fragments: Dissection of Critical Structure-Activity Relationships. <i>PLoS ONE</i> , 2014, 9, e110291.	2.5	61
129	Synthesis and spectroscopic characterization of a hydride carbonyl ruthenium(II) complex with 2-methyl-4(5)nitroimidazole as a co-ligand. <i>Polyhedron</i> , 2013, 55, 18-23.	2.2	4
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