

# Vladimir B Arion

## List of Publications by Citations

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232 papers	7,921 citations	49 h-index	78 g-index
246 ext. papers	8,463 ext. citations	4.3 avg, IF	5.63 L-index

#	Paper	IF	Citations
232	Antitumour metal compounds: more than theme and variations. <i>Dalton Transactions</i> , <b>2008</b> , 183-94	4.3	702
231	Structure-activity relationships for NAMI-A-type complexes (HL)[trans-RuCl <sub>4</sub> L(S-dmso)ruthenate(III)] (L = imidazole, indazole, 1,2,4-triazole, 4-amino-1,2,4-triazole, and 1-methyl-1,2,4-triazole): aquation, redox properties, protein binding, and antiproliferative activity. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 2185-93	8.3	191
230	Transferrin binding and transferrin-mediated cellular uptake of the ruthenium coordination compound KP1019, studied by means of AAS, ESI-MS and CD spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2004</b> , 19, 46	3.7	174
229	Electron-transfer activated metal-based anticancer drugs. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 1569-1583	3.7	168
228	<b>1999,</b>		148
227	Redox-active antineoplastic ruthenium complexes with indazole: correlation of in vitro potency and reduction potential. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 2831-7	8.3	145
226	Tuning of redox potentials for the design of ruthenium anticancer drugs -- an electrochemical study of [trans-RuCl <sub>4</sub> (L(DMSO))(-)] and [trans-RuCl <sub>4</sub> (L(2))(-)] complexes, where L = imidazole, 1,2,4-triazole, indazole. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7083-93	5.1	143
225	Impact of metal coordination on cytotoxicity of 3-aminopyridine-2-carboxaldehyde thiosemicarbazone (triapine) and novel insights into terminal dimethylation. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 5032-43	8.3	133
224	Gallium(III) and iron(III) complexes of alpha-N-heterocyclic thiosemicarbazones: synthesis, characterization, cytotoxicity, and interaction with ribonucleotide reductase. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 1254-65	8.3	129
223	Targeting the DNA-topoisomerase complex in a double-strike approach with a topoisomerase inhibiting moiety and covalent DNA binder. <i>Chemical Communications</i> , <b>2012</b> , 48, 4839-41	5.8	125
222	Highly Antiproliferative Ruthenium(II) and Osmium(II) Arene Complexes with Paullone-Derived Ligands. <i>Organometallics</i> , <b>2007</b> , 26, 6643-6652	3.8	123
221	Structure-activity relationships of targeted Ru(II)(p-cymene) anticancer complexes with flavonol-derived ligands. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 10512-22	8.3	119
220	Maltol-derived ruthenium-cymene complexes with tumor inhibiting properties: the impact of ligand-metal bond stability on anticancer activity in vitro. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 12283-91	4.8	102
219	In vitro anticancer activity and biologically relevant metabolization of organometallic ruthenium complexes with carbohydrate-based ligands. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9046-57	4.8	100
218	Is the reactivity of M(II)-arene complexes of 3-hydroxy-2(1H)-pyridones to biomolecules the anticancer activity determining parameter?. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7953-63	5.1	98
217	Novel metal(II) arene 2-pyridinecarbothioamides: a rationale to orally active organometallic anticancer agents. <i>Chemical Science</i> , <b>2013</b> , 4, 1837	9.4	95
216	Molecular Engineering of Benzothiazolium Salts with Large Quadratic Hyperpolarizabilities: Can Auxiliary Electron-Withdrawing Groups Enhance Nonlinear Optical Responses?. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 22289-22302	3.8	95

215	Synthesis, structure, spectroscopic and in vitro antitumour studies of a novel gallium(III) complex with 2-acetylpyridine (4)N-dimethylthiosemicarbazone. <i>Journal of Inorganic Biochemistry</i> , <b>2002</b> , 91, 298-305	4.2	91
214	Synthesis, X-ray diffraction structures, spectroscopic properties, and in vitro antitumor activity of isomeric (1H-1,2,4-triazole)Ru(III) complexes. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6024-31	5.1	91
213	Preclinical characterization of anticancer gallium(III) complexes: solubility, stability, lipophilicity and binding to serum proteins. <i>Journal of Inorganic Biochemistry</i> , <b>2006</b> , 100, 1819-26	4.2	90
212	Ribonucleotide reductase inhibition by metal complexes of Triapine (3-aminopyridine-2-carboxaldehyde thiosemicarbazone): a combined experimental and theoretical study. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1422-31	4.2	89
211	A SAR study of novel antiproliferative ruthenium and osmium complexes with quinoxalinone ligands in human cancer cell lines. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 3398-413	8.3	87
210	A chiral phosphine-ferrocene rhodium complex as an efficient catalyst for the asymmetric conjugate addition. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 3084-3090		84
209	Maleimide-functionalised organoruthenium anticancer agents and their binding to thiol-containing biomolecules. <i>Chemical Communications</i> , <b>2012</b> , 48, 1475-7	5.8	82
208	Osmium(II)-versus ruthenium(II)-arene carbohydrate-based anticancer compounds: similarities and differences. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7345-52	4.3	81
207	Metal-based paullones as putative CDK inhibitors for antitumor chemotherapy. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 6343-55	8.3	80
206	Novel di- and tetracarboxylatoplatinum(IV) complexes. Synthesis, characterization, cytotoxic activity, and DNA platination. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 6692-9	8.3	79
205	From Pyrone to Thiopyrone Ligands: Rendering Maltol-Derived Ruthenium(II)-Arene Complexes That Are Anticancer Active in Vitro. <i>Organometallics</i> , <b>2009</b> , 28, 4249-4251	3.8	78
204	Tuning of redox properties for the design of ruthenium anticancer drugs: part 2. Syntheses, crystal structures, and electrochemistry of potentially antitumor [Ru III/II Cl <sub>6</sub> -n(Azole) <sub>n</sub> ]z(n = 3, 4, 6) complexes. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 6704-16	5.1	74
203	Fluorescence properties and cellular distribution of the investigational anticancer drug triapine (3-aminopyridine-2-carboxaldehyde thiosemicarbazone) and its zinc(II) complex. <i>Dalton Transactions</i> , <b>2010</b> , 39, 704-6	4.3	72
202	Ruthenium(II)-arene complexes with functionalized pyridines: synthesis, characterization and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1051-8	6.8	68
201	Comparative Solution Equilibrium Study of the Interactions of Copper(II), Iron(II) and Zinc(II) with Triapine (3-Aminopyridine-2-carbaldehyde Thiosemicarbazone) and Related Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 1717-1728	2.3	64
200	Water-Soluble Mixed-Ligand Ruthenium(II) and Osmium(II) Arene Complexes with High Antiproliferative Activity. <i>Organometallics</i> , <b>2008</b> , 27, 6587-6595	3.8	64
199	From hydrolytically labile to hydrolytically stable Ru(II)-arene anticancer complexes with carbohydrate-derived co-ligands. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 224-31	4.2	63
198	Effect of metal ion complexation and chalcogen donor identity on the antiproliferative activity of 2-acetylpyridine N,N-dimethyl(chalcogen)semicarbazones. <i>Journal of Inorganic Biochemistry</i> , <b>2007</b> , 101, 1946-57	4.2	62

197	L- and D-proline thiosemicarbazone conjugates: coordination behavior in solution and the effect of copper(II) coordination on their antiproliferative activity. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9309-21	5.1	58
196	Tuning the anticancer activity of maltol-derived ruthenium complexes by derivatization of the 3-hydroxy-4-pyrone moiety. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 922-929	2.3	58
195	Interaction of Triapine and related thiosemicarbazones with iron(III)/(II) and gallium(III): a comparative solution equilibrium study. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5895-905	4.3	57
194	Reactions of potent antitumor complex trans-[Ru(III)Cl <sub>4</sub> (indazole) <sub>2</sub> ]- with a DNA-relevant nucleobase and thioethers: insight into biological action. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 122-32	5.1	57
193	Copper(ii) thiosemicarbazone complexes induce marked ROS accumulation and promote nrf2-mediated antioxidant response in highly resistant breast cancer cells. <i>Dalton Transactions</i> , <b>2017</b> , 46, 3833-3847	4.3	56
192	Osmium NAMI-A analogues: synthesis, structural and spectroscopic characterization, and antiproliferative properties. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5023-33	5.1	55
191	Metal-Arene Complexes with Indolo[3,2-c]-quinolines: Effects of Ruthenium vs Osmium and Modifications of the Lactam Unit on Intermolecular Interactions, Anticancer Activity, Cell Cycle, and Cellular Accumulation. <i>Organometallics</i> , <b>2013</b> , 32, 903-914	3.8	54
190	Copper(II) Complexes with Schiff Bases Containing a Disiloxane Unit: Synthesis, Structure, Bonding Features and Catalytic Activity for Aerobic Oxidation of Benzyl Alcohol. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1458-1474	2.3	53
189	Ruthenium- and Osmium-Arene Complexes of 2-Substituted Indolo[3,2-c]quinolines: Synthesis, Structure, Spectroscopic Properties, and Antiproliferative Activity. <i>Organometallics</i> , <b>2011</b> , 30, 273-283	3.8	53
188	Biological activity of ruthenium and osmium arene complexes with modified paullones in human cancer cells. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 116, 180-7	4.2	52
187	Conjugation of organoruthenium(II) 3-(1H-benzimidazol-2-yl)pyrazolo[3,4-b]pyridines and indolo[3,2-d]benzazepines to recombinant human serum albumin: a strategy to enhance cytotoxicity in cancer cells. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12669-79	5.1	51
186	An electrochemical study of antineoplastic gallium, iron and ruthenium complexes with redox noninnocent alpha-N-heterocyclic chalcogensemicarbazones. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 11032-47	5.1	51
185	New Water-Soluble Copper(II) Complexes with Morpholine-Thiosemicarbazone Hybrids: Insights into the Anticancer and Antibacterial Mode of Action. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 512-530	8.3	51
184	Structure-activity relationships of highly cytotoxic copper(II) complexes with modified indolo[3,2-c]quinoline ligands. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11084-95	5.1	49
183	Identification of the structural determinants for anticancer activity of a ruthenium arene peptide conjugate. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9297-307	4.8	48
182	Synthesis and reactivity of the aquation product of the antitumor complex trans-[Ru(III)Cl <sub>4</sub> (indazole) <sub>2</sub> ]-. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6513-23	5.1	48
181	Azine-bridged octanuclear copper(II) complexes assembled with a one-stranded ditopic thiocarbohydrazone ligand. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7938-42	16.4	48
180	Novel cis- and trans-configured bis(oxime)platinum(II) complexes: synthesis, characterization, and cytotoxic activity. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5669-78	5.1	46

179	Synthesis, crystal structure and cytotoxicity of new oxaliplatin analogues indicating that improvement of anticancer activity is still possible. <i>European Journal of Medicinal Chemistry</i> , <b>2004</b> , 39, 707-14	6.8	46
178	Organometallic indolo[3,2-c]quinolines versus indolo[3,2-d]benzazepines: synthesis, structural and spectroscopic characterization, and biological efficacy. <i>Journal of Biological Inorganic Chemistry</i> , <b>2010</b> , 15, 903-18	3.7	45
177	Synthesis, crystal structure and pH dependent cytotoxicity of (SP-4-2)-bis(2-aminoethanolato-2N,O)platinum(II) a representative of novel pH sensitive anticancer platinum complexes. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 3237-3244	2.7	45
176	Chlorido-Bridged Dimanganese(II) Complexes of the Schiff Base Derived from [2+2] Condensation of 2,6-Diformyl-4-methylphenol and 1,3-Bis(3-aminopropyl)tetramethyldisiloxane: Structure, Magnetism, Electrochemical Behaviour, and Catalytic Oxidation of Secondary Alcohols. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 120-131	2.3	44
175	A hexanuclear iron(III) carboxylate with an [Fe <sub>6</sub> (μ <sub>3</sub> -O) <sub>3</sub> (μ <sub>2</sub> -OH)] <sup>11+</sup> core as an efficient catalyst for cycloalkane oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2794-8	16.4	43
174	Macrocyclic and Open-Chain CuII-4f (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1530-1537	2.3	43
173	En route to osmium analogues of KP1019: synthesis, structure, spectroscopic properties and antiproliferative activity of trans-[Os(IV)Cl <sub>4</sub> (Hazole) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7690-7	5.1	42
172	Highly cytotoxic copper(II) complexes with modified paullone ligands. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 3025-3031	5.1	41
171	The Complexes [OsCl <sub>2</sub> (azole) <sub>2</sub> (dmsO) <sub>2</sub> ] and [OsCl <sub>2</sub> (azole)(dmsO) <sub>3</sub> ]: Synthesis, Structure, Spectroscopic Properties and Catalytic Hydration of Chloronitriles. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 400-411	2.3	41
170	Copper(II) complexes with highly water-soluble L- and D-proline-thiosemicarbazone conjugates as potential inhibitors of Topoisomerase IIβ. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8895-908	5.1	40
169	The first metal-based paullone derivative with high antiproliferative activity in vitro. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1945-50	5.1	40
168	Ruthenium- and osmium-arene-based paullones bearing a TEMPO free-radical unit as potential anticancer drugs. <i>Chemical Communications</i> , <b>2012</b> , 48, 8559-61	5.8	39
167	Vanadium(V) Complexes with Substituted 1,5-bis(2-hydroxybenzaldehyde)carbohydrazones and Their Use As Catalyst Precursors in Oxidation of Cyclohexane. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9187-203	5.1	38
166	Structure-antiproliferative activity studies on L-proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(ii), palladium(ii) and copper(ii) complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 13427-39	4.3	38
165	Ruthenium(II) Complexes of Thiosemicarbazones: The First Water-Soluble Complex with pH-Dependent Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2870-2878	2.3	37
164	Strong effect of copper(II) coordination on antiproliferative activity of thiosemicarbazone-piperazine and thiosemicarbazone-morpholine hybrids. <i>Dalton Transactions</i> , <b>2015</b> , 44, 9071-90	4.3	36
163	Striking difference in antiproliferative activity of ruthenium- and osmium-nitrosyl complexes withazole heterocycles. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 6273-85	5.1	36
162	The first ruthenium-based paullones: syntheses, X-ray diffraction structures, and spectroscopic and antiproliferative properties in vitro. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3645-56	5.1	36

161	Syntheses, electronic structures, and EPR/UV-vis-NIR spectroelectrochemistry of nickel(II), copper(II), and zinc(II) complexes with a tetradentate ligand based on S-methylisothiosemicarbazide. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 2918-31	5.1	35
160	New Iminodiacetate-Thiosemicarbazone Hybrids and Their Copper(II) Complexes Are Potential Ribonucleotide Reductase R2 Inhibitors with High Antiproliferative Activity. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3532-3549	5.1	34
159	Tetranuclear Copper(II) Complexes with Macrocyclic and Open-Chain Disiloxane Ligands as Catalyst Precursors for Hydrocarboxylation and Oxidation of Alkanes and 1-Phenylethanol. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 4946-4956	2.3	34
158	Novel endothall-containing platinum(IV) complexes: synthesis, characterization, and cytotoxic activity. <i>Chemistry and Biodiversity</i> , <b>2008</b> , 5, 2160-70	2.5	34
157	Strategy to Optimize the Biological Activity of Arene Ruthenium Metalla-Assemblies. <i>Organometallics</i> , <b>2014</b> , 33, 3813-3822	3.8	33
156	Mono-carboxylated diaminedichloridoplatinum(IV) complexes--selective synthesis, characterization, and cytotoxicity. <i>Dalton Transactions</i> , <b>2011</b> , 40, 8187-92	4.3	31
155	Synthesis, characterization, and cytotoxic activity of novel potentially pH-sensitive nonclassical platinum(II) complexes featuring 1,3-dihydroxyacetone oxime ligands. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 10673-81	5.1	30
154	Synthesis, Structure, Protolytic Properties, Alkylating and Cytotoxic Activity of Novel Platinum(II) and Palladium(II) Complexes with Pyrazole-Derived Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 3728-3735	2.3	30
153	Ruthenium-nitrosyl complexes with glycine, L-alanine, L-valine, L-proline, D-proline, L-serine, L-threonine, and L-tyrosine: synthesis, X-ray diffraction structures, spectroscopic and electrochemical properties, and antiproliferative activity. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2718-29	5.1	29
152	Osmium(IV) complexes with 1H- and 2H-indazoles: tautomer identity versus spectroscopic properties and antiproliferative activity. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 113, 47-54	4.2	29
151	X-ray absorption spectroscopy of an investigational anticancer gallium(III) drug: interaction with serum proteins, elemental distribution pattern, and coordination of the compound in tissue. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 5601-13	8.3	29
150	Computational Electrochemistry of Ruthenium Anticancer Agents. Unprecedented Benchmarking of Implicit Solvation Methods. <i>Journal of Chemical Theory and Computation</i> , <b>2008</b> , 4, 499-506	6.4	29
149	Transition metal complexes with the thiosemicarbazide-based ligands XVIII. Synthesis, physicochemical properties and voltammetric characterization of iron(III) complexes with terdentate and quadridentate thiosemicarbazide derivatives. <i>Polyhedron</i> , <b>1994</b> , 13, 3005-3014	2.7	29
148	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 671-673	6.73	28
147	Hexanuclear and undecanuclear iron(III) carboxylates as catalyst precursors for cyclohexane oxidation. <i>Dalton Transactions</i> , <b>2013</b> , 42, 14388-401	4.3	27
146	Synthesis, X-ray diffraction structure, spectroscopic properties and antiproliferative activity of a novel ruthenium complex with constitutional similarity to cisplatin. <i>Dalton Transactions</i> , <b>2009</b> , 3334-9	4.3	27
145	Synthesis, structure, spectroscopic properties, and antiproliferative activity in vitro of novel osmium(III) complexes withazole heterocycles. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 7338-47	5.1	27
144	A Diels-Alder approach to (-)-ovalicin. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2690-3	16.4	27



143	Isomeric [RuCl <sub>2</sub> (dmsol) <sub>2</sub> (indazole) <sub>2</sub> ] complexes: ruthenium(II)-mediated coupling reaction of acetonitrile with 1H-indazole. <i>Dalton Transactions</i> , <b>2005</b> , 2355-64	4.3	27
142	Organometallic 3-(1H-benzimidazol-2-yl)-1H-pyrazolo[3,4-b]pyridines as potential anticancer agents. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11715-28	5.1	26
141	Synthesis, Structure, Magnetism, and Spectroscopic Properties of Some Mono- and Dinuclear Nickel Complexes Containing Noninnocent Pentane-2,4-dione Bis(S-alkylisothiosemicarbazone)-Derived Ligands. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 661-669	5.1	26
140	Synthesis, Coordination Behavior, and Use in Asymmetric Hydrogenations of Walphos-Type Ligands. <i>Organometallics</i> , <b>2008</b> , 27, 1119-1127	3.8	26
139	Contributions to chromatographic chiral recognition of permethrinic acid stereoisomers by a quinine carbamate chiral selector: evidence from X-ray diffraction, DFT computations, 1H NMR, and thermodynamic studies. <i>Tetrahedron: Asymmetry</i> , <b>2008</b> , 19, 97-110		26
138	Synthesis and Characterization of [(1R,2R)-trans-Diaminocyclohexane]platinum(II) Coordinated to Sulfur and Selenium Amino Acids. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 3746-3752	2.3	26
137	Oxovanadium(IV) and oxovanadium(IV)-barium(II) complexes with heterotopic macrocyclic ligands based on isothiosemicarbazide. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 317, 33-44	2.7	26
136	On the nature of photoluminescence in Bismuth-doped silica glass. <i>Scientific Reports</i> , <b>2017</b> , 7, 3178	4.9	24
135	Effect of the piperazine unit and metal-binding site position on the solubility and anti-proliferative activity of ruthenium(II)- and osmium(II)- arene complexes of isomeric indolo[3,2-c]quinoline-piperazine hybrids. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6934-43	5.1	24
134	Charge and Spin States in Schiff Base Metal Complexes with a Disiloxane Unit Exhibiting a Strong Noninnocent Ligand Character: Synthesis, Structure, Spectroelectrochemistry, and Theoretical Calculations. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 5691-706	5.1	24
133	Mannich products of kojic acid and N-heterocycles and their Ru(II)-arene complexes: Synthesis, characterization and stability. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 875-881	2.3	24
132	Mechanism elucidation of the cis-trans isomerization of an azole ruthenium-nitrosyl complex and its osmium counterpart. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 6260-72	5.1	23
131	A tether controlled exo-selective trans-annular Diels-Alder (TADA) reaction. <i>Organic Letters</i> , <b>2006</b> , 8, 3849-51	6.2	23
130	NO Releasing and Anticancer Properties of Octahedral Ruthenium-Nitrosyl Complexes with Equatorial 1 H-Indazole Ligands. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 10702-10717	5.1	22
129	Effects of terminal dimethylation and metal coordination of proline-2-formylpyridine thiosemicarbazone hybrids on lipophilicity, antiproliferative activity, and hR2 RNR inhibition. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12595-609	5.1	22
128	Synthesis of ferrocenylglucose phosphonite and bisphosphinite: Pd(II) and Pt(II) complexes, Pd-catalyzed allylic alkylation. <i>Tetrahedron</i> , <b>2002</b> , 58, 8489-8492	2.4	22
127	Coordination chemistry of S-substituted isothiosemicarbazides and isothiosemicarbazones. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 387, 348-397	23.2	21
126	Marked stabilization of redox states and enhanced catalytic activity in galactose oxidase models based on transition metal S-methylisothiosemicarbazones with -SR group in ortho position to the phenolic oxygen. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7524-40	5.1	21

125	Effect of allylic and homoallylic substituents on cross metathesis: syntheses of prostaglandins F2H and J2. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 6689-6693	2	21
124	Ruthenium(II)arene complexes with substituted picolinate ligands: Synthesis, structure, spectroscopic properties and antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 749, 343-349	2.3	20
123	Ruthenium- and osmium-arene complexes of 8-substituted indolo[3,2-]quinolines: Synthesis, X-ray diffraction structures, spectroscopic properties, and antiproliferative activity. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 393, 252-260	2.7	20
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12	Indenyl complexes of ruthenium containing thiolate ligands. Structure of IndRu(dppe)SPh. <i>Transition Metal Chemistry</i> , <b>2007</b> , 32, 523-527	2.1	1
11	Inhibition of Microtubule Dynamics in Cancer Cells by Indole-Modified Latonduine Derivatives and Their Metal Complexes.. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	1
10	The first structural characterization of the proton-ated aza-cyclam ligand in -poly[[[(perchlorato)copper(II)]-EB-(3-carb-oxy-prop-yl)-1,5,8,12-tetra-aza-3-azonia-cyclo-tetra-deca-ne] bis-(per-chlorate)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1700-1704	0.7	1
9	Crystal structure of -di-aqua-(3,10-dimethyl-1,3,5,8,10,12-hexa-aza-cyclo-tetra-deca-ne)copper(II) pamoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 533-536	0.7	1
8	Crystal structure of -di-aqua-(1,4,8,11-tetra-aza-undeca-ne)nickel(II) bis-(pyridine-2,6-di-carboxyl-ato)nickel(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 1175-1179	0.7	1
7	Synthesis, Characterization and Crystal Structure of Bis-(2-Hydroxybenzaldehyde)Diaminoguanizone. <i>Chemistry Journal of Moldova</i> , <b>2008</b> , 3, 119-121	0.9	1
6	Formation of metal-radical species upon reduction of late transition metal complexes with heteroleptic ligands: an experimental and theoretical study. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 13195-13206	3.6	1
5	The Ruthenium Nitrosyl Moiety in Clusters: Trinuclear Linear EHydroxido Magnesium(II)-Diruthenium(II), EOxido Trinuclear Diiron(III)-Ruthenium(II), and Tetranuclear EOxido Trigallium(III)-Ruthenium(II) Complexes.. <i>Inorganic Chemistry</i> , <b>2021</b> ,	5.1	1
4	Towards understanding the magnetism of Os(IV) complexes: an insight. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12537-12546	4.3	0
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2	Crystallographic report: Crystal structure of 1-bromo-1'-[(2S)-N-(1-hydroxy-3-methylbutane-2-yl)]-ferroceneamide. <i>Applied Organometallic Chemistry</i> , <b>2003</b> , 17, 723-724	3.1	
1	Ready access to 7,8-dihydroindolo[2,3-[1]benzazepine-6(5)-one scaffold and analogues via early-stage Fischer ring-closure reaction.. <i>Beilstein Journal of Organic Chemistry</i> , <b>2022</b> , 18, 143-151	2.5	