

Vladimir B Arion

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.

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	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> , 2022 , 18, 143-151	2.5	
231	Inhibition of Microtubule Dynamics in Cancer Cells by Indole-Modified Latonduine Derivatives and Their Metal Complexes.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	1
230	Highly Antiproliferative Latonduine and Indolo[2,3-]quinoline Derivatives: Complex Formation with Copper(II) Markedly Changes the Kinase Inhibitory Profile.. <i>Journal of Medicinal Chemistry</i> , 2022 , 65, 2238-2261	8.3	261
229	Ruthenium-nitrosyl complexes as NO-releasing molecules, potential anticancer drugs, and photoswitches based on linkage isomerism.. <i>Dalton Transactions</i> , 2022 ,	4.3	6
228	Solution Equilibrium Studies on Salicylidene Aminoguanidine Schiff Base Metal Complexes: Impact of the Hybridization with L-Proline on Stability, Redox Activity and Cytotoxicity.. <i>Molecules</i> , 2022 , 27,	4.8	2
227	The Release of a Highly Cytotoxic Paullone Bearing a TEMPO Free Radical from the HSA Hydrogel: An EPR Spectroscopic Characterization. <i>Pharmaceutics</i> , 2022 , 14, 1174	6.4	0
226	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> , 2021 , 77, 1175-1179	0.7	1
225	Coordination Polymers of the Macrocyclic Nickel(II) and Copper(II) Complexes with Isomeric Benzenedicarboxylates: The Case of Spatial Complementarity between the Bis-Macrocyclic Complexes and o-Phthalate. <i>Crystal Growth and Design</i> , 2021 , 21, 2355-2370	3.5	3
224	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. <i>Biomolecules</i> , 2021 , 11,	5.9	3
223	Triapine Analogues and Their Copper(II) Complexes: Synthesis, Characterization, Solution Speciation, Redox Activity, Cytotoxicity, and mR2 RNR Inhibition. <i>Inorganic Chemistry</i> , 2021 , 60, 11297-11319	5.1	2
222	Towards understanding the magnetism of Os(IV) complexes: an insight. <i>Dalton Transactions</i> , 2021 , 50, 12537-12546	4.3	0
221	The Ruthenium Nitrosyl Moiety in Clusters: Trinuclear Linear μ -Hydroxido Magnesium(II)-Diruthenium(II), μ -Oxido Trinuclear Diiron(III)-Ruthenium(II), and Tetranuclear μ -Oxido Trigallium(III)-Ruthenium(II) Complexes.. <i>Inorganic Chemistry</i> , 2021 ,	5.1	1
220	Synthesis and antiproliferative activity of benzimidazole-based, trinuclear neutral cyclometallated and cationic, NN-chelated ruthenium(ii) complexes. <i>Dalton Transactions</i> , 2020 , 49, 1143-1156	4.3	10
219	Nickel(II), Copper(II) and Palladium(II) Complexes with Bis-Semicarbazide Hexaazamacrocycles: Redox-Noninnocent Behavior and Catalytic Activity in Oxidation and C-C Coupling Reactions. <i>Inorganic Chemistry</i> , 2020 , 59, 10650-10664	5.1	2
218	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> , 2020 , 44, 13195-13206	3.6	1
217	Triapine Derivatives Act as Copper Delivery Vehicles to Induce Deadly Metal Overload in Cancer Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	8
216	Insight into the Anticancer Activity of Copper(II) 5-Methylenetrimethylammonium-Thiosemicarbazones and Their Interaction with Organic Cation Transporters. <i>Biomolecules</i> , 2020 , 10,	5.9	6

215	Sensing of Proteins by ICD Response of Iron(II) Clathrochelates Functionalized by Carboxyalkylsulfide Groups. <i>Biomolecules</i> , 2020 , 10,	5.9	2
214	Synthesis and Evaluation of Biological Activity of Homodrimane Sesquiterpenoids Bearing Hydrazinecarbothioamide or 1,2,4-Triazole Unit. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 716-724 ^{1.4}		10
213	Investigation of the cytotoxic potential of methyl imidazole-derived thiosemicarbazones and their copper(II) complexes with dichloroacetate as a co-ligand. <i>New Journal of Chemistry</i> , 2019 , 43, 1340-1357 ^{3.6}		10
212	Dinuclear manganese(III) complexes with bioinspired coordination and variable linkers showing weak exchange effects: a synthetic, structural, spectroscopic and computation study. <i>Dalton Transactions</i> , 2019 , 48, 5909-5922	4.3	7
211	New palladium(II) complexes with 3-(2-pyridyl)-5-alkyl-1,2,4-triazole ligands as recyclable C-C coupling catalysts. <i>New Journal of Chemistry</i> , 2019 , 43, 10973-10984	3.6	7
210	Novel latonduine derived proligands and their copper(II) complexes show cytotoxicity in the nanomolar range in human colon adenocarcinoma cells and in vitro cancer selectivity. <i>Dalton Transactions</i> , 2019 , 48, 10464-10478	4.3	10
209	Redox-Active Organoruthenium(II) and Organoosmium(II) Copper(II) Complexes, with an Amidrazonemorpholine Hybrid and [CuCl ₂] as Counteranion and Their Antiproliferative Activity. <i>Organometallics</i> , 2019 , 38, 2307-2318	3.8	6
208	Coordination chemistry of S-substituted isothiosemicarbazides and isothiosemicarbazones. <i>Coordination Chemistry Reviews</i> , 2019 , 387, 348-397	23.2	21
207	Nickel(II) Complexes with Redox Noninnocent Octaazamacrocycles as Catalysts in Oxidation Reactions. <i>Inorganic Chemistry</i> , 2019 , 58, 11133-11145	5.1	6
206	Spectroelectrochemical, photochemical and theoretical study of octaazamacrocyclic nickel(II) complexes exhibiting unusual solvent-dependent deprotonation of methylene group. <i>Electrochimica Acta</i> , 2019 , 326, 135006	6.7	1
205	Crystal structures of -di-aqua-(3--1,3,5,8,12-penta-aza-cyclo-tetra-deca-ne)copper(II) isophthalate hydrates (= benzyl or pyridin-3-ylmethyl). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1015-1019	0.7	2
204	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> , 2019 , 75, 1700-1704	0.7	1
203	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> , 2019 , 75, 533-536	0.7	1
202	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> , 2019 , 62, 512-530	8.3	51
201	Palladium Complexes of N,NPbis(2-aminoethyl)oxamide (HL): Structural (PdL, PdL, and PdLCl), Electrochemical, Dynamic H NMR, and Cytotoxicity Studies. <i>Inorganic Chemistry</i> , 2018 , 57, 1288-1297	5.1	8
200	Copper(II) Thiosemicarbazone Complexes and Their Proligands upon UVA Irradiation: An EPR and Spectrophotometric Steady-State Study. <i>Molecules</i> , 2018 , 23,	4.8	11
199	NO Releasing and Anticancer Properties of Octahedral Ruthenium-Nitrosyl Complexes with Equatorial 1 H-Indazole Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 10702-10717	5.1	22
198	Complex formation reactions of gallium(III) and iron(III/II) with L-proline-thiosemicarbazone hybrids: A comparative study. <i>Inorganica Chimica Acta</i> , 2017 , 455, 505-513	2.7	6

197	An iron(iii)-centred ferric wheel Fe ₂ {Fe} with a siloxane-based bis-salicylidene Schiff base. <i>Dalton Transactions</i> , 2017 , 46, 1789-1793	4.3	10
196	Copper(ii) thiosemicarbazone complexes induce marked ROS accumulation and promote nrf2-mediated antioxidant response in highly resistant breast cancer cells. <i>Dalton Transactions</i> , 2017 , 46, 3833-3847	4.3	56
195	New Iminodiacetate-Thiosemicarbazone Hybrids and Their Copper(II) Complexes Are Potential Ribonucleotide Reductase R2 Inhibitors with High Antiproliferative Activity. <i>Inorganic Chemistry</i> , 2017 , 56, 3532-3549	5.1	34
194	On the nature of photoluminescence in Bismuth-doped silica glass. <i>Scientific Reports</i> , 2017 , 7, 3178	4.9	24
193	Conversion of hydrazides into N,N'-diacylhydrazines in the presence of a ruthenium(II)arene complex. <i>New Journal of Chemistry</i> , 2017 , 41, 6857-6865	3.6	4
192	cis-Tetrachlorido-bis(indazole)osmium(iv) and its osmium(iii) analogues: paving the way towards the cis-isomer of the ruthenium anticancer drugs KP1019 and/or NKP1339. <i>Dalton Transactions</i> , 2017 , 46, 11925-11941	4.3	8
191	Effects of Terminal Substitution and Iron Coordination on Antiproliferative Activity of l-Proline-salicylaldehyde-thiosemicarbazone Hybrids. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4773-4783	2.3	5
190	A Bis(μ -chlorido)-Bridged Cobalt(II) Complex with Silyl-Containing Schiff Base as a Catalyst Precursor in the Solvent-Free Oxidation of Cyclohexane. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4324-4332	2.3	12
189	A five-coordinate manganese(iii) complex of a salen type ligand with a positive axial anisotropy parameter D. <i>Dalton Transactions</i> , 2017 , 46, 11817-11829	4.3	14
188	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> , 2016 , 55, 9187-203	5.1	38
187	Oxime-Bridged Mn ₆ Clusters Inserted in One-Dimensional Coordination Polymer. <i>Macromolecules</i> , 2016 , 49, 6163-6172	5.5	16
186	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> , 2016 , 45, 13427-39	4.3	38
185	Ruthenium Carbonyl Complexes with Azole Heterocycles [Synthesis, X-ray Diffraction Structures, DFT Calculations, Solution Behavior, and Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1566-1576	2.3	6
184	Synthesis, characterisation and cytotoxic activity of organoruthenium(II)-halido complexes with 1 H-benzimidazole-2-carboxylic acid. <i>Journal of Organometallic Chemistry</i> , 2016 , 819, 61-68	2.3	15
183	Investigation of the binding of cis/trans-[MCl ₄ (1H-indazole)(NO)](-) (M = Ru, Os) complexes to human serum albumin. <i>Journal of Inorganic Biochemistry</i> , 2016 , 159, 37-44	4.2	11
182	Strong effect of copper(II) coordination on antiproliferative activity of thiosemicarbazone-piperazine and thiosemicarbazone-morpholine hybrids. <i>Dalton Transactions</i> , 2015 , 44, 9071-90	4.3	36
181	Spin contamination analogy, Kramers pairs symmetry and spin density representations at the 2-component unrestricted Hartree-Fock level of theory. <i>Computational and Theoretical Chemistry</i> , 2015 , 1065, 27-41	2	10
180	Anti-Stokes photoluminescence in Ga/Bi co-doped sol-gel silica glass. <i>Optics Letters</i> , 2015 , 40, 1591-4	3	3

179	Magnetic circular polarization of luminescence in bismuth-doped silica glass. <i>Optica</i> , 2015 , 2, 663	8.6	11
178	Intermolecular Reactions of a Foiled Carbene with Carbonyl Compounds: The Effects of Trishomocyclopropyl Stabilization. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11877-87	4.2	4
177	Heteropentanuclear Oxalato-Bridged nd-4f (n=4, 5) Metal Complexes with NO Ligand: Synthesis, Crystal Structures, Aqueous Stability and Antiproliferative Activity. <i>Chemistry - A European Journal</i> , 2015 , 21, 13703-13	4.8	12
176	Hybrids of salicylalkylamides and Mannich bases: control of the amide conformation by hydrogen bonding in solution and in the solid state. <i>Molecules</i> , 2015 , 20, 1686-711	4.8	6
175	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> , 2015 , 54, 5691-706	5.1	24
174	Osmium(II)-Nitrosyl Oxalato-Bridged Lanthanide-Centered Pentanuclear Complexes [Synthesis, Crystal Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1616-1624	2.3	6
173	[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> , 2014 , 2014, 120-131	2.3	44
172	Synthesis, X-ray structure and strong in vitro cytotoxicity of novel organoruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2014 , 749, 142-149	2.3	7
171	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> , 2014 , 53, 2718-29	5.1	29
170	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> , 2014 , 2014, 4946-4956	2.3	34
169	Strategy to Optimize the Biological Activity of Arene Ruthenium Metalla-Assemblies. <i>Organometallics</i> , 2014 , 33, 3813-3822	3.8	33
168	Picture change error in quasirelativistic electron/spin density, Laplacian and bond critical points. <i>Chemical Physics</i> , 2014 , 438, 37-47	2.3	12
167	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> , 2014 , 53, 6934-43	5.1	24
166	Two-dimensional coordination polymers based on pyridine-containing cations of Cu(II) and Ni(II) and 1,3,5-benzenetricarboxylate anion and their supramolecular structure. <i>Journal of Structural Chemistry</i> , 2014 , 55, 1466-1473	0.9	4
165	Photoluminescence in Ga/Bi co-doped silica glass. <i>Optics Express</i> , 2014 , 22, 5659-74	3.3	8
164	Osmium(III) analogues of KP1019: electrochemical and chemical synthesis, spectroscopic characterization, X-ray crystallography, hydrolytic stability, and antiproliferative activity. <i>Inorganic Chemistry</i> , 2014 , 53, 11130-9	5.1	19
163	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> , 2014 , 53, 12595-609	5.1	22
162	Ruthenium(II)-arene complexes with substituted picolinato ligands: Synthesis, structure, spectroscopic properties and antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , 2014 , 749, 343-349	2.3	20

161	Copper(II) complexes with 1,5-bis(2-hydroxybenzaldehyde)carbohydrazone. <i>Polyhedron</i> , 2014 , 80, 180-192	2.7	8
160	Hexanuclear and undecanuclear iron(III) carboxylates as catalyst precursors for cyclohexane oxidation. <i>Dalton Transactions</i> , 2013 , 42, 14388-401	4.3	27
159	Dicopper(II) and dizinc(II) complexes with nonsymmetric dinucleating ligands based on indolo[3,2-c]quinolines: synthesis, structure, cytotoxicity, and intracellular distribution. <i>Inorganic Chemistry</i> , 2013 , 52, 10137-46	5.1	18
158	Identification of the structural determinants for anticancer activity of a ruthenium arene peptide conjugate. <i>Chemistry - A European Journal</i> , 2013 , 19, 9297-307	4.8	48
157	A highly cytotoxic modified paullone ligand bearing a TEMPO free-radical unit and its copper(II) complex as potential hR2 RNR inhibitors. <i>Chemical Communications</i> , 2013 , 49, 10007-9	5.8	15
156	Novel metal(II) arene 2-pyridinecarbothioamides: a rationale to orally active organometallic anticancer agents. <i>Chemical Science</i> , 2013 , 4, 1837	9.4	95
155	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> , 2013 , 2013, 1458-1474	2.3	53
154	On the Electronic Structure of mer,trans-[RuCl ₃ (1H-indazole) ₂ (NO)], a Hypothetical Metabolite of the Antitumor Drug Candidate KP1019: An Experimental and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2505-2519	2.3	17
153	Marked stabilization of redox states and enhanced catalytic activity in galactose oxidase models based on transition metal S-methylisothiosemicarbazonates with -SR group in ortho position to the phenolic oxygen. <i>Inorganic Chemistry</i> , 2013 , 52, 7524-40	5.1	21
152	Striking difference in antiproliferative activity of ruthenium- and osmium-nitrosyl complexes with azole heterocycles. <i>Inorganic Chemistry</i> , 2013 , 52, 6273-85	5.1	36
151	Copper(II) complexes with highly water-soluble L- and D-proline-thiosemicarbazonate conjugates as potential inhibitors of Topoisomerase II β . <i>Inorganic Chemistry</i> , 2013 , 52, 8895-908	5.1	40
150	Osmium-Nitrosyl Complexes with Glycine, Picolinic Acid, L-Proline and D-Proline: Synthesis, Structures and Antiproliferative Activity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1590-1597	1.3	7
149	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> , 2013 , 32, 903-914	3.8	54
148	Mechanism elucidation of the cis-trans isomerization of an azole ruthenium-nitrosyl complex and its osmium counterpart. <i>Inorganic Chemistry</i> , 2013 , 52, 6260-72	5.1	23
147	[(3)H]metyrapol and 4-[(131)I]iodometomidate label overlapping, but not identical, binding sites on rat adrenal membranes. <i>Molecular Pharmaceutics</i> , 2013 , 10, 1119-30	5.6	9
146	Water-soluble cationic derivatives of indirubin, the active anticancer component from Indigo naturalis. <i>Chemistry and Biodiversity</i> , 2012 , 9, 2175-85	2.5	4
145	Ruthenium- and osmium-arene complexes of 8-substituted indolo[3,2-c]quinolines: Synthesis, X-ray diffraction structures, spectroscopic properties, and antiproliferative activity. <i>Inorganica Chimica Acta</i> , 2012 , 393, 252-260	2.7	20
144	Catenation control in the two-dimensional coordination polymers based on tritopic carboxylate linkers and azamacrocyclic nickel(II) complexes. <i>Dalton Transactions</i> , 2012 , 41, 4118-25	4.3	11

143	Solid State Structural Variations in Copper(II) Complexes of Open-Chain and Macrocyclic Malonamide-Derived Ligands. <i>Crystal Growth and Design</i> , 2012 , 12, 4388-4396	3.5	4
142	Osmium(IV) complexes with 1H- and 2H-indazoles: tautomer identity versus spectroscopic properties and antiproliferative activity. <i>Journal of Inorganic Biochemistry</i> , 2012 , 113, 47-54	4.2	29
141	A SAR study of novel antiproliferative ruthenium and osmium complexes with quinoxalinone ligands in human cancer cell lines. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 3398-413	8.3	87
140	Two Unusual Methylenecyclopropane Glucosides from C.Presl. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1531-1537	15.37	5
139	Ruthenium- and osmium-arene-based paullones bearing a TEMPO free-radical unit as potential anticancer drugs. <i>Chemical Communications</i> , 2012 , 48, 8559-61	5.8	39
138	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> , 2012 , 55, 5601-13	8.3	29
137	Targeting the DNA-topoisomerase complex in a double-strike approach with a topoisomerase inhibiting moiety and covalent DNA binder. <i>Chemical Communications</i> , 2012 , 48, 4839-41	5.8	125
136	Biological activity of ruthenium and osmium arene complexes with modified paullones in human cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2012 , 116, 180-7	4.2	52
135	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> , 2012 , 51, 9309-21	5.1	58
134	Structure-activity relationships of targeted Ru(II)-p-cymene anticancer complexes with flavonol-derived ligands. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10512-22	8.3	119
133	Maleimide-functionalised organoruthenium anticancer agents and their binding to thiol-containing biomolecules. <i>Chemical Communications</i> , 2012 , 48, 1475-7	5.8	82
132	Photoluminescence of sol-gel silica fiber preform doped with Bismuth-containing heterotrinnuclear complex. <i>Optical Materials Express</i> , 2012 , 2, 205	2.6	14
131	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> , 2011 , 50, 2918-31	5.1	35
130	Synthesis, characterization, and cytotoxic activity of novel potentially pH-sensitive nonclassical platinum(II) complexes featuring 1,3-dihydroxyacetone oxime ligands. <i>Inorganic Chemistry</i> , 2011 , 50, 10673-81	5.1	30
129	Ruthenium- and Osmium-Arene Complexes of 2-Substituted Indolo[3,2-c]quinolines: Synthesis, Structure, Spectroscopic Properties, and Antiproliferative Activity. <i>Organometallics</i> , 2011 , 30, 273-283	3.8	53
128	Synthesis and conformation of chiral biheteroaryls. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3222-30	4.2	10
127	Mono-carboxylated diaminedichloridoplatinum(IV) complexes--selective synthesis, characterization, and cytotoxicity. <i>Dalton Transactions</i> , 2011 , 40, 8187-92	4.3	31
126	En route to osmium analogues of KP1019: synthesis, structure, spectroscopic properties and antiproliferative activity of trans-[Os(IV)Cl ₄ (Hazole) ₂]. <i>Inorganic Chemistry</i> , 2011 , 50, 7690-7	5.1	42

125	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> , 2011 , 105, 1422-31	4.2	89
124	Lectin-Gd-loaded chitosan hydrogel nanoparticles: a new biospecific contrast agent for MRI. <i>Molecular Imaging and Biology</i> , 2011 , 13, 16-24	3.8	9
123	Lectin conjugates as biospecific contrast agents for MRI. Coupling of Lycopersicon esculentum agglutinin to linear water-soluble DTPA-loaded oligomers. <i>Molecular Imaging and Biology</i> , 2011 , 13, 432-442	3.8	10
122	Study of the Structure and Photochemical Decomposition of Azidoadamantanes Entrapped in β -Cyclodextrin. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1249-1255	3.2	12
121	1-[(E)-2-Arylethenyl]-2,2-diphenylcyclopropanes: Kinetics and Mechanism of Rearrangement to Cyclopentenones. <i>Helvetica Chimica Acta</i> , 2011 , 94, 1359-1388	2	11
120	Interaction of Triapine and related thiosemicarbazones with iron(III)/(II) and gallium(III): a comparative solution equilibrium study. <i>Dalton Transactions</i> , 2011 , 40, 5895-905	4.3	57
119	Organometallic 3-(1H-benzimidazol-2-yl)-1H-pyrazolo[3,4-b]pyridines as potential anticancer agents. <i>Inorganic Chemistry</i> , 2011 , 50, 11715-28	5.1	26
118	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> , 2011 , 50, 12669-79	5.1	51
117	Quest for even higher stabilized foiled carbenes. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7491-6	4.2	1
116	A quantitative structure-activity approach for lipophilicity estimation of antitumor complexes of different metals using microemulsion electrokinetic chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 409-13	3.5	15
115	From hydrolytically labile to hydrolytically stable Ru(II)-arene anticancer complexes with carbohydrate-derived co-ligands. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 224-31	4.2	63
114	Strategies for the covalent conjugation of a bifunctional chelating agent to albumin: synthesis and characterization of potential MRI contrast agents. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 250-5	4.2	8
113	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> , 2010 , 49, 7953-63	5.1	98
112	Highly cytotoxic copper(II) complexes with modified paullone ligands. <i>Inorganic Chemistry</i> , 2010 , 49, 3025-11	5.1	41
111	Efforts toward distorted spiropentanes. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7494-7	4.2	6
110	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> , 2010 , 114, 22289-22302	3.8	95
109	Novel cis- and trans-configured bis(oxime)platinum(II) complexes: synthesis, characterization, and cytotoxic activity. <i>Inorganic Chemistry</i> , 2010 , 49, 5669-78	5.1	46
108	Structure-activity relationships of highly cytotoxic copper(II) complexes with modified indolo[3,2-c]quinoline ligands. <i>Inorganic Chemistry</i> , 2010 , 49, 11084-95	5.1	49

107	2H-Azirines from a concerted addition of alkylcarbenes to nitrile groups. <i>Organic Letters</i> , 2010 , 12, 2366-67	4.2	17
106	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> , 2010 , 39, 704-6	4.3	72
105	Synthesis and structures of novel 1-methylcytosinato-bridged (ethylenediamine)platinum(II) and platinum(III) dinuclear complexes. <i>Dalton Transactions</i> , 2010 , 39, 3633-43	4.3	17
104	Osmium(II)--versus ruthenium(II)--arene carbohydrate-based anticancer compounds: similarities and differences. <i>Dalton Transactions</i> , 2010 , 39, 7345-52	4.3	81
103	A modular approach to a new class of phosphinohydrazones and their use in asymmetric allylic alkylation reactions. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1971-1982		15
102	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> , 2010 , 15, 903-18	3.7	45
101	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> , 2010 , 2010, 1717-1728	2.3	64
100	Heterometallic Cr ₂ /Ag ₂ 1D polymer: Synthesis, structure and properties. <i>Polyhedron</i> , 2010 , 29, 2258-2261	4.7	9
99	Mannich products of kojic acid and N-heterocycles and their Ru(II)arene complexes: Synthesis, characterization and stability. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 875-881	2.3	24
98	Ruthenium(II)-arene complexes with functionalized pyridines: synthesis, characterization and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 1051-8	6.8	68
97	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> , 2009 , 15, 12283-84	4.8	102
96	1,2,4,5-Tetrakis(diazidomethyl)benzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, o240-2		4
95	Stepwise insertion of carbenes into C-H bonds: the case of foiled carbenes. <i>Tetrahedron</i> , 2009 , 65, 765-770	4.4	8
94	Tuning the anticancer activity of maltol-derived ruthenium complexes by derivatization of the 3-hydroxy-4-pyrone moiety. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 922-929	2.3	58
93	A one step/one pot synthesis of N,N-bis(phosphonomethyl)amino acids and their effects on adipogenic and osteogenic differentiation of human mesenchymal stem cells. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 3388-93	3.4	10
92	[Os(IV)Cl(5)(Hazole)](-) complexes: synthesis, structure, spectroscopic properties, and antiproliferative activity. <i>Inorganic Chemistry</i> , 2009 , 48, 10737-47	5.1	20
91	Controllable selective functionalization of a cavitand via solid state photolysis of an encapsulated phenyl azide. <i>Organic Letters</i> , 2009 , 11, 3056-8	6.2	10
90	From Pyrone to Thiopyrone Ligands: Rendering Maltol-Derived Ruthenium(II)arene Complexes That Are Anticancer Active in Vitro. <i>Organometallics</i> , 2009 , 28, 4249-4251	3.8	78

89	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> , 2009 , 52, 5032-43	8.3	133
88	Synthesis and structures of palladium(II) and platinum(II) complexes containing heterocyclic thiolate ligands formed by cycloaddition reactions of coordinated azides. <i>Canadian Journal of Chemistry</i> , 2009 , 87, 146-150	0.9	12
87	Synthesis, X-ray diffraction structure, spectroscopic properties and antiproliferative activity of a novel ruthenium complex with constitutional similarity to cisplatin. <i>Dalton Transactions</i> , 2009 , 3334-9	4.3	27
86	An electrochemical study of antineoplastic gallium, iron and ruthenium complexes with redox noninnocent alpha-N-heterocyclic chalcogensemicarbazones. <i>Inorganic Chemistry</i> , 2008 , 47, 11032-47	5.1	51
85	Antitumour metal compounds: more than theme and variations. <i>Dalton Transactions</i> , 2008 , 183-94	4.3	702
84	Intermolecular reactions of foiled carbenes with N-H bonds: evidence for an ylidic pathway. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6551-8	4.2	10
83	Computational Electrochemistry of Ruthenium Anticancer Agents. Unprecedented Benchmarking of Implicit Solvation Methods. <i>Journal of Chemical Theory and Computation</i> , 2008 , 4, 499-506	6.4	29
82	Water-Soluble Mixed-Ligand Ruthenium(II) and Osmium(II) Arene Complexes with High Antiproliferative Activity. <i>Organometallics</i> , 2008 , 27, 6587-6595	3.8	64
81	Synthesis and reactivity of the aquation product of the antitumor complex trans-[Ru(III)Cl ₄ (indazole) ₂]-. <i>Inorganic Chemistry</i> , 2008 , 47, 6513-23	5.1	48
80	Unprecedented twofold intramolecular hydroamination in diam(m)ine-dicarboxylatodichloridoplatinum(IV) complexes - ethane-1,2-diamine vs. ammine ligands. <i>Chemical Communications</i> , 2008 , 1091-3	5.8	4
79	Synthesis, structure, spectroscopic properties, and antiproliferative activity in vitro of novel osmium(III) complexes withazole heterocycles. <i>Inorganic Chemistry</i> , 2008 , 47, 7338-47	5.1	27
78	Synthesis, Coordination Behavior, and Use in Asymmetric Hydrogenations of Walphos-Type Ligands. <i>Organometallics</i> , 2008 , 27, 1119-1127	3.8	26
77	Contributions to chromatographic chiral recognition of permethrinic acid stereoisomers by a quinine carbamate chiral selector: evidence from X-ray diffraction, DFT computations, ¹ H NMR, and thermodynamic studies. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 97-110		26
76	In vitro anticancer activity and biologically relevant metabolism of organometallic ruthenium complexes with carbohydrate-based ligands. <i>Chemistry - A European Journal</i> , 2008 , 14, 9046-57	4.8	100
75	Spontaneous Resolution of a Triple-Stranded Dinickel(II) Helicate Generated via Intermolecular Transamination Reaction of S-Methylisothiocarbohydrazide in the Presence of Ni ²⁺ . <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4140-4145	2.3	5
74	2-Methoxy-B-1,3,4-oxadiazoline, a Multipurpose Precursor for the Generation of a Carbene, an Ylide, or a Diazo Compound. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5336-5345	3.2	8
73	Hydrolysis and cytotoxic properties of osmium(II)/(III)-DMSO-azole complexes. Short communication. <i>Chemistry and Biodiversity</i> , 2008 , 5, 1588-93	2.5	11
72	Novel endothall-containing platinum(IV) complexes: synthesis, characterization, and cytotoxic activity. <i>Chemistry and Biodiversity</i> , 2008 , 5, 2160-70	2.5	34

71	Methyl-substituted trans-1,2-cyclohexanediamines as new ligands for oxaliplatin-type complexes. <i>Tetrahedron</i> , 2008 , 64, 137-146	2.4	7
70	Electron-transfer activated metal-based anticancer drugs. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1569-1583	3.7	168
69	Synthesis and structural peculiarities of gallium Complexes with novel paullone derivatives. <i>Open Chemistry</i> , 2008 , 6, 340-346	1.6	5
68	Synthesis, Characterization and Crystal Structure of Bis-(2-Hydroxybenzaldehyde)Diaminoguanizone. <i>Chemistry Journal of Moldova</i> , 2008 , 3, 119-121	0.9	1
67	Two new "onium" fluorosilicates, the products of interaction of fluorosilicic acid with 12-membered macrocycles: structures and spectroscopic properties. <i>Dalton Transactions</i> , 2007 , 2915-24	4.3	14
66	Synthesis and Use in Asymmetric Hydrogenations of Solely Planar Chiral 1,2-Disubstituted and 1,2,3-Trisubstituted Ferrocenyl Diphosphines: A Comparative Study. <i>Organometallics</i> , 2007 , 26, 3530-3540	2.8	20
65	Cope rearrangement versus a novel tandem retro-Diels-Alder-Diels-Alder reaction with role reversal. <i>Organic Letters</i> , 2007 , 9, 113-5	6.2	7
64	Novel di- and tetracarboxylatoplatinum(IV) complexes. Synthesis, characterization, cytotoxic activity, and DNA platination. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6692-9	8.3	79
63	Osmium NAMI-A analogues: synthesis, structural and spectroscopic characterization, and antiproliferative properties. <i>Inorganic Chemistry</i> , 2007 , 46, 5023-33	5.1	55
62	The first ruthenium-based paullones: syntheses, X-ray diffraction structures, and spectroscopic and antiproliferative properties in vitro. <i>Inorganic Chemistry</i> , 2007 , 46, 3645-56	5.1	36
61	Structure-activity relationships for NAMI-A-type complexes (HL)[trans-RuCl ₄ 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> , 2007 , 50, 2185-93	8.3	191
60	Metal-based paullones as putative CDK inhibitors for antitumor chemotherapy. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6343-55	8.3	80
59	A Diels-Alder approach to (-)-ovalicin. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2690-3	16.4	27
58	The Complexes [OsCl ₂ (azole) ₂ (dmsO) ₂] and [OsCl ₂ (azole)(dmsO) ₃]: Synthesis, Structure, Spectroscopic Properties and Catalytic Hydration of Chloronitriles. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 400-411	2.3	41
57	Ruthenium(II) Complexes of Thiosemicarbazones: The First Water-Soluble Complex with pH-Dependent Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2870-2878	2.3	37
56	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> , 2007 , 2007, 3728-3735	2.3	30
55	(R,R,R)-Tris(2-hydroxy-1-methylethyl)- and (S,S,S)-tris(2-hydroxy-2-methylethyl)phosphine: water-soluble chiral trialkylphosphines with C ₃ -symmetry. <i>Tetrahedron Letters</i> , 2007 , 48, 5665-5668	2	4
54	Indenyl complexes of ruthenium containing thiolate ligands. Structure of IndRu(dppe)SPh. <i>Transition Metal Chemistry</i> , 2007 , 32, 523-527	2.1	1

53	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> , 2007 , 101, 1946-57	4.2	62
52	Synthesis of the Cyclobutane Moiety of Providencin. <i>Heterocycles</i> , 2007 , 74, 855	0.8	8
51	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> , 2007 , 50, 1254-65	8.3	129
50	Highly Antiproliferative Ruthenium(II) and Osmium(II) Arene Complexes with Paullone-Derived Ligands. <i>Organometallics</i> , 2007 , 26, 6643-6652	3.8	123
49	A hexanuclear iron(III) carboxylate with an [Fe ₆ (μ ₃ -O) ₃ (μ ₂ -OH)] ¹¹⁺ core as an efficient catalyst for cycloalkane oxidation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2794-8	16.4	43
48	Bis(2-amino alcohol- <i>N</i>)dicarboxylatoplatinum(II) Complexes [Elegant Synthesis via Ring-Opening of Bis(2-amino alcoholato- <i>N</i> ,O)platinum(II) Species with Dicarboxylic Acids. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2476-2483	2.3	13
47	Synthesis and Characterization of [(1 <i>R</i> ,2 <i>R</i>)-trans-Diaminocyclohexane]platinum(II) Coordinated to Sulfur and Selenium Amino Acids. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 3746-3752	2.3	26
46	Ein sechskerniges Eisen(III)-carboxylat mit [Fe ₆ (μ ₃ -O) ₃ (μ ₂ -OH)] ¹¹⁺ -Kernstruktur als effizienter Katalysator zur Oxidation von Cycloalkanen. <i>Angewandte Chemie</i> , 2006 , 118, 2860-2865	3.6	10
45	Solvent- and temperature-tuned orientation of ferrocenyl azide inside beta-cyclodextrin. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3274-7	4.2	18
44	The first metal-based paullone derivative with high antiproliferative activity in vitro. <i>Inorganic Chemistry</i> , 2006 , 45, 1945-50	5.1	40
43	A tether controlled exo-selective trans-annular Diels-Alder (TADA) reaction. <i>Organic Letters</i> , 2006 , 8, 3849-51	6.2	23
42	Preclinical characterization of anticancer gallium(III) complexes: solubility, stability, lipophilicity and binding to serum proteins. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1819-26	4.2	90
41	A chiral phosphine- <i>β</i> -ketoimino rhodium complex as an efficient catalyst for the asymmetric conjugate addition. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 3084-3090		84
40	Effect of allylic and homoallylic substituents on cross metathesis: syntheses of prostaglandins F ₂ and J ₂ . <i>Tetrahedron Letters</i> , 2006 , 47, 6689-6693	2	21
39	Reactions of potent antitumor complex trans-[Ru(III)Cl ₄ (indazole) ₂]- with a DNA-relevant nucleobase and thioethers: insight into biological action. <i>Inorganic Chemistry</i> , 2005 , 44, 122-32	5.1	57
38	Isomeric [RuCl ₂ (dmsO) ₂ (indazole) ₂] complexes: ruthenium(II)-mediated coupling reaction of acetonitrile with 1 <i>H</i> -indazole. <i>Dalton Transactions</i> , 2005 , 2355-64	4.3	27
37	Redox-active antineoplastic ruthenium complexes with indazole: correlation of in vitro potency and reduction potential. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 2831-7	8.3	145
36	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 _{6-n} (Azole) _n] ^z (n = 3, 4, 6) complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 6704-16	5.1	74

35	1,1PBis(oxazolin-2-yl)ferrocenes: An Investigation of Their Complexation Behavior toward [Pd(1B-allyl)Cl] ₂ . <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1589-1600	2.3	13
34	Azine-bridged octanuclear copper(II) complexes assembled with a one-stranded ditopic thiocarbohydrazone ligand. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7938-42	16.4	48
33	Azine-Bridged Octanuclear Copper(II) Complexes Assembled with a One-Stranded Ditopic Thiocarbohydrazone Ligand. <i>Angewandte Chemie</i> , 2005 , 117, 8152-8156	3.6	2
32	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> , 2004 , 2004, 1530-1537	2.3	43
31	Synthesis, crystal structure and pH dependent cytotoxicity of (SP-4-2)-bis(2-aminoethanolato-2N,O)platinum(II) as representative of novel pH sensitive anticancer platinum complexes. <i>Inorganica Chimica Acta</i> , 2004 , 357, 3237-3244	2.7	45
30	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> , 2004 , 39, 707-14	6.8	46
29	Tuning of redox potentials for the design of ruthenium anticancer drugs -- an electrochemical study of [trans-RuCl(4)L(DMSO)](-) and [trans-RuCl(4)L(2)](-) complexes, where L = imidazole, 1,2,4-triazole, indazole. <i>Inorganic Chemistry</i> , 2004 , 43, 7083-93	5.1	143
28	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> , 2004 , 19, 46	3.7	174
27	Bis(2-aminobutanol)dichloroplatinum(II) Complexes and Their Singly and Doubly Ring-Closed Butanolato Species [Novel Prodrugs for Platinum-Based Antitumour Chemotherapy?]. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2619-2625	2.3	18
26	Crystallographic report: Crystal structure of 1-bromo-1'-[(2S)-N-(1-hydroxy-3-methylbutane-2-yl)]-ferroceneamide. <i>Applied Organometallic Chemistry</i> , 2003 , 17, 723-724	3.1	
25	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> , 2003 , 42, 6024-31	5.1	91
24	Synthesis, crystal structures, and electrospray ionisation mass spectrometry investigations of ether- and thioether-substituted ferrocenes. <i>Dalton Transactions</i> , 2003 , 3098	4.3	7
23	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> , 2002 , 91, 298-305	4.2	91
22	Synthesis of ferrocenylglucose phosphonite and bisphosphinite: Pd(II) and Pt(II) complexes, Pd-catalyzed allylic alkylation. <i>Tetrahedron</i> , 2002 , 58, 8489-8492	2.4	22
21	Potassium-controlled synthesis of heterotopic macrocycles based on isothiosemicarbazide. <i>Inorganica Chimica Acta</i> , 2002 , 328, 123-133	2.7	12
20	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , 2002 , 26, 671-673	6.3	28
19	Multi-temperature X-ray diffraction, Mössbauer spectroscopy and magnetic susceptibility studies of a solvated mixed-valence trinuclear iron formate, [Fe ₃ O(HCO ₂) ₆ (NC ₅ H ₄ CH ₃) ₃]. <i>Dalton Transactions RSC</i> , 2002 , 2981		19
18	Synthesis, structure and spectroscopic properties of nickel(II) macrocyclic and open-chain complexes resulted from 1-phenyl-butane-1,3-dione mono-S-methylisothiosemicarbazone template self-condensation. <i>Inorganica Chimica Acta</i> , 2001 , 313, 30-36	2.7	17

17	Oxovanadium(IV) and oxovanadium(IV)-barium(II) complexes with heterotopic macrocyclic ligands based on isothiosemicarbazide. <i>Inorganica Chimica Acta</i> , 2001 , 317, 33-44	2.7	26
16	Heterodinucleating macrocyclic compounds designed for electrochemical recognition. <i>Electrochimica Acta</i> , 2001 , 46, 2733-2740	6.7	8
15	MIXED MACROCYCLIC COORDINATION COMPOUNDS CONTAINING THIOSEMICARBAZIDE AND CROWN-ETHER MOIETIES (SYNTHESIS, STRUCTURE AND PROPERTIES). <i>Reviews in Inorganic Chemistry</i> , 2001 , 21, 1-42	2.4	20
14	Crystal structure, Mössbauer spectra, and thermal behavior of H(2)Fe(CO)(2)[P(OPh)3]2. <i>Inorganic Chemistry</i> , 2001 , 40, 2628-30	5.1	9
13	New metallomacrocyclic complexes based on acetamidrazone. <i>Inorganica Chimica Acta</i> , 2000 , 303, 228-237	3.7	6
12	1999 ,		148
11	Synthesis, structure and characterization of zinc(II), copper(II), zinc(II) barium(II) and copper(II) barium(II) complexes of macrocyclic heteronucleating ligands based on isothiosemicarbazide. <i>Inorganica Chimica Acta</i> , 1998 , 282, 61-70	2.7	11
10	Anion recognition by nickel(II) and cobalt(III) complexes with quadridentate ligands based on isothiosemicarbazide. <i>Polyhedron</i> , 1998 , 18, 451-458	2.7	9
9	Synthesis, Structure, Magnetism, and Spectroscopic Properties of Some Mono- and Dinuclear Nickel Complexes Containing Noninnocent Pentane-2,4-dione Bis(S-alkylisothiosemicarbazionate)-Derived Ligands. <i>Inorganic Chemistry</i> , 1997 , 36, 661-669	5.1	26
8	The crystal structures of [6-nitro-12,14-dimethyl-3,9-bis(propylsulphonyl)-1,2,4,8,10,11-hexaazacyclotetra-deca-2,4,6,9,12,14-hexaenato(2-)-N1, N4, N8, N11]nickel(II) and [12,14-dimethyl-3,9-bis(propylsulphonyl)-1,2,4,8,10,11-hexaazacyclotetra-deca-2,4,6,9,12,14-hexaenato(2-)-N1, N4, N8, N11]nickel(II)	2.7	8
7	Unusual Complexation Behavior of Metallomacrocycles Based on Isothiosemicarbazides with Respect to Alkali and Alkaline Earth Metal Ions: Novel 2:1 Associates. <i>Chemische Berichte</i> , 1995 , 128, 1089-1093		6
6	Synthesis and structure of metallomacrocycles based on isothiosemicarbazides. <i>Inorganica Chimica Acta</i> , 1995 , 238, 23-33	2.7	10
5	Transition metal complexes with the thiosemicarbazide-based ligands. XIII. Synthesis, physicochemical properties and voltammetric characterization of iron(III) complexes with terdentate and quadridentate thiosemicarbazide derivatives. <i>Polyhedron</i> , 1994 , 13, 3005-3014	2.7	29
4	Template synthesis, structure and properties of a bis(macrocyclic) dinickel(II) complex based on a 14-membered hexaaza unit. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 1913		16
3	Transition metal complexes with the thiosemicarbazide-based ligands. Part 12. Synthesis, structure and template reaction of ammine [2,4-pentane-dione S-methylisothiosemicarbazonato(2-)] nickel(II) dihydrate. <i>Transition Metal Chemistry</i> , 1993 , 18, 309-311	2.1	7
2	Synthesis, geometrical and electronic structure of iron mononitrosyl complexes with bis(S-alkylisothiosemicarbazones) of Edicarbonyl compounds. <i>Inorganica Chimica Acta</i> , 1992 , 202, 173-181	2.7	12
1	Metal-Based Indolobenzazepines and Indoloquinolines: From Moderate CDK Inhibitors to Potential Antitumor Drugs		3