

Vladimir B Arion

List of Publications by Year in descending order

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246
all docs

246
docs citations

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times ranked

7905
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumour metal compounds: more than theme and variations. Dalton Transactions, 2007, , 183-194.	1.6	767
2	Structure-Activity Relationships for NAMI-A-type Complexes (HL) [trans-RuCl ₄ L(S-dmsoruthenate(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. Journal of Medicinal Chemistry, 2007, 50, 2185-2193.	2.9	206
3	Transferrin binding and transferrin-mediated cellular uptake of the ruthenium coordination compound KP1019, studied by means of AAS, ESI-MS and CD spectroscopy. Journal of Analytical Atomic Spectrometry, 2004, 19, 46.	1.6	183
4	Electron-transfer activated metal-based anticancer drugs. Inorganica Chimica Acta, 2008, 361, 1569-1583.	1.2	177
5	Tuning of Redox Potentials for the Design of Ruthenium Anticancer Drugs - an Electrochemical Study of [trans-RuCl ₄ (DMSO)]- and [trans-RuCl ₄ L ₂]-Complexes, where L = Imidazole, 1,2,4-Triazole, Indazole. Inorganic Chemistry, 2004, 43, 7083-7093.	1.9	159
6	Redox-Active Antineoplastic Ruthenium Complexes with Indazole: Correlation of in Vitro Potency and Reduction Potential. Journal of Medicinal Chemistry, 2005, 48, 2831-2837.	2.9	156
7	Gallium(III) and Iron(III) Complexes of β -N-Heterocyclic Thiosemicarbazones: Synthesis, Characterization, Cytotoxicity, and Interaction with Ribonucleotide Reductase. Journal of Medicinal Chemistry, 2007, 50, 1254-1265.	2.9	145
8	Impact of Metal Coordination on Cytotoxicity of 3-Aminopyridine-2-carboxaldehyde Thiosemicarbazone (Triapine) and Novel Insights into Terminal Dimethylation. Journal of Medicinal Chemistry, 2009, 52, 5032-5043.	2.9	143
9	Highly Antiproliferative Ruthenium(II) and Osmium(II) Arene Complexes with Paullone-Derived Ligands. Organometallics, 2007, 26, 6643-6652.	1.1	134
10	Structure-Activity Relationships of Targeted Ru(II) (η^6 -Cymene) Anticancer Complexes with Flavonol-Derived Ligands. Journal of Medicinal Chemistry, 2012, 55, 10512-10522.	2.9	132
11	Targeting the DNA-topoisomerase complex in a double-strike approach with a topoisomerase inhibiting moiety and covalent DNA binder. Chemical Communications, 2012, 48, 4839.	2.2	130
12	In Vitro Anticancer Activity and Biologically Relevant Metabolization of Organometallic Ruthenium Complexes with Carbohydrate-Based Ligands. Chemistry - A European Journal, 2008, 14, 9046-9057.	1.7	111
13	Maltol-Derived Ruthenium-Cymene Complexes with Tumor Inhibiting Properties: The Impact of Ligand-Metal Bond Stability on Anticancer Activity In Vitro. Chemistry - A European Journal, 2009, 15, 12283-12291.	1.7	111
14	Molecular Engineering of Benzothiazolium Salts with Large Quadratic Hyperpolarizabilities: Can Auxiliary Electron-Withdrawing Groups Enhance Nonlinear Optical Responses?. Journal of Physical Chemistry C, 2010, 114, 22289-22302.	1.5	111
15	Novel metal(ii) arene 2-pyridinecarbothioamides: a rationale to orally active organometallic anticancer agents. Chemical Science, 2013, 4, 1837.	3.7	111
16	Ribonucleotide reductase inhibition by metal complexes of Triapine (3-aminopyridine-2-carboxaldehyde) Tj ETQq0 0 0 rgBT /Overlock 10 Biochemistry, 2011, 105, 1422-1431.	1.5	105
17	Is the Reactivity of M(II)-Arene Complexes of 3-Hydroxy-2(1 <i>H</i>)-pyridones to Biomolecules the Anticancer Activity Determining Parameter?. Inorganic Chemistry, 2010, 49, 7953-7963.	1.9	101
18	Preclinical characterization of anticancer gallium(III) complexes: Solubility, stability, lipophilicity and binding to serum proteins. Journal of Inorganic Biochemistry, 2006, 100, 1819-1826.	1.5	100

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19	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, 3398-3413.	2.9	98
20	Synthesis, structure, spectroscopic and in vitro antitumour studies of a novel gallium(III) complex with 2-acetylpyridine 4N-dimethylthiosemicarbazone. <i>Journal of Inorganic Biochemistry</i> , 2002, 91, 298-305.	1.5	97
21	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, 6024-6031.	1.9	94
22	A chiral phosphine-olefin rhodium complex as an efficient catalyst for the asymmetric conjugate addition. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 3084-3090.	1.8	91
23	Maleimide-functionalised organoruthenium anticancer agents and their binding to thiol-containing biomolecules. <i>Chemical Communications</i> , 2012, 48, 1475-1477.	2.2	91
24	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.	2.9	91
25	Novel Di- and Tetracarboxylatoplatinum(IV) Complexes. Synthesis, Characterization, Cytotoxic Activity, and DNA Platination. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6692-6699.	2.9	88
26	Osmium(ii)-versus ruthenium(ii)-arene carbohydrate-based anticancer compounds: similarities and differences. <i>Dalton Transactions</i> , 2010, 39, 7345.	1.6	88
27	Metal-Based Paullones as Putative CDK Inhibitors for Antitumor Chemotherapy. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6343-6355.	2.9	86
28	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.	1.1	85
29	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.	1.6	79
30	Tuning of Redox Properties for the Design of Ruthenium Anticancer Drugs: Part 2. Syntheses, Crystal Structures, and Electrochemistry of Potentially Antitumor [Ru(II)/Os(II)Cl _{6-n} (Azole) _n] _z (n= 3, 4, 6) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 6704-6716.	1.9	77
31	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, 704-706.	1.6	77
32	Comparative Solution Equilibrium Study of the Interactions of Copper(II), Iron(II) and Zinc(II) with Triapine (3-aminopyridine-2-carboxaldehyde Thiosemicarbazone) and Related Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1717-1728.	1.0	74
33	Ruthenium(II)-arene complexes with functionalized pyridines: Synthesis, characterization and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1051-1058.	2.6	74
34	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, 1946-1957.	1.5	71
35	Water-Soluble Mixed-Ligand Ruthenium(II) and Osmium(II) Arene Complexes with High Antiproliferative Activity. <i>Organometallics</i> , 2008, 27, 6587-6595.	1.1	71
36	Osmium NAMI-A Analogues: Synthesis, Structural and Spectroscopic Characterization, and Antiproliferative Properties. <i>Inorganic Chemistry</i> , 2007, 46, 5023-5033.	1.9	66

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37	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.	1.6	65
38	From hydrolytically labile to hydrolytically stable Ru(II)-arene anticancer complexes with carbohydrate-derived co-ligands. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 224-231.	1.5	65
39	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.	0.8	64
40	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, 9309-9321.	1.9	64
41	Reactions of Potent Antitumor Complex trans-[Ru(II)Cl ₄ (indazole) ₂]- with a DNA-Relevant Nucleobase and Thioethers: Insight into Biological Action. <i>Inorganic Chemistry</i> , 2005, 44, 122-132.	1.9	59
42	Biological activity of ruthenium and osmium arene complexes with modified paullones in human cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 180-187.	1.5	59
43	Identification of the Structural Determinants for Anticancer Activity of a Ruthenium Arene Peptide Conjugate. <i>Chemistry - A European Journal</i> , 2013, 19, 9297-9307.	1.7	58
44	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.	1.0	58
45	An Electrochemical Study of Antineoplastic Gallium, Iron and Ruthenium Complexes with Redox Noninnocent \pm -N-Heterocyclic Chalcogensemicarbazones. <i>Inorganic Chemistry</i> , 2008, 47, 11032-11047.	1.9	57
46	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.	1.1	57
47	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, 12669-12679.	1.9	56
48	Copper(II) Complexes with Highly Water-Soluble l- and d-Proline-Thiosemicarbazone Conjugates as Potential Inhibitors of Topoisomerase II. <i>Inorganic Chemistry</i> , 2013, 52, 8895-8908.	1.9	56
49	Structure-Activity Relationships of Highly Cytotoxic Copper(II) Complexes with Modified Indolo[3,2-c]quinoline Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 11084-11095.	1.9	55
50	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.	1.1	55
51	Azine-Bridged Octanuclear Copper(II) Complexes Assembled with a One-Stranded Ditopic Thiocarbohydrazone Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7938-7942.	7.2	52
52	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, 707-714.	2.6	51
53	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, 903-918.	1.1	51
54	Synthesis and Reactivity of the Aquation Product of the Antitumor Complex trans-[Ru(III)Cl ₄ (indazole) ₂] ⁺ . <i>Inorganic Chemistry</i> , 2008, 47, 6513-6523.	1.9	50

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55	New Iminodiacetate π -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.	1.9	50
56	Novel Cis- and Trans-Configured Bis(oxime)platinum(II) Complexes: Synthesis, Characterization, and Cytotoxic Activity. <i>Inorganic Chemistry</i> , 2010, 49, 5669-5678.	1.9	49
57	En Route to Osmium Analogues of KP1019: Synthesis, Structure, Spectroscopic Properties and Antiproliferative Activity of <i>trans</i> -[Os ^{IV} Cl ₄](Hazole) ₂ . <i>Inorganic Chemistry</i> , 2011, 50, 7690-7697.	1.9	49
58	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, 9187-9203.	1.9	49
59	Highly Cytotoxic Copper(II) Complexes with Modified Paullone Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 302-311.	1.9	48
60	μ_4 -Chlorido π -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.	1.0	48
61	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, 2794-2798.	7.2	47
62	Synthesis, crystal structure and pH dependent cytotoxicity of (SP-4-2)-bis(2-aminoethanolato- λ^2 N,O)platinum(II) π a representative of novel pH sensitive anticancer platinum complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 3237-3244.	1.2	46
63	The First Metal-Based Paullone Derivative with High Antiproliferative Activity in Vitro. <i>Inorganic Chemistry</i> , 2006, 45, 1945-1950.	1.9	46
64	Macrocyclic and Open-Chain Cull-4f (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1530-1537.	1.0	44
65	Structure π antiproliferative activity studies on <i>l</i> -proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(<i>ii</i>), palladium(<i>ii</i>) and copper(<i>ii</i>) complexes. <i>Dalton Transactions</i> , 2016, 45, 13427-13439.	1.6	44
66	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.	1.0	43
67	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.	1.0	43
68	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, 2918-2931.	1.9	43
69	Strong effect of copper(<i>ii</i>) coordination on antiproliferative activity of thiosemicarbazone π piperazine and thiosemicarbazone π morpholine hybrids. <i>Dalton Transactions</i> , 2015, 44, 9071-9090.	1.6	42
70	The First Ruthenium-Based Paullones: Syntheses, X-ray Diffraction Structures, and Spectroscopic and Antiproliferative Properties in Vitro. <i>Inorganic Chemistry</i> , 2007, 46, 3645-3656.	1.9	40
71	Ruthenium- and osmium-arene-based paullones bearing a TEMPO free-radical unit as potential anticancer drugs. <i>Chemical Communications</i> , 2012, 48, 8559.	2.2	40
72	Striking Difference in Antiproliferative Activity of Ruthenium- and Osmium-Nitrosyl Complexes with Azole Heterocycles. <i>Inorganic Chemistry</i> , 2013, 52, 6273-6285.	1.9	39

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73	Novel Endothal-Containing Platinum(IV) Complexes: Synthesis, Characterization, and Cytotoxic Activity. <i>Chemistry and Biodiversity</i> , 2008, 5, 2160-2170.	1.0	38
74	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.	1.5	38
75	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, 5601-5613.	2.9	36
76	Strategy to Optimize the Biological Activity of Arene Ruthenium Metalla-Assemblies. <i>Organometallics</i> , 2014, 33, 3813-3822.	1.1	36
77	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, 2718-2729.	1.9	35
78	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.	1.0	35
79	Ruthenium-nitrosyl complexes as NO-releasing molecules, potential anticancer drugs, and photoswitches based on linkage isomerism. <i>Dalton Transactions</i> , 2022, 51, 5367-5393.	1.6	35
80	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> , 1997, 36, 661-669.	1.9	34
81	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, 10673-10681.	1.9	34
82	NO Releasing and Anticancer Properties of Octahedral Ruthenium-Nitrosyl Complexes with Equatorial 1-H-Indazole Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 10702-10717.	1.9	34
83	Mono-carboxylated diaminedichloridoplatinum($\text{Pt}(\text{NH}_2)_2\text{Cl}_2$) complexes - selective synthesis, characterization, and cytotoxicity. <i>Dalton Transactions</i> , 2011, 40, 8187-8192.	1.6	33
84	Transition metal complexes with the thiosemicarbazide-based ligands - XXIII. Synthesis, physicochemical properties and voltammetric characterization of iron(III) complexes with terdentate and quadridentate thiosemicarbazide derivatives. <i>Polyhedron</i> , 1994, 13, 3005-3014.	1.0	32
85	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.	1.0	32
86	Synthesis, Structure, Spectroscopic Properties, and Antiproliferative Activity In Vitro of Novel Osmium(III) Complexes with Azole Heterocycles. <i>Inorganic Chemistry</i> , 2008, 47, 7338-7347.	1.9	32
87	Synthesis, Coordination Behavior, and Use in Asymmetric Hydrogenations of Walphos-Type Ligands. <i>Organometallics</i> , 2008, 27, 1119-1127.	1.1	32
88	Organometallic 3-(1-H-Benzimidazol-2-yl)-1-H-pyrazolo[3,4-b]pyridines as Potential Anticancer Agents. <i>Inorganic Chemistry</i> , 2011, 50, 11715-11728.	1.9	32
89	Coordination chemistry of S-substituted isothiosemicarbazides and isothiosemicarbazones. <i>Coordination Chemistry Reviews</i> , 2019, 387, 348-397.	9.5	32
90	Computational Electrochemistry of Ruthenium Anticancer Agents. Unprecedented Benchmarking of Implicit Solvation Methods. <i>Journal of Chemical Theory and Computation</i> , 2008, 4, 499-506.	2.3	31

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91	On the nature of photoluminescence in Bismuth-doped silica glass. <i>Scientific Reports</i> , 2017, 7, 3178.	1.6	31
92	Isomeric [RuCl ₂ (dmsO) ₂ (indazole) ₂] complexes: ruthenium(ii)-mediated coupling reaction of acetonitrile with 1H-indazole. <i>Dalton Transactions</i> , 2005, , 2355.	1.6	29
93	Synthesis and Characterization of [(1R,2R)-trans-Diaminocyclohexane]platinum(II) Coordinated to Sulfur and Selenium Amino Acids. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3746-3752.	1.0	29
94	A Diels-Alder Approach to (âˆ)-Ovalicin. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2690-2693.	7.2	29
95	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> , 2008, 19, 97-110.	1.8	29
96	Hexanuclear and undecanuclear iron(iii) carboxylates as catalyst precursors for cyclohexane oxidation. <i>Dalton Transactions</i> , 2013, 42, 14388.	1.6	29
97	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, 5691-5706.	1.9	29
98	Oxovanadium(IV) and oxovanadium(IV)-barium(II) complexes with heterotopic macrocyclic ligands based on isothiosemicarbazide. <i>Inorganica Chimica Acta</i> , 2001, 317, 33-44.	1.2	28
99	Novel glucose-ferrocenyl derivatives: synthesis and properties. <i>New Journal of Chemistry</i> , 2002, 26, 671-673.	1.4	28
100	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.	1.6	27
101	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- <i>c</i>]quinoline-Piperazine Hybrids. <i>Inorganic Chemistry</i> , 2014, 53, 6934-6943.	1.9	27
102	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.	0.8	26
103	Mechanism Elucidation of the <i>cis</i> -trans Isomerization of an Azole Ruthenium-Nitrosyl Complex and Its Osmium Counterpart. <i>Inorganic Chemistry</i> , 2013, 52, 6260-6272.	1.9	26
104	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.	0.7	25
105	Synthesis and antiproliferative activity of benzimidazole-based, trinuclear neutral cyclometallated and cationic, N ⁺ -chelated ruthenium(ⁱⁱ) complexes. <i>Dalton Transactions</i> , 2020, 49, 1143-1156.	1.6	25
106	A Tether Controlled exo-Selective Trans-Annular Diels-Alder (TADA) Reaction. <i>Organic Letters</i> , 2006, 8, 3849-3851.	2.4	24
107	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, 12595-12609.	1.9	24
108	MIXED MACROCYCLIC COORDINATION COMPOUNDS CONTAINING THIOSEMICARBAZIDE AND CROWN-ETHER MOIETIES (SYNTHESIS, STRUCTURE AND PROPERTIES). <i>Reviews in Inorganic Chemistry</i> , 2001, 21, 1-42.	1.8	23

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109	Synthesis of ferrocenylglucose phosphonite and bisphosphinite: Pd(II) and Pt(II) complexes, Pd-catalyzed allylic alkylation. <i>Tetrahedron</i> , 2002, 58, 8489-8492.	1.0	23
110	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, 11130-11139.	1.9	23
111	Dicopper(II) and Dizinc(II) Complexes with Nonsymmetric Dinucleating Ligands Based on Indolo[3,2- <i>c</i>]quinolines: Synthesis, Structure, Cytotoxicity, and Intracellular Distribution. <i>Inorganic Chemistry</i> , 2013, 52, 10137-10146.	1.9	22
112	Marked Stabilization of Redox States and Enhanced Catalytic Activity in Galactose Oxidase Models Based on Transition Metal <i>S</i> -Methylisothiosemicarbazones with $\hat{\text{S}}$ R Group in Ortho Position to the Phenolic Oxygen. <i>Inorganic Chemistry</i> , 2013, 52, 7524-7540.	1.9	22
113	Ruthenium(II) $\hat{\text{C}}$ arene complexes with substituted picolinato ligands: Synthesis, structure, spectroscopic properties and antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 343-349.	0.8	22
114	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.	1.1	21
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229	Synthesis, Characterization and Crystal Structure of Bis-(2-Hydroxybenzaldehyde)Diaminoguanizone. <i>Chemistry Journal of Moldova</i> , 2008, 3, 119-121.	0.3	1
230	Crystal structure of <i>trans</i> -diaqua(3,10-dimethyl-1,3,5,8,10,12-hexaazacyclotetradecane)copper(II) pamoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 533-536.	0.2	1
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235	Carboxylation of 2-hydroxyethyl substituted tetrachloro(ethane-1,2-diamine)platinum(IV) complexes. A new synthetic approach to anticancer platinum compounds. Journal of Inorganic Biochemistry, 2003, 96, 94.	1.5	0
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