Vladimir B Arion

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3303286/publications.pdf

Version: 2024-02-01

236 papers	9,070 citations	36203 51 h-index	58464 82 g-index
246 all docs	246 docs citations	246 times ranked	7905 citing authors

#	Article	IF	Citations
1	Ready access to 7,8-dihydroindolo[2,3-d][1]benzazepine-6(5H)-one scaffold and analogues via early-stage Fischer ring-closure reaction. Beilstein Journal of Organic Chemistry, 2022, 18, 143-151.	1.3	1
2	Inhibition of Microtubule Dynamics in Cancer Cells by Indole-Modified Latonduine Derivatives and Their Metal Complexes. Inorganic Chemistry, 2022, 61, 1456-1470.	1.9	8
3	Highly Antiproliferative Latonduine and Indolo[2,3-c]quinoline Derivatives: Complex Formation with Copper(II) Markedly Changes the Kinase Inhibitory Profile. Journal of Medicinal Chemistry, 2022, 65, 2238-2261.	2.9	14
4	Ruthenium-nitrosyl complexes as NO-releasing molecules, potential anticancer drugs, and photoswitches based on linkage isomerism. Dalton Transactions, 2022, 51, 5367-5393.	1.6	35
5	Diastereomeric dinickel(<scp>ii</scp>) complexes with non-innocent bis(octaazamacrocyclic) ligands: isomerization, spectroelectrochemistry, DFT calculations and use in catalytic oxidation of cyclohexane. Dalton Transactions, 2022, 51, 5151-5167.	1.6	5
6	Solution Equilibrium Studies on Salicylidene Aminoguanidine Schiff Base Metal Complexes: Impact of the Hybridization with L-Proline on Stability, Redox Activity and Cytotoxicity. Molecules, 2022, 27, 2044.	1.7	8
7	The Ruthenium Nitrosyl Moiety in Clusters: Trinuclear Linear Î¼-Hydroxido Magnesium(II)-Diruthenium(II), Î¼₃-Oxido Trinuclear Diiron(III)â€“Ruthenium(II), and Tetranuclear Î¼₄-Oxido Trigallium(III)-Ruthenium(II) Complexes. Inorganic Chemistry, 2022, 61, 950-967.	1.9	7
8	The Release of a Highly Cytotoxic Paullone Bearing a TEMPO Free Radical from the HSA Hydrogel: An EPR Spectroscopic Characterization. Pharmaceutics, 2022, 14, 1174.	2.0	2
9	Elucidation of Structureâ€“Activity Relationships in Indolobenzazepine-Derived Ligands and Their Copper(II) Complexes: the Role of Key Structural Components and Insight into the Mechanism of Action. Inorganic Chemistry, 2022, 61, 10167-10181.	1.9	8
10	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. Crystal Growth and Design, 2021, 21, 2355-2370.	1.4	8
11	Coumarin-Based Triapine Derivatives and Their Copper(II) Complexes: Synthesis, Cytotoxicity and mR2 RNR Inhibition Activity. Biomolecules, 2021, 11, 862.	1.8	8
12	Ni Oxidation State and Ligand Saturation Impact on the Capability of Octaazamacrocyclic Complexes to Bind and Reduce CO2. Molecules, 2021, 26, 4139.	1.7	3
13	Triapine Analogues and Their Copper(II) Complexes: Synthesis, Characterization, Solution Speciation, Redox Activity, Cytotoxicity, and mR2 RNR Inhibition. Inorganic Chemistry, 2021, 60, 11297-11319.	1.9	10
14	Towards understanding the magnetism of Os(<scp>iv</scp>) complexes: an ab initio insight. Dalton Transactions, 2021, 50, 12537-12546.	1.6	3
15	Spectroelectrochemical Properties and Catalytic Activity in Cyclohexane Oxidation of the Hybrid Zr/Hf-Phthalocyaninate-Capped Nickel(II) and Iron(II) tris-Pyridineoximates and Their Precursors. Molecules, 2021, 26, 336.	1.7	5
16	Crystal structure of trans-diaqua(1,4,8,11-tetraazaundecane)nickel(II) bis(pyridine-2,6-dicarboxylato)nickel(II). Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 1175-1179.	0.2	1
17	Synthesis and antiproliferative activity of benzimidazole-based, trinuclear neutral cyclometallated and cationic, N[^]N-chelated ruthenium(<scp>ii</scp>) complexes. Dalton Transactions, 2020, 49, 1143-1156.	1.6	25
18	Nickel(II), Copper(II) and Palladium(II) Complexes with Bis-Semicarbazide Hexaazamacrocycles: Redox-Noninnocent Behavior and Catalytic Activity in Oxidation and Câ€“C Coupling Reactions. Inorganic Chemistry, 2020, 59, 10650-10664.	1.9	5

#	Article	IF	Citations
19	Formation of metal-radical species upon reduction of late transition metal complexes with heteroleptic ligands: an experimental and theoretical study. New Journal of Chemistry, 2020, 44, 13195-13206.	1.4	3
20	Triapine Derivatives Act as Copper Delivery Vehicles to Induce Deadly Metal Overload in Cancer Cells. Biomolecules, 2020, 10, 1336.	1.8	12
21	Insight into the Anticancer Activity of Copper(II) 5-Methylenetrimethylammonium-Thiosemicarbazonates and Their Interaction with Organic Cation Transporters. Biomolecules, 2020, 10, 1213.	1.8	10
22	Sensing of Proteins by ICD Response of Iron(II) Clathrochelates Functionalized by Carboxyalkylsulfide Groups. Biomolecules, 2020, 10, 1602.	1.8	11
23	Nickel(II) Complexes with Redox Noninnocent Octaazamacrocycles as Catalysts in Oxidation Reactions. Inorganic Chemistry, 2019, 58, 11133-11145.	1.9	16
24	Spectroelectrochemical, photochemical and theoretical study of octaazamacrocyclic nickel(II) complexes exhibiting unusual solvent-dependent deprotonation of methylene group. Electrochimica Acta, 2019, 326, 135006.	2.6	5
25	Synthesis and Evaluation of Biological Activity of Homodrimane Sesquiterpenoids Bearing Hydrazinecarbothioamide or 1,2,4-Triazole Unit. Chemistry of Heterocyclic Compounds, 2019, 55, 716-724.	0.6	14
26	Investigation of the cytotoxic potential of methyl imidazole-derived thiosemicarbazones and their copper(ii) complexes with dichloroacetate as a co-ligand. New Journal of Chemistry, 2019, 43, 1340-1357.	1.4	12
27	Dinuclear manganese(iii) complexes with bioinspired coordination and variable linkers showing weak exchange effects: a synthetic, structural, spectroscopic and computation study. Dalton Transactions, 2019, 48, 5909-5922.	1.6	10
28	New palladium(<scp>ii</scp>) complexes with 3-(2-pyridyl)-5-alkyl-1,2,4-triazole ligands as recyclable Câ€“C coupling catalysts. New Journal of Chemistry, 2019, 43, 10973-10984.	1.4	14
29	Novel latonduine derived proligands and their copper(<scp>ii</scp>) complexes show cytotoxicity in the nanomolar range in human colon adenocarcinoma cells and in vitro cancer selectivity. Dalton Transactions, 2019, 48, 10464-10478.	1.6	17
30	Redox-Active Organoruthenium(II)â€“ and Organoosmium(II)â€“Copper(II) Complexes, with an Amidrazoneâ€“Morpholine Hybrid and [Cu^ICl₂]^{â^'} as Counteranion and Their Antiproliferative Activity. Organometallics, 2019, 38, 2307-2318.	1.1	9
31	Coordination chemistry of S-substituted isothiosemicarbazides and isothiosemicarbazones. Coordination Chemistry Reviews, 2019, 387, 348-397.	9.5	32
32	New Water-Soluble Copper(II) Complexes with Morpholineâ€“Thiosemicarbazone Hybrids: Insights into the Anticancer and Antibacterial Mode of Action. Journal of Medicinal Chemistry, 2019, 62, 512-530.	2.9	91
33	Crystal structures oftrans-diaqua(3-R-1,3,5,8,12-pentaazacyclotetradecane)copper(II) isophthalate hydrates (R = benzyl or pyridin-3-ylmethyl). Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1015-1019.	0.2	3
34	The first structural characterization of the protonated azacyclam ligand incatena-poly[[[(perchlorato)copper(II)]-Î¼-3-(3-carboxypropyl)-1,5,8,12-tetraaza-3-azoniacyclotetradecane] bis(perchlorate)]. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1700-1704.	0.2	1
35	Crystal structure oftrans-diaqua(3,10-dimethyl-1,3,5,8,10,12-hexaazacyclotetradecane)copper(II) pamoate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 533-536.	0.2	1
36	Palladium Complexes of N,Nâ€²-Bis(2-aminoethyl)oxamide (H₂L): Structural (Pd^{II}L, Pd^{II}₂L₂, and Pd^{IV}LCl₂), Electrochemical, Dynamic ¹H NMR, and Cytotoxicity Studies. Inorganic Chemistry, 2018, 57, 1288-1297.	1.9	11

#	Article	IF	Citations
37	Copper(II) Thiosemicarbazone Complexes and Their Proligands upon UVA Irradiation: An EPR and Spectrophotometric Steady-State Study. Molecules, 2018, 23, 721.	1.7	11
38	NO Releasing and Anticancer Properties of Octahedral Rutheniumâ€“Nitrosyl Complexes with Equatorial 1H-Indazole Ligands. Inorganic Chemistry, 2018, 57, 10702-10717.	1.9	34
39	Complex formation reactions of gallium(III) and iron(III/II) with l-proline-thiosemicarbazone hybrids: A comparative study. Inorganica Chimica Acta, 2017, 455, 505-513.	1.2	7
40	An iron(<scp>iii</scp>)-centred ferric wheel FeâŠ‚{Fe₆} with a siloxane-based bis-salicylidene Schiff base. Dalton Transactions, 2017, 46, 1789-1793.	1.6	13
41	Copper(<scp>ii</scp>) thiosemicarbazone complexes induce marked ROS accumulation and promote nrf2-mediated antioxidant response in highly resistant breast cancer cells. Dalton Transactions, 2017, 46, 3833-3847.	1.6	79
42	New Iminodiacetateâ€“Thiosemicarbazone Hybrids and Their Copper(II) Complexes Are Potential Ribonucleotide Reductase R2 Inhibitors with High Antiproliferative Activity. Inorganic Chemistry, 2017, 56, 3532-3549.	1.9	50
43	On the nature of photoluminescence in Bismuth-doped silica glass. Scientific Reports, 2017, 7, 3178.	1.6	31
44	Conversion of hydrazides into N,Nâ€²-diacylhydrazines in the presence of a ruthenium(ii)â€“arene complex. New Journal of Chemistry, 2017, 41, 6857-6865.	1.4	4
45	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. Dalton Transactions, 2017, 46, 11925-11941.	1.6	11
46	Effects of Terminal Substitution and Iron Coordination on Antiproliferative Activity of l -Proline-salicylaldehyde-Thiosemicarbazone Hybrids. European Journal of Inorganic Chemistry, 2017, 2017, 4773-4783.	1.0	6
47	A Bis(Âµâ€chlorido)â€Bridged Cobalt(II) Complex with Silylâ€Containing Schiff Base as a Catalyst Precursor in the Solventâ€Free Oxidation of Cyclohexane. European Journal of Inorganic Chemistry, 2017, 2017, 4324-4332.	1.0	15
48	A five-coordinate manganese(<scp>iii</scp>) complex of a salen type ligand with a positive axial anisotropy parameter D. Dalton Transactions, 2017, 46, 11817-11829.	1.6	20
49	Investigation of the binding of cis/trans-[MCl4(1H-indazole)(NO)]â^' (M = Ru, Os) complexes to human serum albumin. Journal of Inorganic Biochemistry, 2016, 159, 37-44.	1.5	12
50	Vanadium(V) Complexes with Substituted 1,5-bis(2-hydroxybenzaldehyde)carbohydrazones and Their Use As Catalyst Precursors in Oxidation of Cyclohexane. Inorganic Chemistry, 2016, 55, 9187-9203.	1.9	49
51	Oxime-Bridged Mn₆ Clusters Inserted in One-Dimensional Coordination Polymer. Macromolecules, 2016, 49, 6163-6172.	2.2	18
52	Structureâ€“antiproliferative activity studies on<scp>l</scp>-proline- and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(<scp>ii</scp>), palladium(<scp>ii</scp>) and copper(<scp>ii</scp>) complexes. Dalton Transactions, 2016, 45, 13427-13439.	1.6	44
53	Ruthenium Carbonyl Complexes with Azole Heterocycles â€“ Synthesis, Xâ€ray Diffraction Structures, DFT Calculations, Solution Behavior, and Antiproliferative Activity. European Journal of Inorganic Chemistry, 2016, 2016, 1566-1576.	1.0	7
54	Synthesis, characterisation and cytotoxic activity of organoruthenium(II)-halido complexes with 1H-benzimidazole-2-carboxylic acid. Journal of Organometallic Chemistry, 2016, 819, 61-68.	0.8	18

#	Article	IF	Citations
55	Heteropentanuclear Oxalatoâ€Bridged ndâ€“4f (n=4, 5) Metal Complexes with NO Ligand: Synthesis, Crystal Structures, Aqueous Stability and Antiproliferative Activity. Chemistry - A European Journal, 2015, 21, 13703-13713.	1.7	13
56	Hybrids of Salicylalkylamides and Mannich Bases: Control of the Amide Conformation by Hydrogen Bonding in Solution and in the Solid State. Molecules, 2015, 20, 1686-1711.	1.7	8
57	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. Inorganic Chemistry, 2015, 54, 5691-5706.	1.9	29
58	Osmiumâ€“Nitrosyl Oxalatoâ€Bridged Lanthanideâ€Centered Pentanuclear Complexes â€“ Synthesis, Crystal Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2015, 2015, 1616-1624.	1.0	7
59	Strong effect of copper(<scp>ii</scp>) coordination on antiproliferative activity of thiosemicarbazoneâ€“piperazine and thiosemicarbazoneâ€“morpholine hybrids. Dalton Transactions, 2015, 44, 9071-9090.	1.6	42
60	Spin contamination analogy, Kramers pairs symmetry and spin density representations at the 2-component unrestricted Hartreeâ€“Fock level of theory. Computational and Theoretical Chemistry, 2015, 1065, 27-41.	1.1	10
61	Anti-Stokes photoluminescence in Ga/Bi co-doped sol-gel silica glass. Optics Letters, 2015, 40, 1591.	1.7	4
62	Magnetic circular polarization of luminescence in bismuth-doped silica glass. Optica, 2015, 2, 663.	4.8	12
63	Intermolecular Reactions of a Foiled Carbene with Carbonyl Compounds: The Effects of Trishomocyclopropyl Stabilization. Journal of Organic Chemistry, 2015, 80, 11877-11887.	1.7	4
64	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. Journal of Structural Chemistry, 2014, 55, 1466-1473.	0.3	5
65	Photoluminescence in Ga/Bi co-doped silica glass. Optics Express, 2014, 22, 5659.	1.7	9
66	Osmium(III) Analogues of KP1019: Electrochemical and Chemical Synthesis, Spectroscopic Characterization, X-ray Crystallography, Hydrolytic Stability, and Antiproliferative Activity. Inorganic Chemistry, 2014, 53, 11130-11139.	1.9	23
67	Effects of Terminal Dimethylation and Metal Coordination of Proline-2-formylpyridine Thiosemicarbazone Hybrids on Lipophilicity, Antiproliferative Activity, and hR2 RNR Inhibition. Inorganic Chemistry, 2014, 53, 12595-12609.	1.9	24
68	Ruthenium(II)â€“arene complexes with substituted picolinato ligands: Synthesis, structure, spectroscopic properties and antiproliferative activity. Journal of Organometallic Chemistry, 2014, 749, 343-349.	0.8	22
69	Copper(II) complexes with 1,5-bis(2-hydroxybenzaldehyde)carbohydrazone. Polyhedron, 2014, 80, 180-192.	1.0	9
70	Î¼â€Chloridoâ€Bridged Dimanganese(II) Complexes of the Schiff Base Derived from [2+2] Condensation of 2,6â€Diformylâ€4â€methylphenol and 1,3â€Bis(3â€aminopropyl)tetramethyldisiloxane: Structure, Magnetism, Electrochemical Behaviour, and Catalytic Oxidation of Secondary Alcohols. European Journal of Inorganic Chemistry, 2014, 2014, 120-131.	1.0	48
71	Synthesis, X-ray structure and strong inÂvitro cytotoxicity of novel organoruthenium complexes. Journal of Organometallic Chemistry, 2014, 749, 142-149.	0.8	7
72	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. Inorganic Chemistry, 2014, 53, 2718-2729.	1.9	35

#	Article	IF	Citations
73	Tetranuclear Copper(II) Complexes with Macrocyclic and Openâ€Chain Disiloxane Ligands as Catalyst Precursors for Hydrocarboxylation and Oxidation of Alkanes and 1â€Phenylethanol. European Journal of Inorganic Chemistry, 2014, 2014, 4946-4956.	1.0	35
74	Strategy to Optimize the Biological Activity of Arene Ruthenium Metalla-Assemblies. Organometallics, 2014, 33, 3813-3822.	1.1	36
75	Picture change error in quasirelativistic electron/spin density, Laplacian and bond critical points. Chemical Physics, 2014, 438, 37-47.	0.9	14
76	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]quinolineâ€"Piperazine Hybrids. Inorganic Chemistry, 2014, 53, 6934-6943.	1.9	27
77	Hexanuclear and undecanuclear iron(iii) carboxylates as catalyst precursors for cyclohexane oxidation. Dalton Transactions, 2013, 42, 14388.	1.6	29
78	Dicopper(II) and Dizinc(II) Complexes with Nonsymmetric Dinucleating Ligands Based on Indolo[3,2-c]quinolines: Synthesis, Structure, Cytotoxicity, and Intracellular Distribution. Inorganic Chemistry, 2013, 52, 10137-10146.	1.9	22
79	Identification of the Structural Determinants for Anticancer Activity of a Ruthenium Arene Peptide Conjugate. Chemistry - A European Journal, 2013, 19, 9297-9307.	1.7	58
80	A highly cytotoxic modified paullone ligand bearing a TEMPO free-radical unit and its copper(ii) complex as potential hR2 RNR inhibitors. Chemical Communications, 2013, 49, 10007.	2.2	18
81	Novel metal(ii) arene 2-pyridinecarbothioamides: a rationale to orally active organometallic anticancer agents. Chemical Science, 2013, 4, 1837.	3.7	111
82	Copper(II) Complexes with Schiff Bases Containing a Disiloxane Unit: Synthesis, Structure, Bonding Features and Catalytic Activity for Aerobic Oxidation of Benzyl Alcohol. European Journal of Inorganic Chemistry, 2013, 2013, 1458-1474.	1.0	58
83	On the Electronic Structure of mer,transâ€[RuCl₃(1Hâ€indazole)₂(NO)], a Hypothetical Metabolite of the Antitumor Drug Candidate KP1019: An Experimental and DFT Study. European Journal of Inorganic Chemistry, 2013, 2013, 2505-2519.	1.0	18
84	Marked Stabilization of Redox States and Enhanced Catalytic Activity in Galactose Oxidase Models Based on Transition Metal S-Methylisothiosemicarbazonates with â^'SR Group in Ortho Position to the Phenolic Oxygen. Inorganic Chemistry, 2013, 52, 7524-7540.	1.9	22
85	Striking Difference in Antiproliferative Activity of Ruthenium- and Osmium-Nitrosyl Complexes with Azole Heterocycles. Inorganic Chemistry, 2013, 52, 6273-6285.	1.9	39
86	Copper(II) Complexes with Highly Water-Soluble <scp>l</scp>- and <scp>d</scp>-Prolineâ€"Thiosemicarbazone Conjugates as Potential Inhibitors of Topoisomerase IIÎ±. Inorganic Chemistry, 2013, 52, 8895-8908.	1.9	56
87	Osmiumâ€Nitrosyl Complexes with Glycine, Picolinic Acid, Â<scp>L</scp>â€Proline and <scp>D</scp>â€Proline: Synthesis, Structures and Antiproliferative Activity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1590-1597.	0.6	8
88	Metalâ€"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. Organometallics, 2013, 32, 903-914.	1.1	57
89	Mechanism Elucidation of the cisâ€"trans Isomerization of an Azole Rutheniumâ€"Nitrosyl Complex and Its Osmium Counterpart. Inorganic Chemistry, 2013, 52, 6260-6272.	1.9	26
90	[³H]Metyrapol and 4-[¹³¹I]Iodometomidate Label Overlapping, but Not Identical, Binding Sites on Rat Adrenal Membranes. Molecular Pharmaceutics, 2013, 10, 1119-1130.	2.3	9

#	Article	IF	Citations
91	Osmium Complexes with Azole Heterocycles as Potential Antitumor Drugs. , 2013, , 1596-1614.		3
92	Photoluminescence of sol-gel silica fiber preform doped with Bismuth-containing heterotrinuclear complex. Optical Materials Express, 2012, 2, 205.	1.6	14
93	Waterâ€Soluble Cationic Derivatives of Indirubin, the Active Anticancer Component from Indigo naturalis. Chemistry and Biodiversity, 2012, 9, 2175-2185.	1.0	5
94	Ruthenium- and osmium-arene complexes of 8-substituted indolo[3,2-c]quinolines: Synthesis, X-ray diffraction structures, spectroscopic properties, and antiproliferative activity. Inorganica Chimica Acta, 2012, 393, 252-260.	1.2	20
95	Catenation control in the two-dimensional coordination polymers based on tritopic carboxylate linkers and azamacrocyclic nickel(ii) complexes. Dalton Transactions, 2012, 41, 4118.	1.6	13
96	Solid State Structural Variations in Copper(II) Complexes of Open-Chain and Macrocyclic Malonamide-Derived Ligands. Crystal Growth and Design, 2012, 12, 4388-4396.	1.4	4
97	Osmium(IV) complexes with 1H- and 2H-indazoles: Tautomer identity versus spectroscopic properties and antiproliferative activity. Journal of Inorganic Biochemistry, 2012, 113, 47-54.	1.5	38
98	A SAR Study of Novel Antiproliferative Ruthenium and Osmium Complexes with Quinoxalinone Ligands in Human Cancer Cell Lines. Journal of Medicinal Chemistry, 2012, 55, 3398-3413.	2.9	98
99	Two Unusual Methylidenecyclopropane Glucosides from Metaxya rostrata C.<scp>Presl</scp>. Helvetica Chimica Acta, 2012, 95, 1531-1537.	1.0	7
100	Ruthenium- and osmium-arene-based paullones bearing a TEMPO free-radical unit as potential anticancer drugs. Chemical Communications, 2012, 48, 8559.	2.2	40
101	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. Journal of Medicinal Chemistry, 2012, 55, 5601-5613.	2.9	36
102	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
103	Biological activity of ruthenium and osmium arene complexes with modified paullones in human cancer cells. Journal of Inorganic Biochemistry, 2012, 116, 180-187.	1.5	59
104	<scp>l</scp>- and <scp>d</scp>-Proline Thiosemicarbazone Conjugates: Coordination Behavior in Solution and the Effect of Copper(II) Coordination on Their Antiproliferative Activity. Inorganic Chemistry, 2012, 51, 9309-9321.	1.9	64
105	Structureâ€“Activity Relationships of Targeted Ru^{II}(Î·⁶-p-Cymene) Anticancer Complexes with Flavonol-Derived Ligands. Journal of Medicinal Chemistry, 2012, 55, 10512-10522.	2.9	132
106	Maleimide-functionalised organoruthenium anticancer agents and their binding to thiol-containing biomolecules. Chemical Communications, 2012, 48, 1475-1477.	2.2	91
107	Interaction of Triapine and related thiosemicarbazones with iron(iii)/(ii) and gallium(iii): a comparative solution equilibrium study. Dalton Transactions, 2011, 40, 5895.	1.6	65
108	Organometallic 3-(1H-Benzimidazol-2-yl)-1H-pyrazolo[3,4-b]pyridines as Potential Anticancer Agents. Inorganic Chemistry, 2011, 50, 11715-11728.	1.9	32

#	Article	IF	Citations
109	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. Inorganic Chemistry, 2011, 50, 12669-12679.	1.9	56
110	Quest for Even Higher Stabilized Foiled Carbenesâ€. Journal of Organic Chemistry, 2011, 76, 7491-7496.	1.7	1
111	Syntheses, Electronic Structures, and EPR/UVâ^'Visâ^'NIR Spectroelectrochemistry of Nickel(II), Copper(II), and Zinc(II) Complexes with a Tetradentate Ligand Based on S-Methylisothiosemicarbazide. Inorganic Chemistry, 2011, 50, 2918-2931.	1.9	43
112	Synthesis, Characterization, and Cytotoxic Activity of Novel Potentially pH-Sensitive Nonclassical Platinum(II) Complexes Featuring 1,3-Dihydroxyacetone Oxime Ligands. Inorganic Chemistry, 2011, 50, 10673-10681.	1.9	34
113	Ruthenium â^' and Osmium â^'Arene Complexes of 2-Substituted Indolo[3,2-c]quinolines: Synthesis, Structure, Spectroscopic Properties, and Antiproliferative Activity. Organometallics, 2011, 30, 273-283.	1.1	55
114	Synthesis and Conformation of Chiral Biheteroaryls. Journal of Organic Chemistry, 2011, 76, 3222-3230.	1.7	10
115	Mono-carboxylated diaminedichloridoplatinum(<scp>iv</scp>) complexes â€“ selective synthesis, characterization, and cytotoxicity. Dalton Transactions, 2011, 40, 8187-8192.	1.6	33
116	En Route to Osmium Analogues of KP1019: Synthesis, Structure, Spectroscopic Properties and Antiproliferative Activity of trans-[Os^{IV}Cl₄(Hazole)₂]. Inorganic Chemistry, 2011, 50, 7690-7697.	1.9	49
117	Ribonucleotide reductase inhibition by metal complexes of Triapine (3-aminopyridine-2-carboxaldehyde) Tj ETQq1 1 0.784314 rgBT /O Biochemistry, 2011, 105, 1422-1431.	1.5	105
118	Lectinâ€“Gd-Loaded Chitosan Hydrogel Nanoparticles: A New Biospecific Contrast Agent for MRI. Molecular Imaging and Biology, 2011, 13, 16-24.	1.3	11
119	Lectin Conjugates as Biospecific Contrast Agents for MRI. Coupling of Lycopersicon esculentum Agglutinin to Linear Water-Soluble DTPA-Loaded Oligomers. Molecular Imaging and Biology, 2011, 13, 432-442.	1.3	12
120	Study of the Structure and Photochemical Decomposition of Azidoadamantanes Entrapped in Î±â€•and Î²â€Cyclodextrin. European Journal of Organic Chemistry, 2011, 2011, 1249-1255.	1.2	14
121	1â€[(E)â€2â€Arylethenyl]â€2,2â€diphenylcyclopropanes: Kinetics and Mechanism of Rearrangement to Cyclopentenes. Helvetica Chimica Acta, 2011, 94, 1359-1388.	1.0	12
122	A quantitative structureâ€“activity approach for lipophilicity estimation of antitumor complexes of different metals using microemulsion electrokinetic chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 409-413.	1.4	17
123	From hydrolytically labile to hydrolytically stable Rullâ€“arene anticancer complexes with carbohydrate-derived co-ligands. Journal of Inorganic Biochemistry, 2011, 105, 224-231.	1.5	65
124	Strategies for the covalent conjugation of a bifunctional chelating agent to albumin: Synthesis and characterization of potential MRI contrast agents. Journal of Inorganic Biochemistry, 2011, 105, 250-255.	1.5	9
125	Abstract 2637: Terminal dimethyl substitution of Triapine leads to activation of CHOP and induction of apoptosis via ER stress in human colon cancer cells. , 2011, , .		0
126	Osmium(ii)â€“versus ruthenium(ii)â€“arene carbohydrate-based anticancer compounds: similarities and differences. Dalton Transactions, 2010, 39, 7345.	1.6	88

#	Article	IF	Citations
127	A modular approach to a new class of phosphinohydrazones and their use in asymmetric allylic alkylation reactions. Tetrahedron: Asymmetry, 2010, 21, 1971-1982.	1.8	21
128	Organometallic indolo[3,2-c]quinolines versus indolo[3,2-d]benzazepines: synthesis, structural and spectroscopic characterization, and biological efficacy. Journal of Biological Inorganic Chemistry, 2010, 15, 903-918.	1.1	51
129	Comparative Solution Equilibrium Study of the Interactions of Copper(II), Iron(II) and Zinc(II) with Triapine (3â€Aminopyridineâ€2â€carbaldehyde Thiosemicarbazone) and Related Ligands. European Journal of Inorganic Chemistry, 2010, 2010, 1717-1728.	1.0	74
130	Heterometallic Cr2/Ag2 1D polymer: Synthesis, structure and properties. Polyhedron, 2010, 29, 2258-2261.	1.0	9
131	Mannich products of kojic acid and N-heterocycles and their Ru(II)â€“arene complexes: Synthesis, characterization and stability. Journal of Organometallic Chemistry, 2010, 695, 875-881.	0.8	26
132	Ruthenium(II)â€“arene complexes with functionalized pyridines: Synthesis, characterization and cytotoxic activity. European Journal of Medicinal Chemistry, 2010, 45, 1051-1058.	2.6	74
133	Is the Reactivity of M(II)â^'Arene Complexes of 3-Hydroxy-2(1H)-pyridones to Biomolecules the Anticancer Activity Determining Parameter?. Inorganic Chemistry, 2010, 49, 7953-7963.	1.9	101
134	Highly Cytotoxic Copper(II) Complexes with Modified Paullone Ligands. Inorganic Chemistry, 2010, 49, 302-311.	1.9	48
135	Efforts toward Distorted Spiropentanesâ€â€¡. Journal of Organic Chemistry, 2010, 75, 7494-7497.	1.7	7
136	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
137	Novel Cis- and Trans-Configured Bis(oxime)platinum(II) Complexes: Synthesis, Characterization, and Cytotoxic Activity. Inorganic Chemistry, 2010, 49, 5669-5678.	1.9	49
138	Structureâ^'Activity Relationships of Highly Cytotoxic Copper(II) Complexes with Modified Indolo[3,2-c]quinoline Ligands. Inorganic Chemistry, 2010, 49, 11084-11095.	1.9	55
139	2H-Azirines from a Concerted Addition of Alkylcarbenes to Nitrile Groups. Organic Letters, 2010, 12, 2366-2369.	2.4	18
140	Fluorescence properties and cellular distribution of the investigational anticancer drugTriapine (3-aminopyridine-2-carboxaldehyde thiosemicarbazone) and its zinc(ii) complex. Dalton Transactions, 2010, 39, 704-706.	1.6	77
141	Synthesis and structures of novel 1-methylcytosinato-bridged (ethylenediamine)platinum(ii) and platinum(iii) dinuclear complexes. Dalton Transactions, 2010, 39, 3633.	1.6	18
142	Maltolâ€Derived Rutheniumâ€“Cymene Complexes with Tumor Inhibiting Properties: The Impact of Ligandâ€“Metal Bond Stability on Anticancer Activity In Vitro. Chemistry - A European Journal, 2009, 15, 12283-12291.	1.7	111
143	1,2,4,5-Tetrakis(diazidomethyl)benzene. Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o240-o242.	0.4	6
144	Stepwise insertion of carbenes into Câ€“H bonds: the case of foiled carbenes. Tetrahedron, 2009, 65, 765-770.	1.0	8

#	Article	IF	Citations
145	Tuning the anticancer activity of maltol-derived ruthenium complexes by derivatization of the 3-hydroxy-4-pyrone moiety. Journal of Organometallic Chemistry, 2009, 694, 922-929.	0.8	64
146	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. Bioorganic and Medicinal Chemistry, 2009, 17, 3388-3393.	1.4	10
147	[Os^{IV}Cl₅(Hazole)]^{â^'} Complexes: Synthesis, Structure, Spectroscopic Properties, and Antiproliferative Activity. Inorganic Chemistry, 2009, 48, 10737-10747.	1.9	21
148	Controllable Selective Functionalization of a Cavitand via Solid State Photolysis of an Encapsulated Phenyl Azide. Organic Letters, 2009, 11, 3056-3058.	2.4	11
149	From Pyrone to Thiopyrone Ligandsâ^'Rendering Maltol-Derived Ruthenium(II)â^'Arene Complexes That Are Anticancer Active in Vitro. Organometallics, 2009, 28, 4249-4251.	1.1	85
150	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
151	Synthesis and structures of palladium(II) and platinum(II) complexes containing heterocyclic thiolate ligands formed by cycloaddition reactions of coordinated azides. Canadian Journal of Chemistry, 2009, 87, 146-150.	0.6	13
152	Synthesis, X-ray diffraction structure, spectroscopic properties and antiproliferative activity of a novel ruthenium complex with constitutional similarity to cisplatin. Dalton Transactions, 2009, , 3334.	1.6	27
153	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. Tetrahedron: Asymmetry, 2008, 19, 97-110.	1.8	29
154	In Vitro Anticancer Activity and Biologically Relevant Metabolization of Organometallic Ruthenium Complexes with Carbohydrateâ€Based Ligands. Chemistry - A European Journal, 2008, 14, 9046-9057.	1.7	111
155	Spontaneous Resolution of a Tripleâ€Stranded Dinickel(II) Helicate Generated via Intermolecular Transamination Reaction ofSâ€Methylisothiocarbohydrazide in the Presence of Ni²⁺. European Journal of Inorganic Chemistry, 2008, 2008, 4140-4145.	1.0	5
156	2â€Methoxyâ€Î”³â€1,3,4â€oxadiazoline, a Multipurpose Precursor for the Generation of a Carbene, an Ylide, or a Diazo Compound. European Journal of Organic Chemistry, 2008, 2008, 5336-5345.	1.2	8
157	Hydrolysis and Cytotoxic Properties of Osmium(II)/(III)-DMSO-Azole Complexes. Short Communication. Chemistry and Biodiversity, 2008, 5, 1588-1593.	1.0	12
158	Novel Endothallâ€Containing Platinum(IV) Complexes: Synthesis, Characterization, and Cytotoxic Activity. Chemistry and Biodiversity, 2008, 5, 2160-2170.	1.0	38
159	Methyl-substituted trans-1,2-cyclohexanediamines as new ligands for oxaliplatin-type complexes. Tetrahedron, 2008, 64, 137-146.	1.0	10
160	Electron-transfer activated metal-based anticancer drugs. Inorganica Chimica Acta, 2008, 361, 1569-1583.	1.2	177
161	Synthesis and structural peculiarities of gallium Complexes with novel paullone derivatives. Open Chemistry, 2008, 6, 340-346.	1.0	5
162	An Electrochemical Study of Antineoplastic Gallium, Iron and Ruthenium Complexes with Redox Noninnocent Î±-N-Heterocyclic Chalcogensemicarbazones. Inorganic Chemistry, 2008, 47, 11032-11047.	1.9	57

#	Article	IF	Citations
163	Intermolecular Reactions of Foiled Carbenes with Nâ^'H Bonds: Evidence for an Ylidic Pathway. Journal of Organic Chemistry, 2008, 73, 6551-6558.	1.7	10
164	Computational Electrochemistry of Ruthenium Anticancer Agents. Unprecedented Benchmarking of Implicit Solvation Methods. Journal of Chemical Theory and Computation, 2008, 4, 499-506.	2.3	31
165	Water-Soluble Mixed-Ligand Ruthenium(II) and Osmium(II) Arene Complexes with High Antiproliferative Activity. Organometallics, 2008, 27, 6587-6595.	1.1	71
166	Synthesis and Reactivity of the Aquation Product of the Antitumor Complex trans-[Ru^{III}Cl₄(indazole)₂]^{â^'}. Inorganic Chemistry, 2008, 47, 6513-6523.	1.9	50
167	Unprecedented twofold intramolecular hydroamination in diam(m)ine-dicarboxylatodichloridoplatinum(iv) complexes â€“ ethane-1,2-diaminevs.ammine ligands. Chemical Communications, 2008, , 1091-1093.	2.2	4
168	Synthesis, Structure, Spectroscopic Properties, and Antiproliferative Activity In Vitro of Novel Osmium(III) Complexes with Azole Heterocycles. Inorganic Chemistry, 2008, 47, 7338-7347.	1.9	32
169	Synthesis, Coordination Behavior, and Use in Asymmetric Hydrogenations of Walphos-Type Ligands. Organometallics, 2008, 27, 1119-1127.	1.1	32
170	Synthesis, Characterization and Crystal Structure of Bis-(2-Hydroxybenzaldehyde)Diaminoguanizone. Chemistry Journal of Moldova, 2008, 3, 119-121.	0.3	1
171	Synthesis of the Cyclobutane Moiety of Providencin. Heterocycles, 2007, 74, 855.	0.4	9
172	Gallium(III) and Iron(III) Complexes of Î±-N-Heterocyclic Thiosemicarbazones:â€‰ Synthesis, Characterization, Cytotoxicity, and Interaction with Ribonucleotide Reductase. Journal of Medicinal Chemistry, 2007, 50, 1254-1265.	2.9	145
173	Highly Antiproliferative Ruthenium(II) and Osmium(II) Arene Complexes with Paullone-Derived Ligands. Organometallics, 2007, 26, 6643-6652.	1.1	134
174	Two new â€œoniumâ€•fluorosilicates, the products of interaction of fluorosilicic acid with 12-membered macrocycles: structures and spectroscopic properties. Dalton Transactions, 2007, , 2915-2924.	1.6	17
175	Synthesis and Use in Asymmetric Hydrogenations of Solely Planar Chiral 1,2-Disubstituted and 1,2,3-Trisubstituted Ferrocenyl Diphosphines:Â A Comparative Study. Organometallics, 2007, 26, 3530-3540.	1.1	21
176	Cope Rearrangement versus a Novel Tandem Retro-Dielsâ^'Alderâ^'Dielsâ^'Alder Reaction with Role Reversalâ€. Organic Letters, 2007, 9, 113-115.	2.4	8
177	Novel Di- and Tetracarboxylatoplatinum(IV) Complexes. Synthesis, Characterization, Cytotoxic Activity, and DNA Platination. Journal of Medicinal Chemistry, 2007, 50, 6692-6699.	2.9	88
178	Osmium NAMI-A Analogues:Â Synthesis, Structural and Spectroscopic Characterization, and Antiproliferative Properties. Inorganic Chemistry, 2007, 46, 5023-5033.	1.9	66
179	The First Ruthenium-Based Paullones:â€‰ Syntheses, X-ray Diffraction Structures, and Spectroscopic and Antiproliferative Properties in Vitro. Inorganic Chemistry, 2007, 46, 3645-3656.	1.9	40
180	Structureâ^'Activity Relationships for NAMI-A-type Complexes (HL)[trans-RuCl4L(S-dmso)ruthenate(III)] (L = Imidazole, Indazole, 1,2,4-Triazole, 4-Amino-1,2,4-triazole, and 1-Methyl-1,2,4-triazole):Â Aquation, Redox Properties, Protein Binding, and Antiproliferative Activity. Journal of Medicinal Chemistry, 2007, 50, 2185-2193.	2.9	206

#	Article	IF	Citations
181	Metal-Based Paullones as Putative CDK Inhibitors for Antitumor Chemotherapy. Journal of Medicinal Chemistry, 2007, 50, 6343-6355.	2.9	86
182	A Dielsâ€“Alder Approach to (â^')-Ovalicin. Angewandte Chemie - International Edition, 2007, 46, 2690-2693.	7.2	29
183	The Complexes [OsCl2(azole)2(dmso)2] and [OsCl2(azole)(dmso)3]: Synthesis, Structure, Spectroscopic Properties and Catalytic Hydration of Chloronitriles. European Journal of Inorganic Chemistry, 2007, 2007, 400-411.	1.0	43
184	Ruthenium(II) Complexes of Thiosemicarbazones: The First Water-Soluble Complex with pH-Dependent Antiproliferative Activity. European Journal of Inorganic Chemistry, 2007, 2007, 2870-2878.	1.0	43
185	Synthesis, Structure, Protolytic Properties, Alkylating and Cytotoxic Activity of Novel Platinum(II) and Palladium(II) Complexes with Pyrazole-Derived Ligands. European Journal of Inorganic Chemistry, 2007, 2007, 3728-3735.	1.0	32
186	(R,R,R)-Tris(2-hydroxy-1-methylethyl)- and (S,S,S)-tris(2-hydroxy-2-methylethyl)phosphine: water-soluble chiral trialkylphosphines with C3-symmetry. Tetrahedron Letters, 2007, 48, 5665-5668.	0.7	4
187	Indenyl complexes of ruthenium containing thiolate ligands. Structure of IndRu(dppe)SPh. Transition Metal Chemistry, 2007, 32, 523-527.	0.7	1
188	Effect of metal ion complexation and chalcogen donor identity on the antiproliferative activity of 2-acetylpyridine N,N-dimethyl(chalcogen)semicarbazones. Journal of Inorganic Biochemistry, 2007, 101, 1946-1957.	1.5	71
189	Antitumour metal compounds: more than theme and variations. Dalton Transactions, 2007, , 183-194.	1.6	767
190	Solvent- and Temperature-Tuned Orientation of Ferrocenyl Azide Inside Î²-Cyclodextrin. Journal of Organic Chemistry, 2006, 71, 3274-3277.	1.7	19
191	The First Metal-Based Paullone Derivative with High Antiproliferative Activity in Vitro. Inorganic Chemistry, 2006, 45, 1945-1950.	1.9	46
192	A Tether Controlledexo-Selective Trans-Annular Dielsâ^'Alder (TADA) Reactionâ€. Organic Letters, 2006, 8, 3849-3851.	2.4	24
193	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
194	A chiral phosphepineâ€“olefin rhodium complex as an efficient catalyst for the asymmetric conjugate addition. Tetrahedron: Asymmetry, 2006, 17, 3084-3090.	1.8	91
195	Effect of allylic and homoallylic substituents on cross metathesis: syntheses of prostaglandins F2Î± and J2. Tetrahedron Letters, 2006, 47, 6689-6693.	0.7	25
196	A Hexanuclear Iron(III) Carboxylate with an [Fe6(Î¼3-O)3(Î¼2-OH)]11+ Core as an Efficient Catalyst for Cycloalkane Oxidation. Angewandte Chemie - International Edition, 2006, 45, 2794-2798.	7.2	47
197	Bis(2-amino alcohol-Îº N)dicarboxylatoplatinum(II) Complexes â€“ Elegant Synthesis via Ring-Opening of Bis(2-amino alcoholato-Îº2N,O)platinum(II) Species with Dicarboxylic Acids. European Journal of Inorganic Chemistry, 2006, 2006, 2476-2483.	1.0	14
198	Synthesis and Characterization of [(1R,2R)-trans-Diaminocyclohexane]platinum(II) Coordinated to Sulfur and Selenium Amino Acids. European Journal of Inorganic Chemistry, 2006, 2006, 3746-3752.	1.0	29

#	Article	IF	Citations
199	1,1'-Bis(oxazolin-2-yl)ferrocenes: An Investigation of Their Complexation Behavior toward [Pd(?3-allyl)Cl]2. European Journal of Inorganic Chemistry, 2005, 2005, 1589-1600.	1.0	14
200	Azine-Bridged Octanuclear Copper(II) Complexes Assembled with a One-Stranded Ditopic Thiocarbohydrazone Ligand. Angewandte Chemie - International Edition, 2005, 44, 7938-7942.	7.2	52
201	Reactions of Potent Antitumor Complex trans-[RuIIICl4(indazole)2]- with a DNA-Relevant Nucleobase and Thioethers:â€‰ Insight into Biological Action. Inorganic Chemistry, 2005, 44, 122-132.	1.9	59
202	Isomeric [RuCl2(dmso)2(indazole)2] complexes: ruthenium(ii)-mediated coupling reaction of acetonitrile with 1H-indazole. Dalton Transactions, 2005, , 2355.	1.6	29
203	Redox-Active Antineoplastic Ruthenium Complexes with Indazole:Â Correlation of in Vitro Potency and Reduction Potential. Journal of Medicinal Chemistry, 2005, 48, 2831-2837.	2.9	156
204	Tuning of Redox Properties for the Design of Ruthenium Anticancer Drugs:Â Part 2. Syntheses, Crystal Structures, and Electrochemistry of Potentially Antitumor [RuIII/IICl6-n(Azole)n]z(n= 3, 4, 6) Complexesâ€. Inorganic Chemistry, 2005, 44, 6704-6716.	1.9	77
205	Macrocyclic and Open-Chain CuII-4f (4f = GdIII, CeIII) Complexes with Planar Diamino Chains: Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2004, 2004, 1530-1537.	1.0	44
206	Synthesis, crystal structure and pH dependent cytotoxicity of (SP-4-2)-bis(2-aminoethanolato-Î²2N,O)platinum(II) â€“ a representative of novel pH sensitive anticancer platinum complexes. Inorganica Chimica Acta, 2004, 357, 3237-3244.	1.2	46
207	Synthesis, crystal structure and cytotoxicity of new oxaliplatin analogues indicating that improvement of anticancer activity is still possible. European Journal of Medicinal Chemistry, 2004, 39, 707-714.	2.6	51
208	Tuning of Redox Potentials for the Design of Ruthenium Anticancer Drugs â^' an Electrochemical Study of [trans-RuCl4L(DMSO)]-and [trans-RuCl4L2]-Complexes, where L = Imidazole, 1,2,4-Triazole, Indazole. Inorganic Chemistry, 2004, 43, 7083-7093.	1.9	159
209	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
210	Bis(2-aminobutanol)dichloroplatinum(II) Complexes and Their Singly and Doubly Ring-Closed Butanolato Species â^' Novel Prodrugs for Platinum-Based Antitumour Chemotherapy?. European Journal of Inorganic Chemistry, 2003, 2003, 2619-2625.	1.0	19
211	Crystallographic report: Crystal structure of 1-bromo-1?-[(2S)-N-(1-hydroxy-3-methylbutane-2-yl)]-ferroceneamide. Applied Organometallic Chemistry, 2003, 17, 723-724.	1.7	0
212	Bis(aminoalcohol)dichloroplatinum(II) complexes and their mono and double ring-closed alcoholato species. Novel prodrugs for platinum based antitumor chemotherapy. Journal of Inorganic Biochemistry, 2003, 96, 93.	1.5	0
213	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
214	Synthesis, X-ray Diffraction Structures, Spectroscopic Properties, and in vitro Antitumor Activity of Isomeric (1H-1,2,4-Triazole)Ru(III) Complexes. Inorganic Chemistry, 2003, 42, 6024-6031.	1.9	94
215	Synthesis, crystal structures, and electrospray ionisation mass spectrometry investigations of ether- and thioether-substituted ferrocenes. Dalton Transactions, 2003, , 3098.	1.6	8
216	Novel glucose-ferrocenyl derivatives: synthesis and properties. New Journal of Chemistry, 2002, 26, 671-673.	1.4	28

#	Article	IF	Citations
217	Multi-temperature X-ray diffraction, MÃ¶ssbauer spectroscopy and magnetic susceptibility studies of a solvated mixed-valence trinuclear iron formate, [Fe3O(HCO2)6(NC5H4CH3)3]Â·1.3(NC5H4CH3). Dalton Transactions RSC, 2002, , 2981.	2.3	19
218	Synthesis, structure, spectroscopic and in vitro antitumour studies of a novel gallium(III) complex with 2-acetylpyridine 4N-dimethylthiosemicarbazone. Journal of Inorganic Biochemistry, 2002, 91, 298-305.	1.5	97
219	Synthesis of ferrocenylglucose phosphonite and bisphosphinite: Pd(II) and Pt(II) complexes, Pd-catalyzed allylic alkylation. Tetrahedron, 2002, 58, 8489-8492.	1.0	23
220	Potassium-controlled synthesis of heterotopic macrocycles based on isothiosemicarbazide. Inorganica Chimica Acta, 2002, 328, 123-133.	1.2	14
221	Crystal Structure, MÃ¶ssbauer Spectra, and Thermal Behavior of H2Fe(CO)2[P(OPh)3]2. Inorganic Chemistry, 2001, 40, 2628-2630.	1.9	13
222	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. Inorganica Chimica Acta, 2001, 313, 30-36.	1.2	19
223	Oxovanadium(IV) and oxovanadium(IV)-barium(II) complexes with heterotopic macrocyclic ligands based on isothiosemicarbazide. Inorganica Chimica Acta, 2001, 317, 33-44.	1.2	28
224	Heterodinucleating macrocyclic compounds designed for electrochemical recognition. Electrochimica Acta, 2001, 46, 2733-2740.	2.6	11
225	MIXED MACROCYCLIC COORDINATION COMPOUNDS CONTAINING THIOSEMICARBAZIDE AND CROWN-ETHER MOIETIES (SYNTHESIS, STRUCTURE AND PROPERTIES). Reviews in Inorganic Chemistry, 2001, 21, 1-42.	1.8	23
226	New metallomacrocyclic complexes based on acetamidrazone. Inorganica Chimica Acta, 2000, 303, 228-237.	1.2	7
227	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. Inorganica Chimica Acta, 1998, 282, 61-70.	1.2	16
228	Anion recognition by nickel(II) and cobalt(III) complexes with quadridentate ligands based on isothiosemicarbazide. Polyhedron, 1998, 18, 451-458.	1.0	9
229	Synthesis, Structure, Magnetism, and Spectroscopic Properties of Some Mono- and Dinuclear Nickel Complexes Containing Noninnocent Pentane-2,4-dione Bis(S-alkylisothiosemicarbazonate)-Derived Ligands. Inorganic Chemistry, 1997, 36, 661-669.	1.9	34
230	Unusual Complexation Behavior of Metallomacrocycles Based on Isothiosemicarbazides with Respect to Alkali and Alkaline Earth Metal Ions: Novel 2:1 Associates. Chemische Berichte, 1995, 128, 1089-1093.	0.2	7
231	Synthesis and structure of metallomacrocycles based on isothiosemicarbazides. Inorganica Chimica Acta, 1995, 238, 23-33.	1.2	12
232	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(ethylsulphonyl)-1,2,4,8,10,11-hexaazacyclotetra-deca-2,4,6,9,12,14- hexaenato(2-)-N1, N4, N8, N11]nickel(II). Polyhedron, 1995, 14, 571-577.	1.0	10
233	Transition metal complexes with the thiosemicarbazide-based ligandsâ€”XXIII. Synthesis, physicochemical properties and voltammetric characterization of iron(III) complexes with terdentate and quadridentate thiosemicarbazide derivatives. Polyhedron, 1994, 13, 3005-3014.	1.0	32
234	Template synthesis, structure and properties of a bis(macrocyclic) dinickel(II) complex based on a 14-membered hexaaza unit. Journal of the Chemical Society Dalton Transactions, 1994, , 1913.	1.1	19

#	Article	IF	Citations
235	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. Transition Metal Chemistry, 1993, 18, 309-311.	0.7	10
236	Synthesis, geometrical and electronic structure of iron mononitrosyl complexes with bis(S-alkylisothiosemicarbazones) of Î²-dicarbonyl compounds. Inorganica Chimica Acta, 1992, 202, 173-181.	1.2	15