

Michael A Jakupiec

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.

190 papers	11,111 citations	55 h-index	100 g-index
196 ext. papers	11,956 ext. citations	4.6 avg, IF	5.96 L-index

#	Paper	IF	Citations
190	Systematic Study on the Cytotoxic Potency of Commonly Used Dimeric Metal Precursors in Human Cancer Cell Lines.. <i>ChemistryOpen</i> , 2022 , e202200019	2.3	2
189	KP772 overcomes multiple drug resistance in malignant lymphoma and leukemia cells in vitro by inducing Bcl-2-independent apoptosis and upregulation of Harakiri. <i>Journal of Biological Inorganic Chemistry</i> , 2021 , 26, 897-907	3.7	
188	Tridentate 3-Substituted Naphthoquinone Ruthenium Arene Complexes: Synthesis, Characterization, Aqueous Behavior, and Theoretical and Biological Studies. <i>Inorganic Chemistry</i> , 2021 , 60, 9805-9819	5.1	2
187	Morpho-metabotyping the oxidative stress response. <i>Scientific Reports</i> , 2021 , 11, 15471	4.9	3
186	Nano-scale imaging of dual stable isotope labeled oxaliplatin in human colon cancer cells reveals the nucleolus as a putative node for therapeutic effect. <i>Nanoscale Advances</i> , 2021 , 3, 249-262	5.1	2
185	Highly Aromatic Flavan-3-ol Derivatives from Palaeotropical Buch.-Ham Possess Radical Scavenging and Antiproliferative Properties. <i>Molecules</i> , 2021 , 26,	4.8	2
184	Water-soluble trithiolato-bridged dinuclear ruthenium(II) and osmium(II) arene complexes with bisphosphonate functionalized ligands as anticancer organometallics. <i>Journal of Inorganic Biochemistry</i> , 2021 , 225, 111618	4.2	
183	Multifunctional Pt(IV) prodrug candidates featuring the carboplatin core and deferoxamine. <i>Dalton Transactions</i> , 2021 , 50, 8167-8178	4.3	1
182	Introducing -, -, and -donor leaving groups: an investigation of the chemical and biological properties of ruthenium, rhodium and iridium thiopyridone piano stool complexes. <i>Dalton Transactions</i> , 2020 , 49, 15693-15711	4.3	7
181	Biological evaluation of novel thiomaltol-based organometallic complexes as topoisomerase II β inhibitors. <i>Journal of Biological Inorganic Chemistry</i> , 2020 , 25, 451-465	3.7	8
180	Tetra-(-tolyl)antimony(III)-Containing Heteropolytungstates, [((-tolyl)Sb)(-XWO)] (X = P, As, or Ge): Synthesis, Structure, and Study of Antibacterial and Antitumor Activity. <i>Inorganic Chemistry</i> , 2020 , 59, 2978-2987	5.1	10
179	Novel phthiocol-based organometallics with tridentate coordination motif and their unexpected cytotoxic behaviour. <i>Dalton Transactions</i> , 2020 , 49, 1393-1397	4.3	5
178	Synthesis, Modification, and Biological Evaluation of a Library of Novel Water-Soluble Thiopyridone-Based Organometallic Complexes and Their Unexpected (Biological) Behavior. <i>Chemistry - A European Journal</i> , 2020 , 26, 5419-5433	4.8	8
177	Investigations on the Anticancer Potential of Benzothiazole-Based Metallacycles. <i>Frontiers in Chemistry</i> , 2020 , 8, 209	5	3
176	Plecstatin-1 induces an immunogenic cell death signature in colorectal tumour spheroids. <i>Metallomics</i> , 2020 , 12, 2121-2133	4.5	8
175	Naphthoquinones of natural origin: Aqueous chemistry and coordination to half-sandwich organometallic cations. <i>Journal of Organometallic Chemistry</i> , 2020 , 907, 121070	2.3	3
174	First insights into the novel class of organometallic compounds bearing a bidentate selenopyridone coordination motif: Synthesis, characterization, stability and biological investigations. <i>Inorganica Chimica Acta</i> , 2020 , 513, 119919	2.7	5

173	The First Anticancer Tris(pyrazolyl)borate Molybdenum(IV) Complexes: Tested in Vitro and in Vivo-A Comparison of O,O-, S,O-, and N,N-Chelate Effects. <i>Chemistry - A European Journal</i> , 2020 , 26, 2211-2221	4.8	3
172	Preclinical studies on metal based anticancer drugs as enabled by integrated metallomics and metabolomics. <i>Metallomics</i> , 2019 , 11, 1716-1728	4.5	8
171	Synthesis, Characterization, Cytotoxicity, and Time-Dependent NMR Spectroscopic Studies of (SP-4-3)-Oxalato[(1R,2R,4R/1S,2S,4S)-(4-trifluoromethyl-cyclohexane-1,2-diamine)]platinum(II). <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 856-864	2.3	2
170	Heart-cut 2DSEC-RP-LC-ICP-MS as a screening tool in metal-based anticancer research. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 1279-1286	3.7	4
169	Synthesis, characterization, lipophilicity and cytotoxic properties of novel bis(carboxylato)oxalatobis(1-propylamine)platinum(IV) complexes. <i>Inorganica Chimica Acta</i> , 2019 , 491, 76-83	2.7	1
168	First-in-class ruthenium anticancer drug (KP1339/IT-139) induces an immunogenic cell death signature in colorectal spheroids in vitro. <i>Metallomics</i> , 2019 , 11, 1044-1048	4.5	56
167	Synthesis, characterization, cytotoxic activity, and 19F NMR spectroscopic investigations of (OC-6-33)-diacetato(ethane-1,2-diamine)bis(3,3,3-trifluoropropanoato)platinum(IV) and its platinum(II) counterpart. <i>Inorganica Chimica Acta</i> , 2019 , 490, 190-199	2.7	2
166	Fine-Tuning the Activation Mode of an 1,3-Indandione-Based Ruthenium(II)-Cymene Half-Sandwich Complex by Variation of Its Leaving Group. <i>Molecules</i> , 2019 , 24,	4.8	5
165	Single Spheroid Metabolomics: Optimizing Sample Preparation of Three-Dimensional Multicellular Tumor Spheroids. <i>Metabolites</i> , 2019 , 9,	5.6	7
164	N- and S-donor leaving groups in triazole-based ruthena(ii)cycles: potent anticancer activity, selective activation, and mode of action studies. <i>Dalton Transactions</i> , 2018 , 47, 4625-4638	4.3	16
163	Design, synthesis, nuclear localization, and biological activity of a fluorescent duocarmycin analog, HxTfA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1342-1347	2.9	2
162	Rollover Cyclometalated Bipyridine Platinum Complexes as Potent Anticancer Agents: Impact of the Ancillary Ligands on the Mode of Action. <i>Inorganic Chemistry</i> , 2018 , 57, 2851-2864	5.1	28
161	The Impact of Leaving Group Variation on the Anticancer Activity of Molybdenocenes. <i>Organometallics</i> , 2018 , 37, 3909-3916	3.8	2
160	{Ru(CO)}-Core complexes with benzimidazole ligands: synthesis, X-ray structure and evaluation of anticancer activity in vivo. <i>Dalton Transactions</i> , 2017 , 46, 3025-3040	4.3	23
159	Comparative studies of oxaliplatin-based platinum(iv) complexes in different in vitro and in vivo tumor models. <i>Metallomics</i> , 2017 , 9, 309-322	4.5	40
158	Impact of the equatorial coordination sphere on the rate of reduction, lipophilicity and cytotoxic activity of platinum(IV) complexes. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 119-129	4.2	22
157	Post-digestion stabilization of osmium enables quantification by ICP-MS in cell culture and tissue. <i>Analyst, The</i> , 2017 , 142, 2327-2332	5	13
156	An Organoruthenium Anticancer Agent Shows Unexpected Target Selectivity For Plectin. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8267-8271	16.4	71

155	Amidoxime platinum(II) complexes: pH-dependent highly selective generation and cytotoxic activity. <i>New Journal of Chemistry</i> , 2017 , 41, 6840-6848	3.6	8
154	Functionalization of Ruthenium(II)(η^5 -cymene)(3-hydroxy-2-pyridone) Complexes with (Thio)Morpholine: Synthesis and Bioanalytical Studies. <i>ChemPlusChem</i> , 2017 , 82, 841-847	2.8	12
153	Introducing the 4-Phenyl-1,2,3-Triazole Moiety as a Versatile Scaffold for the Development of Cytotoxic Ruthenium(II) and Osmium(II) Arene Cyclometalates. <i>Inorganic Chemistry</i> , 2017 , 56, 528-541	5.1	42
152	Platinum(IV) Complexes Featuring Axial Michael Acceptor Ligands [Synthesis, Characterization, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4049-4054	2.3	11
151	Synthesis and in vivo anticancer evaluation of poly(organo)phosphazene-based metallodrug conjugates. <i>Dalton Transactions</i> , 2017 , 46, 12114-12124	4.3	25
150	Antiproliferative Copper(II) and Platinum(II) Complexes with Bidentate N,N-Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3115-3124	2.3	11
149	Innenrücktitelbild: Ein Organoruthenium-Tumorthapeutikum mit unerwartet hoher Selektivität für Plectin (Angew. Chem. 28/2017). <i>Angewandte Chemie</i> , 2017 , 129, 8415-8415	3.6	
148	Ein Organoruthenium-Tumorthapeutikum mit unerwartet hoher Selektivität für Plectin. <i>Angewandte Chemie</i> , 2017 , 129, 8379-8383	3.6	11
147	Trends and Perspectives of Ruthenium Anticancer Compounds (Non-PDT) 2017 , 271-291		2
146	Comparative equilibrium and structural studies of new pentamethylcyclopentadienyl rhodium complexes bearing (O,N) donor bidentate ligands. <i>Journal of Organometallic Chemistry</i> , 2017 , 846, 287-293	2.3	9
145	Low-Generation Polyamidoamine Dendrimers as Drug Carriers for Platinum(IV) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1713-1720	2.3	15
144	Thiomaltol-Based Organometallic Complexes with 1-Methylimidazole as Leaving Group: Synthesis, Stability, and Biological Behavior. <i>Chemistry - A European Journal</i> , 2016 , 22, 17269-17281	4.8	25
143	Flavonoid-Based Organometallics with Different Metal Centers [Investigations of the Effects on Reactivity and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 240-246	2.3	19
142	The role of the equatorial ligands for the redox behavior, mode of cellular accumulation and cytotoxicity of platinum(IV) prodrugs. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 264-74	4.2	36
141	Behavior of platinum(IV) complexes in models of tumor hypoxia: cytotoxicity, compound distribution and accumulation. <i>Metallomics</i> , 2016 , 8, 422-33	4.5	32
140	LA-ICP-MS imaging in multicellular tumor spheroids - a novel tool in the preclinical development of metal-based anticancer drugs. <i>Metallomics</i> , 2016 , 8, 398-402	4.5	36
139	Biological properties of novel ruthenium- and osmium-nitrosyl complexes withazole heterocycles. <i>Journal of Biological Inorganic Chemistry</i> , 2016 , 21, 347-56	3.7	20
138	Cytotoxicity and preliminary mode of action studies of novel 2-aryl-4-thiopyrone-based organometallics. <i>Dalton Transactions</i> , 2016 , 45, 724-33	4.3	15

137	Molecular mode of action of NKP-1339 - a clinically investigated ruthenium-based drug - involves ER- and ROS-related effects in colon carcinoma cell lines. <i>Investigational New Drugs</i> , 2016 , 34, 261-8	4.3	70
136	Towards targeting anticancer drugs: ruthenium(ii)-arene complexes with biologically active naphthoquinone-derived ligand systems. <i>Dalton Transactions</i> , 2016 , 45, 13091-103	4.3	38
135	Solution equilibria and antitumor activities of pentamethylcyclopentadienyl rhodium complexes of picolinic acid and deferiprone. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 1583-1601	1.6	20
134	Three-dimensional and co-culture models for preclinical evaluation of metal-based anticancer drugs. <i>Investigational New Drugs</i> , 2015 , 33, 835-47	4.3	36
133	Influence of reducing agents on the cytotoxic activity of platinum(IV) complexes: induction of G2/M arrest, apoptosis and oxidative stress in A2780 and cisplatin resistant A2780cis cell lines. <i>Metallomics</i> , 2015 , 7, 1078-90	4.5	31
132	Target profiling of an antimetastatic RAPTA agent by chemical proteomics: relevance to the mode of action. <i>Chemical Science</i> , 2015 , 6, 2449-2456	9.4	105
131	Bis- and Tris(carboxylato)platinum(IV) Complexes with Mixed Am(m)ine Ligands in the trans Position Exhibiting Exceptionally High Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1700-1708	2.3	4
130	Complexes of N-hydroxyethyl-N-benzimidazolylmethylethylenediaminediacetic acid with group 12 metals and vanadium-Synthesis, structure and bioactivity of the vanadium complex. <i>Journal of Inorganic Biochemistry</i> , 2015 , 147, 147-52	4.2	13
129	The rearrangement of tosylated flavones to 1?-(alkylamino)aurones with primary amines. <i>Tetrahedron</i> , 2015 , 71, 8953-8959	2.4	8
128	Tetracarboxylatoplatinum(IV) complexes featuring monodentate leaving groups - A rational approach toward exploiting the platinum(IV) prodrug strategy. <i>Journal of Inorganic Biochemistry</i> , 2015 , 153, 259-271	4.2	19
127	Organometallic complexes of (thio)allomaltol-based Mannich-products: Synthesis, stability and preliminary biological investigations. <i>Journal of Organometallic Chemistry</i> , 2015 , 782, 69-76	2.3	13
126	Expanding on the Structural Diversity of Flavone- Derived RutheniumII(η -arene) Anticancer Agents 2015 , 1,		12
125	Bis- and Tetrakis(carboxylato)platinum(IV) complexes with mixed axial ligands - synthesis, characterization, and cytotoxicity. <i>Chemistry and Biodiversity</i> , 2015 , 12, 559-74	2.5	6
124	1,3-Dioxoindan-2-carboxamides as Bioactive Ligand Scaffolds for the Development of Novel Organometallic Anticancer Drugs. <i>Organometallics</i> , 2015 , 34, 848-857	3.8	22
123	Guanidine platinum(II) complexes: synthesis, in vitro antitumor activity, and DNA interactions. <i>Journal of Inorganic Biochemistry</i> , 2014 , 133, 33-9	4.2	28
122	NanoSIMS combined with fluorescence microscopy as a tool for subcellular imaging of isotopically labeled platinum-based anticancer drugs. <i>Chemical Science</i> , 2014 , 5, 3135	9.4	71
121	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
120	A novel class of bis- and tris-chelate diam(m)inebis(dicarboxylato)platinum(IV) complexes as potential anticancer prodrugs. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 6751-64	8.3	39

119	NKP-1339, the first ruthenium-based anticancer drug on the edge to clinical application. <i>Chemical Science</i> , 2014 , 5, 2925-2932	9.4	456
118	Antitumor pentamethylcyclopentadienyl rhodium complexes of maltol and allomaltol: synthesis, solution speciation and bioactivity. <i>Journal of Inorganic Biochemistry</i> , 2014 , 134, 57-65	4.2	64
117	Aqueous chemistry and antiproliferative activity of a pyrone-based phosphoramidate Ru(arene) anticancer agent. <i>Dalton Transactions</i> , 2014 , 43, 9851-5	4.3	7
116	{Ru(CO) _x }-core complexes with selected azoles: Synthesis, X-ray structure, spectroscopy, DFT analysis and evaluation of cytotoxic activity against human cancer cells. <i>Polyhedron</i> , 2014 , 81, 227-237	2.7	18
115	Platinum(IV) Complexes Featuring One or Two Axial Ferrocene Bearing Ligands: Synthesis, Characterization, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 484-492	2.3	19
114	Triapine and a more potent dimethyl derivative induce endoplasmic reticulum stress in cancer cells. <i>Molecular Pharmacology</i> , 2014 , 85, 451-9	4.3	30
113	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
112	Influence of extracellular pH on the cytotoxicity, cellular accumulation, and DNA interaction of novel pH-sensitive 2-aminoalcoholatoplatinum(II) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2013 , 18, 249-60	3.7	14
111	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
110	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
109	X-ray absorption near edge structure spectroscopy to resolve the in vivo chemistry of the redox-active indazolium trans-[Tetrachlorobis(1H-indazole)ruthenate(III)] (KP1019). <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 1182-96	8.3	46
108	Novel metal(II) arene 2-pyridinecarbothioamides: a rationale to orally active organometallic anticancer agents. <i>Chemical Science</i> , 2013 , 4, 1837	9.4	95
107	3-Hydroxyflavones vs. 3-hydroxyquinolinones: structure-activity relationships and stability studies on Ru(II)(arene) anticancer complexes with biologically active ligands. <i>Dalton Transactions</i> , 2013 , 42, 6193-202	4.3	71
106	Theoretical investigations and density functional theory based quantitative structure-activity relationships model for novel cytotoxic platinum(IV) complexes. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 330-44	8.3	69
105	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
104	Bulky N,N)-(di)alkylethane-1,2-diamineplatinum(II) compounds as precursors for generating unsymmetrically substituted platinum(IV) complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 8151-62	5.1	28
103	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
102	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

101	Organometallic anticancer complexes of lapachol: metal centre-dependent formation of reactive oxygen species and correlation with cytotoxicity. <i>Chemical Communications</i> , 2013 , 49, 3348-50	5.8	116
100	Am(m)ines make the difference: organoruthenium am(m)ine complexes and their chemistry in anticancer drug development. <i>Chemistry - A European Journal</i> , 2013 , 19, 4308-18	4.8	29
99	Influence of the π -coordinated arene on the anticancer activity of ruthenium(II) carbohydrate organometallic complexes. <i>Frontiers in Chemistry</i> , 2013 , 1, 27	5	16
98	Cellular accumulation and DNA interaction studies of cytotoxic trans-platinum anticancer compounds. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 465-74	3.7	49
97	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
96	Novel oximate-bridged platinum(II) di- and trimer(s): synthetic, structural, and in vitro anticancer activity studies. <i>Inorganic Chemistry</i> , 2012 , 51, 7153-63	5.1	17
95	Ruthenium- and osmium-arene complexes of 8-substituted indolo[3,2-]quinolines: Synthesis, X-ray diffraction structures, spectroscopic properties, and antiproliferative activity. <i>Inorganica Chimica Acta</i> , 2012 , 393, 252-260	2.7	20
94	Solid-phase synthesis of oxaliplatin-TAT peptide bioconjugates. <i>Dalton Transactions</i> , 2012 , 41, 3001-5	4.3	57
93	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
92	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
91	Diamminetetakis(carboxylato)platinum(IV) complexes--synthesis, characterization, and cytotoxicity. <i>Chemistry and Biodiversity</i> , 2012 , 9, 1840-8	2.5	10
90	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
89	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
88	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
87	Unsymmetric mono- and dinuclear platinum(IV) complexes featuring an ethylene glycol moiety: synthesis, characterization, and biological activity. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 11052-61	8.3	32
86	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
85	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
84	Novel tetracarboxylatoplatinum(IV) complexes as carboplatin prodrugs. <i>Dalton Transactions</i> , 2012 , 41, 14404-15	4.3	68

83	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
82	Anticancer activity of methyl-substituted oxaliplatin analogs. <i>Molecular Pharmacology</i> , 2012 , 81, 719-28	4.3	39
81	Maleimide-functionalised organoruthenium anticancer agents and their binding to thiol-containing biomolecules. <i>Chemical Communications</i> , 2012 , 48, 1475-7	5.8	82
80	Physicochemical Studies and Anticancer Potency of Ruthenium η^5 -Cymene Complexes Containing Antibacterial Quinolones. <i>Organometallics</i> , 2011 , 30, 2506-2512	3.8	101
79	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
78	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
77	Ruthenium and Other Non-Platinum Anticancer Compounds 2011 , 151-174		39
76	Mono-carboxylated diaminedichloridoplatinum(IV) complexes--selective synthesis, characterization, and cytotoxicity. <i>Dalton Transactions</i> , 2011 , 40, 8187-92	4.3	31
75	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
74	Synthesis and characterization of novel bis(carboxylato)dichloridobis(ethylamine)platinum(IV) complexes with higher cytotoxicity than cisplatin. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 5456-64	6.8	59
73	Influence of ascorbic acid on the activity of the investigational anticancer drug KP1019. <i>Journal of Biological Inorganic Chemistry</i> , 2011 , 16, 1205-15	3.7	20
72	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
71	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
70	Synthesis, structures and in vitro cytotoxicity of some cationic cis-platinum(II) complexes containing chelating thiocarbamates. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 462-6	4.2	10
69	Tuning of lipophilicity and cytotoxic potency by structural variation of anticancer platinum(IV) complexes. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 46-51	4.2	94
68	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
67	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
66	{{(1R,2R,4R)-4-methyl-1,2-cyclohexanediamine}oxalatoplatinum(II): a novel enantiomerically pure oxaliplatin derivative showing improved anticancer activity in vivo. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 7356-64	8.3	43

65	Highly cytotoxic copper(II) complexes with modified paullone ligands. <i>Inorganic Chemistry</i> , 2010 , 49, 3025-31	5.1	41
64	Influence of the Arene Ligand and the Leaving Group on the Anticancer Activity of (Thio)maltol Ruthenium(II)(π -Arene) Complexes. <i>Australian Journal of Chemistry</i> , 2010 , 63, 1521	1.2	30
63	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
62	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
61	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
60	Osmium(II)-versus ruthenium(II)-arene carbohydrate-based anticancer compounds: similarities and differences. <i>Dalton Transactions</i> , 2010 , 39, 7345-52	4.3	81
59	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
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