

Ingo Ott

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181
papers

9,683
citations

47
h-index

92
g-index

192
ext. papers

10,689
ext. citations

4.9
avg, IF

6.48
L-index

#	Paper	IF	Citations
181	Organometallic anticancer compounds. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 3-25	8.3	1253
180	On the medicinal chemistry of gold complexes as anticancer drugs. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1670-1681	23.2	622
179	N-Heterocyclic carbene metal complexes in medicinal chemistry. <i>Dalton Transactions</i> , 2013 , 42, 3269-84	4.3	424
178	Non platinum metal complexes as anti-cancer drugs. <i>Archiv Der Pharmazie</i> , 2007 , 340, 117-26	4.3	424
177	Benzimidazol-2-ylidene gold(I) complexes are thioredoxin reductase inhibitors with multiple antitumor properties. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 8608-18	8.3	262
176	Molecular and cellular characterization of the biological effects of ruthenium(II) complexes incorporating 2-pyridyl-2-pyrimidine-4-carboxylic acid. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20376-87	16.4	242
175	Cellular uptake, cytotoxicity, and metabolic profiling of human cancer cells treated with ruthenium(II) polypyridyl complexes [Ru(bpy) ₂ (N–N)]Cl ₂ with N–N=bpy, phen, dpq, dppz, and dppn. <i>ChemMedChem</i> , 2008 , 3, 1104-9	3.7	232
174	Photoinduced CO release, cellular uptake and cytotoxicity of a tris(pyrazolyl)methane (tpm) manganese tricarbonyl complex. <i>Chemical Communications</i> , 2008 , 1798-800	5.8	223
173	Comparative in vitro evaluation of N-heterocyclic carbene gold(I) complexes of the benzimidazolylidene type. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 8646-57	8.3	209
172	Antitumor-active cobalt-alkyne complexes derived from acetylsalicylic acid: studies on the mode of drug action. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 622-9	8.3	189
171	A gold(I) phosphine complex containing a naphthalimide ligand functions as a TrxR inhibiting antiproliferative agent and angiogenesis inhibitor. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 763-70	8.3	167
170	Influence of the Polypyridyl (pp) Ligand Size on the DNA Binding Properties, Cytotoxicity and Cellular Uptake of Organoruthenium(II) Complexes of the Type [(β-C6Me6)Ru(L)(pp)] ⁿ⁺ [L = Cl, n = 1; L = (NH ₂) ₂ CS, n = 2]. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3034-3046	2.3	146
169	DNA intercalating Ru(II) polypyridyl complexes as effective photosensitizers in photodynamic therapy. <i>Chemistry - A European Journal</i> , 2014 , 20, 14421-36	4.8	143
168	On the biological properties of alkynyl phosphine gold(I) complexes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8895-9	16.4	138
167	Gold(I) NHC Complexes: Antiproliferative Activity, Cellular Uptake, Inhibition of Mammalian and Bacterial Thioredoxin Reductases, and Gram-Positive Directed Antibacterial Effects. <i>Chemistry - A European Journal</i> , 2017 , 23, 1869-1880	4.8	103
166	Modulation of the biological properties of aspirin by formation of a bioorganometallic derivative. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1160-3	16.4	100
165	Evaluation of arene ruthenium(II) N-heterocyclic carbene complexes as organometallics interacting with thiol and selenol containing biomolecules. <i>Dalton Transactions</i> , 2013 , 42, 1657-66	4.3	99

164	Analysis of the mechanism of action of potent antibacterial hetero-tri-organometallic compounds: a structurally new class of antibiotics. <i>ACS Chemical Biology</i> , 2013 , 8, 1442-50	4.9	99
163	Development of cobalt(3,4-diarylsalen) complexes as tumor therapeutics. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 5837-46	8.3	89
162	TrxR inhibition and antiproliferative activities of structurally diverse gold N-heterocyclic carbene complexes. <i>MedChemComm</i> , 2013 , 4, 942	5	88
161	A spontaneous gold(I)-azide alkyne cycloaddition reaction yields gold-peptide bioconjugates which overcome cisplatin resistance in a p53-mutant cancer cell line. <i>Chemical Science</i> , 2012 , 3, 2062	9.4	82
160	A TrxR inhibiting gold(I) NHC complex induces apoptosis through ASK1-p38-MAPK signaling in pancreatic cancer cells. <i>Molecular Cancer</i> , 2014 , 13, 221	42.1	80
159	Naphthalimide gold(I) phosphine complexes as anticancer metallodrugs. <i>Dalton Transactions</i> , 2009 , 10799-805	4.3	77
158	Cytotoxic half-sandwich rhodium(III) complexes: Polypyridyl ligand influence on their DNA binding properties and cellular uptake. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 2299-2309	2.3	77
157	Comparative studies on the cytotoxicity, cellular and nuclear uptake of a series of chloro gold(I) phosphine complexes. <i>Polyhedron</i> , 2010 , 29, 66-69	2.7	75
156	Sulfur-substituted naphthalimides as photoactivatable anticancer agents: DNA interaction, fluorescence imaging, and phototoxic effects in cultured tumor cells. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 7107-16	3.4	67
155	[N,N'-Bis(salicylidene)-1,2-phenylenediamine]metal complexes with cell death promoting properties. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 711-25	3.7	64
154	Preclinical and clinical studies on the use of platinum complexes for breast cancer treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007 , 7, 95-110	2.2	64
153	Cytotoxic gold(I) N-heterocyclic carbene complexes with phosphane ligands as potent enzyme inhibitors. <i>ChemMedChem</i> , 2014 , 9, 1205-10	3.7	63
152	Dinuclear organoiridium(III) mono- and bis-intercalators with rigid bridging ligands: synthesis, cytotoxicity and DNA binding. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1405-14	4.2	63
151	Insights on the mechanism of thioredoxin reductase inhibition by gold N-heterocyclic carbene compounds using the synthetic linear selenocysteine containing C-terminal peptide hTrxR(488-499): an ESI-MS investigation. <i>Journal of Inorganic Biochemistry</i> , 2014 , 136, 161-9	4.2	62
150	Synthesis and pharmacological evaluation of 1H-imidazoles as ligands for the estrogen receptor and cytotoxic inhibitors of the cyclooxygenase. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 6516-21	8.3	62
149	Cellular uptake quantification of metalated peptide and peptide nucleic acid bioconjugates by atomic absorption spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 955-9	16.4	61
148	Investigations on the effects of cobalt-alkyne complexes on leukemia and lymphoma cells: cytotoxicity and cellular uptake. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 485-9	4.2	60
147	Protease-activatable organometal-Peptide bioconjugates with enhanced cytotoxicity on cancer cells. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1288-96	6.3	59

146	A chemical-biological evaluation of rhodium(I) N-heterocyclic carbene complexes as prospective anticancer drugs. <i>Chemistry - A European Journal</i> , 2013 , 19, 17871-80	4.8	57
145	Synthesis, Cellular Uptake and Biological Activity Against Pathogenic Microorganisms and Cancer Cells of Rhodium and Iridium N-Heterocyclic Carbene Complexes Bearing Charged Substituents. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5547-5554	2.3	57
144	Synthesis, biological activity, and structure-activity relationships for potent cytotoxic rhodium(III) polypyridyl complexes. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3924-33	8.3	55
143	Gold(I) complexes of water-soluble diphos-type ligands: synthesis, anticancer activity, apoptosis and thioredoxin reductase inhibition. <i>Dalton Transactions</i> , 2011 , 40, 9212-20	4.3	53
142	Luminescent alkynyl-gold(I) coumarin derivatives and their biological activity. <i>Dalton Transactions</i> , 2014 , 43, 4426-36	4.3	52
141	Synthesis and biological evaluation of chromium bioorganometallics based on the antibiotic platensimycin lead structure. <i>ChemMedChem</i> , 2009 , 4, 1930-8	3.7	52
140	Ferrocenyl-Coupled N-Heterocyclic Carbene Complexes of Gold(I): A Successful Approach to Multinuclear Anticancer Drugs. <i>Chemistry - A European Journal</i> , 2016 , 22, 18953-18962	4.8	51
139	Biscarbene gold(i) complexes: structure-activity-relationships regarding antibacterial effects, cytotoxicity, TrxR inhibition and cellular bioavailability. <i>MedChemComm</i> , 2017 , 8, 1681-1689	5	49
138	Cytotoxic rhodium(III) and iridium(III) polypyridyl complexes: structure-activity relationships, antileukemic activity, and apoptosis induction. <i>ChemMedChem</i> , 2009 , 4, 177-87	3.7	49
137	Synergistic and additive antiproliferative effects on human leukemia cell lines induced by combining acetylenehexacarbonyldicobalt complexes with the tyrosine kinase inhibitor imatinib. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1903-6	4.2	49
136	A multi-target caffeine derived rhodium(i) N-heterocyclic carbene complex: evaluation of the mechanism of action. <i>Dalton Transactions</i> , 2016 , 45, 13161-8	4.3	48
135	Gold(I) N-heterocyclic carbene complexes with naphthalimide ligands as combined thioredoxin reductase inhibitors and DNA intercalators. <i>ChemMedChem</i> , 2014 , 9, 1794-800	3.7	47
134	Cellular impact and selectivity of half-sandwich organorhodium(III) anticancer complexes and their organoiridium(III) and trichloridorhodium(III) counterparts. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 631-46	3.7	46
133	Development of a method for the quantification of the molar gold concentration in tumour cells exposed to gold-containing drugs. <i>ChemMedChem</i> , 2007 , 2, 702-7	3.7	46
132	Cisplatin and Oxaliplatin: Our Current Understanding of Their Actions. <i>Metal Ions in Life Sciences</i> , 2018 , 18,	2.6	45
131	Alkynyl gold(I) phosphane complexes: Evaluation of structure-activity-relationships for the phosphane ligands, effects on key signaling proteins and preliminary in-vivo studies with a nanoformulated complex. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 140-8	4.2	45
130	Synthesis, cytotoxicity, cellular uptake and influence on eicosanoid metabolism of cobalt-alkyne modified fructoses in comparison to auranofin and the cytotoxic COX inhibitor Co-ASS. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 2282-6	3.9	45
129	A gold(i) biscarbene complex with improved activity as a TrxR inhibitor and cytotoxic drug: comparative studies with different gold metallodrugs. <i>Metallomics</i> , 2019 , 11, 533-545	4.5	44

128	A comparative chemical-biological evaluation of titanium(IV) complexes with a salan or cyclopentadienyl ligand. <i>Chemical Communications</i> , 2013 , 49, 4785-7	5.8	44
127	Metallocene-Modified Uracils: Synthesis, Structure, and Biological Activity. <i>Organometallics</i> , 2013 , 32, 5766-5773	3.8	44
126	Synthesis and biological activities of transition metal complexes based on acetylsalicylic acid as neo-anticancer agents. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 6889-98	8.3	44
125	Highly Electrophilic, Catalytically Active and Redox-Responsive Cobaltoceniumyl and Ferrocenyl Triazolylidene Coinage Metal Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 3742-3753	4.8	44
124	Caffeine derived platinum(II) N-heterocyclic carbene complexes with multiple anti-cancer activities. <i>Journal of Organometallic Chemistry</i> , 2015 , 782, 37-41	2.3	43
123	Synthesis and DNA-binding properties of apoptosis-inducing cytotoxic half-sandwich rhodium(III) complexes with methyl-substituted polypyridyl ligands. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1023-1031	2.3	42
122	5-Alkynyl-2'-deoxyuridines: chromatography-free synthesis and cytotoxicity evaluation against human breast cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 3082-8	3.4	42
121	Metal complexes with 2-acetylpyridine-N(4)-ortho-chlorophenylthiosemicarbazone: cytotoxicity and effect on the enzymatic activity of thioredoxin reductase and glutathione reductase. <i>European Journal of Medicinal Chemistry</i> , 2014 , 84, 537-44	6.8	41
120	Phosphine-bridged dinuclear gold(I) alkynyl complexes: Thioredoxin reductase inhibition and cytotoxicity. <i>Inorganica Chimica Acta</i> , 2013 , 398, 72-76	2.7	41
119	Metallo-nucleosides: synthesis and biological evaluation of hexacarbonyl dicobalt 5-alkynyl-2'-deoxyuridines. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 73-80	3.9	41
118	Detailed analysis of pro-apoptotic signaling and metabolic adaptation triggered by a N-heterocyclic carbene-gold(I) complex. <i>Metallomics</i> , 2014 , 6, 1591-601	4.5	40
117	Rhodium(I) N-Heterocyclic Carbene Bioorganometallics as in Vitro Antiproliferative Agents with Distinct Effects on Cellular Signaling. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9591-600	8.3	39
116	Preparation and Biological Evaluation of Di-Hetero-Organometallic-Containing PNA Bioconjugates. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5471-5478	2.3	38
115	Comparative biological evaluation of two ethylene linked mixed binuclear ferrocene/ruthenium organometallic species. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 866-9	2.9	38
114	From Catalysis to Cancer: Toward Structure-Activity Relationships for Benzimidazol-2-ylidene-Derived N-Heterocyclic-Carbene Complexes as Anticancer Agents. <i>Inorganic Chemistry</i> , 2018 , 57, 14427-14434	5.1	38
113	Chronic treatment with losartan results in sufficient serum levels of the metabolite EXP3179 for PPARgamma activation. <i>Hypertension</i> , 2009 , 54, 738-43	8.5	37
112	Gold(I) thiotetrazolates as thioredoxin reductase inhibitors and antiproliferative agents. <i>Dalton Transactions</i> , 2015 , 44, 1161-9	4.3	36
111	Cytotoxicity and cellular impact of dinuclear organoiridium DNA intercalators and nucleases with long rigid bridging ligands. <i>Dalton Transactions</i> , 2012 , 41, 5587-98	4.3	36

110	Ber die biologischen Eigenschaften von Alkynyl(phosphan)gold(I)-Komplexen. <i>Angewandte Chemie</i> , 2012 , 124, 9025-9030	3.6	36
109	From catalysts to bioactive organometallics: do Grubbs catalysts trigger biological effects?. <i>ChemMedChem</i> , 2011 , 6, 2142-5	3.7	36
108	Quantification of the fluorine containing drug 5-fluorouracil in cancer cells by GaF molecular absorption via high-resolution continuum source molecular absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012 , 69, 50-55	3.1	35
107	A ruthenocene-PNA bioconjugate--synthesis, characterization, cytotoxicity, and AAS-detected cellular uptake. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1764-74	6.3	35
106	Surfactant protein B labelled with [(99m)Tc(CO)3(H2O)3](+) retains biological activity in vitro. <i>Nuclear Medicine and Biology</i> , 2001 , 28, 243-50	2.1	34
105	Fluorescent organometallic rhodium(I) and ruthenium(II) metallodrugs with 4-ethylthio-1,8-naphthalimide ligands: Antiproliferative effects, cellular uptake and DNA-interaction. <i>European Journal of Medicinal Chemistry</i> , 2018 , 156, 148-161	6.8	34
104	Cellular selectivity and biological impact of cytotoxic rhodium(III) and iridium(III) complexes containing methyl-substituted phenanthroline ligands. <i>ChemMedChem</i> , 2011 , 6, 429-39	3.7	33
103	Anticancer and Antibacterial Activity Studies of Gold(I)-Alkynyl Chromones. <i>Molecules</i> , 2015 , 20, 19699-718	4.8	32
102	Tuning the electronic properties of dppz-ligands and their palladium(II) complexes. <i>Dalton Transactions</i> , 2010 , 39, 4331-40	4.3	32
101	Synthesis, cellular uptake and structure-activity relationships for potent cytotoxic trichloridoiridium(III) polypyridyl complexes. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 1623-30	4.2	32
100	Synthesis, DNA and BSA binding of Pd(II) and Pt(II) complexes featuring tetrazolylacetic acids and their esters. <i>Inorganica Chimica Acta</i> , 2018 , 473, 133-144	2.7	31
99	Organotin complexes containing carboxylate ligands with maleimide and naphthalimide derived partial structures: TrxR inhibition, cytotoxicity and activity in resistant cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 794-800	6.8	31
98	Ferrocenyl bioconjugates of ampicillin and 6-aminopenicillanic acid--synthesis, electrochemistry and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2012 , 57, 234-9	6.8	31
97	Multi-stimuli responsive block copolymers as a smart release platform for a polypyridyl ruthenium complex. <i>Polymer Chemistry</i> , 2017 , 8, 890-900	4.9	30
96	Synthesis and antiproliferative activity of a series of new platinum and palladium diphosphane complexes. <i>Dalton Transactions</i> , 2018 , 47, 1918-1932	4.3	30
95	Organometallic palladium and platinum complexes with strongly donating alkyl coligands □ Synthesis, structures, chemical and cytotoxic properties. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1898-1905	2.3	30
94	Strong Cytotoxicity of Organometallic Platinum Complexes with Alkynyl Ligands. <i>Organometallics</i> , 2013 , 32, 3662-3672	3.8	29
93	Microwave-assisted solid-phase synthesis, cellular uptake, and cytotoxicity studies of cymantreneβ-peptide bioconjugates. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 823-827	2.3	29

92	Stability, protein binding and thiol interaction studies on [2-acetoxy-(2-propynyl)benzoate]hexacarbonyldicobalt. <i>BioMetals</i> , 2005 , 18, 171-7	3.4	29
91	Potent Inhibition of Thioredoxin Reductase by the Rh Derivatives of Anticancer M(arene/Cp*)(NHC)Cl Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 3281-3289	5.1	28
90	Structure-activity relationships and DNA binding properties of apoptosis inducing cytotoxic rhodium(III) polypyridyl complexes containing the cyclic thioether [9]aneS(3). <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 698-708	4.2	27
89	Alkyne hexacarbonyl dicobalt complexes in medicinal chemistry and drug development. <i>Expert Opinion on Therapeutic Patents</i> , 2008 , 18, 327-337	6.8	27
88	Organoplatinum(II) and -palladium(II) Complexes of Nucleobases and Their Derivatives. <i>Organometallics</i> , 2009 , 28, 3906-3915	3.8	26
87	Gold Metallodrugs to Target Coronavirus Proteins: Inhibitory Effects on the Spike-ACE2 Interaction and on PLpro Protease Activity by Auranofin and Gold Organometallics*. <i>Chemistry - A European Journal</i> , 2020 , 26, 15140-15144	4.8	26
86	In Vitro and In Vivo Investigations into the Carbene Gold Chloride and Thioglucoside Anticancer Drug Candidates NHC-AuCl and NHC-AuSR. <i>Letters in Drug Design and Discovery</i> , 2016 , 14, 125-134	0.8	26
85	A novel aminotriazole-based NHC complex for the design of gold(I) anti-cancer agents: synthesis and biological evaluation. <i>MedChemComm</i> , 2015 , 6, 1186-1189	5	25
84	Modulierung der biologischen Eigenschaften von Aspirin durch Bildung eines Bioorganometallderivats. <i>Angewandte Chemie</i> , 2009 , 121, 1180-1184	3.6	25
83	Cytotoxic Rhodium(III) Polypyridyl Complexes Containing the Tris(pyrazolyl)methane Coligand: Synthesis, DNA Binding Properties and Structure-Activity Relationships. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3821-3831	2.3	25
82	[Cyclopentadienyl]metallocarbonyl complexes of acetylsalicylic acid as neo-anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5157-63	6.8	25
81	Metal NHC Complexes with Naphthalimide Ligands as DNA-Interacting Antiproliferative Agents. <i>ChemMedChem</i> , 2017 , 12, 214-225	3.7	24
80	Synthesis, structure and cytotoxicity of cyclic (alkyl)(amino) carbene and acyclic carbene complexes of group 11 metals. <i>Dalton Transactions</i> , 2017 , 46, 15875-15887	4.3	24
79	Cyclometallated Au(III) dithiocarbamate complexes: synthesis, anticancer evaluation and mechanistic studies. <i>Metallomics</i> , 2018 , 10, 1655-1666	4.5	24
78	Antiglioma activity of GoPI-sugar, a novel gold(I)-phosphole inhibitor: chemical synthesis, mechanistic studies, and effectiveness in vivo. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 1415-26	4	23
77	Butyltin(IV) benzoates: inhibition of thioredoxin reductase, tumor cell growth inhibition, and interactions with proteins. <i>ChemMedChem</i> , 2013 , 8, 256-64	3.7	23
76	Synthesis and Biological Activity of Gold(I) N-Heterocyclic Carbene Complexes with Long Aliphatic Side Chains. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 6117-6125	2.3	23
75	Metal complexes as protein kinase inhibitors. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5226-76.4	76.4	23

74	Metal N-heterocyclic carbene complexes in medicinal chemistry. <i>Advances in Inorganic Chemistry</i> , 2020 , 121-148	2.1	23
73	Study of the effect of the chromophore and nuclearity on the aggregation and potential biological activity of gold(I) alkynyl complexes. <i>Inorganica Chimica Acta</i> , 2016 , 446, 189-197	2.7	22
72	Synthesis, Spectroscopic, Anticancer, and Antimicrobial Properties of Some Metal(II) Complexes of (Substituted) Nitrophenol Schiff Base. <i>International Journal of Inorganic Chemistry</i> , 2012 , 2012, 1-6		22
71	Cyclometalated Pt Complexes of CNC Pincer Ligands: Luminescence and Cytotoxic Evaluation. <i>Organometallics</i> , 2020 , 39, 746-756	3.8	21
70	Platinum Diolefin Complexes: Synthesis, Structures, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 226-239	2.3	21
69	Highly cytotoxic substitutionally inert rhodium(III) tris(chelate) complexes: DNA binding modes and biological impact on human cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 991-9	4.2	21
68	A Ruthenium(II) N-Heterocyclic Carbene (NHC) Complex with Naphthalimide Ligand Triggers Apoptosis in Colorectal Cancer Cells via Activating the ROS-p38 MAPK Pathway. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	20
67	Ferrocenyl derivatives of pterocarpene and coumestan: Synthesis, structure and anticancer activity studies. <i>Journal of Organometallic Chemistry</i> , 2014 , 772-773, 49-59	2.3	19
66	Complexes of Tropolone and Its N-Derivatives: Ambidentate [O,O]/[N,O]/[N,N]-Cycloheptatrienyl Pentamethylcyclopentadienyl Ruthenium Sandwich Complexes. <i>Organometallics</i> , 2014 , 33, 1630-1643	3.8	19
65	Fluorescence properties and antiproliferative effects of mono-, bis-, and tris-thiophenyl naphthalimides: results of a comparative pilot study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011 , 105, 75-80	6.7	19
64	Cell-selective, apoptosis-inducing rhodium(III) crown thiaether complexes. <i>ChemMedChem</i> , 2010 , 5, 1123-1133	3.3	19
63	Synthesis and Biological Evaluation of Organometallic Complexes Bearing Bis-1,8-naphthalimide Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3104-3112	2.3	18
62	p53-Dependent Anti-Proliferative and Pro-Apoptotic Effects of a Gold(I) -Heterocyclic Carbene (NHC) Complex in Colorectal Cancer Cells. <i>Frontiers in Oncology</i> , 2019 , 9, 438	5.3	17
61	Cobaltoceniumethynyl gold(I) as an unusual heterodinuclear bioorganometallic fragment to study the biological properties of alkynyl gold complexes. <i>Dalton Transactions</i> , 2016 , 45, 1345-8	4.3	17
60	Towards Identification of Essential Structural Elements of Organoruthenium(II)-Pyrithionato Complexes for Anticancer Activity. <i>Chemistry - A European Journal</i> , 2019 , 25, 14169-14182	4.8	16
59	Specific labeling with potent radiolabels alters the uptake of cell-penetrating peptides. <i>Biopolymers</i> , 2009 , 92, 445-51	2.2	16
58	Cobalt-alkyne complexes with imidazoline ligands as estrogenic carriers: synthesis and pharmacological investigations. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 7318-22	8.3	16
57	Substituted pyridazino[3,4-b][1,5]benzoxazepin-5(6H)ones as multidrug-resistance modulating agents. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 4627-30	8.3	16

56	Metalloocene-uracil conjugates: Synthesis and biological evaluation of novel mono-, di- and tri-nuclear systems. <i>Journal of Organometallic Chemistry</i> , 2015 , 782, 52-61	2.3	15
55	A Multitarget Gold(I) Complex Induces Cytotoxicity Related to Aneuploidy in HCT-116 Colorectal Carcinoma Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16795-16800	16.4	14
54	Medicinal Chemistry of Metal N-Heterocyclic Carbene (NHC) Complexes 2017 , 147-179		14
53	Synthesis and cellular impact of diene-ruthenium(II) complexes: a new class of organoruthenium anticancer agents. <i>Journal of Inorganic Biochemistry</i> , 2012 , 106, 126-33	4.2	14
52	Cobaltocenium Carboxylate Transition Metal Complexes: Synthesis, Structure, Reactivity, and Cytotoxicity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1282-1292	1.3	14
51	Quantifizierung der Zellaufnahme metallierter Peptide und Peptidnucleinsäuren durch Atomabsorptionsspektroskopie. <i>Angewandte Chemie</i> , 2008 , 120, 969-973	3.6	14
50	Molecular structures of cdc2-like kinases in complex with a new inhibitor chemotype. <i>PLoS ONE</i> , 2018 , 13, e0196761	3.7	14
49	Multiply Intercalator-Substituted Cu(II) Cyclen Complexes as DNA Condensers and DNA/RNA Synthesis Inhibitors. <i>Inorganic Chemistry</i> , 2018 , 57, 5004-5012	5.1	13
48	Water-Soluble Platinum(II) Complexes Featuring 2-Alkyl-2H-tetrazol-5-ylacetic Acids: Synthesis, Characterization, and Antiproliferative Activity. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4659-4667	2.3	13
47	Atomic absorption spectrometric determination of the iridium content in tumor cells exposed to an iridium metallodrug. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 938-42	3.5	13
46	An Erlotinib gold(I) conjugate for combating triple-negative breast cancer. <i>Journal of Inorganic Biochemistry</i> , 2020 , 203, 110910	4.2	13
45	Labile Pd-sulphur and Pt-sulphur bonds in organometallic palladium and platinum complexes [(COD)M(alkyl)(S-ligand)]-A speciation study. <i>Journal of Inorganic Biochemistry</i> , 2016 , 165, 119-127	4.2	13
44	Au(I) N-heterocyclic carbenes from bis-imidazolium amphiphiles: synthesis, cytotoxicity and incorporation onto gold nanoparticles. <i>RSC Advances</i> , 2016 , 6, 2202-2209	3.7	12
43	New analgesics synthetically derived from the paracetamol metabolite N-(4-hydroxyphenyl)-(5Z,8Z,11Z,14Z)-icosatetra-5,8,11,14-enamide. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 7800-5	8.3	12
42	Synthesis and biological activities of novel dexibuprofen tetraacetylriboflavin conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 683-7	2.9	12
41	Historical and biochemical aspects of a seventeenth century gold-based aurum vitae recipe. <i>Journal of Biological Inorganic Chemistry</i> , 2014 , 19, 961-5	3.7	11
40	Substitution of Metallocenes with [2.2]Paracyclophane to Enable Confocal Microscopy Imaging in Living Cells. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 297-305	2.3	11
39	Total reflection X-ray fluorescence spectrometry as a tool for the quantification of gold and platinum metallodrugs: determination of recovery rates and precision in the ppb concentration range. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 70, 713-7	3.5	11

38	Effects of metal salophene and saldach complexes on lymphoma and leukemia cells. <i>Archiv Der Pharmazie</i> , 2011 , 344, 217-23	4.3	11
37	NHC-gold compounds mediate immune suppression through induction of AHR-TGF β signalling in vitro and in scurfy mice. <i>Communications Biology</i> , 2020 , 3, 10	6.7	11
36	Antileukemic activity and cellular effects of rhodium(III) crown thiaether complexes. <i>BioMetals</i> , 2011 , 24, 645-61	3.4	10
35	Quantification of the titanium content in metallodrug-exposed tumor cells using HR-CS AAS 2014 , 1, 1-9		9
34	Water soluble palladium(II) and platinum(II) acyclic diaminocarbene complexes: solution behavior, DNA binding, and antiproliferative activity. <i>New Journal of Chemistry</i> , 2020 , 44, 5762-5773	3.6	9
33	Organoruthenium Complexes with Benzo-Fused Pyrithiones Overcome Platinum Resistance in Ovarian Cancer Cells. <i>Cancers</i> , 2021 , 13,	6.6	9
32	Medicinal Chemistry of Gold Anticancer Metallodrugs. <i>Metal Ions in Life Sciences</i> , 2018 , 18,	2.6	8
31	Gold Organometallics with Biological Properties 2014 , 117-140		8
30	Gold(I) and Gold(III) N-Heterocyclic Carbene Complexes as Antibacterial Agents and Inhibitors of Bacterial Thioredoxin Reductase. <i>ChemMedChem</i> , 2021 , 16, 3402-3409	3.7	8
29	Metallodrug Profiling against SARS-CoV-2 Target Proteins Identifies Highly Potent Inhibitors of the S/ACE2 interaction and the Papain-like Protease PL. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	7
28	In-vitro and in-vivo investigations into the carbene-gold anticancer drug candidates NHC*-Au-SCSNMe ₂ and NHC*-Au-S-GLUC against advanced prostate cancer PC3. <i>Anti-Cancer Drugs</i> , 2020 , 31, 672-683	2.4	6
27	Self-assembly of flexible [2 + 2] ionic metallamacrocycles and their cytotoxicity potency. <i>Inorganica Chimica Acta</i> , 2018 , 471, 223-227	2.7	6
26	Platinum alkynyl complexes: Cellular uptake, inhibition of thioredoxin reductase and toxicity in zebrafish embryos. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118982	2.7	5
25	The antioxidant 2,6-di-tert-butylphenol moiety attenuates the pro-oxidant properties of the auranofin analogue. <i>Metallomics</i> , 2018 , 10, 406-413	4.5	5
24	Biological effect of mono- and dinuclear alkylamine platinum(II) compounds on human lymphoma cells. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 713-20	4.2	5
23	Are Pt(IV) Prodrugs That Release Combretastatin A4 True Multi-action Prodrugs?. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 11364-11378	8.3	5
22	AAS, XRF, and MS Methods in Chemical Biology of Metal Complexes 63-97		5
21	The plant decapeptide OSIP108 can alleviate mitochondrial dysfunction induced by cisplatin in human cells. <i>Molecules</i> , 2014 , 19, 15088-102	4.8	4

20	In vivo investigations into the carbene gold anticancer drug candidates NHC*-Au-SCN and NHC*-Au-Scyclo. <i>Trends in Cancer Research</i> ,13, 63	2	4
19	Rollover Cyclometalation vs Nitrogen Coordination in Tetrapyrityl Anticancer Gold(III) Complexes: Effect on Protein Interaction and Toxicity. <i>Jacs Au</i> , 2021 , 1, 380-395		4
18	Isomeric platinum organometallics derived from pyrimidine, pyridazine or pyrazine and their potential as antitumor drugs. <i>Inorganica Chimica Acta</i> , 2019 , 493, 112-117	2.7	3
17	Biodistribution of Metals and Metallodrugs 2013 , 933-949		3
16	Synthesis and Structure of Fluorescent Chelate Boron Complexes of 4-Anilinomethylidene-1-benzazepine-2,5-dione Ligands. <i>Synthesis</i> , 2011 , 2011, 2848-2858	2.9	3
15	Current trends in multiple myeloma management. <i>Journal of International Medical Research</i> , 2008 , 36, 371-86	1.4	3
14	Gold Metallodrugs to Fight the Corona Virus: Inhibitory Effects on the SpikeACE2 Interaction and on PLpro Protease Activity by Auranofin and Gold Organometallics		3
13	Evaluation of Ruthenium(II) -Heterocyclic Carbene Complexes as Antibacterial Agents and Inhibitors of Bacterial Thioredoxin Reductase. <i>Molecules</i> , 2021 , 26,	4.8	3
12	Straightforward synthetic route to gold(I)-thiolato glycoconjugate complexes bearing NHC ligands (NHC = N-heterocyclic carbene) and their promising anticancer activity. <i>New Journal of Chemistry</i> , 2021 , 45, 9995-10001	3.6	3
11	Preparation and Antitumoral Activity of Au-Based Inorganic-Organometallic Nanocomposites. <i>Frontiers in Chemistry</i> , 2019 , 7, 60	5	2
10	Cobaltoceniumselenolate Gold(I) Complexes: Synthesis, Spectroscopic, Structural and Anticancer Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2784-2786	2.3	2
9	Pyrimidine Derivatives with Terminal Pyridyl Heterocycles: Facile Synthesis and Their Antiproliferative Activities. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 1866-1872	1.9	1
8	[[C C)Au(N N)] Complexes as a New Family of Anticancer Candidates: Synthesis, Characterization and Exploration of the Antiproliferative Properties. <i>Chemistry - A European Journal</i> , 2021 , 27, 15773-15785	4.8	1
7	Ruthenium-based PACT agents based on bisquinoline chelates: synthesis, photochemistry, and cytotoxicity. <i>Journal of Biological Inorganic Chemistry</i> , 2021 , 26, 667-674	3.7	0
6	Substitution of Metallocenes with [2.2]Paracyclophane to Enable Confocal Microscopy Imaging in Living Cells. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2565-2565	2.3	
5	Ein Multitarget-Gold(I)-Komplex induziert Zytotoxizität im Zusammenhang mit Aneuploidie in HCT-116-Kolorektalkarzinomzellen. <i>Angewandte Chemie</i> , 2020 , 132, 16940	3.6	
4	Authors' reply to letter to the editor by G. Calmanovici. <i>Nuclear Medicine and Biology</i> , 2002 , 29, 133	2.1	
3	Crystal structures of the gold NHC complex bis-(4-bromo-1,3-di-ethyl-imidazol-2-yl-idene)gold(I) iodide and its 1:1 adduct with -bis-(4-bromo-1,3-diethyl-imidazol-2-yl-idene)di-iodido-gold(III) iodide.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 1249-1252	0.7	

- 2 Pharmacological inhibition of thioredoxin reductase increases insulin secretion and diminishes beta cell viability. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2021**, 394, 1133-1142 3-4
- 1 Microwave assisted synthesis of rhodium(I) N-heterocyclic carbene complexes and their cytotoxicity against tumor cell lines. *Journal of Organometallic Chemistry*, **2022**, 964, 122300 2-3