

Toward Multi-Targeted Platinum and Ruthenium Drug Treatment Regimens?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interaction with Blood Proteins of a Ruthenium(II) Nitrofuryl Semicarbazone Complex: Effect on the Antitumoral Activity. <i>Molecules</i> , 2019, 24, 2861.	1.7	15
2	Unconventional Anticancer Metallodrugs and Strategies to Improve Their Pharmacological Profile. <i>Inorganics</i> , 2019, 7, 88.	1.2	7
3	Construction of Well-Defined Discrete Metallacycles and Their Biological Applications. , 2019, , 1-27.		0
4	Antiproliferative activity of Pt(IV) complexes with lonidamine and bexarotene ligands attached via succinate-ethylenediamine linker. <i>Inorganica Chimica Acta</i> , 2019, 495, 119010.	1.2	9
5	Microwave assisted synthesis of disubstituted benzyltin arylformylhydrazone complexes: anticancer activity and DNA-binding properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5092.	1.7	6
6	Hydroxyquinoline-derived anticancer organometallics: Introduction of amphiphilic PTA as an ancillary ligand increases their aqueous solubility. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110768.	1.5	33
7	Visible light-induced cytotoxicity studies on Co(II) complexes having an anthracene-based curcuminoid ligand. <i>Dalton Transactions</i> , 2019, 48, 12933-12942.	1.6	18
8	Modulation of ruthenium anticancer drugs analogs with tolfenamic acid: Reactivity, biological interactions and growth inhibition of yeast cell. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110769.	1.5	13
9	Diplatinum(II) Catecholate of Photoactive Boron-Dipyrromethene for Lysosome-Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2019, 58, 9067-9075.	1.9	38
10	Partially Solvated Dinuclear Ruthenium Compounds Bridged by Quinoxaline-Functionalized Ligands as Ru(II) Photocage Architectures for Low-Energy Light Absorption. <i>Inorganic Chemistry</i> , 2019, 58, 14568-14576.	1.9	8
11	Novel Brain-Tumor-Inhibiting Copper(II) Compound Based on a Human Serum Albumin (HSA)-Cell Penetrating Peptide Conjugate. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10630-10644.	2.9	29
12	Expanding the Arsenal of Pt ^{IV} Anticancer Agents: Multi-action Pt ^{IV} Anticancer Agents with Bioactive Ligands Possessing a Hydroxy Functional Group. <i>Angewandte Chemie</i> , 2019, 131, 18386-18391.	1.6	11
13	Expanding the Arsenal of Pt ^{IV} Anticancer Agents: Multi-action Pt ^{IV} Anticancer Agents with Bioactive Ligands Possessing a Hydroxy Functional Group. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18218-18223.	7.2	47
14	Towards Identification of Essential Structural Elements of Organoruthenium(II)-Pyridylthionato Complexes for Anticancer Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 14169-14182.	1.7	22
15	ATP7B Binds Ruthenium(II)-p-Cymene Half-Sandwich Complexes: Role of Steric Hindrance and Ru ^I Coordination in Rescuing the Sequestration. <i>Inorganic Chemistry</i> , 2019, 58, 15659-15670.	1.9	18
16	Synthesis, structure and biological activity of diphenyltin complexes based on O,N,O-tridentate ligands. <i>Inorganica Chimica Acta</i> , 2019, 496, 119044.	1.2	12
17	A dual functional ruthenium arene complex induces differentiation and apoptosis of acute promyelocytic leukemia cells. <i>Chemical Science</i> , 2019, 10, 9721-9728.	3.7	10
18	Alkynyl Gold(I) complexes derived from 3-hydroxyflavones as multi-targeted drugs against colon cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111661.	2.6	33

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19	Synthesis and Characterization of FITC Labelled Ruthenium Dendrimer as a Prospective Anticancer Drug. <i>Biomolecules</i> , 2019, 9, 411.	1.8	19
20	Multifunctional, heterometallic ruthenium-platinum complexes with medicinal applications. <i>Coordination Chemistry Reviews</i> , 2019, 401, 213067.	9.5	36
21	NHC-Ir(I) complexes derived from 5,6-dinitrobenzimidazole. Synthesis, characterization and preliminary evaluation of their in vitro anticancer activity. <i>Inorganica Chimica Acta</i> , 2019, 496, 119061.	1.2	17
22	Density Functional Theory (DFT)-Based Bonding Analysis Correlates Ligand Field Strength with ⁹⁹ Ru Mössbauer Parameters of Ruthenium–Nitrosyl Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 14024-14033.	1.9	13
23	NAMI-A and KP1019/1339, Two Iconic Ruthenium Anticancer Drug Candidates Face-to-Face: A Case Story in Medicinal Inorganic Chemistry. <i>Molecules</i> , 2019, 24, 1995.	1.7	249
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25	Synthesis, characterisation and in vitro antitumour potential of novel Pt(II) estrogen linked complexes. <i>Inorganica Chimica Acta</i> , 2019, 495, 118944.	1.2	10
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27	Non-platinum complexes containing releasable biologically active ligands. <i>Coordination Chemistry Reviews</i> , 2019, 395, 130-145.	9.5	80
28	Synthesis, characterization and antitumor activity of novel gold (III) compounds with cisplatin-like structure. <i>Inorganic Chemistry Communication</i> , 2019, 105, 55-58.	1.8	3
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31	A view on multi-action Pt(IV) antitumor prodrugs. <i>Inorganica Chimica Acta</i> , 2019, 492, 32-47.	1.2	71
32	Isomeric platinum organometallics derived from pyrimidine, pyridazine or pyrazine and their potential as antitumor drugs. <i>Inorganica Chimica Acta</i> , 2019, 493, 112-117.	1.2	7
33	Synthesis and Anticancer Activity of [RuCl ₂ (⁶ -arene)(aroylthiourea)] Complexes—High Activity against the Human Neuroblastoma (IMR-32) Cancer Cell Line. <i>ACS Omega</i> , 2019, 4, 6245-6256.	1.6	52
34	A new class of prophylactic metallo-antibiotic possessing potent anti-cancer and anti-microbial properties. <i>Dalton Transactions</i> , 2019, 48, 8578-8593.	1.6	19
35	Reactivity of CORM [RuII(CO) ₃ Cl ₂ {N-(N1-methylbenzimidazole)}] with aminoacids. Synthesis, and analytical and structural study for the new binuclear cis-[RuI(CO) ₂ (N-MBI)(¹⁴² O, ¹⁴² O-BAL)] ₂ sawhorse complex at solid state and in solution. <i>Journal of Molecular Structure</i> , 2019, 1184, 479-486.	1.8	0
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39	Synthesis, characterisation and influence of lipophilicity on cellular accumulation and cytotoxicity of unconventional platinum(IV) prodrugs as potent anticancer agents. Dalton Transactions, 2019, 48, 17228-17240.	1.6	30
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42	Diversity of complexes based on <i>p</i> -nitrobenzoylhydrazide, benzoylformic acid and diorganotin halides or oxides self-assemble: Cytotoxicity, the induction of apoptosis in cancer cells and DNA-binding properties. Bioorganic Chemistry, 2020, 94, 103402.	2.0	21
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52	A <i>trans</i> -dichloridoplatinum(II) complex of a monodentate nitrogen mustard: Synthesis, stability and cytotoxicity studies. Journal of Inorganic Biochemistry, 2020, 204, 110982.	1.5	2
53	Design, synthesis, characterization and evaluation of the anticancer activity of water-soluble half-sandwich ruthenium(II) arene halido complexes. New Journal of Chemistry, 2020, 44, 239-257.	1.4	37
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56	Cytotoxicity and reactivity of a redox active 1,4-quinone-pyrazole compound and its Ru(II)-p-cymene complex. <i>Inorganica Chimica Acta</i> , 2020, 502, 119361.	1.2	5
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58	Rational design of anticancer platinum(IV) prodrugs. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 149-182.	0.4	16
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63	Tuning excited state of bipyridyl platinum(II) complexes with bio-active flavonolate ligand: Structures, photoreactivity, and DFT calculations. <i>Inorganica Chimica Acta</i> , 2020, 513, 119952.	1.2	0
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69	Platinum(II) Complexes with Bulky Disubstitute Triazolopyrimidines as Promising Materials for Anticancer Agents. <i>Materials</i> , 2020, 13, 5312.	1.3	3
70	Photoactivatable Platinum-Based Anticancer Drugs: Mode of Photoactivation and Mechanism of Action. <i>Molecules</i> , 2020, 25, 5167.	1.7	29
71	Recent advances in iron-complexes as drug candidates for cancer therapy: reactivity, mechanism of action and metabolites. <i>Dalton Transactions</i> , 2020, 49, 11451-11466.	1.6	34
72	Fatty acid-like Pt(IV) prodrugs overcome cisplatin resistance in ovarian cancer by harnessing CD36. <i>Chemical Communications</i> , 2020, 56, 10706-10709.	2.2	26

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73	A Gallium(III) Complex that Engages Protein Disulfide Isomerase A3 (PDIA3) as an Anticancer Target. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20147-20153.	7.2	32
74	Synthesis of Pt(II) complexes of the type [Pt(1,10-phenanthroline)(SArFn)2] (SArFn = 6,6'-diphenyl-2,2'-bipyridine; Tj ETQq1 10.784314 rgBT / Over) <i>Biochemistry</i> , 2020, 211, 111206.	1.5	15
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93	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	1.6	4
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96	CAIXplatins: Highly Potent Platinum(IV) Prodrugs Selective Against Carbonic Anhydrase IX for the Treatment of Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 18715-18721.	1.6	16
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99	Interfering in apoptosis and DNA repair of cancer cells to conquer cisplatin resistance by platinum(IV) prodrugs. <i>Chemical Science</i> , 2020, 11, 3829-3835.	3.7	58
100	Naproxen platinum(IV) hybrids inhibiting cyclooxygenases and matrix metalloproteinases and causing DNA damage: synthesis and biological evaluation as antitumor agents <i>in vitro</i> and <i>in vivo</i> . <i>Dalton Transactions</i> , 2020, 49, 5192-5204.	1.6	41
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113	Ruthenium and iridium based mononuclear and multinuclear complexes: A Breakthrough of Next-Generation anticancer metallopharmaceuticals. <i>Inorganica Chimica Acta</i> , 2020, 512, 119858.	1.2	19
114	Synthesis of New Cisplatin Derivatives from Bile Acids. <i>Molecules</i> , 2020, 25, 655.	1.7	4
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116	A mitochondria-targeted single fluorescence probe for separately and continuously visualizing H ₂ S and Cys with multi-response signals. <i>Analytica Chimica Acta</i> , 2020, 1107, 172-182.	2.6	28
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125	Mitochondrial DNA targeting and impairment by a dinuclear Ir ^{III} -Pt complex that overcomes cisplatin resistance. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1864-1871.	3.0	36
126	Enhanced Intracellular Accumulation and Cytotoxicity of Ferrocene-Ruthenium Arene Conjugates. <i>ChemPlusChem</i> , 2020, 85, 1034-1043.	1.3	3
127	Binding Kinetics of Ruthenium Pyridone Chemotherapeutic Candidates to Human Serum Proteins Studied by HPLC-ICP-MS. <i>Molecules</i> , 2020, 25, 1512.	1.7	6
128	Spectrophotometric kinetic study of mercury(II)-catalyzed formation of [4-CNpyRu(CN) ₅] ³⁻ via ligand exchange reaction of hexacyanoruthenate(II) with 4-cyanopyridine: a mechanistic approach. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2327-2333.	1.2	9

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130	Effect of N,N -Coordination and Ru^{II} -Halide Bond in Enhancing Selective Toxicity of a Tyramine-Based Ru^{II} -(<i>p</i> -Cymene) Complex. <i>Inorganic Chemistry</i> , 2020, 59, 6581-6594.	1.9	31
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