

# Toward Multi-Targeted Platinum and Ruthenium Drug Treatment Regimens?

Chemical Reviews

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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.	3.8	15
2	Unconventional Anticancer Metallodrugs and Strategies to Improve Their Pharmacological Profile. <i>Inorganics</i> , 2019, 7, 88.	2.7	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.	2.4	9
5	Microwave assisted synthesis of disubstituted benzyltin arylformylhydrazone complexes: anticancer activity and DNA-binding properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5092.	3.5	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.	3.5	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.	3.3	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.	3.5	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.	4.0	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.	4.0	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.	6.4	29
12	Expanding the Arsenal of Pt <sup>IV</sup> Anticancer Agents: Multi-action Pt <sup>IV</sup> Anticancer Agents with Bioactive Ligands Possessing a Hydroxy Functional Group. <i>Angewandte Chemie</i> , 2019, 131, 18386-18391.	2.0	11
13	Expanding the Arsenal of Pt <sup>IV</sup> Anticancer Agents: Multi-action Pt <sup>IV</sup> Anticancer Agents with Bioactive Ligands Possessing a Hydroxy Functional Group. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18218-18223.	13.8	47
14	Towards Identification of Essential Structural Elements of Organoruthenium(II)-Pyrithionato Complexes for Anticancer Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 14169-14182.	3.3	22
15	ATP7B Binds Ruthenium(II)p-Cymene Half-Sandwich Complexes: Role of Steric Hindrance and Ru <sup>I</sup> Coordination in Rescuing the Sequestration. <i>Inorganic Chemistry</i> , 2019, 58, 15659-15670.	4.0	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.	2.4	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.	7.4	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.	5.5	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.	4.0	19
20	Multifunctional, heterometallic ruthenium-platinum complexes with medicinal applications. <i>Coordination Chemistry Reviews</i> , 2019, 401, 213067.	18.8	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.	2.4	17
22	Density Functional Theory (DFT)-Based Bonding Analysis Correlates Ligand Field Strength with $^{99}\text{Ru}$ Mössbauer Parameters of Ruthenium Nitrosyl Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 14024-14033.	4.0	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.	3.8	249
24	Rationally designed curcumin based ruthenium(II) antimicrobials effective against drug-resistant <i>Staphylococcus aureus</i> . <i>Dalton Transactions</i> , 2019, 48, 11822-11828.	3.3	35
25	Synthesis, characterisation and in vitro antitumour potential of novel Pt(II) estrogen linked complexes. <i>Inorganica Chimica Acta</i> , 2019, 495, 118944.	2.4	10
26	Antiproliferative Activity of Pt(IV) Conjugates Containing the Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Ketoprofen and Naproxen. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3074.	4.1	31
27	Non-platinum complexes containing releasable biologically active ligands. <i>Coordination Chemistry Reviews</i> , 2019, 395, 130-145.	18.8	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.	3.9	3
29	Fuplatin: An Efficient and Low-Toxic Dual-Prodrug. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4543-4554.	6.4	47
30	A highly efficient and selective antitumor agent based on a glucoconjugated carbene platinum(II) complex. <i>Dalton Transactions</i> , 2019, 48, 7794-7800.	3.3	28
31	A view on multi-action Pt(IV) antitumor prodrugs. <i>Inorganica Chimica Acta</i> , 2019, 492, 32-47.	2.4	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.	2.4	7
33	Synthesis and Anticancer Activity of $[\text{RuCl}_2(\text{I}^6\text{-arene})(\text{aroylthiourea})]$ Complexes—High Activity against the Human Neuroblastoma (IMR-32) Cancer Cell Line. <i>ACS Omega</i> , 2019, 4, 6245-6256.	3.5	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.	3.3	19
35	Reactivity of CORM $[\text{Ru}(\text{CO})_3\text{Cl}_2\{\text{N}(\text{N}1\text{-methylbenzimidazole})\}]$ with aminoacids. Synthesis, and analytical and structural study for the new binuclear $\text{cis-}[\text{Ru}(\text{CO})_2(\text{N-MBI})(\text{I}^{142}\text{-O,O-BAL})]_2$ sawhorse complex at solid state and in solution. <i>Journal of Molecular Structure</i> , 2019, 1184, 479-486.	3.6	0
36	Investigations of the Kinetics and Mechanism of Reduction of a Carboplatin Pt(IV) Prodrug by the Major Small-Molecule Reductants in Human Plasma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5660.	4.1	22

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37	Ruthenium(II) and palladium(II) homo- and heterobimetallic complexes: synthesis, crystal structures, theoretical calculations and biological studies. Dalton Transactions, 2019, 48, 15869-15887.	3.3	8
38	Synthesis, structures and cytotoxic effects <i>in vitro</i> of <i>cis</i> - and <i>trans</i> -[Pt(IV)Cl <sub>4</sub> (NHC) <sub>2</sub> ] complexes and their Pt(II) precursors. Dalton Transactions, 2019, 48, 16358-16365.	3.3	15
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.	3.3	30
40	Polyamine-Based Pt(IV) Prodrugs as Substrates for Polyamine Transporters Preferentially Accumulate in Cancer Metastases as DNA and Polyamine Metabolism Dual-Targeted Antimetastatic Agents. Journal of Medicinal Chemistry, 2019, 62, 11324-11334.	6.4	26
41	Exploring the Molecular Mechanisms Underlying the <i>in vitro</i> Anticancer Effects of Multitargeted Directed Hydrazone Ruthenium(II)-Arene Complexes. ChemMedChem, 2020, 15, 105-113.	3.2	16
42	Diversity of complexes based on p-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.	4.1	21
43	Classification of Metal-Based Drugs according to Their Mechanisms of Action. Chem, 2020, 6, 41-60.	11.7	231
44	Conjugating Biotin to Ruthenium(II) Arene Units via Phosphine Ligand Functionalization. European Journal of Inorganic Chemistry, 2020, 2020, 1061-1072.	2.0	7
45	Anticancer activity, DNA binding and cell mechanistic studies of estrogen-functionalised Cu(II) complexes. Journal of Biological Inorganic Chemistry, 2020, 25, 49-60.	2.6	18
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49	Cu(II)-TACN complexes selectively induce antitumor activity in HepG-2 cells <i>via</i> DNA damage and mitochondrial-ROS-mediated apoptosis. Dalton Transactions, 2020, 49, 114-123.	3.3	18
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51	NAMI-A preferentially reacts with the Sp1 protein: understanding the anti-metastasis effect of the drug. Chemical Communications, 2020, 56, 1397-1400.	4.1	13
52	A trans-dichloridoplatinum(II) complex of a monodentate nitrogen mustard: Synthesis, stability and cytotoxicity studies. Journal of Inorganic Biochemistry, 2020, 204, 110982.	3.5	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.	2.8	37
54	Luminescent Pt II and Pt IV Platinacycles with Anticancer Activity Against Multiplatinum-Resistant Metastatic CRC and CRPC Cell Models. Chemistry - A European Journal, 2020, 26, 1947-1952.	3.3	8

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56	Cytotoxicity and reactivity of a redox active 1,4-quinone-pyrazole compound and its Ru(II)-p-cymene complex. Inorganica Chimica Acta, 2020, 502, 119361.	2.4	5
57	Recent progress in the development of organometallics for the treatment of cancer. Current Opinion in Chemical Biology, 2020, 56, 28-34.	6.1	67
58	Rational design of anticancer platinum(IV) prodrugs. Advances in Inorganic Chemistry, 2020, 75, 149-182.	1.0	16
59	Ruthenium nitrosyl complexes with the molecular framework [Ru <sup>II</sup> (dmdptz)(bpy)(NO)] <sup>n+</sup> (dmdptz: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 Td (<i>N</i>,<i>N</i>-dimet structure, reactivity aspects, photorelease, and scavenging of NO. New Journal of Chemistry, 2020, 44, 18732-18744.	2.8	13
60	Computer-aided discovery of bis-indole derivatives as multi-target drugs against cancer and bacterial infections: DFT, docking, virtual screening, and molecular dynamics studies. Journal of Molecular Liquids, 2020, 320, 114375.	4.9	31
61	Metal complexation of deferasirox derivatives: A solid state and equilibrium study. Polyhedron, 2020, 190, 114780.	2.2	1
62	New Antimicrobial Strategies Based on Metal Complexes. Chemistry, 2020, 2, 849-899.	2.2	122
63	Tuning excited state of bipyridyl platinum(II) complexes with bio-active flavonolate ligand: Structures, photoreactivity, and DFT calculations. Inorganica Chimica Acta, 2020, 513, 119952.	2.4	0
64	Recent advances in cytotoxicity, cellular uptake and mechanism of action of ruthenium metallodrugs: A review. Polyhedron, 2020, 192, 114827.	2.2	26
65	From solid state to <i>in vitro</i> anticancer activity of copper(<sup>II</sup>) compounds with electronically-modulated NNO Schiff base ligands. Dalton Transactions, 2020, 49, 14626-14639.	3.3	17
66	Enhanced cellular uptake of platinum by a tetracationic Pt(II) nanocapsule and its implications to cancer treatment. European Journal of Pharmaceutical Sciences, 2020, 155, 105545.	4.0	4
67	Synthesis of 2-deoxy-<sup>d</sup>-glucose coated Fe<sub>3</sub>O<sub>4</sub> nanoparticles for application in targeted delivery of the Pt(<sup>IV</sup>) prodrug of cisplatin - a novel approach in chemotherapy. New Journal of Chemistry, 2020, 44, 13863-13874.	2.8	1
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69	Platinum(II) Complexes with Bulky Disubstitute Triazolopyrimidines as Promising Materials for Anticancer Agents. Materials, 2020, 13, 5312.	2.9	3
70	Photoactivatable Platinum-Based Anticancer Drugs: Mode of Photoactivation and Mechanism of Action. Molecules, 2020, 25, 5167.	3.8	29
71	Recent advances in iron-complexes as drug candidates for cancer therapy: reactivity, mechanism of action and metabolites. Dalton Transactions, 2020, 49, 11451-11466.	3.3	34
72	Fatty acid-like Pt(<sup>IV</sup>) prodrugs overcome cisplatin resistance in ovarian cancer by harnessing CD36. Chemical Communications, 2020, 56, 10706-10709.	4.1	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.	13.8	32
74	Synthesis of Pt(II) complexes of the type [Pt(1,10-phenanthroline)(SArFn)2] (SArFn=6H3-3,4-F2); Tj ETQq1 1 0.784314 rgBT /Over Biochemistry, 2020, 211, 111206.	3.5	15
75	Modulation of Amyloidogenic Peptide Aggregation by Photoactivatable CO-Releasing Ruthenium(II) Complexes. <i>Pharmaceuticals</i> , 2020, 13, 171.	3.8	19
76	Stability, Reduction, and Cytotoxicity of Platinum(IV) Anticancer Prodrugs Bearing Carbamate Axial Ligands: Comparison with Their Carboxylate Analogues. <i>Inorganic Chemistry</i> , 2020, 59, 11676-11687.	4.0	31
77	Synthesis, Characterization, and Biological Evaluation of the Polymeric Encapsulation of a Ruthenium(II) Polypyridine Complex with Pluronic F127/Poloxamer407 for Photodynamic Therapy Applications. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3242-3248.	2.0	12
78	Unexpected photoactivation pathways in a folate-receptor-targeted trans-diazido Pt(IV) anticancer pro-drug. <i>Dalton Transactions</i> , 2020, 49, 11828-11834.	3.3	7
79	Inhibition of histone deacetylases, topoisomerases and epidermal growth factor receptor by metal-based anticancer agents: Design & synthetic strategies and their medicinal attributes. <i>Bioorganic Chemistry</i> , 2020, 105, 104396.	4.1	15
80	A Gallium(III) Complex that Engages Protein Disulfide Isomerase A3 (PDIA3) as an Anticancer Target. <i>Angewandte Chemie</i> , 2020, 132, 20322-20328.	2.0	1
81	Smart Microenvironment-Responsive Organocopper(II) Supramolecular Polymers to Regulate the Stability and Anticancer Efficacy by Different Substituents. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 40013-40020.	8.0	8
82	Hypoxia efficient and glutathione-resistant cytospecific ruthenium(II)-cymene-arylimidazophenanthroline complexes: biomolecular interaction and live cell imaging. <i>Dalton Transactions</i> , 2020, 49, 12865-12878.	3.3	20
83	Theoretical exploration of the photophysical properties of two-component Ru(II)-porphyrin dyes as promising assemblies for a combined antitumor effect. <i>Dalton Transactions</i> , 2020, 49, 12653-12661.	3.3	10
84	Thiourea-Derived Chelating Ligands and Their Organometallic Compounds: Investigations into Their Anticancer Activity. <i>Molecules</i> , 2020, 25, 3661.	3.8	9
85	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , 2020, 8, 210.	3.6	33
86	Organelle-targeting metal anticancer agents. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 287-337.	1.0	10
87	Cationic carboxylate and thioacetate ruthenium(II) complexes: synthesis and cytotoxic activity against anaplastic thyroid cancer cells. <i>Dalton Transactions</i> , 2020, 49, 8375-8388.	3.3	7
88	Platinum-Triggered Bond-Cleavage of Pentynoyl Amide and N-Propargyl Handles for Drug-Activation. <i>Journal of the American Chemical Society</i> , 2020, 142, 10869-10880.	13.7	68
89	Engineering liposomal nanoparticles of cholesterol-tethered amphiphilic Pt(IV) prodrugs with prolonged circulation time in blood. <i>Dalton Transactions</i> , 2020, 49, 8107-8113.	3.3	10
90	A Pt(IV)-based mononitro-naphthalimide conjugate with minimized side-effects targeting DNA damage response via a dual-DNA-damage approach to overcome cisplatin resistance. <i>Bioorganic Chemistry</i> , 2020, 101, 104011.	4.1	8



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91	Breast Cancer Chemotherapeutic Options: A General Overview on the Preclinical Validation of a Multi-Target Ruthenium(III) Complex Lodged in Nucleolipid Nanosystems. <i>Cells</i> , 2020, 9, 1412.	4.1	25
93	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	2.0	4
94	CAIXplatins: Highly Potent Platinum(IV) Prodrugs Selective Against Carbonic Anhydraseâ€¦IX for the Treatment of Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18556-18562.	13.8	94
95	Synthesis, spectroscopic characterization and computational study of Ru(II)/DMSO complexes with monocoordinated carbazate ligands. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1605-1618.	2.2	1
96	CAIXplatins: Highly Potent Platinum(IV) Prodrugs Selective Against Carbonic Anhydraseâ€¦IX for the Treatment of Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 18715-18721.	2.0	16
97	Pharmacophore conjugation strategy for multi-targeting metal-based anticancer complexes. <i>Advances in Inorganic Chemistry</i> , 2020, , 257-285.	1.0	3
98	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16631-16637.	13.8	47
99	Interfering in apoptosis and DNA repair of cancer cells to conquer cisplatin resistance by platinum(<sc>iv</sc>) prodrugs. <i>Chemical Science</i> , 2020, 11, 3829-3835.	7.4	58
100	Naproxen platinum(<sc>iv</sc>) 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.	3.3	41
101	Multiaction Pt(IV) Carbamate Complexes Can Codeliver Pt(II) Drugs and Amine Containing Bioactive Molecules. <i>Inorganic Chemistry</i> , 2020, 59, 5182-5193.	4.0	37
102	Recent advances in platinum-based chemotherapeutics that exhibit inhibitory and targeted mechanisms of action. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111070.	3.5	61
104	Pt(II) versus Pt(IV) in Carbene Glycoconjugate Antitumor Agents: Minimal Structural Variations and Great Performance Changes. <i>Inorganic Chemistry</i> , 2020, 59, 4002-4014.	4.0	32
105	Synthesis, chemical characterization, PARP inhibition, DNA binding and cellular uptake of novel ruthenium(II)-arene complexes bearing benzamide derivatives in human breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111155.	3.5	14
106	New Organometallic Ruthenium(II) Compounds Synergistically Show Cytotoxic, Antimetastatic and Antiangiogenic Activities for the Treatment of Metastatic Cancer. <i>Chemistry - A European Journal</i> , 2020, 26, 15170-15182.	3.3	49
107	Zwitterionic Ru(III) Complexes: Stability of Metalâ€“Ligand Bond and Hostâ€“Guest Binding with Cucurbit[7]uril. <i>Inorganic Chemistry</i> , 2020, 59, 10185-10196.	4.0	5
108	Differences in Stability, Cytotoxicity, and Mechanism of Action of Ru(II) and Pt(II) Complexes of a Bidentate N,O Donor Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 10262-10274.	4.0	17
109	Novel NHC-coordinated ruthenium(II) arene complexes achieve synergistic efficacy as safe and effective anticancer therapeutics. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112605.	5.5	38
110	Bio-macromolecular interaction studies: Synthesis, crystal structure of water-soluble manganese(II) complexes. <i>Inorganica Chimica Acta</i> , 2020, 512, 119882.	2.4	1

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112	The affinity of copper(II) ions towards L-amino acids in the solid-state: a simple route towards mixed complexes. <i>CrystEngComm</i> , 2020, 22, 4963-4968.	2.6	4
113	Ruthenium and iridium based mononuclear and multinuclear complexes: A Breakthrough of Next-Generation anticancer metallopharmaceuticals. <i>Inorganica Chimica Acta</i> , 2020, 512, 119858.	2.4	19
114	Synthesis of New Cisplatin Derivatives from Bile Acids. <i>Molecules</i> , 2020, 25, 655.	3.8	4
115	Dynamism of Supramolecular DNA/RNA Nanoarchitectonics: From Interlocked Structures to Molecular Machines. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 581-603.	3.2	75
116	A mitochondria-targeted single fluorescence probe for separately and continuously visualizing H <sub>2</sub> S and Cys with multi-response signals. <i>Analytica Chimica Acta</i> , 2020, 1107, 172-182.	5.4	28
117	Metal Complexes, an Untapped Source of Antibiotic Potential?. <i>Antibiotics</i> , 2020, 9, 90.	3.7	115
118	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020, 11, 2627-2639.	7.4	290
119	Crystal structure and anti-breast cancer activity evaluation of a nanosized bismuth(V)-containing coordination complex based on the F-decorated ligand. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 562-568.	1.6	1
120	Oxamuplatin: a cytotoxic Pt(II) complex of a nitrogen mustard with resistance to thiol based sequestration displays enhanced selectivity towards cancer. <i>Dalton Transactions</i> , 2020, 49, 2547-2558.	3.3	13
121	Synthesis and characterisation of a novel mono functionalisable Pt(IV) oxaliplatin-type complex and its peptide conjugate. <i>Inorganica Chimica Acta</i> , 2020, 505, 119492.	2.4	8
122	Platinum(II) and Ruthenium(II) complexes in medicine: Antimycobacterial and Anti-HIV activities. <i>Coordination Chemistry Reviews</i> , 2020, 414, 213285.	18.8	35
123	Ruthenium(II)-arene complexes containing ferrocenamide ligands: Synthesis, characterisation and antiproliferative activity against cancer cell lines. <i>Journal of Organometallic Chemistry</i> , 2020, 916, 121247.	1.8	8
124	Synthesis and characterization of (Ru(II), Co(III)) heterobimetallic complexes formed with a 1,10-phenanthroline based hydroxamic acid conjugate. <i>Journal of Organometallic Chemistry</i> , 2020, 916, 121265.	1.8	7
125	Mitochondrial DNA targeting and impairment by a dinuclear Ir <sup>III</sup> -Pt complex that overcomes cisplatin resistance. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1864-1871.	6.0	36
126	Enhanced Intracellular Accumulation and Cytotoxicity of Ferrocene-Ruthenium Arene Conjugates. <i>ChemPlusChem</i> , 2020, 85, 1034-1043.	2.8	3
127	Binding Kinetics of Ruthenium Pyridine Chemotherapeutic Candidates to Human Serum Proteins Studied by HPLC-ICP-MS. <i>Molecules</i> , 2020, 25, 1512.	3.8	6
128	Spectrophotometric kinetic study of mercury(II)-catalyzed formation of [4-CNpyRu(CN) <sub>5</sub> ] <sup>3-</sup> 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.	2.2	9



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129	Bromocoumarinplatin, targeting simultaneously mitochondria and nuclei with p53 apoptosis pathway to overcome cisplatin resistance. <i>Bioorganic Chemistry</i> , 2020, 99, 103768.	4.1	11
130	Effect of $N,N$ -Coordination and $Ru^{II}$ -Halide Bond in Enhancing Selective Toxicity of a Tyramine-Based $Ru^{II}$ - $p$ -Cymene Complex. <i>Inorganic Chemistry</i> , 2020, 59, 6581-6594.	4.0	31
131	$Ru^{II}$ -Naphthoquinone complexes with high selectivity for triple-negative breast cancer. <i>Dalton Transactions</i> , 2020, 49, 16193-16203.	3.3	22
132	Parameterization and validation of a new force field for $Pt(II)$ complexes of $2\text{-}[(4\text{-amino-2-hydroxyphenyl})\text{benzothiazole}]$ . <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26525. <sup>7</sup>	2.9	7
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