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Approaching tumour therapy beyond platinum drugs:
status of the art and perspectives of ruthenium drug candida

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#	Paper	IF	Citations
451	[RuII(II-CEH)(bipy)(PPh)] ⁺ , a promising large spectrum antitumor agent: cytotoxic activity and interaction with human serum albumin. <i>Journal of Inorganic Biochemistry</i> , 2012 , 117, 261-9	4.2	60
450	Flavaglines as potent anticancer and cytoprotective agents. 2012 , 55, 10064-73		53
449	Comparative studies of the cellular uptake, subcellular localization, and cytotoxic and phototoxic antitumor properties of ruthenium(II)-porphyrin conjugates with different linkers. 2012 , 23, 1623-38		84
448	The prevalence of metal-based drugs as therapeutic or diagnostic agents: beyond platinum. <i>Dalton Transactions</i> , 2012 , 41, 13239-57	4.3	90
447	Arene-Ru(II) complexes of curcumin exert antitumor activity via proteasome inhibition and apoptosis induction. 2012 , 7, 2010-20		48
446	Induction of caspase 8 and reactive oxygen species by ruthenium-derived anticancer compounds with improved water solubility and cytotoxicity. 2012 , 84, 1428-36		51
445	Interaction of a ruthenium hexacationic prism with amino acids and biological ligands: ESI mass spectrometry and NMR characterisation of the reaction products. 2012 , 17, 1053-62		24
444	Highly cytotoxic trithiophenolatodiruthenium complexes of the type [(β -p-MeC ₆ H ₄ Pri) ₂ Ru ₂ (SC ₆ H ₄ -p-X) ₃] ⁺ : synthesis, molecular structure, electrochemistry, cytotoxicity, and glutathione oxidation potential. 2012 , 17, 951-60		59
443	Distinct cellular fates for KP1019 and NAMI-A determined by X-ray fluorescence imaging of single cells. 2012 , 4, 1051-6, 1007		85
442	The In Vitro and In Vivo Antitumour Activities of Nitrosyl Ruthenium Amine Complexes. 2012 , 65, 1333		18
441	Targeted therapy vs. DNA-adduct formation-guided design: thoughts about the future of metal-based anticancer drugs. <i>Dalton Transactions</i> , 2012 , 41, 8226-34	4.3	87
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438	Synthesis, molecular structure, computational study and in vitro anticancer activity of dinuclear thiolato-bridged pentamethylcyclopentadienyl Rh(III) and Ir(III) complexes. <i>Dalton Transactions</i> , 2013 , 42, 15457-63	4.3	48
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436	Kinetic and mechanistic studies on reactions of diruthenium(II,III) with biologically relevant reducing agents. <i>Dalton Transactions</i> , 2013 , 42, 16796-805	4.3	20
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433	X-ray fluorescence imaging of single human cancer cells reveals that the N-heterocyclic ligands of iodinated analogues of ruthenium anticancer drugs remain coordinated after cellular uptake. 2013 , 18, 845-53		19
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