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DNA interactions of a functionalized ruthenium(II) mixed-polypyridyl complex [Ru(bpy)₂ppd]²⁺

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#	Paper	IF	Citations
242	Synthesis, Characterization, and DNA-Binding Properties of the Chiral Ruthenium(II) Complexes $[Ru(bpy)_2(dmppd)]^{2+}$ and $[Ru(bpy)_2(dtmi)]^{2+}$ ($dmppd = 10,12$ -Dimethylpteridino[6,7-f][1,10]phenanthroline-11,13(10H,12H)-dione; $bpy = 2,2'$ -Bipyridine). 2007 , 90, 36-51		19
241	A novel binuclear palladium complex with benzothiazole-2-thiolate: synthesis, crystal structure and interaction with DNA. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1404-9	4.2	74
240	Synthesis, characterization and DNA binding studies of ruthenium(II) complexes: $[Ru(bpy)_2(dtmi)]^{2+}$ and $[Ru(bpy)_2(dtmi)]^{2+}$. 2007 , 32, 762-768		21
239	Targeting topoisomerase II with the chiral DNA-intercalating ruthenium(II) polypyridyl complexes. 2007 , 12, 1015-27		74
238	Synthesis, crystal structure, and DNA-binding studies of a one-dimensional copper(II) polymer bridged both by oxamidate and thiocyanato ligands. 2008 , 19, 819-826		4
237	Solvothermal Synthesis, Crystal Structure and DNA Binding Studies of a 3D Supramolecular Complex $\{[Cu(phen)CN][Cu(phen)][Cu(CN)_2]\}_n$ Assembled by Double Curvy Chains. 2008 , 18, 398-406		10
236	DNA binding by Ru(II)-bis(bipyridine)-pteridinyll complexes. 2008 , 13, 1133-48		38
235	Synthesis, DNA-Binding and Photocleavage Studies of the Ruthenium(II) Complexes $[Ru(phen)_2(ppd)]^{2+}$ and $[Ru(phen)(ppd)_2]^{2+}$ ($ppd = Pteridino[6,7-f][1,10]$ phenanthroline-11,13(10H,12H)-dione, $phen = 1,10$ -Phenanthroline). 2008 , 91, 395-410		24
234	DNA Interactions of the Functionalized (Mixed Polypyridine)ruthenium(II) Complex Bis(2,2'-bipyridine- κ^1, κ^1')(methyl dipyrido[3,2-a : 2',3'-c]phenazine-11-carboxylate- κ^4, κ^5)ruthenium(2+) (κ^1, κ^1' = N1, N1'). 2008 , 91, 395-410		11
233	Experimental and Theoretical Studies on DNA-Binding and Spectral Properties of [Light Switch] Complexes $[Ru(L)_2(ppn)]^{2+}$ ($L = 2,2'$ -Bipyridine and 1,10-Phenanthroline; $ppn = Pteridino[6,7-f][1,10]$ phenanthroline-11,13-diamine). 2008 , 91, 1374-1388		10
232	Photoinduced Ligand Transformation in a Ruthenium Polypyridophenazine Complex. 2008 , 2008, 1031-1034		15
231	DNA binding, photocleavage, and topoisomerase inhibition of functionalized ruthenium(II)-polypyridine complexes. 2008 , 5, 1962-79		54
230	Interaction studies of DNA binding of ruthenium(II) mixed-ligand complexes: $[Ru(phen)_2(dtmi)]^{2+}$ and $[Ru(phen)_2(dtmi)]^{2+}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 70, 171-6	4.4	32
229	Synthesis, characterization, DNA-binding and spectral properties of complexes $[Ru(L)_4(dppz)]^{2+}$ ($L = Im$ and $Melm$). <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 330-41	4.2	112
228	Differences in structure, physiological stability, electrochemistry, cytotoxicity, DNA and protein binding properties between two Ru(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 347-58	4.2	133
227	Synthesis, GC selective DNA binding and topoisomerase II inhibition activities of ruthenium(II) polypyridyl complex containing 11-aminopteridino[6,7-f][1,10]phenanthroline-13(12H)-one. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 1050-9	4.2	67
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225	Synthesis, characterization, interaction with DNA and cytotoxicity in vitro of dinuclear Pd(II) and Pt(II) complexes dibridged by 2,2'-azanediyldibenzoic acid. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 1958-64	4.2	97
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216	Structure, DNA Binding Studies and Cytotoxicity of Complex [Pd(phen)(L-asp)]·BH ₂ O. 2009 , 27, 1061-1066		4
215	Effects of substituent on the DNA-binding of ruthenium(II) complexes containing asymmetric tridentate intercalative ligands. 2009 , 34, 297-305		11
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213	One-dimensional copper(II) polymer with bridging Etrans-oxamidate and thiocyanate ligands: Synthesis, crystal structure and DNA binding studies. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1253-1259	2.7	27
212	Synthesis, double stranded DNA-binding and photocleavage studies of a functionalized ruthenium(II) complex with 7,7'-methylenedioxyphenyldipyrido[3,2-a:2',3'-c]-phenazine. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 441-7	4.2	25
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147	Cytotoxicity, apoptosis, interaction with DNA, cellular uptake, and cell cycle arrest of ruthenium(II) polypyridyl complexes containing 4,4'-dimethyl-2,2'-bipyridine as ancillary ligand. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 3287-3298	1.6	9
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145	Synthesis, DNA and Photocleavage Studies of Ru(II) Polypyridyl Complexes: [Ru(dppz)(pyz) ₄](ClO ₄) ₂ and [Ru(dppz)(dmpyz) ₄](ClO ₄) ₂ Complexes. 2012 , 30, 1641-1646		2
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