

# Claudia Turro

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

179  
papers

7,460  
citations

50  
h-index

79  
g-index

186  
ext. papers

8,028  
ext. citations

7  
avg, IF

6.16  
L-index

#	Paper	IF	Citations
179	Photocytotoxicity and photoinduced phosphine ligand exchange in a Ru(II) polypyridyl complex.. <i>Chemical Science</i> , <b>2022</b> , 13, 1933-1945	9.4	2
178	Two-photon-absorbing ruthenium complexes enable near infrared light-driven photocatalysis.. <i>Nature Communications</i> , <b>2022</b> , 13, 2288	17.4	3
177	Fixing photocatalysts.. <i>Nature Chemistry</i> , <b>2022</b> , 14, 487-488	17.6	
176	Ruthenium complexes for photoactivated dual activity: Drug delivery and singlet oxygen generation. <i>Advances in Inorganic Chemistry</i> , <b>2022</b> ,	2.1	
175	Photosensitive Ru(II) Complexes as Inhibitors of the Major Human Drug Metabolizing Enzyme CYP3A4. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9191-9205	16.4	9
174	Dirhodium Complexes as Panchromatic Sensitizers, Electrocatalysts, and Photocatalysts. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 5379-5387	4.8	3
173	Dirhodium complexes as electrocatalysts for CO reduction to HCOOH: role of steric hindrance on selectivity. <i>Chemical Communications</i> , <b>2021</b> , 57, 1635-1638	5.8	1
172	Dirhodium(II,II)/NiO Photocathode for Photoelectrocatalytic Hydrogen Evolution with Red Light. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 1610-1617	16.4	9
171	Trifluoromethyl substitution enhances photoinduced activity against breast cancer cells but reduces ligand exchange in Ru(II) complex. <i>Chemical Science</i> , <b>2021</b> , 12, 12056-12067	9.4	5
170	Unsymmetrical dirhodium single molecule photocatalysts for H <sub>2</sub> production with low energy light. <i>Chemical Communications</i> , <b>2021</b> , 57, 2061-2064	5.8	4
169	Unlocking the Potential of Ru(II) Dual-Action Compounds with the Power of the Heavy Atom Effect. <i>Photochemistry and Photobiology</i> , <b>2021</b> ,	3.6	1
168	Photoinduced ligand dissociation follows reverse energy gap law: nitrile photodissociation from low energy MLCT excited states. <i>Chemical Communications</i> , <b>2020</b> , 56, 4070-4073	5.8	13
167	Dual-Action Ru(II) Complexes with Bulky $\pi$ -Expansive Ligands: Phototoxicity without DNA Intercalation. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3919-3933	5.1	18
166	Exploring the structure of a ruthenium acetate cluster for biological purposes. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 114, 107810	3.1	3
165	Synthetic Strategies for Trapping the Elusive $\pi$ -Dirhodium(II,II) Formamidinate Isomer: Effects of Cis versus Trans Geometry on the Photophysical Properties. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 2255-2265	5.1	1
164	Single-chromophore single-molecule photocatalyst for the production of dihydrogen using low-energy light. <i>Nature Chemistry</i> , <b>2020</b> , 12, 180-185	17.6	39
163	Syntheses and electronic, electrochemical, and theoretical studies of a series of $\pi$ -exo-triruthenium carboxylates bearing orthometalated phenazines. <i>Dalton Transactions</i> , <b>2020</b> , 49, 1688-1698	4.3	1

162	Panchromatic dirhodium photocatalysts for dihydrogen generation with red light. <i>Chemical Science</i> , <b>2020</b> , 11, 9775-9783	9.4	4
161	Anticancer and antitrypanosomal activities of trinuclear ruthenium compounds with orthometalated phenazine ligands. <i>Dalton Transactions</i> , <b>2020</b> , 49, 16440-16452	4.3	5
160	Dynamic orientation control of bimolecular electron transfer at charged micelle surfaces.. <i>Journal of Chemical Physics</i> , <b>2020</b> , 153, 064302	3.9	3
159	The Influence of Some Axial Ligands on Ruthenium-Phthalocyanine Complexes: Chemical, Photochemical, and Photobiological Properties. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 595830	5.6	3
158	Selective Electrocatalytic Conversion of CO <sub>2</sub> to HCOOH by a Cationic Rh <sub>2</sub> (II,II) Complex. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 7306-7314	6.1	6
157	Unexpected Role of Ru(II) Orbital and Spin Contribution on Photoinduced Ligand Exchange: New Mechanism To Access the Photodynamic Therapy Window. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 10291-10299	3.8	18
156	Unusually Slow Internal Conversion in N-Heterocyclic Carbene/Carbanion Cyclometallated Ru(II) Complexes: A Hammett Relationship. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 2650-2660	2.8	7
155	Electron injection into titanium dioxide by panchromatic dirhodium photosensitizers with low energy red light. <i>Chemical Communications</i> , <b>2019</b> , 55, 10428-10431	5.8	3
154	Tunable Rh(II,II) Light Absorbers as Excited-State Electron Donors and Acceptors Accessible with Red/Near-Infrared Irradiation. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 5161-5170	16.4	27
153	DFT Investigation of Ligand Photodissociation in [Ru(tpy)(bpy)(py)] and [Ru(tpy)(Mebpy)(py)] Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 231-240	5.1	27
152	New Ligand Design Provides Delocalization and Promotes Strong Absorption throughout the Visible Region in a Ru(II) Complex. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 229-234	16.4	29
151	Ru(ii) polypyridyl complexes as photocages for bioactive compounds containing nitriles and aromatic heterocycles. <i>Chemical Communications</i> , <b>2018</b> , 54, 1280-1290	5.8	49
150	Photoactivation of imatinib-antibody conjugate using low-energy visible light from Ru(ii)-polypyridyl cages. <i>Chemical Communications</i> , <b>2018</b> , 54, 5193-5196	5.8	13
149	New Ru Scaffold for Photoinduced Ligand Release with Red Light in the Photodynamic Therapy (PDT) Window. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11550-11553	4.8	26
148	Photocatalytic H <sub>2</sub> production by dirhodium(ii,ii) photosensitizers with red light. <i>Chemical Communications</i> , <b>2018</b> , 54, 8332-8334	5.8	14
147	New Ru(ii) photocages operative with near-IR light: new platform for drug delivery in the PDT window. <i>Chemical Science</i> , <b>2018</b> , 9, 6711-6720	9.4	47
146	New Ru(ii) complex for dual photochemotherapy: release of cathepsin K inhibitor and O <sub>2</sub> production. <i>Dalton Transactions</i> , <b>2018</b> , 47, 11851-11858	4.3	19
145	Ru(II) Polypyridyl Complexes Derived from Tetradentate Ancillary Ligands for Effective Photocaging. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 1415-1421	24.3	44

144	Catch and Release Photosensitizers: Combining Dual-Action Ruthenium Complexes with Protease Inactivation for Targeting Invasive Cancers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14367-14380	16.4	53
143	An Overview Of Photosubstitution Reactions Of Ru(II) Imine Complexes And Their Application In Photobiology And Photodynamic Therapy. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 454, 7-20	2.7	95
142	Dual Photoreactivity of a New Rh(II,II) Complex for Biological Applications. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 454, 149-154	2.7	6
141	Illuminating cytochrome P450 binding: Ru(ii)-caged inhibitors of CYP17A1. <i>Chemical Communications</i> , <b>2017</b> , 53, 3673-3676	5.8	49
140	New Rh(II,II) Complexes for Solar Energy Applications: Panchromatic Absorption and Excited-State Reactivity. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 14724-14732	16.4	26
139	Unusual Role of Excited State Mixing in the Enhancement of Photoinduced Ligand Exchange in Ru(II) Complexes. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 18295-18306	16.4	18
138	Excited-State Intramolecular Proton-Transfer Properties of Three Tris(N-Salicylideneaniline)-Based Chromophores with Extended Conjugation. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 917-925	4.8	36
137	Validation of Ru(II)-caged Abiraterone as a Chemical Tool for Controlling CYP17A1 Activity with Visible Light. <i>FASEB Journal</i> , <b>2017</b> , 31, 669.2	0.9	
136	Effects of Methyl Substitution in Ruthenium Tris(2-pyridylmethyl)amine Photocaging Groups for Nitriles. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6968-79	5.1	18
135	Selective Release of Aromatic Heterocycles from Ruthenium Tris(2-pyridylmethyl)amine with Visible Light. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10-2	5.1	26
134	Insights from Theory and Experiment on the Photochromic spiro-Dihydropyrrolo-Pyridazine/Betaine System. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 875-83	2.8	10
133	Photoactivated inhibition of cathepsin K in a 3D tumor model. <i>Biological Chemistry</i> , <b>2016</b> , 397, 571-82	4.5	21
132	Electronic influences of bridging and chelating diimine ligand coordination in formamidinate-bridged Rh <sub>2</sub> (II,II) dimers. <i>Polyhedron</i> , <b>2016</b> , 103, 172-177	2.7	8
131	Design, synthesis, and evaluation of cisplatin-containing EGFR targeting bioconjugates as potential therapeutic agents for brain tumors. <i>OncoTargets and Therapy</i> , <b>2016</b> , 9, 2769-81	4.4	11
130	New Ru(II) Complex for Dual Activity: Photoinduced Ligand Release and (1)O <sub>2</sub> Production. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3704-8	4.8	45
129	Caging the uncageable: using metal complex release for photochemical control over irreversible inhibition. <i>Chemical Communications</i> , <b>2016</b> , 52, 12590-12593	5.8	30
128	Cationic dirhodium(ii,ii) complexes for the electrocatalytic reduction of CO to HCOOH. <i>Chemical Communications</i> , <b>2016</b> , 52, 12175-12178	5.8	20
127	Photoinduced interactions of two dirhodium complexes with d(GTCGAC) <sub>2</sub> probed by 2D NOESY. <i>Dalton Transactions</i> , <b>2015</b> , 44, 3640-6	4.3	6

126	New Ru(II) complexes for dual photoreactivity: ligand exchange and (1)O <sub>2</sub> generation. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 2280-7	24.3	135
125	Excited state investigation of a new Ru(II) complex for dual reactivity with low energy light. <i>Chemical Communications</i> , <b>2015</b> , 51, 8777-80	5.8	51
124	A dinuclear Ru(II) complex capable of photoinduced ligand exchange at both metal centers. <i>Chemical Communications</i> , <b>2015</b> , 51, 16522-5	5.8	7
123	New Rh <sub>2</sub> (II,II) Architecture for the Catalytic Reduction of H <sup>+</sup> . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10042-8	5.1	15
122	Selective Photodissociation of Acetonitrile Ligands in Ruthenium Polypyridyl Complexes Studied by Density Functional Theory. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 8003-11	5.1	34
121	Tumoricidal activity of low-energy 160-KV versus 6-MV X-rays against platinum-sensitized F98 glioma cells. <i>Journal of Radiation Research</i> , <b>2015</b> , 56, 77-89	2.4	10
120	Control and utilization of ruthenium and rhodium metal complex excited states for photoactivated cancer therapy. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 282-283, 110-126	23.2	295
119	Imaging Sites of Inhibition of Proteolysis in Pathomimetic Human Breast Cancer Cultures by Light-Activated Ruthenium Compound. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142527	3.7	19
118	Steric and Electronic Factors Associated with the Photoinduced Ligand Exchange of Bidentate Ligands Coordinated to Ru(II). <i>Photochemistry and Photobiology</i> , <b>2015</b> , 91, 616-23	3.6	5
117	Solid-phase synthesis as a platform for the discovery of new ruthenium complexes for efficient release of photocaged ligands with visible light. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 1901-11	5.1	18
116	Photoinduced intercalation and coordination of a dirhodium complex to DNA: dual DNA binding. <i>ChemMedChem</i> , <b>2014</b> , 9, 1260-5	3.7	16
115	Confocal fluorescence microscopy studies of a fluorophore-labeled dirhodium compound: visualizing metal-metal bonded molecules in lung cancer (A549) cells. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 7861-4	16.4	30
114	New cyclometallated Ru(II) complex for potential application in photochemotherapy?. <i>Photochemical and Photobiological Sciences</i> , <b>2014</b> , 13, 272-80	4.2	46
113	Preface to special issue on current topics in photochemistry. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 10299-300	2.8	
112	Unusually efficient pyridine photodissociation from Ru(II) complexes with sterically bulky bidentate ancillary ligands. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 10603-10	2.8	76
111	Marked improvement in photoinduced cell death by a new tris-heteroleptic complex with dual action: singlet oxygen sensitization and ligand dissociation. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17095-101	16.4	135
110	A tripodal peptide ligand for asymmetric Rh(II) catalysis highlights unique features of on-bead catalyst development. <i>Chemical Science</i> , <b>2014</b> , 5, 1401-1407	9.4	33
109	Directional charge transfer and highly reducing and oxidizing excited states of new dirhodium(II,II) complexes: potential applications in solar energy conversion. <i>Chemical Science</i> , <b>2014</b> , 5, 727-737	9.4	25

108	Ruthenium tris(2-pyridylmethyl)amine as an effective photocaging group for nitriles. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3272-4	5.1	44
107	Cytotoxicity Studies of Cyclometallated Ruthenium(II) Compounds: New Applications for Ruthenium Dyes. <i>Organometallics</i> , <b>2014</b> , 33, 1100-1103	3.8	87
106	Optimizing the electronic properties of photoactive anticancer oxypyridine-bridged dirhodium(II,II) complexes. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17058-70	16.4	28
105	Isomerization initiated by photoinduced ligand dissociation in Ru(II) complexes with the ligand 2-p-tolylpyridinecarboxaldimine. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17828-37	4.3	5
104	Inhibition of cathepsin activity in a cell-based assay by a light-activated ruthenium compound. <i>ChemMedChem</i> , <b>2014</b> , 9, 1306-15	3.7	50
103	Cellular toxicity induced by the photorelease of a caged bioactive molecule: design of a potential dual-action Ru(II) complex. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 11274-82	16.4	175
102	Photophysical properties of MM quadruply bonded complexes supported by carboxylate ligands, MM = Mo <sub>2</sub> , MoW, or W <sub>2</sub> . <i>Accounts of Chemical Research</i> , <b>2013</b> , 46, 529-38	24.3	30
101	Photoinduced ligand exchange and DNA binding of cis-[Ru(phpy)(phen)(CH <sub>3</sub> CN) <sub>2</sub> ] <sup>+</sup> with long wavelength visible light. <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 121, 77-87	4.2	36
100	Maleimide-functionalized photochromic spirodihydroindolizines. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 1903-9	4.2	13
99	Channel blocking of MspA revisited. <i>Langmuir</i> , <b>2013</b> , 29, 308-15	4	8
98	Selective photoinduced ligand exchange in a new tris-heteroleptic Ru(II) complex. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 13885-92	2.8	36
97	Photochemistry and DNA photocleavage by a new unsupported dirhodium(II,II) complex. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2013</b> , 371, 20120128	3	11
96	Cytotoxicity of cyclometallated ruthenium complexes: the role of ligand exchange on the activity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2013</b> , 371, 20120133	3	30
95	Molecular and electronic structures and photophysical properties of quadruply bonded dimetal complexes (M = Mo or W) supported by trans-arylethynylcarboxylate ligands where aryl = p-tolyl or 9-anthracenyl. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12270-81	4.3	9
94	Excited State Dynamics of Two New Ru(II) Cyclometallated Dyes: Relation to Cells for Solar Energy Conversion and Comparison to Conventional Systems. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 22186-22195	3.8	26
93	Photoinduced ligand exchange and covalent DNA binding by two new dirhodium bis-amidato complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 11882-90	5.1	22
92	2-(Pyridin-2-yl)-1,3-oxathiane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1675		1
91	Light activation of a cysteine protease inhibitor: caging of a peptidomimetic nitrile with Ru(II)(bpy) <sub>2</sub> . <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17164-7	16.4	112

90	[Ru(bpy) <sub>2</sub> (5-cyanouracil) <sub>2</sub> ] <sup>2+</sup> as a potential light-activated dual-action therapeutic agent. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9213-5	5.1	128
89	Insight into the photoinduced ligand exchange reaction pathway of cis-[Rh <sub>2</sub> (EO <sub>2</sub> CCH <sub>3</sub> ) <sub>2</sub> (CH <sub>3</sub> CN) <sub>6</sub> ] <sup>2+</sup> with a DNA model chelate. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12099-107	5.1	18
88	Absence of quenching by [Fe(CN) <sub>6</sub> ] <sup>4-</sup> is not proof of DNA intercalation. <i>Chemical Communications</i> , <b>2011</b> , 47, 1848-50	5.8	21
87	Effect of electronic structure on the photoinduced ligand exchange of Ru(II) polypyridine complexes. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 4384-91	5.1	69
86	Effect of intraligand delocalization on the photophysical properties of two new Ru(II) complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2011</b> , 217, 100-107	4.7	6
85	To intercalate or semiintercalate, or both?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 17573-4	11.5	14
84	Electronic tuning of ruthenium complexes by 8-quinolate ligands. <i>Photochemistry and Photobiology</i> , <b>2010</b> , 86, 1230-6	3.6	18
83	Molecular, electronic structure and spectroscopic properties of MM quadruply bonded units supported by trans-6-carboethoxy-2-carboxylatoazulene ligands. <i>Dalton Transactions</i> , <b>2010</b> , 39, 1979-84	4.3	12
82	Photophysical studies of trans-bis(phenylethynyl-diisopropylamidinato)bis(acetato)dimetal complexes involving MM quadruple bonds where M = Mo or W. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 12675-81	2.8	8
81	Electronic and Steric Effects on the Photoisomerization of Dimethylsulfoxide Complexes of Ru(II) Containing Picolate. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 3371-3375	6.4	27
80	Unusual photophysical properties of a ruthenium(II) complex related to [Ru(bpy) <sub>2</sub> (dppz)] <sup>2+</sup> . <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 4257-62	5.1	97
79	Highly solvent dependent luminescence from [Ru(bpy) <sub>n</sub> (dppp <sub>2</sub> )(3-n)] <sup>2+</sup> (n = 0-2). <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5025-32	5.1	45
78	Concerning the photophysical properties of Re <sup>2+</sup> (4+) and Re <sup>2+</sup> (6+) carboxylate compounds. <i>Dalton Transactions</i> , <b>2010</b> , 39, 11587-93	4.3	7
77	Ultrafast dynamics of the low-lying 3MLCT states of [Ru(bpy) <sub>2</sub> (dppp <sub>2</sub> )] <sup>2+</sup> . <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5594-5	16.4	74
76	Effect of ligands with extended π-system on the photophysical properties of Ru(II) complexes. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 14664-70	3.4	51
75	Photophysical properties, DNA photocleavage, and photocytotoxicity of a series of dppn dirhodium(II,II) complexes. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5371-6	5.1	66
74	Efficient DNA photocleavage by [Ru(bpy) <sub>2</sub> (dppn)] <sup>2+</sup> with visible light. <i>Chemical Communications</i> , <b>2010</b> , 46, 2426-8	5.8	173
73	DNA photocleavage by an osmium(II) complex in the PDT window. <i>Chemical Communications</i> , <b>2010</b> , 46, 6759-61	5.8	92

72	[Bis(trispiroalato dimolybdenum (II))-bis(4-carboxylato-2,2':6',2'-terpyridine) ruthenium (II)] (2+) Tetrafluoroborate: Photophysical Studies. <i>Journal of Cluster Science</i> , <b>2009</b> , 20, 307-317	3	1
71	Quadruply bonded dimetal units supported by 2,4,6-triisopropylbenzoates MM(TiPB)(4) (MM = Mo(2), MoW, and W(2)): preparation and photophysical properties. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 4394-95	5.1	32
70	Anticancer activity of heteroleptic diimine complexes of dirhodium: a study of intercalating properties, hydrophobicity and in cellulose activity. <i>Dalton Transactions</i> , <b>2009</b> , 10806-12	4.3	40
69	2-Thienylcarboxylato and 2-thienylthiocarboxylato ligands bonded to MM quadruple bonds (M = Mo or W): a comparison of ground state, spectroscopic and photoexcited state properties. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11187-95	5.1	21
68	Ultrafast ligand exchange: detection of a pentacoordinate Ru(II) intermediate and product formation. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 26-7	16.4	80
67	Ru(II) complexes of new tridentate ligands: unexpected high yield of sensitized $^{1}O_2$ . <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 375-85	5.1	138
66	Sexithiophenes mediated by MM quadruple bonds: MM = Mo <sub>2</sub> , MoW, and W <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8536-43	5.1	17
65	Photochromic ruthenium sulfoxide complexes: evidence for isomerization through a conical intersection. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8084-91	5.1	51
64	Theoretical insight on the S → O photoisomerization of DMSO complexes of Ru(II). <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 11002-6	2.8	41
63	Nuclear targets of photodynamic tridentate ruthenium complexes. <i>Dalton Transactions</i> , <b>2009</b> , 10926-31	4.3	53
62	Live cell cytotoxicity studies: documentation of the interactions of antitumor active dirhodium compounds with nuclear DNA. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11353-60	16.4	83
61	Redox-regulated inhibition of T7 RNA polymerase via establishment of disulfide linkages by substituted Dppz dirhodium(II,II) complexes. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 4435-44	5.1	29
60	Role of electronic structure on DNA light-switch behavior of Ru(II) intercalators. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6427-34	5.1	90
59	New insights in the photochromic spiro-dihydroindolizine/betaine-system. <i>Photochemical and Photobiological Sciences</i> , <b>2008</b> , 7, 1449-56	4.2	18
58	The remarkable influence of M <sub>2</sub> Δ to thienyl π conjugation in oligothiophenes incorporating MM quadruple bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15247-52	11.5	41
57	Intercalation is not required for DNA light-switch behavior. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1163-70	16.4	104
56	Effect of axial coordination on the electronic structure and biological activity of dirhodium(II,II) complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7494-502	5.1	52
55	Marked differences in light-switch behavior of Ru(II) complexes possessing a tridentate DNA intercalating ligand. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6011-21	5.1	97



54	Photoinduced DNA Cleavage and Cellular Damage in Human Dermal Fibroblasts by 2,3-Diaminophenazine $\pi$ . <i>Photochemistry and Photobiology</i> , <b>2007</b> , 81, 89-95	3.6	
53	Dirhodium(II,II) complexes: molecular characteristics that affect in vitro activity. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 6841-7	8.3	104
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51	Observation of 1MLCT and 3MLCT excited states in quadruply bonded Mo <sub>2</sub> and W <sub>2</sub> complexes. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 17343-52	16.4	52
50	Ruthenium(II) complexes of 1,12-diazaperylene and their interactions with DNA. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 5996-6003	5.1	115
49	Photoinduced one-electron reduction of alkyl halides by dirhodium(II,II) tetraformamidates and a related complex with visible light. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 5388-96	5.1	25
48	Chemical control of the DNA light switch: cycling the switch ON and OFF. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 10796-7	16.4	120
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46	Photoinduced DNA Cleavage and Cellular Damage in Human Dermal Fibroblasts by 2,3-Diaminophenazine $\pi$ . <i>Photochemistry and Photobiology</i> , <b>2005</b> , 81, 89	3.6	10
45	Dirhenium paddlewheel compounds supported by N,N'-dialkylbenzamidates: synthesis, structures, and photophysical properties. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7887-92	5.1	17
44	Effect of equatorial ligands of dirhodium(II,II) complexes on the efficiency and mechanism of transcription inhibition in vitro. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 1175-83	5.1	49
43	Direct DNA photocleavage by a new intercalating dirhodium(II/II) complex: comparison to Rh <sub>2</sub> ( $\mu$ -O <sub>2</sub> CCH <sub>3</sub> ) <sub>4</sub> . <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 2450-2	5.1	75
42	DNA binding and photocleavage in vitro by new dirhodium(II) dppz complexes: correlation to cytotoxicity and photocytotoxicity. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8510-9	5.1	165
41	Photoinitiated DNA Binding by cis-[Ru(bpy) <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ] <sup>2+</sup> . <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7260-2	5.1	120
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34	Tuning the Charge-Separated Lifetimes of Ruthenium(II)polypyridyl-Viologen Dyads and Ruthenium(II)polypyridyl-Viologen Triads by the Formation of Supramolecular Assemblies with Crown Ethers. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 9149-9158	2.8	14
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32	Excited State Properties of Rh <sub>2</sub> (O <sub>2</sub> CCH <sub>3</sub> ) <sub>4</sub> : Solution Photochemistry and Photoinitiated DNA Cleavage. <i>Comments on Inorganic Chemistry</i> , <b>2001</b> , 22, 393-426	3.9	16
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20	Reply to the Comment on Resonance Raman Investigation of Ru(phen) <sub>2</sub> dppz <sup>2+</sup> and Related Complexes in Water and in the Presence of DNA. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 6303-6303	3.4	6
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