

Claudia Turro

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179
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50
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g-index

186
ext. papers

8,028
ext. citations

7
avg, IF

6.16
L-index

#	Paper	IF	Citations
179	Control and utilization of ruthenium and rhodium metal complex excited states for photoactivated cancer therapy. <i>Coordination Chemistry Reviews</i> , 2015 , 282-283, 110-126	23.2	295
178	Photoinduced electron transfer mediated by a hydrogen-bonded interface. <i>Journal of the American Chemical Society</i> , 1992 , 114, 4013-4015	16.4	215
177	Proton Transfer Quenching of the MLCT Excited State of Ru(phen) ₂ dppz ²⁺ in Homogeneous Solution and Bound to DNA. <i>Journal of the American Chemical Society</i> , 1995 , 117, 9026-9032	16.4	198
176	Energy Transfer from Nucleic Acids to Tb(III): Selective Emission Enhancement by Single DNA Mismatches. <i>Journal of the American Chemical Society</i> , 1999 , 121, 1-7	16.4	190
175	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> , 2013 , 135, 11274-82	16.4	175
174	Efficient DNA photocleavage by [Ru(bpy) ₂ (dppn)] ²⁺ with visible light. <i>Chemical Communications</i> , 2010 , 46, 2426-8	5.8	173
173	DNA binding and photocleavage in vitro by new dirhodium(II) dppz complexes: correlation to cytotoxicity and photocytotoxicity. <i>Inorganic Chemistry</i> , 2004 , 43, 8510-9	5.1	165
172	Luminescence Quenching in Supramolecular Systems: A Comparison of DNA- and SDS Micelle-Mediated Photoinduced Electron Transfer between Metal Complexes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 2267-2274	16.4	149
171	Ru(II) complexes of new tridentate ligands: unexpected high yield of sensitized ¹ O ₂ . <i>Inorganic Chemistry</i> , 2009 , 48, 375-85	5.1	138
170	New Ru(II) complexes for dual photoreactivity: ligand exchange and (¹)O ₂ generation. <i>Accounts of Chemical Research</i> , 2015 , 48, 2280-7	24.3	135
169	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> , 2014 , 136, 17095-101	16.4	135
168	Oxygen quenching of electronically excited hexanuclear molybdenum and tungsten halide clusters. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 4500-4507		129
167	[Ru(bpy) ₂ (5-cyanouracil)] ²⁺ as a potential light-activated dual-action therapeutic agent. <i>Inorganic Chemistry</i> , 2011 , 50, 9213-5	5.1	128
166	Chemical control of the DNA light switch: cycling the switch ON and OFF. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10796-7	16.4	120
165	Photoinitiated DNA Binding by cis-[Ru(bpy) ₂ (NH ₃) ₂] ²⁺ . <i>Inorganic Chemistry</i> , 2004 , 43, 7260-2	5.1	120
164	Ruthenium(II) complexes of 1,12-diazaperylene and their interactions with DNA. <i>Inorganic Chemistry</i> , 2005 , 44, 5996-6003	5.1	115
163	Light activation of a cysteine protease inhibitor: caging of a peptidomimetic nitrile with Ru(II)(bpy) ₂ . <i>Journal of the American Chemical Society</i> , 2011 , 133, 17164-7	16.4	112

162	Dirhodium(II,II) complexes: molecular characteristics that affect in vitro activity. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 6841-7	8.3	104
161	Intercalation is not required for DNA light-switch behavior. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1163-70	16.4	104
160	Unusual photophysical properties of a ruthenium(II) complex related to [Ru(bpy) ₂ (dppz)] ²⁺ . <i>Inorganic Chemistry</i> , 2010 , 49, 4257-62	5.1	97
159	Marked differences in light-switch behavior of Ru(II) complexes possessing a tridentate DNA intercalating ligand. <i>Inorganic Chemistry</i> , 2007 , 46, 6011-21	5.1	97
158	An Overview Of Photosubstitution Reactions Of Ru(II) Imine Complexes And Their Application In Photobiology And Photodynamic Therapy. <i>Inorganica Chimica Acta</i> , 2017 , 454, 7-20	2.7	95
157	(2,4,6-Trimethylbenzoyl)diphenylphosphine Oxide Photochemistry. A Direct Time-Resolved Spectroscopic Study of Both Radical Fragments. <i>Journal of the American Chemical Society</i> , 1995 , 117, 5148-5153	16.4	95
156	Bimolecular Electron Transfer in the Marcus Inverted Region. <i>Journal of the American Chemical Society</i> , 1996 , 118, 6060-6067	16.4	94
155	DNA photocleavage by an osmium(II) complex in the PDT window. <i>Chemical Communications</i> , 2010 , 46, 6759-61	5.8	92
154	Role of electronic structure on DNA light-switch behavior of Ru(II) intercalators. <i>Inorganic Chemistry</i> , 2008 , 47, 6427-34	5.1	90
153	Cytotoxicity Studies of Cyclometallated Ruthenium(II) Compounds: New Applications for Ruthenium Dyes. <i>Organometallics</i> , 2014 , 33, 1100-1103	3.8	87
152	Live cell cytotoxicity studies: documentation of the interactions of antitumor active dirhodium compounds with nuclear DNA. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11353-60	16.4	83
151	Ultrafast ligand exchange: detection of a pentacoordinate Ru(II) intermediate and product formation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 26-7	16.4	80
150	Unusually efficient pyridine photodissociation from Ru(II) complexes with sterically bulky bidentate ancillary ligands. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 10603-10	2.8	76
149	cis-[Rh ₂ (μ-O ₂ CCH ₃) ₂ (CH ₃ CN) ₆] ²⁺ as a photoactivated cisplatin analog. <i>Journal of the American Chemical Society</i> , 2006 , 128, 738-9	16.4	75
148	Direct DNA photocleavage by a new intercalating dirhodium(II/II) complex: comparison to Rh ₂ (μ-O ₂ CCH ₃) ₄ . <i>Inorganic Chemistry</i> , 2004 , 43, 2450-2	5.1	75
147	Ultrafast dynamics of the low-lying 3MLCT states of [Ru(bpy) ₂ (dppp ₂)] ²⁺ . <i>Journal of the American Chemical Society</i> , 2010 , 132, 5594-5	16.4	74
146	Effect of electronic structure on the photoinduced ligand exchange of Ru(II) polypyridine complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 4384-91	5.1	69
145	Photophysical properties, DNA photocleavage, and photocytotoxicity of a series of dppn dirhodium(II,II) complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 5371-6	5.1	66

144	Inhibition of transcription in vitro by anticancer active dirhodium(II) complexes. <i>Inorganic Chemistry</i> , 2003 , 42, 1267-71	5.1	63
143	Photocytotoxicity of a new Rh ₂ (II,II) complex: increase in cytotoxicity upon irradiation similar to that of PDT agent hematoporphyrin. <i>Inorganic Chemistry</i> , 2005 , 44, 7262-4	5.1	62
142	Resonance Raman Investigation of Ru(phen) ₂ (dppz) ₂ ⁺ and Related Complexes in Water and in the Presence of DNA. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 6995-7000	3.4	61
141	Ru(bpy) ₃ ²⁺ /TiO ₂ -Codoped Zeolites: Synthesis, Characterization, and the Role of TiO ₂ in Electron Transfer Photocatalysis. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 5374-5382	3.4	59
140	Stabilization of duplex DNA structure and suppression of transcription in vitro by bis(quinone diimine) complexes of rhodium(III) and ruthenium(II). <i>Inorganic Chemistry</i> , 2003 , 42, 878-84	5.1	58
139	Resonance Raman Spectrum of the Phenanthroline Anion: Implications on Electron Delocalization in the MLCT Excited State of Ru(phen) ₃ (2+). <i>Inorganic Chemistry</i> , 1996 , 35, 5104-5106	5.1	55
138	Nuclear targets of photodynamic tridentate ruthenium complexes. <i>Dalton Transactions</i> , 2009 , 10926-31	4.3	53
137	Ground-State Properties and Excited-State Reactivity of 8-Quinolate Complexes of Ruthenium(II). <i>Inorganic Chemistry</i> , 1999 , 38, 6187-6192	5.1	53
136	Catch and Release Photosensitizers: Combining Dual-Action Ruthenium Complexes with Protease Inactivation for Targeting Invasive Cancers. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14367-14380	16.4	53
135	Effect of axial coordination on the electronic structure and biological activity of dirhodium(II,II) complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 7494-502	5.1	52
134	Observation of 1MLCT and 3MLCT excited states in quadruply bonded Mo ₂ and W ₂ complexes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17343-52	16.4	52
133	Excited state investigation of a new Ru(II) complex for dual reactivity with low energy light. <i>Chemical Communications</i> , 2015 , 51, 8777-80	5.8	51
132	Effect of ligands with extended π system on the photophysical properties of Ru(II) complexes. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 14664-70	3.4	51
131	Photochromic ruthenium sulfoxide complexes: evidence for isomerization through a conical intersection. <i>Inorganic Chemistry</i> , 2009 , 48, 8084-91	5.1	51
130	DNA photocleavage by a supramolecular Ru(II)-viologen complex. <i>Inorganic Chemistry</i> , 2002 , 41, 3808-10	5.1	51
129	Inhibition of cathepsin activity in a cell-based assay by a light-activated ruthenium compound. <i>ChemMedChem</i> , 2014 , 9, 1306-15	3.7	50
128	Illuminating cytochrome P450 binding: Ru(II)-caged inhibitors of CYP17A1. <i>Chemical Communications</i> , 2017 , 53, 3673-3676	5.8	49
127	Ru(II) polypyridyl complexes as photocages for bioactive compounds containing nitriles and aromatic heterocycles. <i>Chemical Communications</i> , 2018 , 54, 1280-1290	5.8	49

126	Effect of equatorial ligands of dirhodium(II,II) complexes on the efficiency and mechanism of transcription inhibition in vitro. <i>Inorganic Chemistry</i> , 2004 , 43, 1175-83	5.1	49
125	New Ru(II) photocages operative with near-IR light: new platform for drug delivery in the PDT window. <i>Chemical Science</i> , 2018 , 9, 6711-6720	9.4	47
124	Excited-state properties of Rh(II)(O(2)CCH(3))(4)(L)(2) (L = CH(3)OH, THF, PPh(3), py). <i>Inorganic Chemistry</i> , 2001 , 40, 1376-9	5.1	47
123	New cyclometallated Ru(II) complex for potential application in photochemotherapy?. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 272-80	4.2	46
122	Highly solvent dependent luminescence from [Ru(bpy)(n)(dppp2)(3-n)](2+) (n = 0-2). <i>Inorganic Chemistry</i> , 2010 , 49, 5025-32	5.1	45
121	New Ru(II) Complex for Dual Activity: Photoinduced Ligand Release and (1)O2 Production. <i>Chemistry - A European Journal</i> , 2016 , 22, 3704-8	4.8	45
120	Ru(II) Polypyridyl Complexes Derived from Tetradentate Ancillary Ligands for Effective Photocaging. <i>Accounts of Chemical Research</i> , 2018 , 51, 1415-1421	24.3	44
119	Ruthenium tris(2-pyridylmethyl)amine as an effective photocaging group for nitriles. <i>Inorganic Chemistry</i> , 2014 , 53, 3272-4	5.1	44
118	Luminescence Quenching of Ruthenium(II)tris(phenanthroline) by Cobalt(III)tris(phenanthroline) Bound to the Surface of Starburst Dendrimers. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 5088-5093	3.4	44
117	Theoretical insight on the S → O photoisomerization of DMSO complexes of Ru(II). <i>Journal of Physical Chemistry A</i> , 2009 , 113, 11002-6	2.8	41
116	The remarkable influence of M2delta to thienyl pi conjugation in oligothiophenes incorporating MM quadruple bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15247-52	11.5	41
115	New quinone diimine complex of zinc with pH-dependent emission in the visible region. <i>Inorganic Chemistry</i> , 2001 , 40, 2484-5	5.1	41
114	DNA cleavage by photogenerated Rh(II)(O(2)CCH(3))(4)(H(2)O)(2)(+). <i>Inorganic Chemistry</i> , 2001 , 40, 2476-71	5.1	41
113	Anticancer activity of heteroleptic diimine complexes of dirhodium: a study of intercalating properties, hydrophobicity and in cellulose activity. <i>Dalton Transactions</i> , 2009 , 10806-12	4.3	40
112	Excited state properties of Rh(phi)2(phen)3+ and related complexes: a strong photooxidant. <i>Inorganica Chimica Acta</i> , 1996 , 243, 101-108	2.7	40
111	Single-chromophore single-molecule photocatalyst for the production of dihydrogen using low-energy light. <i>Nature Chemistry</i> , 2020 , 12, 180-185	17.6	39
110	Photoinduced ligand exchange and DNA binding of cis-[Ru(phpy)(phen)(CH3CN)2]+ with long wavelength visible light. <i>Journal of Inorganic Biochemistry</i> , 2013 , 121, 77-87	4.2	36
109	Excited-State Intramolecular Proton-Transfer Properties of Three Tris(N-Salicylideneaniline)-Based Chromophores with Extended Conjugation. <i>Chemistry - A European Journal</i> , 2017 , 23, 917-925	4.8	36

108	Selective photoinduced ligand exchange in a new tris-heteroleptic Ru(II) complex. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 13885-92	2.8	36
107	Selective Photodissociation of Acetonitrile Ligands in Ruthenium Polypyridyl Complexes Studied by Density Functional Theory. <i>Inorganic Chemistry</i> , 2015 , 54, 8003-11	5.1	34
106	A tripodal peptide ligand for asymmetric Rh(II) catalysis highlights unique features of on-bead catalyst development. <i>Chemical Science</i> , 2014 , 5, 1401-1407	9.4	33
105	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> , 2009 , 48, 4394-9 ^{5.1}	5.1	32
104	Solution Photoreactivity of Phenanthrenequinone Diimine Complexes of Rhodium and Correlations with DNA Photocleavage and Photooxidation. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 5708-5715	2.8	32
103	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> , 2014 , 136, 7861-4	16.4	30
102	Photophysical properties of MM quadruply bonded complexes supported by carboxylate ligands, MM = Mo ₂ , MoW, or W ₂ . <i>Accounts of Chemical Research</i> , 2013 , 46, 529-38	24.3	30
101	Cytotoxicity of cyclometallated ruthenium complexes: the role of ligand exchange on the activity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013 , 371, 20120133 ³		30
100	Nitroxide-Labeled Ru(II) Polypyridyl Complexes as EPR Probes of Organized Systems. 3. Characterization of Starburst Dendrimers and Comparison to Photophysical Measurements. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 13667-13674		30
99	Caging the uncageable: using metal complex release for photochemical control over irreversible inhibition. <i>Chemical Communications</i> , 2016 , 52, 12590-12593	5.8	30
98	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> , 2018 , 140, 229-234	16.4	29
97	Redox-regulated Inhibition of T7 RNA polymerase via establishment of disulfide linkages by substituted Dppz dirhodium(II,II) complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 4435-44	5.1	29
96	Optimizing the electronic properties of photoactive anticancer oxypyridine-bridged dirhodium(II,II) complexes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17058-70	16.4	28
95	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> , 2018 , 140, 5161-5170	16.4	27
94	DFT Investigation of Ligand Photodissociation in [Ru(tpy)(bpy)(py)] and [Ru(tpy)(Mebpy)(py)] Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 231-240	5.1	27
93	Electronic and Steric Effects on the Photoisomerization of Dimethylsulfoxide Complexes of Ru(II) Containing Picolate. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 3371-3375	6.4	27
92	Bimolecular Electron Transfer Quenching of Neutral *Ru(phen) ₂ bps by 4,4'-Diheptyl Viologen in Water and Bound to SDS Micelles. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 5728-5733	2.8	27
91	New Rh(II,II) Complexes for Solar Energy Applications: Panchromatic Absorption and Excited-State Reactivity. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14724-14732	16.4	26

90	Selective Release of Aromatic Heterocycles from Ruthenium Tris(2-pyridylmethyl)amine with Visible Light. <i>Inorganic Chemistry</i> , 2016 , 55, 10-2	5.1	26
89	New Ru Scaffold for Photoinduced Ligand Release with Red Light in the Photodynamic Therapy (PDT) Window. <i>Chemistry - A European Journal</i> , 2018 , 24, 11550-11553	4.8	26
88	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> , 2012 , 116, 22186-22195	3.8	26
87	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> , 2014 , 5, 727-737	9.4	25
86	Photoinduced one-electron reduction of alkyl halides by dirhodium(II,II) tetraformamidinates and a related complex with visible light. <i>Inorganic Chemistry</i> , 2005 , 44, 5388-96	5.1	25
85	Transcription inhibition by Rh(phi)2(phen)3+. <i>Chemical Communications</i> , 2001 , 279-280	5.8	24
84	Photoinduced ligand exchange and covalent DNA binding by two new dirhodium bis-amidato complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 11882-90	5.1	22
83	Photoactivated inhibition of cathepsin K in a 3D tumor model. <i>Biological Chemistry</i> , 2016 , 397, 571-82	4.5	21
82	Absence of quenching by [Fe(CN)6]4- is not proof of DNA intercalation. <i>Chemical Communications</i> , 2011 , 47, 1848-50	5.8	21
81	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> , 2009 , 48, 11187-95	5.1	21
80	Cationic dirhodium(ii,ii) complexes for the electrocatalytic reduction of CO to HCOOH. <i>Chemical Communications</i> , 2016 , 52, 12175-12178	5.8	20
79	New Ru(ii) complex for dual photochemotherapy: release of cathepsin K inhibitor and O ₂ production. <i>Dalton Transactions</i> , 2018 , 47, 11851-11858	4.3	19
78	Imaging Sites of Inhibition of Proteolysis in Pathomimetic Human Breast Cancer Cultures by Light-Activated Ruthenium Compound. <i>PLoS ONE</i> , 2015 , 10, e0142527	3.7	19
77	Luminescent Ru(phen)n(bps)3-n2n-4 Complexes (n = 0-3) as Probes of Electrostatic and Hydrophobic Interactions with Micellar Media. <i>Inorganic Chemistry</i> , 1998 , 37, 2039-2046	5.1	19
76	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> , 2019 , 123, 10291-10299	3.8	18
75	Dual-Action Ru(II) Complexes with Bulky π -Expansive Ligands: Phototoxicity without DNA Intercalation. <i>Inorganic Chemistry</i> , 2020 , 59, 3919-3933	5.1	18
74	Effects of Methyl Substitution in Ruthenium Tris(2-pyridylmethyl)amine Photocaging Groups for Nitriles. <i>Inorganic Chemistry</i> , 2016 , 55, 6968-79	5.1	18
73	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> , 2017 , 139, 18295-18306	16.4	18

72	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> , 2015 , 54, 1901-11	5.1	18
71	Insight into the photoinduced ligand exchange reaction pathway of cis-[Rh2(EO2CCH3)2(CH3CN)6]2+ with a DNA model chelate. <i>Inorganic Chemistry</i> , 2011 , 50, 12099-107	5.1	18
70	Electronic tuning of ruthenium complexes by 8-quinolate ligands. <i>Photochemistry and Photobiology</i> , 2010 , 86, 1230-6	3.6	18
69	New insights in the photochromic spiro-dihydroindolizine/betaine-system. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 1449-56	4.2	18
68	Sexithiophenes mediated by MM quadruple bonds: MM = Mo2, MoW, and W2. <i>Inorganic Chemistry</i> , 2009 , 48, 8536-43	5.1	17
67	Dirhenium paddlewheel compounds supported by N,N'-dialkylbenzamidoates: synthesis, structures, and photophysical properties. <i>Inorganic Chemistry</i> , 2004 , 43, 7887-92	5.1	17
66	Photoinduced intercalation and coordination of a dirhodium complex to DNA: dual DNA binding. <i>ChemMedChem</i> , 2014 , 9, 1260-5	3.7	16
65	Excited State Properties of Rh2(O2CCH3)4: Solution Photochemistry and Photoinitiated DNA Cleavage. <i>Comments on Inorganic Chemistry</i> , 2001 , 22, 393-426	3.9	16
64	New Rh2(II,II) Architecture for the Catalytic Reduction of H+. <i>Inorganic Chemistry</i> , 2015 , 54, 10042-8	5.1	15
63	Ligand-Specific Charge Localization in the MLCT Excited State of Ru(bpy)2(dpphen)2+ Monitored by Time-Resolved Resonance Raman Spectroscopy. <i>Inorganic Chemistry</i> , 1994 , 33, 1344-1347	5.1	15
62	Photocatalytic H production by dirhodium(ii,ii) photosensitizers with red light. <i>Chemical Communications</i> , 2018 , 54, 8332-8334	5.8	14
61	To intercalate or semiintercalate, or both?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 17573-4	11.5	14
60	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> , 2002 , 106, 9149-9158	2.8	14
59	Effect of guest/host interactions on photoinduced electron transfer reactions. <i>Inorganica Chimica Acta</i> , 1996 , 252, 333-338	2.7	14
58	Photoinduced ligand dissociation follows reverse energy gap law: nitrile photodissociation from low energy MLCT excited states. <i>Chemical Communications</i> , 2020 , 56, 4070-4073	5.8	13
57	Photoactivation of imatinib-antibody conjugate using low-energy visible light from Ru(ii)-polypyridyl cages. <i>Chemical Communications</i> , 2018 , 54, 5193-5196	5.8	13
56	Maleimide-functionalized photochromic spirodihydroindolizines. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1903-9	4.2	13
55	Molecular, electronic structure and spectroscopic properties of MM quadruply bonded units supported by trans-6-carboethoxy-2-carboxylatoazulene ligands. <i>Dalton Transactions</i> , 2010 , 39, 1979-84	4.3	12

54	Photochemistry and DNA photocleavage by a new unsupported dirhodium(II,II) complex. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013 , 371, 20120128 ³		11
53	Direct observation of the luminescence from the (3)deltadelta excited state of Re(2)Cl(2)(p-OCH(3)form)(4). <i>Inorganic Chemistry</i> , 2003 , 42, 7360-2	5.1	11
52	Design, synthesis, and evaluation of cisplatin-containing EGFR targeting bioconjugates as potential therapeutic agents for brain tumors. <i>OncoTargets and Therapy</i> , 2016 , 9, 2769-81	4.4	11
51	Tumoricidal activity of low-energy 160-KV versus 6-MV X-rays against platinum-sensitized F98 glioma cells. <i>Journal of Radiation Research</i> , 2015 , 56, 77-89	2.4	10
50	Insights from Theory and Experiment on the Photochromic spiro-Dihydropyrrolo-Pyridazine/Betaine System. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 875-83	2.8	10
49	Photoinduced DNA Cleavage and Cellular Damage in Human Dermal Fibroblasts by 2,3-Diaminophenazine π . <i>Photochemistry and Photobiology</i> , 2005 , 81, 89	3.6	10
48	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> , 2012 , 41, 12270-81	4.3	9
47	Photoreduction of Diaryl Disulfides by Quadruply Bonded Dimolybdenum and Ditungsten Complexes. <i>Inorganic Chemistry</i> , 1995 , 34, 6186-6190	5.1	9
46	Electron transfer reactions of geminate pairs at high exergonicities. <i>Coordination Chemistry Reviews</i> , 1994 , 132, 249-258	23.2	9
45	Photosensitive Ru(II) Complexes as Inhibitors of the Major Human Drug Metabolizing Enzyme CYP3A4. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9191-9205	16.4	9
44	Dirhodium(II,II)/NiO Photocathode for Photoelectrocatalytic Hydrogen Evolution with Red Light. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1610-1617	16.4	9
43	Electronic influences of bridging and chelating diimine ligand coordination in formamidinate-bridged Rh ₂ (II,II) dimers. <i>Polyhedron</i> , 2016 , 103, 172-177	2.7	8
42	Channel blocking of MspA revisited. <i>Langmuir</i> , 2013 , 29, 308-15	4	8
41	Photophysical studies of trans-bis(phenylethynyl-diisopropylamido)bis(acetato)dimetal complexes involving MM quadruple bonds where M = Mo or W. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 12675-81	2.8	8
40	Synthesis and Characterization of Nitroxide-Linked Ruthenium Complexes as Molecular Probes for Microheterogeneous Environments. <i>Synthesis</i> , 1996 , 1996, 1313-1319	2.9	8
39	Vectorial PET in LB bilayers and in vesicles: nanosecond fluorescence and laser flash-photolysis investigation. <i>Thin Solid Films</i> , 1996 , 284-285, 718-722	2.2	8
38	Photoredox Chemistry of d ₄ Bimetallic Systems. <i>Advances in Chemistry Series</i> , 1993 , 147-163		8
37	Unusually Slow Internal Conversion in N-Heterocyclic Carbene/Carbanion Cyclometallated Ru(II) Complexes: A Hammett Relationship. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 2650-2660	2.8	7

36	A dinuclear Ru(II) complex capable of photoinduced ligand exchange at both metal centers. <i>Chemical Communications</i> , 2015 , 51, 16522-5	5.8	7
35	Concerning the photophysical properties of Re ₂ (4+) and Re ₂ (6+) carboxylate compounds. <i>Dalton Transactions</i> , 2010 , 39, 11587-93	4.3	7
34	Dual Photoreactivity of a New Rh(II,II) Complex for Biological Applications. <i>Inorganica Chimica Acta</i> , 2017 , 454, 149-154	2.7	6
33	Selective Electrocatalytic Conversion of CO ₂ to HCOOH by a Cationic Rh ₂ (II,II) Complex. <i>ACS Applied Energy Materials</i> , 2019 , 2, 7306-7314	6.1	6
32	Photoinduced interactions of two dirhodium complexes with d(GTCGAC) ₂ probed by 2D NOESY. <i>Dalton Transactions</i> , 2015 , 44, 3640-6	4.3	6
31	Effect of intraligand delocalization on the photophysical properties of two new Ru(II) complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 217, 100-107	4.7	6
30	Reply to the Comment on Resonance Raman Investigation of Ru(phen) ₂ dppz ₂ ⁺ and Related Complexes in Water and in the Presence of DNA. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 6303-6303	3.4	6
29	Ground state and photophysical properties of Ru(phen) ₂ qu ⁺ : a strong excited state electron donor. <i>Inorganic Chemistry Communication</i> , 1999 , 2, 354-357	3.1	6
28	Steric and Electronic Factors Associated with the Photoinduced Ligand Exchange of Bidentate Ligands Coordinated to Ru(II). <i>Photochemistry and Photobiology</i> , 2015 , 91, 616-23	3.6	5
27	Isomerization initiated by photoinduced ligand dissociation in Ru(II) complexes with the ligand 2-p-tolylpyridinecarboxaldimine. <i>Dalton Transactions</i> , 2014 , 43, 17828-37	4.3	5
26	Anticancer and antitrypanosomal activities of trinuclear ruthenium compounds with orthometalated phenazine ligands. <i>Dalton Transactions</i> , 2020 , 49, 16440-16452	4.3	5
25	Trifluoromethyl substitution enhances photoinduced activity against breast cancer cells but reduces ligand exchange in Ru(II) complex. <i>Chemical Science</i> , 2021 , 12, 12056-12067	9.4	5
24	Panchromatic dirhodium photocatalysts for dihydrogen generation with red light. <i>Chemical Science</i> , 2020 , 11, 9775-9783	9.4	4
23	Unsymmetrical dirhodium single molecule photocatalysts for H ₂ production with low energy light. <i>Chemical Communications</i> , 2021 , 57, 2061-2064	5.8	4
22	Lanthanide ions as luminescent probes of proteins and nucleic acids. <i>Metal Ions in Biological Systems</i> , 2003 , 40, 323-53		4
21	Exploring the structure of a ruthenium acetate cluster for biological purposes. <i>Inorganic Chemistry Communication</i> , 2020 , 114, 107810	3.1	3
20	Electron injection into titanium dioxide by panchromatic dirhodium photosensitizers with low energy red light. <i>Chemical Communications</i> , 2019 , 55, 10428-10431	5.8	3
19	Dynamic orientation control of bimolecular electron transfer at charged micelle surfaces.. <i>Journal of Chemical Physics</i> , 2020 , 153, 064302	3.9	3

18	Dirhodium Complexes as Panchromatic Sensitizers, Electrocatalysts, and Photocatalysts. <i>Chemistry - A European Journal</i> , 2021 , 27, 5379-5387	4.8	3
17	The Influence of Some Axial Ligands on Ruthenium-Phthalocyanine Complexes: Chemical, Photochemical, and Photobiological Properties. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 595830	5.6	3
16	Two-photon-absorbing ruthenium complexes enable near infrared light-driven photocatalysis.. <i>Nature Communications</i> , 2022 , 13, 2288	17.4	3
15	Elucidation of acceptor-acceptor interactions in a Ru(II) supramolecular photosynthetic model complex. <i>Chemical Communications</i> , 1999 , 2487-2488	5.8	2
14	Photocytotoxicity and photoinduced phosphine ligand exchange in a Ru(II) polypyridyl complex.. <i>Chemical Science</i> , 2022 , 13, 1933-1945	9.4	2
13	Photoredox Chemistry of Two-Electron Mixed Valence Systems 1991 , 91-106		2
12	Synthetic Strategies for Trapping the Elusive -Dirhodium(II,II) Formamidinate Isomer: Effects of Cis versus Trans Geometry on the Photophysical Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 2255-2265	5.1	1
11	[Bis(tris(phenyl)phosphine)dimolybdenum (II)]-Bis(4-carboxylato-2,2',6',2'-terpyridine) ruthenium (II)] (2+) Tetrafluoroborate: Photophysical Studies. <i>Journal of Cluster Science</i> , 2009 , 20, 307-317	3	1
10	2-(Pyridin-2-yl)-1,3-oxathiane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1675		1
9	Syntheses and electronic, electrochemical, and theoretical studies of a series of bis-triruthenium carboxylates bearing orthometalated phenazines. <i>Dalton Transactions</i> , 2020 , 49, 1688-1698	4.3	1
8	Dirhodium complexes as electrocatalysts for CO reduction to HCOOH: role of steric hindrance on selectivity. <i>Chemical Communications</i> , 2021 , 57, 1635-1638	5.8	1
7	Unlocking the Potential of Ru(II) Dual-Action Compounds with the Power of the Heavy Atom Effect. <i>Photochemistry and Photobiology</i> , 2021 ,	3.6	1
6	Preface to special issue on current topics in photochemistry. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 10299-300	2.8	
5	Photoinduced DNA Cleavage and Cellular Damage in Human Dermal Fibroblasts by 2,3-Diaminophenazine. <i>Photochemistry and Photobiology</i> , 2007 , 81, 89-95	3.6	
4	Observation of the photogenerated CO-loss intermediate from [CpFe(CO)] ₂ (CO)(ECHCH ₃) via time-resolved IR spectroscopy. <i>Inorganica Chimica Acta</i> , 2002 , 334, 371-375	2.7	
3	Validation of Ru(II)-caged Abiraterone as a Chemical Tool for Controlling CYP17A1 Activity with Visible Light. <i>FASEB Journal</i> , 2017 , 31, 669.2	0.9	
2	Fixing photocatalysts.. <i>Nature Chemistry</i> , 2022 , 14, 487-488	17.6	
1	Ruthenium complexes for photoactivated dual activity: Drug delivery and singlet oxygen generation. <i>Advances in Inorganic Chemistry</i> , 2022 ,	2.1	

