

# Claudia Turro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8713930/publications.pdf>

Version: 2024-02-01

183  
papers

8,665  
citations

31902

53  
h-index

53109

85  
g-index

186  
all docs

186  
docs citations

186  
times ranked

6085  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	9.5	342
2	Photoinduced electron transfer mediated by a hydrogen-bonded interface. <i>Journal of the American Chemical Society</i> , 1992, 114, 4013-4015.	6.6	243
3	Proton Transfer Quenching of the MLCT Excited State of Ru(phen) <sub>2</sub> dppz <sup>2+</sup> in Homogeneous Solution and Bound to DNA. <i>Journal of the American Chemical Society</i> , 1995, 117, 9026-9032.	6.6	222
4	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.	6.6	215
5	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, 11274-11282.	6.6	199
6	Efficient DNA photocleavage by [Ru(bpy) <sub>2</sub> (dppn)] <sup>2+</sup> with visible light. <i>Chemical Communications</i> , 2010, 46, 2426.	2.2	185
7	DNA Binding and Photocleavage in Vitro by New Dirhodium(II) dppz Complexes: Correlation to Cytotoxicity and Photocytotoxicity. <i>Inorganic Chemistry</i> , 2004, 43, 8510-8519.	1.9	178
8	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, 17095-17101.	6.6	169
9	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.	6.6	165
10	New Ru(II) Complexes for Dual Photoreactivity: Ligand Exchange and <sup>1</sup> O <sub>2</sub> Generation. <i>Accounts of Chemical Research</i> , 2015, 48, 2280-2287.	7.6	159
11	Ru(II) Complexes of New Tridentate Ligands: Unexpected High Yield of Sensitized <sup>1</sup> O <sub>2</sub> . <i>Inorganic Chemistry</i> , 2009, 48, 375-385.	1.9	154
12	Oxygen quenching of electronically excited hexanuclear molybdenum and tungsten halide clusters. <i>The Journal of Physical Chemistry</i> , 1990, 94, 4500-4507.	2.9	148
13	[Ru(bpy) <sub>2</sub> (5-cyanouracil)] <sup>2+</sup> as a Potential Light-Activated Dual-Action Therapeutic Agent. <i>Inorganic Chemistry</i> , 2011, 50, 9213-9215.	1.9	147
14	Photoinitiated DNA Binding by bis-[Ru(bpy) <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ] <sup>2+</sup> . <i>Inorganic Chemistry</i> , 2004, 43, 7260-7262.	1.9	128
15	Chemical Control of the DNA Light Switch: Cycling the Switch ON and OFF. <i>Journal of the American Chemical Society</i> , 2005, 127, 10796-10797.	6.6	124
16	Light Activation of a Cysteine Protease Inhibitor: Caging of a Peptidomimetic Nitrile with Ru <sup>II</sup> (bpy) <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2011, 133, 17164-17167.	6.6	122
17	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.	1.2	121
18	Ruthenium(II) Complexes of 1,12-Diazaperylene and Their Interactions with DNA. <i>Inorganic Chemistry</i> , 2005, 44, 5996-6003.	1.9	118

#	ARTICLE	IF	CITATIONS
19	Bimolecular Electron Transfer in the Marcus Inverted Region. <i>Journal of the American Chemical Society</i> , 1996, 118, 6060-6067.	6.6	112
20	(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.	6.6	111
21	Dirhodium(II,II) Complexes: A Molecular Characteristics that Affect in Vitro Activity. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6841-6847.	2.9	110
22	Intercalation Is Not Required for DNA Light-Switch Behavior. <i>Journal of the American Chemical Society</i> , 2008, 130, 1163-1170.	6.6	106
23	Marked Differences in Light-Switch Behavior of Ru(II) Complexes Possessing a Tridentate DNA Intercalating Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 6011-6021.	1.9	104
24	Unusual Photophysical Properties of a Ruthenium(II) Complex Related to [Ru(bpy) <sub>2</sub> (dppz)] <sup>2+</sup> . <i>Inorganic Chemistry</i> , 2010, 49, 4257-4262.	1.9	104
25	Role of Electronic Structure on DNA Light-Switch Behavior of Ru(II) Intercalators. <i>Inorganic Chemistry</i> , 2008, 47, 6427-6434.	1.9	97
26	DNA photocleavage by an osmium(ii) complex in the PDT window. <i>Chemical Communications</i> , 2010, 46, 6759.	2.2	95
27	Cytotoxicity Studies of Cyclometallated Ruthenium(II) Compounds: New Applications for Ruthenium Dyes. <i>Organometallics</i> , 2014, 33, 1100-1103.	1.1	93
28	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, 11353-11360.	6.6	92
29	Unusually Efficient Pyridine Photodissociation from Ru(II) Complexes with Sterically Bulky Bidentate Ancillary Ligands. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10603-10610.	1.1	92
30	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.	6.6	92
31	Ultrafast Ligand Exchange: Detection of a Pentacoordinate Ru(II) Intermediate and Product Formation. <i>Journal of the American Chemical Society</i> , 2009, 131, 26-27.	6.6	89
32	cis-[Rh <sub>2</sub> ( $\eta^4$ -O <sub>2</sub> CCH <sub>3</sub> ) <sub>2</sub> (CH <sub>3</sub> CN) <sub>6</sub> ] <sup>2+</sup> as a Photoactivated Cisplatin Analog. <i>Journal of the American Chemical Society</i> , 2006, 128, 738-739.	6.6	80
33	Ultrafast Dynamics of the Low-Lying <sup>3</sup> MLCT States of [Ru(bpy) <sub>2</sub> (dppp)] <sup>2+</sup> . <i>Journal of the American Chemical Society</i> , 2010, 132, 5594-5595.	6.6	77
34	Effect of Electronic Structure on the Photoinduced Ligand Exchange of Ru(II) Polypyridine Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 4384-4391.	1.9	77
35	Direct DNA Photocleavage by a New Intercalating Dirhodium(II/II) Complex: A Comparison to Rh <sub>2</sub> ( $\eta^4$ -O <sub>2</sub> CCH <sub>3</sub> ) <sub>4</sub> . <i>Inorganic Chemistry</i> , 2004, 43, 2450-2452.	1.9	76
36	Photophysical Properties, DNA Photocleavage, and Photocytotoxicity of a Series of Dppn Dirhodium(II,II) Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 5371-5376.	1.9	73

#	ARTICLE	IF	CITATIONS
37	New Ru( $\text{bpy}$ ) <sub>2</sub> photocages operative with near-IR light: new platform for drug delivery in the PDT window. <i>Chemical Science</i> , 2018, 9, 6711-6720.	3.7	71
38	Inhibition of Transcription in Vitro by Anticancer Active Dirhodium(II) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 1267-1271.	1.9	70
39	Ru( $\text{bpy}$ ) <sub>2</sub> polypyridyl complexes as photocages for bioactive compounds containing nitriles and aromatic heterocycles. <i>Chemical Communications</i> , 2018, 54, 1280-1290.	2.2	68
40	Ru( $\text{bpy}$ ) <sub>2</sub> /TiO <sub>2</sub> -Codoped Zeolites: Synthesis, Characterization, and the Role of TiO <sub>2</sub> in Electron Transfer Photocatalysis. <i>Journal of Physical Chemistry B</i> , 2001, 105, 5374-5382.	1.2	66
41	Resonance Raman Investigation of Ru(phen) <sub>2</sub> (dppz) <sub>2</sub> and Related Complexes in Water and in the Presence of DNA. <i>Journal of Physical Chemistry B</i> , 1997, 101, 6995-7000.	1.2	65
42	Photocytotoxicity of a New Rh <sub>2</sub> (II,II) Complex: Increase in Cytotoxicity upon Irradiation Similar to That of PDT Agent Hematoporphyrin. <i>Inorganic Chemistry</i> , 2005, 44, 7262-7264.	1.9	65
43	Ru(II) Polypyridyl Complexes Derived from Tetradentate Ancillary Ligands for Effective Photocaging. <i>Accounts of Chemical Research</i> , 2018, 51, 1415-1421.	7.6	64
44	Single-chromophore single-molecule photocatalyst for the production of dihydrogen using low-energy light. <i>Nature Chemistry</i> , 2020, 12, 180-185.	6.6	62
45	Stabilization of Duplex DNA Structure and Suppression of Transcription in Vitro by Bis(quinone) Tj ETQq1 1 0.784314 rgBT / Overlock 1.9 61	1.9	61
46	Excited state investigation of a new Ru( $\text{bpy}$ ) <sub>2</sub> complex for dual reactivity with low energy light. <i>Chemical Communications</i> , 2015, 51, 8777-8780.	2.2	61
47	Illuminating cytochrome P450 binding: Ru( $\text{bpy}$ ) <sub>2</sub> -caged inhibitors of CYP17A1. <i>Chemical Communications</i> , 2017, 53, 3673-3676.	2.2	61
48	Resonance Raman Spectrum of the Phenanthroline Anion: Implications on Electron Delocalization in the MLCT Excited State of Ru(phen) <sub>3</sub> <sup>2+</sup> . <i>Inorganic Chemistry</i> , 1996, 35, 5104-5106.	1.9	59
49	Nuclear targets of photodynamic tridentate ruthenium complexes. <i>Dalton Transactions</i> , 2009, , 10926.	1.6	59
50	Effect of Axial Coordination on the Electronic Structure and Biological Activity of Dirhodium(II,II) Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 7494-7502.	1.9	57
51	Effect of Ligands with Extended $\pi$ -System on the Photophysical Properties of Ru(II) Complexes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14664-14670.	1.2	57
52	Inhibition of Cathepsin Activity in a Cell-Based Assay by a Light-Activated Ruthenium Compound. <i>ChemMedChem</i> , 2014, 9, 1306-1315.	1.6	56
53	Ground-State Properties and Excited-State Reactivity of 8-Quinolate Complexes of Ruthenium(II). <i>Inorganic Chemistry</i> , 1999, 38, 6187-6192.	1.9	54
54	DNA Photocleavage by a Supramolecular Ru(II)-Viologen Complex. <i>Inorganic Chemistry</i> , 2002, 41, 3808-3810.	1.9	54

#	ARTICLE	IF	CITATIONS
55	Ruthenium Tris(2-pyridylmethyl)amine as an Effective Photocaging Group for Nitriles. <i>Inorganic Chemistry</i> , 2014, 53, 3272-3274.	1.9	54
56	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> , 2005, 127, 17343-17352.	6.6	53
57	New cyclometallated Ru(II) complex for potential application in photochemotherapy?. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 272-280.	1.6	53
58	New Ru <sup>II</sup> Complex for Dual Activity: Photoinduced Ligand Release and <sup>1</sup> O <sub>2</sub> Production. <i>Chemistry - A European Journal</i> , 2016, 22, 3704-3708.	1.7	53
59	Photochromic Ruthenium Sulfoxide Complexes: Evidence for Isomerization Through a Conical Intersection. <i>Inorganic Chemistry</i> , 2009, 48, 8084-8091.	1.9	52
60	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, 1175-1183.	1.9	51
61	Excited-State Properties of Rh <sub>2</sub> (O <sub>2</sub> CCH <sub>3</sub> ) <sub>4</sub> (L) <sub>2</sub> (L = CH <sub>3</sub> OH, THF, PPh <sub>3</sub> , py). <i>Inorganic Chemistry</i> , 2001, 40, 1376-1379.	1.9	50
62	Highly Solvent Dependent Luminescence from [Ru(bpy) <sub>2</sub> (dppp) <sub>2</sub> ] <sup>2+</sup> ( <i>n</i> = 0, 1, 2). <i>Inorganic Chemistry</i> , 2010, 49, 5025-5032.	1.9	50
63	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.	1.2	49
64	Anticancer activity of heteroleptic diimine complexes of dirhodium: A study of intercalating properties, hydrophobicity and in cellulose activity. <i>Dalton Transactions</i> , 2009, , 10806.	1.6	48
65	DNA Cleavage by Photogenerated Rh <sub>2</sub> (O <sub>2</sub> CCH <sub>3</sub> ) <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> <sup>+</sup> . <i>Inorganic Chemistry</i> , 2001, 40, 2476-2477.	1.9	46
66	Theoretical Insight on the S <sub>1</sub> → S <sub>0</sub> Photoisomerization of DMSO Complexes of Ru(II). <i>Journal of Physical Chemistry A</i> , 2009, 113, 11002-11006.	1.1	45
67	Excited state properties of Rh(phen) <sub>2</sub> (phen) <sub>3</sub> <sup>+</sup> and related complexes: a strong photooxidant. <i>Inorganica Chimica Acta</i> , 1996, 243, 101-108.	1.2	44
68	The remarkable influence of M <sub>2</sub> L <sub>2</sub> 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> , 2008, 105, 15247-15252.	3.3	44
69	New Quinone Diimine Complex of Zinc with pH-Dependent Emission in the Visible Region. <i>Inorganic Chemistry</i> , 2001, 40, 2484-2485.	1.9	42
70	Excited-State Intramolecular Proton Transfer Properties of Three Tris(N-silylideneaniline)-Based Chromophores with Extended Conjugation. <i>Chemistry - A European Journal</i> , 2017, 23, 917-925.	1.7	41
71	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.	3.7	40
72	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> , 2013, 121, 77-87.	1.5	39

#	ARTICLE	IF	CITATIONS
73	Selective Photoinduced Ligand Exchange in a New Trisâ€“Heteroleptic Ru(II) Complex. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13885-13892.	1.1	39
74	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.	6.6	39
75	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.	1.1	38
76	Selective Photodissociation of Acetonitrile Ligands in Ruthenium Polypyridyl Complexes Studied by Density Functional Theory. <i>Inorganic Chemistry</i> , 2015, 54, 8003-8011.	1.9	38
77	New Ru <sup>II</sup> Scaffold for Photoinduced Ligand Release with Red Light in the Photodynamic Therapy (PDT) Window. <i>Chemistry - A European Journal</i> , 2018, 24, 11550-11553.	1.7	38
78	Optimizing the Electronic Properties of Photoactive Anticancer Oxypyridine-Bridged Dirhodium(II,II) Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 17058-17070.	6.6	37
79	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.	6.6	37
80	Caging the uncageable: using metal complex release for photochemical control over irreversible inhibition. <i>Chemical Communications</i> , 2016, 52, 12590-12593.	2.2	36
81	New Rh <sub>2</sub> (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.	6.6	36
82	DFT Investigation of Ligand Photodissociation in [Ru <sup>II</sup> (tpy)(bpy)(py)] <sup>2+</sup> and [Ru <sup>II</sup> (tpy)(Me <sub>2</sub> bpy)(py)] <sup>2+</sup> Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 231-240.	1.9	35
83	New Ru(II) complex for dual photochemotherapy: release of cathepsin K inhibitor and <sup>1</sup> O <sub>2</sub> production. <i>Dalton Transactions</i> , 2018, 47, 11851-11858.	1.6	34
84	Quadruply Bonded Dimetal Units Supported by 2,4,6-Trisopropylbenzoates MM(TIPB) <sub>4</sub> (MM = Mo <sub>2</sub> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	33
85	Dual-Action Ru(II) Complexes with Bulky ï€-Expansive Ligands: Phototoxicity without DNA Intercalation. <i>Inorganic Chemistry</i> , 2020, 59, 3919-3933.	1.9	33
86	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.	2.9	32
87	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> , 2013, 46, 529-538.	7.6	32
88	Confocal Fluorescence Microscopy Studies of a Fluorophore-Labeled Dirhodium Compound: Visualizing Metalâ€“Metal Bonded Molecules in Lung Cancer (A549) Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 7861-7864.	6.6	32
89	Two-photon-absorbing ruthenium complexes enable near infrared light-driven photocatalysis. <i>Nature Communications</i> , 2022, 13, 2288.	5.8	32
90	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, 20120135.	1.6	31

#	ARTICLE	IF	CITATIONS
91	Directional charge transfer and highly reducing and oxidizing excited states of new dirhodium( $\text{d}^2$ ) complexes: potential applications in solar energy conversion. <i>Chemical Science</i> , 2014, 5, 727-737.	3.7	31
92	Tunable $\text{Rh}^{2+}$ (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.	6.6	31
93	Bimolecular Electron Transfer Quenching of Neutral $\text{Ru}(\text{phen})_2$ by 4,4'-Diheptyl Viologen in Water and Bound to SDS Micelles. <i>Journal of Physical Chemistry A</i> , 1998, 102, 5728-5733.	1.1	30
94	Electronic and Steric Effects on the Photoisomerization of Dimethylsulfoxide Complexes of Ru(II) Containing Picolinate. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3371-3375.	2.1	30
95	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, 4435-4444.	1.9	29
96	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.	1.5	29
97	Selective Release of Aromatic Heterocycles from Ruthenium Tris(2-pyridylmethyl)amine with Visible Light. <i>Inorganic Chemistry</i> , 2016, 55, 10-12.	1.9	29
98	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.	1.5	28
99	Dirhodium(II,II)/NiO Photocathode for Photoelectrocatalytic Hydrogen Evolution with Red Light. <i>Journal of the American Chemical Society</i> , 2021, 143, 1610-1617.	6.6	28
100	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, 5388-5396.	1.9	27
101	Cationic dirhodium( $\text{d}^2$ ) complexes for the electrocatalytic reduction of $\text{CO}_2$ to HCOOH. <i>Chemical Communications</i> , 2016, 52, 12175-12178.	2.2	27
102	Photoinduced ligand dissociation follows reverse energy gap law: nitrile photodissociation from low energy $\text{d}^3$ -MLCT excited states. <i>Chemical Communications</i> , 2020, 56, 4070-4073.	2.2	26
103	Transcription inhibition by $\text{Rh}(\text{phen})_2^+$ . <i>Chemical Communications</i> , 2001, , 279-280.	2.2	24
104	Effects of Methyl Substitution in Ruthenium Tris(2-pyridylmethyl)amine Photocaging Groups for Nitriles. <i>Inorganic Chemistry</i> , 2016, 55, 6968-6979.	1.9	24
105	Photoactivated inhibition of cathepsin K in a 3D tumor model. <i>Biological Chemistry</i> , 2016, 397, 571-582.	1.2	24
106	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.	6.6	23
107	Photoactivation of imatinib antibody conjugate using low-energy visible light from Ru( $\text{d}^2$ )-polypyridyl cages. <i>Chemical Communications</i> , 2018, 54, 5193-5196.	2.2	23
108	2-Thienylcarboxylato and 2-Thienylthiocarboxylato Ligands Bonded to MM Quadruple Bonds (M = Mo) <i>Tj ETQqO O O rgBT /Overlock 10 T</i> <i>Chemistry</i> , 2009, 48, 11187-11195.	1.9	22

#	ARTICLE	IF	CITATIONS
109	Absence of quenching by $[\text{Fe}(\text{CN})_6]^{4-}$ is not proof of DNA intercalation. <i>Chemical Communications</i> , 2011, 47, 1848.	2.2	22
110	Photoinduced Ligand Exchange and Covalent DNA Binding by Two New Dirhodium Bis-Amidato Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 11882-11890.	1.9	22
111	Luminescent $\text{Ru}(\text{phen})_n(\text{bps})_{3-n} \text{Ru}(\text{phen})_n(\text{bps})_{3-n} \text{Ru}(\text{phen})_n(\text{bps})_{3-n}$ Complexes ( $n = 0-3$ ) as Probes of Electrostatic and Hydrophobic Interactions with Micellar Media. <i>Inorganic Chemistry</i> , 1998, 37, 2039-2046.	1.9	21
112	New $\text{Rh}_2(\text{II,II})$ Architecture for the Catalytic Reduction of $\text{H}^+$ . <i>Inorganic Chemistry</i> , 2015, 54, 10042-10048.	1.9	21
113	Photocytotoxicity and photoinduced phosphine ligand exchange in a $\text{Ru}(\text{polypyridyl})_2$ complex. <i>Chemical Science</i> , 2022, 13, 1933-1945.	3.7	21
114	Ligand-Specific Charge Localization in the MLCT Excited State of $\text{Ru}(\text{bpy})_2(\text{dpphen})_2^+$ Monitored by Time-Resolved Resonance Raman Spectroscopy. <i>Inorganic Chemistry</i> , 1994, 33, 1344-1347.	1.9	20
115	Imaging Sites of Inhibition of Proteolysis in Pathomimetic Human Breast Cancer Cultures by Light-Activated Ruthenium Compound. <i>PLoS ONE</i> , 2015, 10, e0142527.	1.1	20
116	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, 1901-1911.	1.9	20
117	Dirhenium Paddlewheel Compounds Supported by $\text{N,N}^{\prime}$ -Dialkylbenzamidates: Synthesis, Structures, and Photophysical Properties. <i>Inorganic Chemistry</i> , 2004, 43, 7887-7892.	1.9	19
118	New insights in the photochromic spiro-dihydroindolizine/betaine-system. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1449-1456.	1.6	19
119	Photocatalytic $\text{H}_2$ production by dirhodium( $\text{polypyridyl}$ ) photosensitizers with red light. <i>Chemical Communications</i> , 2018, 54, 8332-8334.	2.2	19
120	Excited State Properties of $\text{Rh}_2(\text{O}_2\text{CCH}_3)_4$ : Solution Photochemistry and Photoinitiated DNA Cleavage. <i>Comments on Inorganic Chemistry</i> , 2001, 22, 393-426.	3.0	18
121	Electronic Tuning of Ruthenium Complexes by $\text{N}^{\text{C}}$ -Quinolate Ligands. <i>Photochemistry and Photobiology</i> , 2010, 86, 1230-1236.	1.3	18
122	Insight into the Photoinduced Ligand Exchange Reaction Pathway of $[\text{cis-}[\text{Rh}_2(\text{O}_2\text{CCH}_3)_4(\text{CH}_3)_3\text{CN}]_2]^{2+}$ with a DNA Model Chelate. <i>Inorganic Chemistry</i> , 2011, 50, 12099-12107.	1.9	18
123	Photoinduced Intercalation and Coordination of a Dirhodium Complex to DNA: Dual DNA Binding. <i>ChemMedChem</i> , 2014, 9, 1260-1265.	1.6	18
124	Sexithiophenes Mediated by MM Quadruple Bonds: MM = $\text{Mo}_2$ , MoW, and $\text{W}_2$ . <i>Inorganic Chemistry</i> , 2009, 48, 8536-8543.	1.9	17
125	Trifluoromethyl substitution enhances photoinduced activity against breast cancer cells but reduces ligand exchange in $\text{Ru}(\text{polypyridyl})_2$ complex. <i>Chemical Science</i> , 2021, 12, 12056-12067.	3.7	17
126	Effect of guest/host interactions on photoinduced electron transfer reactions. <i>Inorganica Chimica Acta</i> , 1996, 252, 333-338.	1.2	16



#	ARTICLE	IF	CITATIONS
127	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.	1.0	16
128	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.	1.1	15
129	To intercalate or semiintercalate, or both?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17573-17574.	3.3	15
130	Dirhodium Complexes as Panchromatic Sensitizers, Electrocatalysts, and Photocatalysts. <i>Chemistry - A European Journal</i> , 2021, 27, 5379-5387.	1.7	15
131	Maleimide-Functionalized Photochromic Spirodihydroindolizines. <i>Journal of Organic Chemistry</i> , 2013, 78, 1903-1909.	1.7	14
132	Photoreduction of Diaryl Disulfides by Quadruply Bonded Dimolybdenum and Ditungsten Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 6186-6190.	1.9	13
133	Metalloimmunotherapy with Rhodium and Ruthenium Complexes: Targeting Tumor-Associated Macrophages. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	13
134	Photoinduced DNA Cleavage and Cellular Damage in Human Dermal Fibroblasts by 2,3-Diaminophenazine. <i>Photochemistry and Photobiology</i> , 2005, 81, 89.	1.3	12
135	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.	1.6	12
136	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.	1.6	12
137	Panchromatic dirhodium photocatalysts for dihydrogen generation with red light. <i>Chemical Science</i> , 2020, 11, 9775-9783.	3.7	12
138	Direct Observation of the Luminescence from the $3\hat{1}^*$ Excited State of $\text{Re}_2\text{Cl}_2(\text{p-OCH}_3\text{form})_4$ . <i>Inorganic Chemistry</i> , 2003, 42, 7360-7362.	1.9	11
139	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.	0.8	11
140	Insights from Theory and Experiment on the Photochromic $\langle i \rangle$ spiro $\langle /i \rangle$ -Dihydropyrrolo $\langle i \rangle$ Pyridazine/Betaine System. <i>Journal of Physical Chemistry A</i> , 2016, 120, 875-883.	1.1	11
141	Electronic influences of bridging and chelating diimine ligand coordination in formamidinate-bridged $\text{Rh}_2(\text{II,II})$ dimers. <i>Polyhedron</i> , 2016, 103, 172-177.	1.0	11
142	Electron transfer reactions of geminate pairs at high exergonicities. <i>Coordination Chemistry Reviews</i> , 1994, 132, 249-258.	9.5	10
143	Synthesis and Characterization of Nitroxide-Linked Ruthenium Complexes as Molecular Probes for Microheterogeneous Environments. <i>Synthesis</i> , 1996, 1996, 1313-1319.	1.2	10
144	Photophysical Studies of $\langle i \rangle$ trans $\langle /i \rangle$ -Bis(phenylethynyl)diisopropylamidinato)bis(acetato)dimetal Complexes Involving MM Quadruple Bonds Where M = Mo or W. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12675-12681.	1.1	10

#	ARTICLE	IF	CITATIONS
145	A dinuclear Ru(II) complex capable of photoinduced ligand exchange at both metal centers. <i>Chemical Communications</i> , 2015, 51, 16522-16525.	2.2	10
146	Ru(II)-Based Acetylacetonate Complexes Induce Apoptosis Selectively in Cancer Cells. <i>Inorganic Chemistry</i> , 2021, 60, 18964-18974.	1.9	10
147	Photoredox Chemistry of d4 Bimetallic Systems. <i>Advances in Chemistry Series</i> , 1993, , 147-163.	0.6	9
148	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.	1.6	9
149	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> , 2019, 2, 7306-7314.	2.5	9
150	Anticancer and antitrypanosomal activities of trinuclear ruthenium compounds with orthometalated phenazine ligands. <i>Dalton Transactions</i> , 2020, 49, 16440-16452.	1.6	9
151	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.	0.8	8
152	Channel Blocking of MspA Revisited. <i>Langmuir</i> , 2013, 29, 308-315.	1.6	8
153	Photoinduced interactions of two dirhodium complexes with d(GTCGAC) <sub>2</sub> probed by 2D NOESY. <i>Dalton Transactions</i> , 2015, 44, 3640-3646.	1.6	8
154	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.	1.1	8
155	Reply to the Comment on "Resonance Raman Investigation of Ru(phen) <sub>2</sub> dppz <sub>2</sub> <sup>+</sup> and Related Complexes in Water and in the Presence of DNA". <i>Journal of Physical Chemistry B</i> , 1998, 102, 6303-6303.	1.2	7
156	Concerning the photophysical properties of Re <sup>2+</sup> and Re <sup>6+</sup> carboxylate compounds. <i>Dalton Transactions</i> , 2010, 39, 11587.	1.6	7
157	Dual photoreactivity of a new Rh <sub>2</sub> (II,II) complex for biological applications. <i>Inorganica Chimica Acta</i> , 2017, 454, 149-154.	1.2	7
158	The Influence of Some Axial Ligands on Ruthenium-Phthalocyanine Complexes: Chemical, Photochemical, and Photobiological Properties. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 595830.	1.6	7
159	Unsymmetrical dirhodium single molecule photocatalysts for H <sub>2</sub> production with low energy light. <i>Chemical Communications</i> , 2021, 57, 2061-2064.	2.2	7
160	Unlocking the Potential of Ru(II) Dual-Action Compounds with the Power of the Heavy-Atom Effect. <i>Photochemistry and Photobiology</i> , 2022, 98, 378-388.	1.3	7
161	Ground state and photophysical properties of Ru(phen) <sub>2</sub> quo <sup>+</sup> : a strong excited state electron donor. <i>Inorganic Chemistry Communication</i> , 1999, 2, 354-357.	1.8	6
162	Effect of intraligand $\pi$ -delocalization on the photophysical properties of two new Ru(II) complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 217, 100-107.	2.0	6

#	ARTICLE	IF	CITATIONS
163	Isomerization initiated by photoinduced ligand dissociation in Ru(II) complexes with the ligand 2-p-tolylpyridinecarboxaldimine. Dalton Transactions, 2014, 43, 17828-17837.	1.6	6
164	Steric and Electronic Factors Associated with the Photoinduced Ligand Exchange of Bidentate Ligands Coordinated to Ru(II). Photochemistry and Photobiology, 2015, 91, 616-623.	1.3	6
165	Dynamic orientation control of bimolecular electron transfer at charged micelle surfaces. Journal of Chemical Physics, 2020, 153, 064302.	1.2	5
166	Exploring the structure of a ruthenium acetate cluster for biological purposes. Inorganic Chemistry Communication, 2020, 114, 107810.	1.8	5
167	Dirhodium complexes as electrocatalysts for CO <sub>2</sub> reduction to HCOOH: role of steric hindrance on selectivity. Chemical Communications, 2021, 57, 1635-1638.	2.2	4
168	Lanthanide ions as luminescent probes of proteins and nucleic acids. Metal Ions in Biological Systems, 2003, 40, 323-53.	0.4	4
169	Electron injection into titanium dioxide by panchromatic dirhodium photosensitizers with low energy red light. Chemical Communications, 2019, 55, 10428-10431.	2.2	3
170	Syntheses and electronic, electrochemical, and theoretical studies of a series of $\mu_4$ -oxo-triruthenium carboxylates bearing orthometalated phenazines. Dalton Transactions, 2020, 49, 1688-1698.	1.6	3
171	Fixing photocatalysts. Nature Chemistry, 2022, 14, 487-488.	6.6	3
172	Elucidation of acceptor-acceptor interactions in a Ru(II) supramolecular photosynthetic model complex. Chemical Communications, 1999, , 2487-2488.	2.2	2
173	[Bis(trispivalatodimolybdenum (II))- $\mu_4$ -bis(4-carboxylato-2,6-dimethyl-2-terpyridine) ruthenium (II)] (2+) Tetrafluoroborate: Photophysical Studies. Journal of Cluster Science, 2009, 20, 307-317.	1.7	2
174	Photoredox Chemistry of Two-Electron Mixed Valence Systems. , 1991, , 91-106.		2
175	2-(Pyridin-2-yl)-1,3-oxathiane. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1675-o1675.	0.2	1
176	Synthetic Strategies for Trapping the Elusive <i>trans</i> -Dirhodium(II,II) Formamidinate Isomer: Effects of Cis versus Trans Geometry on the Photophysical Properties. Inorganic Chemistry, 2020, 59, 2255-2265.	1.9	1
177	Ruthenium complexes for photoactivated dual activity: Drug delivery and singlet oxygen generation. Advances in Inorganic Chemistry, 2022, , .	0.4	1
178	Observation of the photogenerated CO-loss intermediate from [CpFe(CO)] <sub>2</sub> ( $\mu_4$ -CO)( $\mu_4$ -CHCH <sub>3</sub> ) via time-resolved IR spectroscopy. Inorganica Chimica Acta, 2002, 334, 371-375.	1.2	0
179	Photoinduced DNA Cleavage and Cellular Damage in Human Dermal Fibroblasts by 2,3-diaminophenazine <sup>+</sup> . Photochemistry and Photobiology, 2005, 81, 89-95.	1.3	0
180	Preface to Special Issue on Current Topics in Photochemistry. Journal of Physical Chemistry A, 2014, 118, 10299-10300.	1.1	0

#	ARTICLE	IF	CITATIONS
181	Frontispiece: Dirhodium Complexes as Panchromatic Sensitizers, Electrocatalysts, and Photocatalysts. Chemistry - A European Journal, 2021, 27, .	1.7	0
182	Validation of Ru(II)-caged Abiraterone as a Chemical Tool for Controlling CYP17A1 Activity with Visible Light. FASEB Journal, 2017, 31, 669.2.	0.2	0
183	Excited states of transition metal complexes for medical applications and solar energy conversion. , 2022, , .		0