

Kenneth Kam-Wing Lo

List of Publications by Year in descending order

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159
papers

12,338
citations

17440

63
h-index

25787

108
g-index

182
all docs

182
docs citations

182
times ranked

8257
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescent polynuclear d10 metal complexes. <i>Chemical Society Reviews</i> , 1999, 28, 323-334.	38.1	1,140
2	Luminescent Rhenium(I) and Iridium(III) Polypyridine Complexes as Biological Probes, Imaging Reagents, and Photocytotoxic Agents. <i>Accounts of Chemical Research</i> , 2015, 48, 2985-2995.	15.6	451
3	Applications of luminescent inorganic and organometallic transition metal complexes as biomolecular and cellular probes. <i>Dalton Transactions</i> , 2012, 41, 6021.	3.3	350
4	Design of luminescent iridium(III) and rhenium(I) polypyridine complexes as in vitro and in vivo ion, molecular and biological probes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2603-2622.	18.8	320
5	Luminescent Biological Probes Derived from Ruthenium(II) Estradiol Polypyridine Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 200-208.	4.0	291
6	Luminescent polynuclear metal acetylides. <i>Journal of Organometallic Chemistry</i> , 1999, 578, 3-30.	1.8	289
7	New Luminescent Cyclometalated Iridium(III) Diimine Complexes as Biological Labeling Reagents. <i>Inorganic Chemistry</i> , 2003, 42, 6886-6897.	4.0	285
8	Design of luminescent polynuclear copper(I) and silver(I) complexes with chalcogenides and acetylides as the bridging ligands. <i>Coordination Chemistry Reviews</i> , 1998, 171, 17-41.	18.8	267
9	Recent advances in utilization of transition metal complexes and lanthanides as diagnostic tools. <i>Coordination Chemistry Reviews</i> , 1999, 184, 157-240.	18.8	252
10	Mitochondria-targeting cyclometalated iridium(III)-PEG complexes with tunable photodynamic activity. <i>Biomaterials</i> , 2013, 34, 7519-7532.	11.4	211
11	Development of luminescent iridium(III) polypyridine complexes as chemical and biological probes. <i>New Journal of Chemistry</i> , 2011, 35, 265-287.	2.8	209
12	Exploitation of the Dual-emissive Properties of Cyclometalated Iridium(III)-Polypyridine Complexes in the Development of Luminescent Biological Probes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2213-2216.	13.8	198
13	Iridium(III) complexes as therapeutic and bioimaging reagents for cellular applications. <i>RSC Advances</i> , 2012, 2, 12069.	3.6	195
14	Human health risk assessment of organochlorines associated with fish consumption in a coastal city in China. <i>Environmental Pollution</i> , 2005, 136, 155-165.	7.5	187
15	Luminescent Cyclometalated Iridium(III) Polypyridine Indole Complexes—Synthesis, Photophysics, Electrochemistry, Protein-Binding Properties, Cytotoxicity, and Cellular Uptake. <i>Inorganic Chemistry</i> , 2009, 48, 708-718.	4.0	163
16	Nucleic Acid Intercalators and Avidin Probes Derived from Luminescent Cyclometalated Iridium(III)-Dipyridoquinoline and -Dipyridophenazine Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 1500-1512.	3.3	162
17	First Examples of Luminescent Cyclometalated Iridium(III) Complexes as Labeling Reagents for Biological Substrates. <i>Organometallics</i> , 2001, 20, 4999-5001.	2.3	157
18	Biological labelling reagents and probes derived from luminescent transition metal polypyridine complexes. <i>Coordination Chemistry Reviews</i> , 2005, 249, 1434-1450.	18.8	155

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19	Synthesis, Photophysical and Electrochemical Properties, and Biological Labeling Studies of Cyclometalated Iridium(III) Bis(pyridylbenzaldehyde) Complexes: Novel Luminescent Cross-Linkers for Biomolecules. <i>Chemistry - A European Journal</i> , 2003, 9, 475-483.	3.3	154
20	Rhenium(I) Polypyridine Biotin Isothiocyanate Complexes as the First Luminescent Biotinylation Reagents: Synthesis, Photophysical Properties, Biological Labeling, Cytotoxicity, and Imaging Studies. <i>Inorganic Chemistry</i> , 2008, 47, 602-611.	4.0	152
21	Synthesis, Properties, and Live-Cell Imaging Studies of Luminescent Cyclometalated Iridium(III) Polypyridine Complexes Containing Two or Three Biotin Pendants. <i>Inorganic Chemistry</i> , 2009, 48, 6011-6025.	4.0	151
22	Dual-Phosphorescent Iridium(III) Complexes Extending Oxygen Sensing from Hypoxia to Hyperoxia. <i>Journal of the American Chemical Society</i> , 2018, 140, 7827-7834.	13.7	151
23	Recent development of luminescent rhenium(III) tricarbonyl polypyridine complexes as cellular imaging reagents, anticancer drugs, and antibacterial agents. <i>Dalton Transactions</i> , 2017, 46, 16357-16380.	3.3	142
24	Structure, Photophysical and Electrochemical Properties, Biomolecular Interactions, and Intracellular Uptake of Luminescent Cyclometalated Iridium(III) Dipyridoquinoxaline Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 2530-2540.	4.0	140
25	Design of Luminescent Biotinylation Reagents Derived from Cyclometalated Iridium(III) and Rhodium(III) Bis(pyridylbenzaldehyde) Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 4984-4995.	4.0	131
26	Non-covalent binding of luminescent transition metal polypyridine complexes to avidin, indole-binding proteins and estrogen receptors. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2292-2310.	18.8	129
27	Recent Exploitation of Luminescent Rhenium(I) Tricarbonyl Polypyridine Complexes as Biomolecular and Cellular Probes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3551-3568.	2.0	123
28	Luminescent Ruthenium(II) Polypyridine Complexes for a Wide Variety of Biomolecular and Cellular Applications. <i>Inorganic Chemistry</i> , 2019, 58, 2231-2247.	4.0	119
29	Selective Ag(I) Binding, H ₂ S Sensing, and White-Light Emission from an Easy-to-Make Porous Conjugated Polymer. <i>Journal of the American Chemical Society</i> , 2014, 136, 2818-2824.	13.7	117
30	Luminescent transition metal complex biotin conjugates. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1724-1736.	18.8	116
31	Synthesis, Photophysical and Electrochemical Properties, and Protein-Binding Studies of Luminescent Cyclometalated Iridium(III) Bipyridine Estradiol Conjugates. <i>Chemistry - A European Journal</i> , 2007, 13, 7110-7120.	3.3	113
32	Luminescent Dendritic Cyclometalated Iridium(III) Polypyridine Complexes: Synthesis, Emission Behavior, and Biological Properties. <i>Inorganic Chemistry</i> , 2010, 49, 5432-5443.	4.0	112
33	The First Series of Luminescent (1/44-Chalcogenido)silver(I) Clusters. <i>Inorganic Chemistry</i> , 1996, 35, 5116-5117.	4.0	111
34	Synthesis, Characterization, and Properties of Luminescent Organoiridium(III) Polypyridine Complexes Appended with an Alkyl Chain and Their Interactions with Lipid Bilayers, Surfactants, and Living Cells. <i>Organometallics</i> , 2008, 27, 2998-3006.	2.3	110
35	Exploitation of Luminescent Organometallic Rhenium(I) and Iridium(III) Complexes in Biological Studies. <i>Topics in Organometallic Chemistry</i> , 2010, , 73-114.	0.7	110
36	Novel Rhenium(I) Polypyridine Biotin Complexes That Show Luminescence Enhancement and Lifetime Elongation upon Binding to Avidin. <i>Journal of the American Chemical Society</i> , 2002, 124, 9344-9345.	13.7	107

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37	Novel Luminescent Cyclometalated Iridium(III) Diimine Complexes That Contain a Biotin Moiety. <i>Organometallics</i> , 2004, 23, 3108-3116.	2.3	104
38	Synthesis, photophysical properties and DNA binding studies of novel luminescent rhenium(I) complexes. X-Ray crystal structure of [Re(dppn)(CO) ₃ (py)](OTf). <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1191.	2.0	102
39	Luminescent rhenium(I), ruthenium(II), and iridium(III) polypyridine complexes containing a poly(ethylene glycol) pendant or bioorthogonal reaction group as biological probes and photocytotoxic agents. <i>Coordination Chemistry Reviews</i> , 2018, 361, 138-163.	18.8	101
40	Dual-Emissive Cyclometalated Iridium(III) Polypyridine Complexes as Ratiometric Biological Probes and Organelle-Selective Bioimaging Reagents. <i>Inorganic Chemistry</i> , 2015, 54, 6582-6593.	4.0	100
41	Modification of Luminescent Iridium(III) Polypyridine Complexes with Discrete Poly(ethylene glycol) (PEG) Pendants: Synthesis, Emissive Behavior, Intracellular Uptake, and PEGylation Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 8329-8339.	3.3	98
42	Novel Luminescent Tricarbonylrhenium(I) Polypyridine Tyramine-Derived Dipicolylamine Complexes as Sensors for Zinc(II) and Cadmium(II) Ions. <i>Organometallics</i> , 2009, 28, 4297-4307.	2.3	97
43	Induced self-assembly and disassembly of water-soluble alkynylplatinum(II) terpyridyl complexes with a switchable near-infrared (NIR) emission modulated by metal-metal interactions over physiological pH: demonstration of pH-responsive NIR luminescent probes in cell-imaging studies. <i>Chemical Science</i> , 2013, 4, 2453.	7.4	97
44	Luminescent Cyclometalated Iridium(III) Polypyridine Di-2-picolylamine Complexes: Synthesis, Photophysics, Electrochemistry, Cation Binding, Cellular Internalization, and Cytotoxic Activity. <i>Inorganic Chemistry</i> , 2011, 50, 8570-8579.	4.0	96
45	Synthesis, Characterization, Photophysical Properties, and Biological Labeling Studies of a Series of Luminescent Rhenium(I) Polypyridine Maleimide Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 40-46.	4.0	94
46	Luminescent Rhenium(I) Polypyridine Complexes Appended with an ¹⁸ F-Glucose Moiety as Novel Biomolecular and Cellular Probes. <i>Chemistry - A European Journal</i> , 2011, 17, 8304-8308.	3.3	88
47	Molecular Design of Bioorthogonal Probes and Imaging Reagents Derived from Photofunctional Transition Metal Complexes. <i>Accounts of Chemical Research</i> , 2020, 53, 32-44.	15.6	85
48	Syntheses, characterisation and photophysical studies of novel biological labelling reagents derived from luminescent iridium(III) terpyridine complexes. <i>New Journal of Chemistry</i> , 2002, 26, 81-88.	2.8	84
49	Cyclometalated iridium(III) polypyridine dibenzocyclooctyne complexes as the first phosphorescent bioorthogonal probes. <i>Chemical Communications</i> , 2013, 49, 4271-4273.	4.1	84
50	Utilization of the photophysical and photochemical properties of phosphorescent transition metal complexes in the development of photofunctional cellular sensors, imaging reagents, and cytotoxic agents. <i>RSC Advances</i> , 2014, 4, 10560.	3.6	84
51	Cyclometalated Iridium(III) Diimine Bis(biotin) Complexes as the First Luminescent Biotin-Based Cross-Linkers for Avidin. <i>Inorganic Chemistry</i> , 2007, 46, 700-709.	4.0	82
52	A Phosphorescent Rhenium(I) Tricarbonyl Polypyridine Complex Appended with a Fructose Pendant That Exhibits Photocytotoxicity and Enhanced Uptake by Breast Cancer Cells. <i>Organometallics</i> , 2013, 32, 5098-5102.	2.3	81
53	Synthesis, photophysics, ion-binding studies, and structural characterization of organometallic rhenium(I) crown complexes. <i>Organometallics</i> , 1995, 14, 4034-4036.	2.3	79
54	Luminescent cyclometalated iridium(III) bis(quinolylbenzaldehyde) diimine complexes—synthesis, photophysics, electrochemistry, protein cross-linking properties, cytotoxicity and cellular uptake. <i>Dalton Transactions</i> , 2011, 40, 2180-2189.	3.3	79

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55	Emissive Behavior, Cytotoxic Activity, Cellular Uptake, and PEGylation Properties of New Luminescent Rhenium(I) Polypyridine Poly(ethylene glycol) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 13289-13302.	4.0	73
56	Design of Rhenium(I) Polypyridine Biotin Complexes as a New Class of Luminescent Probes for Avidin. <i>Inorganic Chemistry</i> , 2005, 44, 1992-2002.	4.0	72
57	Functionalization of cyclometalated iridium(<i>iii</i>) polypyridine complexes for the design of intracellular sensors, organelle-targeting imaging reagents, and metallodrugs. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 510-524.	6.0	69
58	Phosphorescent Cellular Probes and Uptake Indicators Derived from Cyclometalated Iridium(III) Bipyridine Complexes Appended with a Glucose or Galactose Entity. <i>Inorganic Chemistry</i> , 2013, 52, 13029-13041.	4.0	68
59	A Novel Luminescent μ_4 -Selenido-Bridged Copper(I) Tetramer. <i>Inorganic Chemistry</i> , 1996, 35, 3459-3462.	4.0	67
60	Luminescent Cyclometalated Iridium(III) Arylbenzothiazole Biotin Complexes. <i>Organometallics</i> , 2005, 24, 4594-4601.	2.3	67
61	Cyclometalated Iridium(III) Bipyridine Complexes Functionalized with an <i>N</i> -Methylamino-oxy Group as Novel Phosphorescent Labeling Reagents for Reducing Sugars. <i>Organometallics</i> , 2010, 29, 3474-3476.	2.3	67
62	Synthesis, Structure, and Photophysical and Electrochemical Properties of Cyclometalated Iridium(III) Complexes with Phenylated Bipyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 110-117.	2.0	65
63	Synthesis, Characterization, Crystal Structure, and Electrochemical, Photophysical, and Protein-Binding Properties of Luminescent Rhenium(I) Diimine Indole Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 6100-6110.	4.0	64
64	Luminescent Ruthenium(II) Polypyridine Biotin Complexes: Synthesis, Characterization, Photophysical and Electrochemical Properties, and Avidin-Binding Studies. <i>Inorganic Chemistry</i> , 2004, 43, 5275-5282.	4.0	63
65	Aggregation and Supramolecular Self-Assembly of Low-Energy Red Luminescent Alkynylplatinum(II) Complexes for RNA Detection, Nucleolus Imaging, and RNA Synthesis Inhibitor Screening. <i>Journal of the American Chemical Society</i> , 2021, 143, 5396-5405.	13.7	63
66	Luminescent Tricarbonylrhenium(I) Polypyridine Estradiol Conjugates: Synthesis, Crystal Structure, and Photophysical, Electrochemical, and Protein-Binding Properties. <i>Organometallics</i> , 2006, 25, 3220-3227.	2.3	62
67	Surface-modified mutants of cytochrome P450cam: enzymatic properties and electrochemistry. <i>FEBS Letters</i> , 1999, 451, 342-346.	2.8	59
68	Utilization of the Highly Environment-Sensitive Emission Properties of Rhenium(I) Amidodipyridoquinoxaline Biotin Complexes in the Development of Biological Probes. <i>Inorganic Chemistry</i> , 2006, 45, 1714-1722.	4.0	58
69	Conferring Phosphorogenic Properties on Iridium(III)-Based Bioorthogonal Probes through Modification with a Nitrone Unit. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1046-1049.	13.8	57
70	Amyloid Protein-Induced Supramolecular Self-Assembly of Water-Soluble Platinum(II) Complexes: A Luminescence Assay for Amyloid Fibrillation Detection and Inhibitor Screening. <i>Journal of the American Chemical Society</i> , 2019, 141, 18570-18577.	13.7	57
71	Luminescent Rhenium(I) Polypyridine Fluorous Complexes as Novel Trifunctional Biological Probes. <i>Inorganic Chemistry</i> , 2011, 50, 9465-9471.	4.0	56
72	Synthesis, photophysical and electrochemical properties, and biological labelling studies of luminescent cyclometalated iridium(III) bipyridine-aldehyde complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 3109-3118.	2.4	55

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73	Bifunctional Luminescent Rhenium(I) Complexes Containing an Extended Planar Diimine Ligand and a Biotin Moiety. <i>Organometallics</i> , 2004, 23, 3062-3070.	2.3	54
74	Cyclometalated Iridium(III)â€“Polyamine Complexes with Intense and Longâ€“Lived Multicolor Phosphorescence: Synthesis, Crystal Structure, Photophysical Behavior, Cellular Uptake, and Transfection Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 13342-13354.	3.3	54
75	Fluorescence turn-on detection of alkaline phosphatase activity based on controlled release of PEI-capped Cu nanoclusters from MnO ₂ nanosheets. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4771-4778.	3.7	54
76	Luminescent rhenium(i) diimine indole conjugates â€“ photophysical, electrochemical and protein-binding properties. <i>Chemical Communications</i> , 2003, , 2704-2705.	4.1	48
77	Luminescent Tetranuclear Copper(I) and Silver(I) Chalcogenides. <i>Comments on Inorganic Chemistry</i> , 1997, 19, 209-229.	5.2	47
78	Synthesis, Photophysics, and Transient Absorption Spectroscopic Studies of Luminescent Copper(I) Chalcogenide Complexes. Crystal Structure of [Cu ₄ (1/4-dtpm) ₄ (1/4-S)](PF ₆) ₂ {dtpm = Bis[bis(4-methylphenyl)phosphino]methane}. <i>Journal of Physical Chemistry A</i> , 1997, 101, 4666-4672.	2.5	45
79	A scanning tunnelling study of immobilised cytochrome P450cam. <i>Faraday Discussions</i> , 2000, 116, 15-22.	3.2	45
80	Electrochemical, Photophysical, and Anion-Binding Properties of a Luminescent Rhenium(I) Polypyridine Anthraquinone Complex with a Thiourea Receptor. <i>Organometallics</i> , 2004, 23, 1098-1106.	2.3	45
81	Photoactivatable cytotoxic agents derived from mitochondria-targeting luminescent iridium(III) poly(ethylene glycol) complexes modified with a nitrobenzyl linkage. <i>Chemical Communications</i> , 2016, 52, 4557-4560.	4.1	44
82	Monochromophoric iridium(III) pyridylâ€“tetrazine complexes as a unique design strategy for bioorthogonal probes with luminogenic behavior. <i>Chemical Communications</i> , 2017, 53, 3299-3302.	4.1	44
83	Luminescent Polypyridinerhenium(I) Bis-Biotin Complexes as Crosslinkers for Avidin. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4265-4273.	2.0	43
84	Functionalization of luminescent cyclometalated iridium(III) polypyridine complexes with a fluorour moiety: photophysics, protein-binding, bioconjugation, and cellular uptake properties. <i>Chemical Communications</i> , 2011, 47, 10548.	4.1	41
85	A Luminescent Cyclometalated Iridium(III) Complex Accumulates in Mitochondria and Induces Mitochondrial Shortening by Conjugation to Specific Protein Targets. <i>ChemBioChem</i> , 2012, 13, 2729-2737.	2.6	41
86	Modification of 1,2,4,5-tetrazine with cationic rhenium(i) polypyridine units to afford phosphorogenic bioorthogonal probes with enhanced reaction kinetics. <i>Chemical Communications</i> , 2015, 51, 3442-3445.	4.1	41
87	Synthesis, Emission Characteristics, Cellular Studies, and Bioconjugation Properties of Luminescent Rhenium(I) Polypyridine Complexes with a Fluorous Pendant. <i>Organometallics</i> , 2012, 31, 5844-5855.	2.3	40
88	Luminescent cyclometalated rhodium(III) bis(pyridylbenzaldehyde) complexes with long-lived excited states. <i>Dalton Transactions</i> , 2003, , 4682.	3.3	39
89	Photophysical and cellular uptake properties of novel phosphorescent cyclometalated iridium(III) bipyridine d-fructose complexes. <i>Metallomics</i> , 2013, 5, 808.	2.4	38
90	A Diamond Nanoneedle Array for Potential Highâ€“Throughput Intracellular Delivery. <i>Advanced Healthcare Materials</i> , 2013, 2, 1103-1107.	7.6	38

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91	Synthesis and Crystal Structure of a Novel Copper(I) Crown Complex: A Spectrochemical Metal Ion Probe for Alkali Metal and Alkaline Earth Metal Cations. <i>Inorganic Chemistry</i> , 1995, 34, 4013-4014.	4.0	37
92	Installing an additional emission quenching pathway in the design of iridium(III)-based phosphorogenic biomaterials for bioorthogonal labelling and imaging. <i>Biomaterials</i> , 2016, 103, 305-313.	11.4	36
93	Design of cyclometalated iridium(III) polypyridine complexes as luminescent biological labels and probes. <i>Pure and Applied Chemistry</i> , 2011, 83, 823-840.	1.9	35
94	Tris-Cyclometalated Iridium(III) Styryl Complexes and Their Saturated Analogues: A Direct Functionalization of Ir(4-Me-ppy) ₃ and Hydrogen Transfer Process. <i>Organometallics</i> , 2005, 24, 6069-6072.	2.3	34
95	Luminescent Cyclometalated Iridium(III) Polypyridine Complexes Containing a Thiourea Moiety: Synthesis, Characterization, Photophysics, Electrochemistry and Anion-Binding Properties. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4054-4062.	2.0	34
96	Luminescent Transition Metal Complexes as Biological Labels and Probes. <i>Structure and Bonding</i> , 2006, 132, 205-245.	1.0	34
97	Luminescent Tricarbonylrhenium(I) Dipyridoquinoxaline Indole Complexes as Sensitive Probes for Indole-Binding Proteins. <i>Organometallics</i> , 2007, 26, 3440-3447.	2.3	33
98	Phosphorescent biscyclometalated iridium(III) ethylenediamine complexes functionalised with polar ester or carboxylate groups as bioimaging and visualisation reagents. <i>Dalton Transactions</i> , 2015, 44, 4945-4956.	3.3	33
99	Luminescent probes for indole-binding proteins derived from ruthenium(II) polypyridine complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 1845-1854.	2.4	32
100	Rhenium(I) Polypyridine Diamine Complexes as Intracellular Phosphorogenic Sensors: Synthesis, Characterization, Emissive Behavior, Biological Properties, and Nitric Oxide Sensing. <i>Chemistry - A European Journal</i> , 2014, 20, 9633-9642.	3.3	31
101	Silver nanoclusters capped silica nanoparticles as a ratiometric photoluminescence nanosensor for the selective detection of I ⁺ and S ²⁻ . <i>Analytica Chimica Acta</i> , 2017, 988, 74-80.	5.4	30
102	Synthesis and Photophysical Properties of Bis-Cyclometalated Iridium(III) Styryl Complexes and Their Saturated Analogues. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2734-2747.	2.0	29
103	Rhenium(I) polypyridine complexes functionalized with a diaminoaromatic moiety as phosphorescent sensors for nitric oxide. <i>New Journal of Chemistry</i> , 2013, 37, 1711.	2.8	29
104	Cyclometalated Iridium(III) Bipyridyl Phenylenediamine Complexes with Multicolor Phosphorescence: Synthesis, Electrochemistry, Photophysics, and Intracellular Nitric Oxide Sensing. <i>ChemMedChem</i> , 2014, 9, 1316-1329.	3.2	29
105	Photofunctional Cyclometalated Iridium(III) Polypyridine Complexes Bearing a Perfluorobiphenyl Moiety for Bioconjugation, Bioimaging, and Phototherapeutic Applications. <i>Inorganic Chemistry</i> , 2020, 59, 14796-14806.	4.0	28
106	Exploitation of Environmentally Sensitive Luminophores in the Design of Sydnone-Based Bioorthogonal Imaging Reagents. <i>Chemistry - A European Journal</i> , 2018, 24, 14064-14068.	3.3	27
107	Luminescent Rhenium(I) Polypyridine Complexes Appended with a Perylene Diimide or Benzoperylene Monoimide Moiety: Photophysics, Intracellular Sensing, and Photocytotoxic Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 8970-8974.	3.3	26
108	Bioorthogonal Labeling, Bioimaging, and Photocytotoxicity Studies of Phosphorescent Ruthenium(II) Polypyridine Dibenzocyclooctyne Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 10729-10740.	3.3	25

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109	Rhenium(I) polypyridine dibenzocyclooctyne complexes as phosphorescent bioorthogonal probes: Synthesis, characterization, emissive behavior, and biolabeling properties. <i>Journal of Inorganic Biochemistry</i> , 2015, 148, 2-10.	3.5	25
110	Synthesis and Electrochemical, Photophysical, and Self-Assembly Studies on Water-Soluble pH-Responsive Alkynylplatinum(II) Terpyridine Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 4650-4663.	4.0	25
111	Photofunctional transition metal complexes as cellular probes, bioimaging reagents and phototherapeutics. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4553-4579.	6.0	25
112	Synthesis, photophysical and electrochemical properties of luminescent dinuclear copper(I) diimines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 499.	1.1	24
113	Ab initio study of luminescent chalcogenido silver(I) clusters $[Ag_4(\frac{1}{4}H_2PCH_2PH_2)_4(\frac{1}{4}4-E)]^{2+}$. <i>Chemical Physics Letters</i> , 1996, 262, 91-96.	2.6	24
114	Bioorthogonal control of the phosphorescence and singlet oxygen photosensitisation properties of iridium(III) tetrazine complexes. <i>Chemical Communications</i> , 2021, 57, 4914-4917.	4.1	24
115	Molecular orbital studies of luminescent silver(I) chalcogenido clusters $[Ag_4(\frac{1}{4}dppm)_4(\frac{1}{4}4-E)]^{2+}$ ($dppm = Ph_2PCH_2PPh_2$). <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 227-230.	1.1	22
116	Modulation of emission and singlet oxygen photosensitisation in live cells utilising bioorthogonal phosphorogenic probes and protein tag technology. <i>Chemical Communications</i> , 2020, 56, 6074-6077.	4.1	22
117	Photolytic cleavage of DNA by $[Au_3(dmmp)_2]^{3+}$. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2379.	2.0	21
118	Structural Manipulation of Ruthenium(II) Polypyridine Nitrone Complexes to Generate Phosphorogenic Bioorthogonal Reagents for Selective Cellular Labeling. <i>Chemistry - A European Journal</i> , 2016, 22, 9649-9659.	3.3	21
119	Cyclometalated Iridium(III) Bipyridine-Phenylboronic Acid Complexes as Bioimaging Reagents and Luminescent Probes for Sialic Acids. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1545-1556.	3.3	21
120	Phosphorogenic Iridium(III) Tetrazine Complexes for Bioorthogonal Peptide Stapling, Bioimaging, Photocytotoxic Applications, and the Construction of Nanosized Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	20
121	Phosphorogenic sensors for biothiols derived from cyclometalated iridium(III) polypyridine complexes containing a dinitrophenyl ether moiety. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 412-422.	3.5	17
122	Iridium(III) polypyridine complexes with a disulfide linker as biological sensors and cytotoxic agents. <i>Dalton Transactions</i> , 2019, 48, 9692-9702.	3.3	17
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