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	Photoâ€•and Electrochemical Dualâ€Responsive Iridium Probe for Saccharide Detection. Chemistry - A European Journal, 2022, 28, e202103541.	3.3	8
2	Phosphorogenic Iridium(III) bisâ€Tetrazine Complexes for Bioorthogonal Peptide Stapling, Bioimaging, Photocytotoxic Applications, and the Construction of Nanosized Hydrogels. Angewandte Chemie, 2022, 134, .	2.0	5
3	Phosphorogenic Iridium(III) bisâ€Tetrazine Complexes for Bioorthogonal Peptide Stapling, Bioimaging, Photocytotoxic Applications, and the Construction of Nanosized Hydrogels. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
4	Photofunctional transition metal complexes as cellular probes, bioimaging reagents and phototherapeutics. Inorganic Chemistry Frontiers, 2021, 8, 4553-4579.	6.0	25
5	Aggregation and Supramolecular Self-Assembly of Low-Energy Red Luminescent Alkynylplatinum(II) Complexes for RNA Detection, Nucleolus Imaging, and RNA Synthesis Inhibitor Screening. Journal of the American Chemical Society, 2021, 143, 5396-5405.	13.7	63
6	Design of Dielectric Resonator Antenna Using Dielectric Paste. Sensors, 2021, 21, 4058.	3.8	4
7	Utilization of Rhenium(I) Polypyridine Complexes Featuring a Dinitrophenylsulfonamide Moiety as Biothiolâ€Selective Phosphorogenic Bioimaging Reagents and Photocytotoxic Agents. European Journal of Inorganic Chemistry, 2021, 2021, 3432-3442.	2.0	8
8	Luminescent Neutral Cyclometalated Iridium(III) Complexes Featuring a Cubic Polyhedral Oligomeric Silsesquioxane for Lipid Droplet Imaging and Photocytotoxic Applications. Inorganic Chemistry, 2021, 60, 11672-11683.	4.0	14
9	Bioorthogonal control of the phosphorescence and singlet oxygen photosensitisation properties of iridium(<scp>iii</scp>) tetrazine complexes. Chemical Communications, 2021, 57, 4914-4917.	4.1	24
10	Luminescent rhenium(<scp>i</scp>) perfluorobiphenyl complexes as site-specific labels for peptides to afford photofunctional bioconjugates. Chemical Communications, 2021, 57, 11256-11259.	4.1	9
11	Tuning the organelle specificity and cytotoxicity of iridium(<scp>iii</scp>) photosensitisers for enhanced phototheranostic applications. Chemical Communications, 2021, 57, 12008-12011.	4.1	10
12	Molecular Design of Bioorthogonal Probes and Imaging Reagents Derived from Photofunctional Transition Metal Complexes. Accounts of Chemical Research, 2020, 53, 32-44.	15.6	85
13	The 23rd International Symposium on the Photochemistry and Photophysics of Coordination Compounds (ISPPCC 2019). Journal of Inorganic Biochemistry, 2020, 209, 111128.	3.5	0
14	Photofunctional Cyclometalated Iridium(III) Polypyridine Complexes Bearing a Perfluorobiphenyl Moiety for Bioconjugation, Bioimaging, and Phototherapeutic Applications. Inorganic Chemistry, 2020, 59, 14796-14806.	4.0	28
15	Bioorthogonal Phosphorogenic Rhenium(I) Polypyridine Sydnone Complexes for Specific Lysosome Labeling. ChemPlusChem, 2020, 85, 1368-1368.	2.8	0
16	Bioorthogonal Phosphorogenic Rhenium(I) Polypyridine Sydnone Complexes for Specific Lysosome Labeling. ChemPlusChem, 2020, 85, 1374-1378.	2.8	16
17	Modulation of emission and singlet oxygen photosensitisation in live cells utilising bioorthogonal phosphorogenic probes and protein tag technology. Chemical Communications, 2020, 56, 6074-6077.	4.1	22
18	Amyloid Protein-Induced Supramolecular Self-Assembly of Water-Soluble Platinum(II) Complexes: A Luminescence Assay for Amyloid Fibrillation Detection and Inhibitor Screening. Journal of the American Chemical Society, 2019, 141, 18570-18577.	13.7	57

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19	Luminescent Ruthenium(II) Polypyridine Complexes for a Wide Variety of Biomolecular and Cellular Applications. Inorganic Chemistry, 2019, 58, 2231-2247.	4.0	119
20	Luminescent Molecular Octopuses with a Polyhedral Oligomeric Silsesquioxane (POSS) Core and Iridium(III) Polypyridine Arms: Synthesis, Aggregation Induced Emission, Cellular Uptake, and Bioimaging Studies. Chemistry - A European Journal, 2019, 25, 10633-10641.	3.3	15
21	Luminescent Rhenium(I)â€“Polypyridine Complexes Appended with a Perylene Diimide or Benzoperylene Monoimide Moiety: Photophysics, Intracellular Sensing, and Photocytotoxic Activity. Chemistry - A European Journal, 2019, 25, 8970-8974.	3.3	26
22	Iridium(<scp>iii</scp>) polypyridine complexes with a disulfide linker as biological sensors and cytotoxic agents. Dalton Transactions, 2019, 48, 9692-9702.	3.3	17
23	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. Coordination Chemistry Reviews, 2018, 361, 138-163.	18.8	101
24	Exploitation of Environmentâ€Sensitive Luminophores in the Design of Sydnoneâ€Based Bioorthogonal Imaging Reagents. Chemistry - A European Journal, 2018, 24, 14064-14068.	3.3	27
25	Dual-Phosphorescent Iridium(III) Complexes Extending Oxygen Sensing from Hypoxia to Hyperoxia. Journal of the American Chemical Society, 2018, 140, 7827-7834.	13.7	151
26	Monochromophoric iridium(<scp>iii</scp>) pyridylâ€“tetrazine complexes as a unique design strategy for bioorthogonal probes with luminogenic behavior. Chemical Communications, 2017, 53, 3299-3302.	4.1	44
27	Cyclometalated Iridium(III) Bipyridineâ€“Phenylboronic Acid Complexes as Bioimaging Reagents and Luminescent Probes for Sialic Acids. Chemistry - an Asian Journal, 2017, 12, 1545-1556.	3.3	21
28	Fluorescence turn-on detection of alkaline phosphatase activity based on controlled release of PEI-capped Cu nanoclusters from MnO2 nanosheets. Analytical and Bioanalytical Chemistry, 2017, 409, 4771-4778.	3.7	54
29	Recent development of luminescent rhenium(<scp>i</scp>) tricarbonyl polypyridine complexes as cellular imaging reagents, anticancer drugs, and antibacterial agents. Dalton Transactions, 2017, 46, 16357-16380.	3.3	142
30	Photophysical, Cellularâ€Uptake, and Bioimaging Studies of Luminescent Ruthenium(II)â€“Polypyridine Complexes Containing a <scp>d</scp>â€Fructose Pendant. European Journal of Inorganic Chemistry, 2017, 2017, 5288-5294.	2.0	16
31	Choline sensing based on in situ polymerization of aniline on the surface of upconverting nanoparticles. Journal of Materials Chemistry B, 2017, 5, 7861-7865.	5.8	14
32	Phosphorogenic sensors for biothiols derived from cyclometalated iridium(III) polypyridine complexes containing a dinitrophenyl ether moiety. Journal of Inorganic Biochemistry, 2017, 177, 412-422.	3.5	17
33	Silver nanoclusters capped silica nanoparticles as a ratiometric photoluminescence nanosensor for the selective detection of Iâ^' and S2â^'. Analytica Chimica Acta, 2017, 988, 74-80.	5.4	30
34	Luminescent Materials: Metal Complexes, Clusters, and Nanomaterials. European Journal of Inorganic Chemistry, 2017, 2017, 5055-5057.	2.0	6
35	Structural Manipulation of Ruthenium(II) Polypyridine Nitrone Complexes to Generate Phosphorogenic Bioorthogonal Reagents for Selective Cellular Labeling. Chemistry - A European Journal, 2016, 22, 9649-9659.	3.3	21
36	Synthesis and Electrochemical, Photophysical, and Self-Assembly Studies on Water-Soluble pH-Responsive Alkynylplatinum(II) Terpyridine Complexes. Inorganic Chemistry, 2016, 55, 4650-4663.	4.0	25

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37	Installing an additional emission quenching pathway in the design of iridium(III)-based phosphorogenic biomaterials for bioorthogonal labelling and imaging. Biomaterials, 2016, 103, 305-313.	11.4	36
38	Conferring Phosphorogenic Properties on Iridium(III)â€Based Bioorthogonal Probes through Modification with a Nitrone Unit. Angewandte Chemie - International Edition, 2016, 55, 1046-1049.	13.8	57
39	Conferring Phosphorogenic Properties on Iridium(III)â€Based Bioorthogonal Probes through Modification with a Nitrone Unit. Angewandte Chemie, 2016, 128, 1058-1061.	2.0	16
40	Luminescent Iridium(III) and Rhenium(I) Complexes as Biomolecular Probes and Imaging Reagents. Advances in Inorganic Chemistry, 2016, , 97-140.	1.0	5
41	Photoactivatable cytotoxic agents derived from mitochondria-targeting luminescent iridium(<scp>iii</scp>) poly(ethylene glycol) complexes modified with a nitrobenzyl linkage. Chemical Communications, 2016, 52, 4557-4560.	4.1	44
42	Bioorthogonal Labeling, Bioimaging, and Photocytotoxicity Studies of Phosphorescent Ruthenium(II) Polypyridine Dibenzocyclooctyne Complexes. Chemistry - A European Journal, 2015, 21, 10729-10740.	3.3	25
43	Functionalization of cyclometalated iridium(<scp>iii</scp>) polypyridine complexes for the design of intracellular sensors, organelle-targeting imaging reagents, and metallodrugs. Inorganic Chemistry Frontiers, 2015, 2, 510-524.	6.0	69
44	Rhenium(I) polypyridine dibenzocyclooctyne complexes as phosphorescent bioorthogonal probes: Synthesis, characterization, emissive behavior, and biolabeling properties. Journal of Inorganic Biochemistry, 2015, 148, 2-10.	3.5	25
45	Dual-Emissive Cyclometalated Iridium(III) Polypyridine Complexes as Ratiometric Biological Probes and Organelle-Selective Bioimaging Reagents. Inorganic Chemistry, 2015, 54, 6582-6593.	4.0	100
46	Luminescent Rhenium(I) and Iridium(III) Polypyridine Complexes as Biological Probes, Imaging Reagents, and Photocytotoxic Agents. Accounts of Chemical Research, 2015, 48, 2985-2995.	15.6	451
47	Modification of 1,2,4,5-tetrazine with cationic rhenium(i) polypyridine units to afford phosphorogenic bioorthogonal probes with enhanced reaction kinetics. Chemical Communications, 2015, 51, 3442-3445.	4.1	41
48	Phosphorescent biscyclometallated iridium(iii) ethylenediamine complexes functionalised with polar ester or carboxylate groups as bioimaging and visualisation reagents. Dalton Transactions, 2015, 44, 4945-4956.	3.3	33
49	Cyclometalated Iridium(III) Bipyridylâ€“Phenylenediamine Complexes with Multicolor Phosphorescence: Synthesis, Electrochemistry, Photophysics, and Intracellular Nitric Oxide Sensing. ChemMedChem, 2014, 9, 1316-1329.	3.2	29
50	Selective Ag(I) Binding, H₂S Sensing, and White-Light Emission from an Easy-to-Make Porous Conjugated Polymer. Journal of the American Chemical Society, 2014, 136, 2818-2824.	13.7	117
51	Rhenium(I) Polypyridine Diamine Complexes as Intracellular Phosphorogenic Sensors: Synthesis, Characterization, Emissive Behavior, Biological Properties, and Nitric Oxide Sensing. Chemistry - A European Journal, 2014, 20, 9633-9642.	3.3	31
52	Utilization of the photophysical and photochemical properties of phosphorescent transition metal complexes in the development of photofunctional cellular sensors, imaging reagents, and cytotoxic agents. RSC Advances, 2014, 4, 10560.	3.6	84
53	A Phosphorescent Rhenium(I) Tricarbonyl Polypyridine Complex Appended with a Fructose Pendant That Exhibits Photocytotoxicity and Enhanced Uptake by Breast Cancer Cells. Organometallics, 2013, 32, 5098-5102.	2.3	81
54	Rhenium(i) polypyridine complexes functionalized with a diaminoaromatic moiety as phosphorescent sensors for nitric oxide. New Journal of Chemistry, 2013, 37, 1711.	2.8	29

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55	Photophysical and cellular uptake properties of novel phosphorescent cyclometalated iridium(iii) bipyridine d-fructose complexes. Metallomics, 2013, 5, 808.	2.4	38
56	Induced self-assembly and disassembly of water-soluble alkynylplatinum(ii) terpyridyl complexes with â€œswitchableâ€•near-infrared (NIR) emission modulated by metalâ€“metal interactions over physiological pH: demonstration of pH-responsive NIR luminescent probes in cell-imaging studies. Chemical Science, 2013, 4, 2453.	7.4	97
57	Mitochondria-targeting cyclometalated iridium(III)â€“PEG complexes with tunable photodynamic activity. Biomaterials, 2013, 34, 7519-7532.	11.4	211
58	A Diamond Nanoneedle Array for Potential Highâ€Throughput Intracellular Delivery. Advanced Healthcare Materials, 2013, 2, 1103-1107.	7.6	38
59	Phosphorescent Cellular Probes and Uptake Indicators Derived from Cyclometalated Iridium(III) Bipyridine Complexes Appended with a Glucose or Galactose Entity. Inorganic Chemistry, 2013, 52, 13029-13041.	4.0	68
60	Cyclometalated iridium(<scp>iii</scp>) polypyridine dibenzocyclooctyne complexes as the first phosphorescent bioorthogonal probes. Chemical Communications, 2013, 49, 4271-4273.	4.1	84
61	Iridium(iii) complexes as therapeutic and bioimaging reagents for cellular applications. RSC Advances, 2012, 2, 12069.	3.6	195
62	Emissive Behavior, Cytotoxic Activity, Cellular Uptake, and PEGylation Properties of New Luminescent Rhenium(I) Polypyridine Poly(ethylene glycol) Complexes. Inorganic Chemistry, 2012, 51, 13289-13302.	4.0	73
63	A Luminescent Cyclometalated Iridium(III) Complex Accumulates in Mitochondria and Induces Mitochondrial Shortening by Conjugation to Specific Protein Targets. ChemBioChem, 2012, 13, 2729-2737.	2.6	41
64	Applications of luminescent inorganic and organometallic transition metal complexes as biomolecular and cellular probes. Dalton Transactions, 2012, 41, 6021.	3.3	350
65	Cyclometalated Iridium(III)â€“Polyamine Complexes with Intense and Longâ€Lived Multicolor Phosphorescence: Synthesis, Crystal Structure, Photophysical Behavior, Cellular Uptake, and Transfection Properties. Chemistry - A European Journal, 2012, 18, 13342-13354.	3.3	54
66	Synthesis, Emission Characteristics, Cellular Studies, and Bioconjugation Properties of Luminescent Rhenium(I) Polypyridine Complexes with a Fluorous Pendant. Organometallics, 2012, 31, 5844-5855.	2.3	40
67	Design of a Waterâ€Soluble Hybrid Nanocomposite of CdTe Quantum Dots and an Iridium Complex for Photoinduced Charge Transfer. ChemPhysChem, 2012, 13, 2589-2595.	2.1	4
68	Luminescent iridium(III) arylbenzothiazole complexes: Photophysics, electrochemistry, bioconjugation, and cellular uptake. Inorganica Chimica Acta, 2012, 380, 343-349.	2.4	14
69	Luminescent cyclometallated iridium(<scp>iii</scp>) bis(quinolylbenzaldehyde) diimine complexesâ€”synthesis, photophysics, electrochemistry, protein cross-linking properties, cytotoxicity and cellular uptake. Dalton Transactions, 2011, 40, 2180-2189.	3.3	79
70	Functionalization of luminescent cyclometalated iridium(iii) polypyridine complexes with a fluorous moiety: photophysics, protein-binding, bioconjugation, and cellular uptake properties. Chemical Communications, 2011, 47, 10548.	4.1	41
71	Design of cyclometalated iridium(III) polypyridine complexes as luminescent biological labels and probes. Pure and Applied Chemistry, 2011, 83, 823-840.	1.9	35
72	Luminescent Cyclometalated Iridium(III) Polypyridine Di-2-picolylamine Complexes: Synthesis, Photophysics, Electrochemistry, Cation Binding, Cellular Internalization, and Cytotoxic Activity. Inorganic Chemistry, 2011, 50, 8570-8579.	4.0	96

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73	Development of luminescent iridium(<scp>iii</scp>) polypyridine complexes as chemical and biological probes. New Journal of Chemistry, 2011, 35, 265-287.	2.8	209
74	Luminescent Rhenium(I) Polypyridine Fluorous Complexes as Novel Trifunctional Biological Probes. Inorganic Chemistry, 2011, 50, 9465-9471.	4.0	56
75	Recent Exploitation of Luminescent Rhenium(I) Tricarbonyl Polypyridine Complexes as Biomolecular and Cellular Probes. European Journal of Inorganic Chemistry, 2011, 2011, 3551-3568.	2.0	123
76	Luminescent Rhenium(I) Polypyridine Complexes Appended with an Î±â€<scp>D</scp>â€Glucose Moiety as Novel Biomolecular and Cellular Probes. Chemistry - A European Journal, 2011, 17, 8304-8308.	3.3	88
77	Design, synthesis, and characterization of piperazinedione-based dual protein inhibitors for both farnesyltransferase and geranylgeranyltransferase-I. European Journal of Medicinal Chemistry, 2011, 46, 2264-2273.	5.5	10
78	Luminescent cyclometalated iridium(III) dipyridoquinoxaline indole complexes as biological probes. Science China Chemistry, 2010, 53, 2091-2098.	8.2	6
79	Modification of Luminescent Iridium(III) Polypyridine Complexes with Discrete Poly(ethylene glycol) (PEG) Pendants: Synthesis, Emissive Behavior, Intracellular Uptake, and PEGylation Properties. Chemistry - A European Journal, 2010, 16, 8329-8339.	3.3	98
80	Design of luminescent iridium(III) and rhenium(I) polypyridine complexes as in vitro and in vivo ion, molecular and biological probes. Coordination Chemistry Reviews, 2010, 254, 2603-2622.	18.8	320
81	Exploitation of Luminescent Organometallic Rhenium(I) and Iridium(III) Complexes in Biological Studies. Topics in Organometallic Chemistry, 2010, , 73-114.	0.7	110
82	Luminescent iridium(III) polypyridine PEG complexes: Synthesis, photophysical, and biological properties. , 2010, , .		0
83	Design of Luminescent Biotinylation Reagents Derived from Cyclometalated Iridium(III) and Rhodium(III) Bis(pyridylbenzaldehyde) Complexes. Inorganic Chemistry, 2010, 49, 4984-4995.	4.0	131
84	Structure, Photophysical and Electrochemical Properties, Biomolecular Interactions, and Intracellular Uptake of Luminescent Cyclometalated Iridium(III) Dipyridoquinoxaline Complexes. Inorganic Chemistry, 2010, 49, 2530-2540.	4.0	140
85	Luminescent Dendritic Cyclometalated Iridium(III) Polypyridine Complexes: Synthesis, Emission Behavior, and Biological Properties. Inorganic Chemistry, 2010, 49, 5432-5443.	4.0	112
86	Alignment of charge-transfer complexes for molecular devices. Journal of Materials Chemistry, 2010, 20, 434-438.	6.7	4
87	Cyclometalated Iridium(III) Bipyridine Complexes Functionalized with anN-Methylamino-oxy Group as Novel Phosphorescent Labeling Reagents for Reducing Sugars. Organometallics, 2010, 29, 3474-3476.	2.3	67
88	Luminescent rhenium(I) polypyridine fluorous complexes as new biological probes. , 2010, , .		0
89	Luminescent Polypyridinerhenium(I) Bis-Biotin Complexes as Crosslinkers for Avidin. European Journal of Inorganic Chemistry, 2009, 2009, 4265-4273.	2.0	43
90	Synthesis, Properties, and Live-Cell Imaging Studies of Luminescent Cyclometalated Iridium(III) Polypyridine Complexes Containing Two or Three Biotin Pendants. Inorganic Chemistry, 2009, 48, 6011-6025.	4.0	151

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91	Luminescent Cyclometalated Iridium(III) Polypyridine Indole Complexesâ€"Synthesis, Photophysics, Electrochemistry, Protein-Binding Properties, Cytotoxicity, and Cellular Uptake. Inorganic Chemistry, 2009, 48, 708-718.	4.0	163
92	Novel Luminescent Tricarbonylrhenium(I) Polypyridine Tyramine-Derived Dipicolylamine Complexes as Sensors for Zinc(II) and Cadmium(II) Ions. Organometallics, 2009, 28, 4297-4307.	2.3	97
93	Exploitation of the Dualâ€emissive Properties of Cyclometalated Iridium(III)â€"Polypyridine Complexes in the Development of Luminescent Biological Probes. Angewandte Chemie - International Edition, 2008, 47, 2213-2216.	13.8	198
94	Cover Picture: Exploitation of the Dual-emissive Properties of Cyclometalated Iridium(III)â€"Polypyridine Complexes in the Development of Luminescent Biological Probes (Angew. Chem. Int. Ed. 12/2008). Angewandte Chemie - International Edition, 2008, 47, 2153-2153.	13.8	0
95	Luminescent Biological Probes Derived from Ruthenium(II) Estradiol Polypyridine Complexes. Inorganic Chemistry, 2008, 47, 200-208.	4.0	291
96	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. Organometallics, 2008, 27, 2998-3006.	2.3	110
97	Rhenium(I) Polypyridine Biotin Isothiocyanate Complexes as the First Luminescent Biotinylation Reagents:â€‰ Synthesis, Photophysical Properties, Biological Labeling, Cytotoxicity, and Imaging Studies. Inorganic Chemistry, 2008, 47, 602-611.	4.0	152
98	Luminescent Tricarbonylrhenium(I) Dipyridoquinoxaline Indole Complexes as Sensitive Probes for Indole-Binding Proteins. Organometallics, 2007, 26, 3440-3447.	2.3	33
99	Cyclometalated Iridium(III) Diimine Bis(biotin) Complexes as the First Luminescent Biotin-Based Cross-Linkers for Avidin. Inorganic Chemistry, 2007, 46, 700-709.	4.0	82
100	Synthesis, Photophysical and Electrochemical Properties, and Protein-Binding Studies of Luminescent Cyclometalated Iridium(III) Bipyridine Estradiol Conjugates. Chemistry - A European Journal, 2007, 13, 7110-7120.	3.3	113
101	Synthesis and Photophysical Properties of Bis-Cyclometallated Iridium(III)â€"Styryl Complexes and Their Saturated Analogues. European Journal of Inorganic Chemistry, 2007, 2007, 2734-2747.	2.0	29
102	Non-covalent binding of luminescent transition metal polypyridine complexes to avidin, indole-binding proteins and estrogen receptors. Coordination Chemistry Reviews, 2007, 251, 2292-2310.	18.8	129
103	Luminescent ruthenium(II) amidodipyridoquinoxaline biotin complexes that display higher avidin-induced emission enhancement. Inorganica Chimica Acta, 2007, 360, 293-302.	2.4	16
104	Synthesis, crystal structures, electrochemical and protein-binding properties of ferroceneâ€"indole conjugates. New Journal of Chemistry, 2006, 30, 1567-1575.	2.8	9
105	Luminescent Tricarbonylrhenium(I) Polypyridine Estradiol Conjugates:Â Synthesis, Crystal Structure, and Photophysical, Electrochemical, and Protein-Binding Properties. Organometallics, 2006, 25, 3220-3227.	2.3	62
106	Luminescent Transition Metal Polypyridine Biotin Complexes. Journal of the Chinese Chemical Society, 2006, 53, 53-65.	1.4	8
107	Luminescent transition metal complex biotin conjugates. Coordination Chemistry Reviews, 2006, 250, 1724-1736.	18.8	116
108	Luminescent probes for indole-binding proteins derived from ruthenium(II) polypyridine complexes. Inorganica Chimica Acta, 2006, 359, 1845-1854.	2.4	32

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109	Nucleic Acid Intercalators and Avidin Probes Derived from Luminescent Cyclometalated Iridium(III)â€“Dipyridoquinoxaline and â€“Dipyridophenazine Complexes. Chemistry - A European Journal, 2006, 12, 1500-1512.	3.3	162
110	Luminescent Cyclometalated Iridium(III) Polypyridine Complexes Containing a Thiourea Moiety: Synthesis, Characterization, Photophysics, Electrochemistry and Anion-Binding Properties. European Journal of Inorganic Chemistry, 2006, 2006, 4054-4062.	2.0	34
111	Utilization of the Highly Environment-Sensitive Emission Properties of Rhenium(I) Amidodipyridoquinoxaline Biotin Complexes in the Development of Biological Probes. Inorganic Chemistry, 2006, 45, 1714-1722.	4.0	58
112	Luminescent Transition Metal Complexes as Biological Labels and Probes. Structure and Bonding, 2006, , 205-245.	1.0	34
113	Biological labelling reagents and probes derived from luminescent transition metal polypyridine complexes. Coordination Chemistry Reviews, 2005, 249, 1434-1450.	18.8	155
114	Synthesis, Structure, and Photophysical and Electrochemical Properties of Cyclometallated Iridium(III) Complexes with Phenylated Bipyridine Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 110-117.	2.0	65
115	Luminescent Cyclometalated Iridium(III) Arylbenzothiazole Biotin Complexes. Organometallics, 2005, 24, 4594-4601.	2.3	67
116	Tris-Cyclometalated Iridium(III) Styryl Complexes and Their Saturated Analogues:Â Direct Functionalization of Ir(4-Me-ppy)3and Hydrogen Transfer Process. Organometallics, 2005, 24, 6069-6072.	2.3	34
117	Synthesis, Characterization, Crystal Structure, and Electrochemical, Photophysical, and Protein-Binding Properties of Luminescent Rhenium(I) Diimine Indole Complexes. Inorganic Chemistry, 2005, 44, 6100-6110.	4.0	64
118	Design of Rhenium(I) Polypyridine Biotin Complexes as a New Class of Luminescent Probes for Avidin. Inorganic Chemistry, 2005, 44, 1992-2002.	4.0	72
119	Human health risk assessment of organochlorines associated with fish consumption in a coastal city in China. Environmental Pollution, 2005, 136, 155-165.	7.5	187
120	Oriented immobilization of Pseudomonas putida putidaredoxin at a gold (111)-buffer interface: a real time scanning tunnelling microscopy study. Journal of Microscopy, 2004, 213, 6-10.	1.8	5
121	Synthesis, photophysical and electrochemical properties, and biological labelling studies of luminescent cyclometallated iridium(III) bipyridineâ€“aldehyde complexes. Inorganica Chimica Acta, 2004, 357, 3109-3118.	2.4	55
122	Novel Luminescent Cyclometalated Iridium(III) Diimine Complexes That Contain a Biotin Moiety. Organometallics, 2004, 23, 3108-3116.	2.3	104
123	Electrochemical, Photophysical, and Anion-Binding Properties of a Luminescent Rhenium(I) Polypyridine Anthraquinone Complex with a Thiourea Receptor. Organometallics, 2004, 23, 1098-1106.	2.3	45
124	Luminescent Ruthenium(II) Polypyridine Biotin Complexes:â€‰ Synthesis, Characterization, Photophysical and Electrochemical Properties, and Avidin-Binding Studies. Inorganic Chemistry, 2004, 43, 5275-5282.	4.0	63
125	Bifunctional Luminescent Rhenium(I) Complexes Containing an Extended Planar Diimine Ligand and a Biotin Moiety. Organometallics, 2004, 23, 3062-3070.	2.3	54
126	Synthesis, Photophysical and Electrochemical Properties, and Biological Labeling Studies of Cyclometalated Iridium(III) Bis(pyridylbenzaldehyde) Complexes: Novel Luminescent Cross-Linkers for Biomolecules. Chemistry - A European Journal, 2003, 9, 475-483.	3.3	154

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127	New Luminescent Cyclometalated Iridium(III) Diimine Complexes as Biological Labeling Reagents. Inorganic Chemistry, 2003, 42, 6886-6897.	4.0	285
128	Luminescent rhenium(i) diimine indole conjugates â€“ photophysical, electrochemical and protein-binding properties. Chemical Communications, 2003, , 2704-2705.	4.1	48
129	Derivatisation of microcystin with a redox-active label for high-performance liquid chromatography/electrochemical detection. New Journal of Chemistry, 2003, 27, 274-279.	2.8	15
130	Luminescent cyclometallated rhodium(iii) bis(pyridylbenzaldehyde) complexes with long-lived excited states. Dalton Transactions, 2003, , 4682.	3.3	39
131	Synthesis, Characterization, Photophysical Properties, and Biological Labeling Studies of a Series of Luminescent Rhenium(I) Polypyridine Maleimide Complexes. Inorganic Chemistry, 2002, 41, 40-46.	4.0	94
132	Novel Rhenium(I) Polypyridine Biotin Complexes That Show Luminescence Enhancement and Lifetime Elongation upon Binding to Avidin. Journal of the American Chemical Society, 2002, 124, 9344-9345.	13.7	107
133	Specific labelling of sulfhydryl-containing biomolecules with redox-active N-(ferrocenyl)iodoacetamide. Dalton Transactions RSC, 2002, , 1753-1756.	2.3	3
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