

Hui Chao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9169924/publications.pdf>

Version: 2024-02-01

203
papers

11,552
citations

25423

59
h-index

42259

96
g-index

213
all docs

213
docs citations

213
times ranked

9149
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclometalated Iridium(III) Complexes as Mitochondria-targeting Photosensitizers against Cisplatin-resistant Cells. <i>Photochemistry and Photobiology</i> , 2022, 98, 85-91.	1.3	9
2	Cycloruthenated Self-Assembly with Metabolic Inhibition to Efficiently Overcome Multidrug Resistance in Cancers. <i>Advanced Materials</i> , 2022, 34, e2100245.	11.1	23
3	Engineered exosomes as a natural nanoplatfom for cancer targeted delivery of metal-based drugs. <i>Coordination Chemistry Reviews</i> , 2022, 454, 214325.	9.5	9
4	Chiral rhodium(III)-azobenzene complexes as photoswitchable DNA molecular locks. <i>Chemical Communications</i> , 2022, 58, 4324-4327.	2.2	7
5	Photodecaging of a Mitochondria-Localized Iridium(III) Endoperoxide Complex for Two-Photon Photoactivated Therapy under Hypoxia. <i>Journal of the American Chemical Society</i> , 2022, 144, 4091-4101.	6.6	93
6	A mitochondria-localized iridium(III)-chlorin E6 conjugate for synergistic sonodynamic and two-photon photodynamic therapy against melanoma. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3034-3046.	3.0	7
7	A Biodegradable Iridium(III) Coordination Polymer for Enhanced Two-Photon Photodynamic Therapy Using an Apoptosis-Ferroptosis Hybrid Pathway. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	9
8	A Biodegradable Iridium(III) Coordination Polymer for Enhanced Two-Photon Photodynamic Therapy Using an Apoptosis-Ferroptosis Hybrid Pathway. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	64
9	A mitochondria-localized oxygen self-sufficient two-photon nano-photosensitizer for ferroptosis-boosted photodynamic therapy under hypoxia. <i>Nano Today</i> , 2022, 44, 101509.	6.2	33
10	A pH-responsive iridium(III) two-photon photosensitizer loaded CaCO ₃ nanoplatfom for combined Ca ²⁺ overload and photodynamic therapy. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4171-4183.	3.0	9
11	One- and Two-Photon Phototherapeutic Effects of Ru ^{II} Polypyridine Complexes in the Hypoxic Centre of Large Multicellular Tumor Spheroids and Tumor-bearing Mice**. <i>Chemistry - A European Journal</i> , 2021, 27, 362-370.	1.7	37
12	Oxygen self-sufficient photodynamic therapy. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213714.	9.5	66
13	Highly cytotoxic copper(II) terpyridine complexes as anticancer drug candidates. <i>Inorganica Chimica Acta</i> , 2021, 516, 120137.	1.2	27
14	An ER-targeting Iridium(III) Complex That Induces Immunogenic Cell Death in Non-small Cell Lung Cancer. <i>Angewandte Chemie</i> , 2021, 133, 4707-4715.	1.6	28
15	An ER-targeting Iridium(III) Complex That Induces Immunogenic Cell Death in Non-small Cell Lung Cancer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4657-4665.	7.2	144
16	Supramolecular Assembly of An Organoplatinum(II) Complex with Ratiometric Dual Emission for Two-Photon Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4150-4157.	7.2	24
17	Ruthenium(II) complexes as bioorthogonal two-photon photosensitizers for tumour-specific photodynamic therapy against triple-negative breast cancer cells. <i>Chemical Communications</i> , 2021, 57, 4408-4411.	2.2	19
18	Nano-assembly of ruthenium(II) photosensitizers for endogenous glutathione depletion and enhanced two-photon photodynamic therapy. <i>Nanoscale</i> , 2021, 13, 7590-7599.	2.8	16

#	ARTICLE	IF	CITATIONS
19	Necroptosis-inducing iridium(<i>iii</i>) complexes as regulators of cyclin-dependent kinases. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1788-1794.	3.0	10
20	A mitochondrion-targeted BODIPY-Ir(<i>iii</i>) conjugate as a photoinduced ROS generator for the oxidative destruction of triple-negative breast cancer cells. <i>Dalton Transactions</i> , 2021, 50, 14332-14341.	1.6	12
21	Robust Packing of a Self-Assembling Iridium Complex via Endocytic Trafficking for Long-Term Lysosome Tracking. <i>Angewandte Chemie</i> , 2021, 133, 7675-7679.	1.6	2
22	Robust Packing of a Self-Assembling Iridium Complex via Endocytic Trafficking for Long-Term Lysosome Tracking. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7597-7601.	7.2	32
23	Anti-metastasis and anti-proliferation effect of mitochondria-accumulating ruthenium(II) complexes via redox homeostasis disturbance and energy depletion. <i>Journal of Inorganic Biochemistry</i> , 2021, 217, 111380.	1.5	17
24	Mitochondria-Targeting and Reversible Near-Infrared Emissive Iridium(III) Probe for <i>in vivo</i> ONOO ⁻ /GSH Redox Cycles Monitoring. <i>Analytical Chemistry</i> , 2021, 93, 8062-8070.	3.2	39
25	Cancer cell membrane camouflaged iridium complexes functionalized black-titanium nanoparticles for hierarchical-targeted synergistic NIR-II photothermal and sonodynamic therapy. <i>Biomaterials</i> , 2021, 275, 120979.	5.7	82
26	Autophagy-Dependent Apoptosis Induced by Apoferritin@Cu(II) Nanoparticles in Multidrug-Resistant Colon Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38959-38968.	4.0	17
27	Recent advances in ruthenium(II) and iridium(III) complexes containing nanosystems for cancer treatment and bioimaging. <i>Coordination Chemistry Reviews</i> , 2021, 443, 214016.	9.5	68
28	Ruthenium(II) complexes coordinated to graphitic carbon nitride: Oxygen self-sufficient photosensitizers which produce multiple ROS for photodynamic therapy in hypoxia. <i>Biomaterials</i> , 2021, 276, 121064.	5.7	56
29	Iridium(<i>iii</i>) complexes as mitochondrial topoisomerase inhibitors against cisplatin-resistant cancer cells. <i>Chemical Communications</i> , 2021, 57, 8308-8311.	2.2	12
30	Recent progress in photosensitizers for overcoming the challenges of photodynamic therapy: from molecular design to application. <i>Chemical Society Reviews</i> , 2021, 50, 4185-4219.	18.7	576
31	A mitochondrial-targeting iridium(<i>iii</i>) complex for H ₂ O ₂ -responsive and oxidative stress amplified two-photon photodynamic therapy. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5045-5053.	3.0	9
32	Rational design of a lysosome-targeting and near-infrared absorbing Ru(<i>ii</i>)@BODIPY conjugate for photodynamic therapy. <i>Chemical Communications</i> , 2021, 57, 1790-1793.	2.2	33
33	Supramolecular Assembly of An Organoplatinum(II) Complex with Ratiometric Dual Emission for Two-Photon Bioimaging. <i>Angewandte Chemie</i> , 2021, 133, 4196-4203.	1.6	6
34	Metal complexes for mitochondrial bioimaging. <i>Journal of Inorganic Biochemistry</i> , 2020, 204, 110985.	1.5	21
35	Ferriridium: A Lysosome-Targeting Iron(III)-Activated Iridium(III) Prodrug for Chemotherapy in Gastric Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3315-3321.	7.2	54
36	Ferriridium: A Lysosome-Targeting Iron(III)-Activated Iridium(III) Prodrug for Chemotherapy in Gastric Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 3341-3347.	1.6	12

#	ARTICLE	IF	CITATIONS
37	Polymeric Encapsulation of a Ruthenium Polypyridine Complex for Tumor Targeted One- and Two-Photon Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54433-54444.	4.0	42
38	A Mitochondrion-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20697-20703.	7.2	99
39	A Mitochondrion-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 20878-20884.	1.6	16
40	Synthesis, Characterization, and Biological Evaluation of the Polymeric Encapsulation of a Ruthenium(II) Polypyridine Complex with Pluronic F127/Poloxamer407 for Photodynamic Therapy Applications. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3242-3248.	1.0	12
41	Phosphorescent Iridium(III) Complexes for Anticancer Applications. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3978-3986.	1.0	35
42	Critical discussion of the applications of metal complexes for 2-photon photodynamic therapy. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 1035-1050.	1.1	32
43	Synthesis, characterization and anticancer mechanism studies of fluorinated cyclometalated ruthenium(II) complexes. <i>Dalton Transactions</i> , 2020, 49, 7044-7052.	1.6	9
44	Organelle-targeting metal anticancer agents. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 287-337.	0.4	10
45	Rational Design of Cyclometalated Iridium(III) Complexes for Three-Photon Phosphorescence Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15987-15991.	7.2	65
46	Super-resolution observation of lysosomal dynamics with fluorescent gold nanoparticles. <i>Theranostics</i> , 2020, 10, 6072-6081.	4.6	43
47	Rational Design of Cyclometalated Iridium(III) Complexes for Three-Photon Phosphorescence Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 16121-16125.	1.6	14
48	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	1.6	4
49	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16631-16637.	7.2	47
50	Lysosome-Targeting Iridium(III) Probe with Near-Infrared Emission for the Visualization of NO/O ₂ Crosstalk via In Vivo Peroxynitrite Imaging. <i>Analytical Chemistry</i> , 2020, 92, 6003-6009.	3.2	46
51	Rationally designed ruthenium complexes for 1- and 2-photon photodynamic therapy. <i>Nature Communications</i> , 2020, 11, 3262.	5.8	173
52	An Ultrasmall RuO ₂ Nanozyme Exhibiting Multienzyme-like Activity for the Prevention of Acute Kidney Injury. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31205-31216.	4.0	70
53	Nucleus-targeting ultrasmall ruthenium(IV) oxide nanoparticles for photoacoustic imaging and low-temperature photothermal therapy in the NIR-II window. <i>Chemical Communications</i> , 2020, 56, 3019-3022.	2.2	30
54	A mitochondria-targeting magnetothermogenic nanozyme for magnet-induced synergistic cancer therapy. <i>Biomaterials</i> , 2020, 251, 120079.	5.7	106

#	ARTICLE	IF	CITATIONS
55	Mitochondrial DNA targeting and impairment by a dinuclear Ir ^{III} -Pt complex that overcomes cisplatin resistance. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1864-1871.	3.0	36
56	Quantitative analysis of interactive behavior of mitochondria and lysosomes using structured illumination microscopy. <i>Biomaterials</i> , 2020, 250, 120059.	5.7	77
57	Boosting two-photon photodynamic therapy with mitochondria-targeting ruthenium ^{II} -glucose conjugates. <i>Chemical Communications</i> , 2020, 56, 5839-5842.	2.2	27
58	Recent advances in lysosome-targeting luminescent transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113010.	9.5	45
59	A biotinylated ruthenium(II) photosensitizer for tumor-targeted two-photon photodynamic therapy. <i>Chemical Communications</i> , 2019, 55, 10972-10975.	2.2	42
60	Towards Long Wavelength Absorbing Photodynamic Therapy Photosensitizers via the Extension of a [Ru(bipy) ₃] ²⁺ Core. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3704-3712.	1.0	31
61	Mitochondria-targeted Ir@AuNRs as bifunctional therapeutic agents for hypoxia imaging and photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 10273-10276.	2.2	23
62	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitizers. <i>Angewandte Chemie</i> , 2019, 131, 14472-14478.	1.6	23
63	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitizers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14334-14340.	7.2	100
64	Bimodal Visualization of Endogenous Nitric Oxide in Lysosomes with a Two-Photon Iridium(III) Phosphorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 10266-10272.	3.2	32
65	The stepwise photodamage of organelles by two-photon luminescent ruthenium(II) photosensitizers. <i>Chemical Communications</i> , 2019, 55, 11235-11238.	2.2	24
66	Polymeric Bis(dipyrrinato) Zinc(II) Nanoparticles as Selective Imaging Probes for Lysosomes of Cancer Cells. <i>Inorganic Chemistry</i> , 2019, 58, 12422-12432.	1.9	31
67	A self-assembled Ru ^{II} -Pt metallacage as a lysosome-targeting photosensitizer for 2-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20296-20302.	3.3	113
68	Fabrication of red blood cell membrane-camouflaged Cu ²⁺ Se nanoparticles for phototherapy in the second near-infrared window. <i>Chemical Communications</i> , 2019, 55, 6523-6526.	2.2	31
69	Mitochondria-targeting cyclometalated iridium(III) complexes for tumor hypoxic imaging and therapy. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1003-1010.	3.0	35
70	A viscosity-sensitive iridium(III) probe for lysosomal microviscosity quantification and blood viscosity detection in diabetic mice. <i>Dalton Transactions</i> , 2019, 48, 3990-3997.	1.6	25
71	An organoruthenium complex overcomes ABCG2-mediated multidrug resistance <i>via</i> multiple mechanisms. <i>Chemical Communications</i> , 2019, 55, 3833-3836.	2.2	11
72	Endoplasmic reticulum targeted cyclometalated iridium(III) complexes as efficient photodynamic therapy photosensitizers. <i>Dalton Transactions</i> , 2019, 48, 6408-6415.	1.6	64

#	ARTICLE	IF	CITATIONS
73	DNA interaction of ruthenium(ⁱⁱ) complexes with imidazo[4,5- <i>f</i>][1,10]phenanthroline derivatives. Dalton Transactions, 2019, 48, 3914-3921.	1.6	14
74	A mitochondria-targeting dinuclear Ir ^{III} -Ru complex as a synergistic photoactivated chemotherapy and photodynamic therapy agent against cisplatin-resistant tumour cells. Chemical Communications, 2019, 55, 12547-12550.	2.2	49
75	Targeted photoredox catalysis in cancer cells. Nature Chemistry, 2019, 11, 1041-1048.	6.6	293
76	A ruthenium(II) complex containing a p-cresol group induces apoptosis in human cervical carcinoma cells through endoplasmic reticulum stress and reactive oxygen species production. Journal of Inorganic Biochemistry, 2019, 191, 126-134.	1.5	26
77	Organelle-targeting metal complexes: From molecular design to bio-applications. Coordination Chemistry Reviews, 2019, 378, 66-86.	9.5	210
78	Tracking mitochondrial pH fluctuation during cell apoptosis with two-photon phosphorescent iridium(ⁱⁱⁱ) complexes. Chemical Communications, 2018, 54, 2421-2424.	2.2	35
79	Oncosis-inducing cyclometalated iridium(ⁱⁱⁱ) complexes. Chemical Science, 2018, 9, 5183-5190.	3.7	95
80	Harnessing ruthenium(II) as photodynamic agents: Encouraging advances in cancer therapy. Coordination Chemistry Reviews, 2018, 363, 17-28.	9.5	158
81	Mitochondrial dynamics tracking with iridium(III) complexes. Current Opinion in Chemical Biology, 2018, 43, 51-57.	2.8	47
82	Interfering with DNA High-Order Structures using Chiral Ruthenium(II) Complexes. Chemistry - A European Journal, 2018, 24, 690-698.	1.7	8
83	A mitochondria-targeting photothermogenic nanozyme for MRI-guided mild photothermal therapy. Chemical Communications, 2018, 54, 14108-14111.	2.2	39
84	Super-Resolution Tracking of Mitochondrial Dynamics with An Iridium(III) Luminophore. Small, 2018, 14, e1802166.	5.2	89
85	A mitochondria-targeting hetero-binuclear Ir ^{III} -Pt ^{II} complex induces necrosis in cisplatin-resistant tumor cells. Chemical Communications, 2018, 54, 6268-6271.	2.2	51
86	Heterometallic Ru ^{II} -Pt metallacycle for two-photon photodynamic therapy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5664-5669.	3.3	145
87	Tracking mitochondrial dynamics during apoptosis with phosphorescent fluorinated iridium(iii) complexes. Dalton Transactions, 2018, 47, 12907-12913.	1.6	9
88	A GSH-activatable ruthenium(ⁱⁱ)-azo photosensitizer for two-photon photodynamic therapy. Chemical Communications, 2017, 53, 1977-1980.	2.2	94
89	Selectively lighting up two-photon photodynamic activity in mitochondria with AIE-active iridium(ⁱⁱⁱ) complexes. Chemical Communications, 2017, 53, 2052-2055.	2.2	131
90	Combining imaging and anticancer properties with new heterobimetallic Pt(ⁱⁱ)/M(ⁱ) (M = Re, ^{99m} Tc) complexes. Dalton Transactions, 2017, 46, 14523-14536.	1.6	29

#	ARTICLE	IF	CITATIONS
91	Anthraquinone-bridged diruthenium(ⁱⁱ) complexes inhibit migration and invasion of human hepatocarcinoma MHCC97-H cells. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1003-1012.	3.0	12
92	Evaluation of the Medicinal Potential of Two Ruthenium(II) Polypyridine Complexes as One- and Two-Photon Photodynamic Therapy Photosensitizers. <i>Chemistry - A European Journal</i> , 2017, 23, 9888-9896.	1.7	93
93	Crossfire for Two-Photon Photodynamic Therapy with Fluorinated Ruthenium (II) Photosensitizers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18482-18492.	4.0	68
94	Fluorinated cyclometalated iridium(ⁱⁱⁱ) complexes as mitochondria-targeted theranostic anticancer agents. <i>Dalton Transactions</i> , 2017, 46, 6734-6744.	1.6	32
95	Two-photon photodynamic ablation of tumor cells by mitochondria-targeted iridium(ⁱⁱⁱ) complexes in aggregate states. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5488-5498.	2.9	58
96	Near-infrared emitting iridium(ⁱⁱⁱ) complexes for mitochondrial imaging in living cells. <i>Dalton Transactions</i> , 2017, 46, 4777-4785.	1.6	41
97	Enhancing the photothermal stability and photothermal efficacy of AuNRs and AuNTs by grafting with Ru(ⁱⁱ) complexes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 671-678.	2.9	17
98	Influence of the dissolution solvent on the cytotoxicity of octahedral cationic Ir(III) hydride complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 839, 15-18.	0.8	16
99	A NIR phosphorescent osmium(ⁱⁱ) complex as a lysosome tracking reagent and photodynamic therapeutic agent. <i>Chemical Communications</i> , 2017, 53, 12341-12344.	2.2	52
100	Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14898-14902.	7.2	101
101	Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells. <i>Angewandte Chemie</i> , 2017, 129, 15094-15098.	1.6	15
102	Rational design of NIR-emitting iridium(ⁱⁱⁱ) complexes for multimodal phosphorescence imaging of mitochondria under two-photon excitation. <i>Chemical Communications</i> , 2017, 53, 10374-10377.	2.2	48
103	Enhanced cancer therapy by the marriage of metabolic alteration and mitochondrial-targeted photodynamic therapy using cyclometalated Ir(ⁱⁱⁱ) complexes. <i>Chemical Communications</i> , 2017, 53, 9878-9881.	2.2	63
104	Innentitelbild: Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells (<i>Angew. Chem.</i> 47/2017). <i>Angewandte Chemie</i> , 2017, 129, 14968-14968.	1.6	0
105	Extending the Excitation Wavelength of Potential Photosensitizers via Appendage of a Kinetically Stable Terbium(III) Macrocyclic Complex for Applications in Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2017, 56, 7960-7974.	1.9	23
106	The development of anticancer ruthenium(ⁱⁱ) complexes: from single molecule compounds to nanomaterials. <i>Chemical Society Reviews</i> , 2017, 46, 5771-5804.	18.7	793
107	Cyclometalated Ir ^{III} Complexes as Mitochondria-Targeted Photodynamic Anticancer Agents. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1764-1771.	1.0	24
108	Evaluation of Perylene Bisimide-Based Ru ^{II} and Ir ^{III} Complexes as Photosensitizers for Photodynamic Therapy. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1745-1752.	1.0	49

#	ARTICLE	IF	CITATIONS
109	Ruthenium(II) complexes with dppz: from molecular photoswitch to biological applications. <i>Dalton Transactions</i> , 2016, 45, 13261-13276.	1.6	124
110	A Disassembly Strategy for Imaging Endogenous Pyrophosphate in Mitochondria by Using an Fe^{III} -salen Complex. <i>ChemBioChem</i> , 2016, 17, 1211-1215.	1.3	17
111	A Cyclometalated Iridium(III) Complex Serves as a Phosphorescent Probe for Specific Mitochondrial Imaging in Living Cells. <i>Chinese Journal of Chemistry</i> , 2016, 34, 583-588.	2.6	6
112	Iridium(III) Anthraquinone Complexes as Two-Photon Phosphorescence Probes for Mitochondria Imaging and Tracking under Hypoxia. <i>Chemistry - A European Journal</i> , 2016, 22, 8955-8965.	1.7	67
113	Mitochondrial Dynamics Tracking with Two-Photon Phosphorescent Terpyridyl Iridium(III) Complexes. <i>Scientific Reports</i> , 2016, 6, 20887.	1.6	31
114	Long-Term Lysosomes Tracking with a Water-Soluble Two-Photon Phosphorescent Iridium(III) Complex. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12702-12710.	4.0	86
115	Cyclometalated iridium(III) complexes as mitochondria-targeted anticancer agents. <i>Biochimie</i> , 2016, 125, 186-194.	1.3	31
116	Topoisomerase III α poisoning and DNA double-strand breaking by chiral ruthenium(II) complexes containing 2-furanyl-imidazo[4,5-f][1,10]phenanthroline derivatives. <i>Dalton Transactions</i> , 2016, 45, 10546-10555.	1.6	25
117	Biscyclometalated iridium(III) complexes target mitochondria or lysosomes by regulating the lipophilicity of the main ligands. <i>Dalton Transactions</i> , 2016, 45, 16144-16147.	1.6	60
118	Ruthenium(II) Complexes with 2-Phenylimidazo[4,5-f][1,10]phenanthroline Derivatives that Strongly Combat Cisplatin-Resistant Tumor Cells. <i>Scientific Reports</i> , 2016, 6, 19449.	1.6	93
119	Human Ferrochelatase: Insights for the Mechanism of Ferrous Iron Approaching Protoporphyrin IX by QM/MM and QTCP Free Energy Studies. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 2421-2433.	2.5	14
120	Cyclometalated Iridium(III) Complexes as AIE Phosphorescent Probes for Real-Time Monitoring of Mitophagy in Living Cells. <i>Scientific Reports</i> , 2016, 6, 22039.	1.6	46
121	Synthesis, characterization and biological evaluation of labile intercalative ruthenium(II) complexes for anticancer drug screening. <i>Dalton Transactions</i> , 2016, 45, 13135-13145.	1.6	42
122	Real-time tracking mitochondrial dynamic remodeling with two-photon phosphorescent iridium (III) complexes. <i>Biomaterials</i> , 2016, 83, 321-331.	5.7	66
123	Mitochondria-targeted ruthenium (II) polypyridyl complexes with benzofuran group for live cell imaging. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 82-88.	1.5	13
124	Two-photon luminescent metal complexes for bioimaging and cancer phototherapy. <i>Coordination Chemistry Reviews</i> , 2016, 310, 16-40.	9.5	216
125	Photoluminescence quenching of $[\text{Ru}(\text{bpy})_2(\text{attp})]^{2+}$ bound to a condensed DNA matrix. <i>Journal of Inorganic Biochemistry</i> , 2016, 154, 1-6.	1.5	2
126	Azo-Based Iridium(III) Complexes as Multicolor Phosphorescent Probes to Detect Hypoxia in 3D Multicellular Tumor Spheroids. <i>Scientific Reports</i> , 2015, 5, 14837.	1.6	52

#	ARTICLE	IF	CITATIONS
127	Cyclometalated Ruthenium(II) Anthraquinone Complexes Exhibit Strong Anticancer Activity in Hypoxic Tumor Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 15308-15319.	1.7	79
128	Cyclometalated Iridium(III) Complexes as Two-Photon Phosphorescent Probes for Specific Mitochondrial Dynamics Tracking in Living Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 12000-12010.	1.7	63
129	Highly Charged Ruthenium(II) Polypyridyl Complexes as Lysosome-Localized Photosensitizers for Two-Photon Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14049-14052.	7.2	368
130	A mitochondrial targeted two-photon iridium(III) phosphorescent probe for selective detection of hypochlorite in live cells and in vivo. <i>Biomaterials</i> , 2015, 53, 285-295.	5.7	117
131	A ruthenium(II) complex inhibits tumor growth in vivo with fewer side-effects compared with cisplatin. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 89-96.	1.5	49
132	Dinuclear Ruthenium(II) Complexes That Induce and Stabilise G-Quadruplex DNA. <i>Chemistry - A European Journal</i> , 2015, 21, 4008-4020.	1.7	56
133	Lipophilic Tetranuclear Ruthenium(II) Complexes as Two-Photon Luminescent Tracking Non-Viral Gene Vectors. <i>Chemistry - A European Journal</i> , 2015, 21, 3691-3700.	1.7	32
134	Ruthenium(II) polypyridyl complexes as dual inhibitors of telomerase and topoisomerase. <i>Dalton Transactions</i> , 2015, 44, 15145-15156.	1.6	40
135	Synthesis, crystal structure and anaerobic DNA photocleavage of ruthenium complexes [Ru(tpy)(dpoq)Cl] ⁺ and [Ru(tpy)(dpoq)CH ₃ CN] ₂ ⁺ . <i>Journal of Inorganic Biochemistry</i> , 2015, 149, 80-87.	1.5	9
136	Dinuclear iridium(III) complexes as phosphorescent trackers to monitor mitochondrial dynamics. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3306-3314.	2.9	28
137	A fast and selective two-photon phosphorescent probe for the imaging of nitric oxide in mitochondria. <i>Biomaterials</i> , 2015, 58, 72-81.	5.7	67
138	Direct imaging of biological sulfur dioxide derivatives in vivo using a two-photon phosphorescent probe. <i>Biomaterials</i> , 2015, 63, 128-136.	5.7	58
139	Unexpected high photothermal conversion efficiency of gold nanospheres upon grafting with two-photon luminescent ruthenium(II) complexes: A way towards cancer therapy?. <i>Biomaterials</i> , 2015, 63, 102-114.	5.7	56
140	A dendritic nano-sized hexanuclear ruthenium(II) complex as a one- and two-photon luminescent tracking non-viral gene vector. <i>Scientific Reports</i> , 2015, 5, 10707.	1.6	24
141	Labile ruthenium(II) complexes with extended phenyl-substituted terpyridyl ligands: synthesis, aquation and anticancer evaluation. <i>Dalton Transactions</i> , 2015, 44, 15602-15610.	1.6	33
142	Mitochondria-specific imaging and tracking in living cells with two-photon phosphorescent iridium(III) complexes. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6690-6697.	2.9	32
143	Tetranuclear ruthenium(II) complexes with oligo-oxyethylene linkers as one- and two-photon luminescent tracking non-viral gene vectors. <i>Dalton Transactions</i> , 2015, 44, 7058-7065.	1.6	14
144	Ruthenium(II) polypyridyl complexes as mitochondria-targeted two-photon photodynamic anticancer agents. <i>Biomaterials</i> , 2015, 56, 140-153.	5.7	227

#	ARTICLE	IF	CITATIONS
145	Cyclometalated iridium(III) complexes with imidazo[4,5-f][1,10]phenanthroline derivatives for mitochondrial imaging in living cells. Dalton Transactions, 2015, 44, 7538-7547.	1.6	45
146	Ruthenium(II) anthraquinone complexes as two-photon luminescent probes for cycling hypoxia imaging in vivo. Biomaterials, 2015, 53, 522-531.	5.7	76
147	Noncovalent Ruthenium(II) Complexes in Single-Walled Carbon Nanotube Composites for Bimodal Photothermal and Photodynamic Therapy with Near-Infrared Irradiation. ACS Applied Materials & Interfaces, 2015, 7, 23278-23290.	4.0	140
148	Unique Optical Oxygen-Sensing Performance of [Ru(IP) ₂ (HNAIP)] ²⁺ during the Groove-Binding-Induced B-to-Z DNA Conformational Transition. Inorganic Chemistry, 2015, 54, 8281-8287.	1.9	12
149	Synthesis, characterization and biological evaluation of mixed-ligand ruthenium(II) complexes for photodynamic therapy. Dalton Transactions, 2015, 44, 17335-17345.	1.6	53
150	Comparison Between Polypyridyl and Cyclometalated Ruthenium(II) Complexes: Anticancer Activities Against 2D and 3D Cancer Models. Chemistry - A European Journal, 2015, 21, 715-725.	1.7	120
151	RuNH ₂ @AuNPs as two-photon luminescent probes for thiols in living cells and tissues. Biomaterials, 2014, 35, 9003-9011.	5.7	37
152	Phosphorescent iridium(III) complexes as multicolour probes for imaging of hypochlorite ions in mitochondria. Journal of Materials Chemistry B, 2014, 2, 7918-7926.	2.9	77
153	Phosphorescent iridium(III) complexes as multicolor probes for specific mitochondrial imaging and tracking. Biomaterials, 2014, 35, 2-13.	5.7	118
154	Dual topoisomerase I and II poisoning by chiral Ru(II) complexes containing 2-thiophenylimidazo[4,5-f][1,10]phenanthroline derivatives. Journal of Inorganic Biochemistry, 2014, 130, 15-27.	1.5	47
155	Mitochondria are the primary target in the induction of apoptosis by chiral ruthenium(II) polypyridyl complexes in cancer cells. Journal of Biological Inorganic Chemistry, 2014, 19, 335-348.	1.1	73
156	Targeting Nucleus DNA with a Cyclometalated Dipyrrophenazineruthenium(II) Complex. Journal of Medicinal Chemistry, 2014, 57, 8971-8983.	2.9	207
157	Synthesis, DNA interaction and anticancer activity of copper(II) complexes with 4-phenyl-2,6-dimethyl-3-terpyridine derivatives. Journal of Inorganic Biochemistry, 2014, 141, 17-27.	1.5	64
158	Dinuclear ruthenium(II) polypyridyl complexes as single and two-photon luminescence cellular imaging probes. Chemical Communications, 2014, 50, 2123.	2.2	68
159	DNA binding properties and cytotoxic activities of two trinuclear ruthenium(II) polypyridyl complexes. Chemical Research in Chinese Universities, 2014, 30, 461-467.	1.3	0
160	DNA condensation induced by metal complexes. Coordination Chemistry Reviews, 2014, 281, 100-113.	9.5	84
161	A dinuclear iridium(III) complex as a visual specific phosphorescent probe for endogenous sulphite and bisulphite in living cells. Chemical Science, 2013, 4, 4426.	3.7	108
162	Condensation and salt-induced decondensation of DNA upon incorporation of a V-shaped luminescent [Ru ₂ (bpy) ₄ (mbpibH ₂)] ⁴⁺ . Journal of Inorganic Biochemistry, 2013, 129, 9-14.	1.5	13

#	ARTICLE	IF	CITATIONS
163	Mitochondria-specific phosphorescent imaging and tracking in living cells with an AIPE-active iridium(III) complex. <i>Chemical Communications</i> , 2013, 49, 11095.	2.2	78
164	Targeting telomeric G-quadruplexes with the ruthenium(II) complexes [Ru(bpy) ₂ (ptpn)] ²⁺ and [Ru(phen) ₂ (ptpn)] ²⁺ . <i>Dalton Transactions</i> , 2013, 42, 4386.	1.6	48
165	A luminescent tetranuclear ruthenium(II) complex as a tracking non-viral gene vector. <i>Chemical Communications</i> , 2013, 49, 810-812.	2.2	38
166	The induction of mitochondria-mediated apoptosis in cancer cells by ruthenium(II) asymmetric complexes. <i>Metallomics</i> , 2013, 5, 844.	1.0	143
167	Colorimetric and luminescent dual-signaling responsive probing of thiols by a ruthenium(II)-azo complex. <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 108-113.	1.5	19
168	Thiol-specific phosphorescent imaging in living cells with an azobis(2,2'-bipyridine)-bridged dinuclear iridium(III) complex. <i>Chemical Communications</i> , 2013, 49, 2040.	2.2	51
169	Visual specific luminescent probing of hybrid G-quadruplex DNA by a ruthenium polypyridyl complex. <i>Chemical Communications</i> , 2012, 48, 10781.	2.2	56
170	Synthesis, characterization, and DNA-binding studies of ruthenium complexes [Ru(tpy)(ptn)] ²⁺ and [Ru(dmpy)(ptn)] ²⁺ . <i>Journal of Inorganic Biochemistry</i> , 2012, 113, 31-39.	1.5	25
171	Chiral ruthenium(II) anthraquinone complexes as dual inhibitors of topoisomerases I and II. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 81-96.	1.1	91
172	Synthesis, crystal structures, electrochemical and spectroscopic properties of ruthenium(II) complexes containing diamino-1,3,5-triazine derivatives. <i>Science China Chemistry</i> , 2010, 53, 2099-2105.	4.2	1
173	Chemical modulation of the luminescence of a DNA-bound diruthenium(II) complex by copper(II) ion and EDTA. <i>Transition Metal Chemistry</i> , 2010, 35, 707-711.	0.7	10
174	Luminescence properties of a di-ruthenium(II) complex with an intramolecular hydrogen bond modulated by DNA and copper(II) ion. <i>Transition Metal Chemistry</i> , 2009, 34, 773-778.	0.7	5
175	Synthesis, DNA-binding and photocleavage studies of ruthenium(II) complexes [Ru(btz) ₃] ²⁺ and [Ru(btz)(dppz) ₂] ²⁺ . <i>Science in China Series B: Chemistry</i> , 2009, 52, 1504-1511.	0.8	6
176	Metabolic engineering based on systems biology for chemicals production. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2009, 4, 260-265.	0.2	4
177	In Vitro Transcription Inhibition by Ruthenium(II) Polypyridyl Complexes with Electropositive Ancillary Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 5599-5601.	1.9	50
178	DNA Condensation Induced by Ruthenium(II) Polypyridyl Complexes [Ru(bpy) ₂ (PIPSh)] ²⁺ and [Ru(bpy) ₂ (PIPnH)] ²⁺ . <i>Inorganic Chemistry</i> , 2009, 48, 4637-4639.	1.9	80
179	Synthesis, DNA-binding and Photocleavage Studies of the Ruthenium(II) Complexes [Ru(phen) ₂ (ppd)] ²⁺ and [Ru(phen)(ppd) ₂] ²⁺ (ppd=Pteridino[6,7-f]phenanthroline-1,10-dione.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.0	24
180	DNA Interactions of the Functionalized (Mixed Polypyridine)ruthenium(II) Complex Bis(2,2'-bipyridine-1,1'-diyl)(1,10-phenanthroline-5,6-dione)(methyl) ([Ru(bpy) ₂ (dppz)(CO ₂ Me)] ²⁺). <i>Helvetica Chimica Acta</i> , 2008, 91, 1251-1260.	1.0	12

#	ARTICLE	IF	CITATIONS
181	Single oxygen-mediated DNA photocleavage of a di-bithiazolyl ruthenium(II) complex [Ru(bt ₂) ₂ (dppz)] ²⁺ . Inorganic Chemistry Communication, 2008, 11, 553-556.	1.8	28
182	Synthesis, DNA-binding and DNA-photocleavage properties of ruthenium(II) mixed-polypyridyl complex [Ru(bt ₂) ₂ (dppz)] ²⁺ . Journal of Molecular Structure, 2008, 892, 485-489.	1.8	10
183	Synthesis, Characterization, and DNA-Binding Properties of the Chiral Ruthenium(II) Complexes λ^{H} - and λ^{H} -[Ru(bpy) ₂ (dmppd)] ²⁺ (dmppd = 10,12-Dimethylpteridino[6,7-f][1,10]phenanthroline-11,13(10H,12H)-dione); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
184	Experimental and Density-Functional-Theory (DFT) Studies on the DNA-Binding Trend and Spectral Properties of the Ruthenium Complexes [Ru(4,7-dmp)(bdip)] ²⁺ and [Ru(bpy) ₂ (bdip)] ²⁺ (4,7-dmp = 4,7-Dimethyl-1,10-phenanthroline); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
185	Helvetica Chimica Acta, 2007, 90, 1786-1801. Synthesis, DNA binding and oxidative cleavage studies of an asymmetric tridentate copper(II) complex. Transition Metal Chemistry, 2007, 32, 125-130.	0.7	5
186	Synthesis, DNA-binding and photocleavage studies of cobalt(III) complexes [Co(bpy) ₂ (dpta)] ³⁺ and [Co(bpy) ₂ (amtp)] ³⁺ . Transition Metal Chemistry, 2007, 32, 271-277.	0.7	18
187	DNA Interactions of a Dinuclear Ruthenium(II) Complex Bridged by 1,3-bis(1,10-phenanthroline[5,6-d]imidazol-2-yl)benzene. Transition Metal Chemistry, 2006, 31, 465-469.	0.7	22
188	27Co Cobalt Complexes As Potential Pharmaceutical Agents. , 2005, , 201-218.		3
189	Bis(2,2'-bipyridine)cobalt(III) complexes containing asymmetric ligands: Synthesis, DNA-binding and photocleavage studies. Transition Metal Chemistry, 2005, 30, 305-311.	0.7	29
190	DNA Interactions with Ruthenium(II) Polypyridine Complexes Containing Asymmetric Ligands. Bioinorganic Chemistry and Applications, 2005, 3, 15-28.	1.8	52
191	Synthesis, characterization and third-order nonlinear optical properties of ruthenium(II) complexes containing 2-(4-nitrophenyl)imidazo[4,5-f][1,10]phenanthroline. Transition Metal Chemistry, 2004, 29, 774-779.	0.7	16
192	Synthesis, Characterization, and DNA-Binding Properties of the Ruthenium(II) Complexes [Ru(dipn)(dtp)](ClO ₄) ₂ and [Ru(dipn)(pat)](ClO ₄) ₂ (dipn = N-(3-Aminpropyl)propane-1,3-diamine); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	27
193	1180-1193 Synthesis, Characterization, and DNA Interaction Studies of the Ruthenium(II) Complexes [Ru(bpy) ₂ (ipbp)] ²⁺ and [Ru(ipbp)(phen)] ²⁺ (ipbp = 3-(1H-Imidazo[4,5-f][1,10]phenanthrolin-2-yl)-4H-1-benzopyran-2-one; bpy = 2,2'-Bipyridine); Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	23
194	Crystal Structure of Chloro(2,2'-bipyridine)[3-(1,10-phenanthroline-2-yl)-5,6-diphenyl-as-triazine]ruthenium(II) Perchlorate. Analytical Sciences: X-ray Structure Analysis Online, 2004, 20, X49-X50.	0.1	1
195	DNA-binding and cleavage studies of a novel porphyrin ruthenium mixed complex [MPyTPP-Ru(pip) ₂ Cl] ⁺ . Transition Metal Chemistry, 2003, 28, 852-857.	0.7	38
196	Mono-, Di-, and Tetranuclear Ruthenium(II) Complexes Containing 3-(Pyridin-2-yl)-as-triazino[5,6-f][1,10]phenanthroline: Synthesis, Characterization, and Electrochemical and Photophysical Properties. Inorganic Chemistry, 2003, 42, 8823-8830.	1.9	21
197	Experimental and theoretical study on DNA-binding and photocleavage properties of chiral complexes λ^{H} - and λ^{H} -[Ru(bpy) ₂ L] (L = o-hpip, m-hpip and p-hpip) Electronic supplementary information (ESI) available: electronic spectra and photocleavage diagrams. See http://www.rsc.org/suppdata/dt/b2/b212443b/ . Dalton Transactions. 2003, , 1352-1359.	1.6	102
198	Synthesis, Characterization and Third-Order Nonlinear Optical Properties of a Series of Ruthenium(II) Complexes Containing 2-Arylimidazo-[4,5-f][1,10]Phenanthroline. Journal of Coordination Chemistry, 2003, 56, 147-154.	0.8	5

#	ARTICLE	IF	CITATIONS
199	DNA binding studies of ruthenium(II) complexes containing asymmetric tridentate ligands. Journal of Inorganic Biochemistry, 2002, 92, 165-170.	1.5	219
200	Title is missing!. Transition Metal Chemistry, 2002, 27, 520-525.	0.7	16
201	Bis(4,4'-dimethyl-2,2'-bipyridine) ruthenium (II) Complexes Containing 2-Arylimidazo[4,5-f][1,10]phenanthroline: Syntheses, Characterization and Third-Order Nonlinear Optical Properties. Chinese Journal of Chemistry, 2002, 20, 1235-1240.	2.6	4
202	Functions and applications of polypyridyl complexes in DNA. Science Bulletin, 2001, 46, 1332-1337.	1.7	25
203	Chiral Ru(II) Complexes Inducing Telomere Dysfunction against Cisplatin-Resistant Cancer Cells. Angewandte Chemie, 0, , .	1.6	0