

# Chung-Hang Leung

## List of Publications by Year in descending order

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165  
papers

8,459  
citations

38660

50  
h-index

56606

83  
g-index

167  
all docs

167  
docs citations

167  
times ranked

8681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive Luminescent Transition-Metal Complexes for Biomedical Applications. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7666-7682.	7.2	339
2	Recent advances in luminescent heavy metal complexes for sensing. <i>Coordination Chemistry Reviews</i> , 2012, 256, 3087-3113.	9.5	273
3	Bioactive iridium and rhodium complexes as therapeutic agents. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1764-1776.	9.5	265
4	Group 9 Organometallic Compounds for Therapeutic and Bioanalytical Applications. <i>Accounts of Chemical Research</i> , 2014, 47, 3614-3631.	7.6	224
5	Label-free luminescent oligonucleotide-based probes. <i>Chemical Society Reviews</i> , 2013, 42, 3427.	18.7	214
6	Luminescent chemosensors by using cyclometalated iridium(III) complexes and their applications. <i>Chemical Science</i> , 2017, 8, 878-889.	3.7	176
7	Luminescence switch-on detection of protein tyrosine kinase-7 using a G-quadruplex-selective probe. <i>Chemical Science</i> , 2015, 6, 4284-4290.	3.7	165
8	Recent Developments in G-Quadruplex Probes. <i>Chemistry and Biology</i> , 2015, 22, 812-828.	6.2	162
9	Conjugating a groove-binding motif to an Ir(III) complex for the enhancement of G-quadruplex probe behavior. <i>Chemical Science</i> , 2016, 7, 2516-2523.	3.7	150
10	Label-free luminescence switch-on detection of hepatitis C virus NS3 helicase activity using a G-quadruplex-selective probe. <i>Chemical Science</i> , 2015, 6, 2166-2171.	3.7	142
11	Development of a Long-Lived Luminescence Probe for Visualizing $\beta$ -Galactosidase in Ovarian Carcinoma Cells. <i>Analytical Chemistry</i> , 2017, 89, 11679-11684.	3.2	140
12	Detection of nicking endonuclease activity using a G-quadruplex-selective luminescent switch-on probe. <i>Chemical Science</i> , 2014, 5, 4561-4568.	3.7	136
13	Molecular docking for virtual screening of natural product databases. <i>Chemical Science</i> , 2011, 2, 1656-1665.	3.7	131
14	Group 9 metal-based inhibitors of $\beta$ -amyloid (1-40) fibrillation as potential therapeutic agents for Alzheimer's disease. <i>Chemical Science</i> , 2011, 2, 917.	3.7	128
15	An iridium(III)-based irreversible protein-protein interaction inhibitor of BRD4 as a potent anticancer agent. <i>Chemical Science</i> , 2015, 6, 5400-5408.	3.7	125
16	Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13091-13095.	7.2	125
17	Metal complexes as potential modulators of inflammatory and autoimmune responses. <i>Chemical Science</i> , 2015, 6, 871-884.	3.7	118
18	Inhibition of the Ras/Raf interaction and repression of renal cancer xenografts in vivo by an enantiomeric iridium(III) metal-based compound. <i>Chemical Science</i> , 2017, 8, 4756-4763.	3.7	118

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19	Detection of base excision repair enzyme activity using a luminescent G-quadruplex selective switch-on probe. <i>Chemical Communications</i> , 2013, 49, 5630.	2.2	113
20	A long lifetime luminescent iridium(III) complex chemosensor for the selective switch-on detection of Al <sup>3+</sup> ions. <i>Chemical Communications</i> , 2016, 52, 3611-3614.	2.2	111
21	Dual function luminescent transition metal complexes for cancer theranostics: The combination of diagnosis and therapy. <i>Coordination Chemistry Reviews</i> , 2019, 381, 79-103.	9.5	111
22	Antagonizing STAT3 Dimerization with a Rhodium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9178-9182.	7.2	109
23	Cell imaging of dopamine receptor using agonist labeling iridium(III) complex. <i>Chemical Science</i> , 2018, 9, 1119-1125.	3.7	106
24	Development of an Iridium(III) Complex as a G-Quadruplex Probe and Its Application for the G-Quadruplex-Based Luminescent Detection of Picomolar Insulin. <i>Analytical Chemistry</i> , 2016, 88, 981-987.	3.2	105
25	A highly selective G-quadruplex-based luminescent switch-on probe for the detection of gene deletion. <i>Chemical Communications</i> , 2012, 48, 9462.	2.2	102
26	A MnO <sub>2</sub> nanosheet-assisted GSH detection platform using an iridium(III) complex as a switch-on luminescent probe. <i>Nanoscale</i> , 2017, 9, 4677-4682.	2.8	99
27	An oligonucleotide-based switch-on luminescent probe for the detection of kanamycin in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 487-492.	4.0	96
28	Pharmacological Inhibition of LSD1 for Cancer Treatment. <i>Molecules</i> , 2018, 23, 3194.	1.7	96
29	Luminescent detection of DNA-binding proteins. <i>Nucleic Acids Research</i> , 2012, 40, 941-955.	6.5	90
30	A small molecule HIF-1 $\alpha$ stabilizer that accelerates diabetic wound healing. <i>Nature Communications</i> , 2021, 12, 3363.	5.8	88
31	A long lifetime iridium(III) complex as a sensitive luminescent probe for bisulfite detection in living zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 971-976.	4.0	87
32	A highly selective, label-free, homogenous luminescent switch-on probe for the detection of nanomolar transcription factor NF- $\kappa$ B. <i>Nucleic Acids Research</i> , 2011, 39, e67-e67.	6.5	84
33	Label-free detection of sub-nanomolar lead(II) ions in aqueous solution using a metal-based luminescent switch-on probe. <i>Biosensors and Bioelectronics</i> , 2013, 41, 871-874.	5.3	84
34	Recent development of transition metal complexes with in vivo antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 276-286.	1.5	79
35	Ultrasensitive electrochemical detection of miRNA-21 by using an iridium(III) complex as catalyst. <i>Biosensors and Bioelectronics</i> , 2016, 86, 454-458.	5.3	76
36	A natural product-like inhibitor of NEDD8-activating enzyme. <i>Chemical Communications</i> , 2011, 47, 2511.	2.2	75

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37	An anti-prostate cancer benzofuran-conjugated iridium(III) complex as a dual inhibitor of STAT3 and NF- $\kappa$ B. <i>Cancer Letters</i> , 2017, 396, 76-84.	3.2	74
38	A Rhodium(III)-Based Inhibitor of Lysine-Specific Histone Demethylase 1 as an Epigenetic Modulator in Prostate Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2597-2603.	2.9	71
39	A Rhodium(III) Complex as an Inhibitor of Neural Precursor Cell Expressed, Developmentally Down-Regulated 8-Activating Enzyme with in Vivo Activity against Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 497-503.	2.9	66
40	Determination of cell metabolite VEGF165 and dynamic analysis of protein-DNA interactions by combination of microfluidic technique and luminescent switch-on probe. <i>Biosensors and Bioelectronics</i> , 2016, 79, 41-47.	5.3	65
41	An Iridium(III) Complex Inhibits JMJD2 Activities and Acts as a Potential Epigenetic Modulator. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6697-6703.	2.9	63
42	A long-lived peptide-conjugated iridium(III) complex as a luminescent probe and inhibitor of the cell migration mediator, formyl peptide receptor 2. <i>Chemical Science</i> , 2018, 9, 8171-8177.	3.7	63
43	A luminescence switch-on probe for terminal deoxynucleotidyl transferase (TdT) activity detection by using an iridium(III)-based i-motif probe. <i>Chemical Communications</i> , 2015, 51, 9953-9956.	2.2	62
44	2-Methoxy-6-acetyl-7-methyljuglone (MAM), a natural naphthoquinone, induces NO-dependent apoptosis and necroptosis by H <sub>2</sub> O <sub>2</sub> -dependent JNK activation in cancer cells. <i>Free Radical Biology and Medicine</i> , 2016, 92, 61-77.	1.3	61
45	The emerging role of KDM5A in human cancer. <i>Journal of Hematology and Oncology</i> , 2021, 14, 30.	6.9	59
46	Identification of an Iridium(III)-Based Inhibitor of Tumor Necrosis Factor- $\alpha$ . <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4026-4031.	2.9	56
47	Structure-Based Discovery of a Selective KDM5A Inhibitor that Exhibits Anti-Cancer Activity via Inducing Cell Cycle Arrest and Senescence in Breast Cancer Cell Lines. <i>Cancers</i> , 2019, 11, 92.	1.7	56
48	Label-Free Luminescent Switch-on Detection of Endonuclease IV Activity Using a G-Quadruplex-Selective Iridium(III) Complex. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 12249-12253.	4.0	55
49	The application of a G-quadruplex based assay with an iridium(III) complex to arsenic ion detection and its utilization in a microfluidic chip. <i>Journal of Materials Chemistry B</i> , 2017, 5, 479-484.	2.9	55
50	Identification of an iridium(III) complex with anti-bacterial and anti-cancer activity. <i>Scientific Reports</i> , 2015, 5, 14544.	1.6	52
51	Metal complexes for the detection of disease-related protein biomarkers. <i>Coordination Chemistry Reviews</i> , 2016, 324, 90-105.	9.5	52
52	Interaction of an Iridium(III) Complex with G-Quadruplex DNA and Its Application in Luminescent Switch-On Detection of Siglec-5. <i>Analytical Chemistry</i> , 2016, 88, 10290-10295.	3.2	51
53	The design and development of covalent protein-protein interaction inhibitors for cancer treatment. <i>Journal of Hematology and Oncology</i> , 2020, 13, 26.	6.9	50
54	Luminescence switch-on assay of interferon-gamma using a G-quadruplex-selective iridium(III) complex. <i>Chemical Communications</i> , 2015, 51, 16033-16036.	2.2	49

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55	A suspending-droplet mode paper-based microfluidic platform for low-cost, rapid, and convenient detection of lead(II) ions in liquid solution. <i>Biosensors and Bioelectronics</i> , 2018, 99, 361-367.	5.3	49
56	Identification of a rhodium( <sup>III</sup> ) complex as a Wee1 inhibitor against TP53-mutated triple-negative breast cancer cells. <i>Chemical Communications</i> , 2018, 54, 2463-2466.	2.2	48
57	Cucurbitacin E induces caspase-dependent apoptosis and protective autophagy mediated by ROS in lung cancer cells. <i>Chemico-Biological Interactions</i> , 2016, 253, 1-9.	1.7	47
58	Luminescent iridium(III) complexes as COX-2-specific imaging agents in cancer cells. <i>Chemical Communications</i> , 2017, 53, 2822-2825.	2.2	47
59	Structure-based identification of a NEDD8-activating enzyme inhibitor via drug repurposing. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1021-1027.	2.6	46
60	Label-Free Luminescent Switch-On Probe for Ochratoxin A Detection Using a G-Quadruplex-Selective Iridium(III) Complex. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 8313-8318.	4.0	44
61	Structure-Based Repurposing of FDA-Approved Drugs as TNF Inhibitors. <i>ChemMedChem</i> , 2011, 6, 765-768.	1.6	43
62	Virtual screening and optimization of Type II inhibitors of JAK2 from a natural product library. <i>Chemical Communications</i> , 2014, 50, 13885-13888.	2.2	43
63	Total Tanshinones-Induced Apoptosis and Autophagy via Reactive Oxygen Species in Lung Cancer 95D Cells. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1265-1279.	1.5	42
64	Discovery of a VHL and HIF1 interaction inhibitor with in vivo angiogenic activity via structure-based virtual screening. <i>Chemical Communications</i> , 2016, 52, 12837-12840.	2.2	42
65	Iridium(III) complexes with 1,10-phenanthroline-based N <sup>N</sup> ligands as highly selective luminescent G-quadruplex probes and application for switch-on ribonuclease H detection. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6791-6796.	2.9	42
66	Recent advances in iridium(III) complex-assisted nanomaterials for biological applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 537-544.	2.9	42
67	A long-lived phosphorescence iridium(III) complex as a switch on-off-on probe for live zebrafish monitoring of endogenous sulfide generation. <i>Biosensors and Bioelectronics</i> , 2017, 94, 575-583.	5.3	40
68	A long-lived luminogenic iridium(III) complex for acetylacetone detection in environmental samples. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128486.	4.0	40
69	A Luminescent Cocaine Detection Platform Using a Split G-Quadruplex-Selective Iridium(III) Complex and a Three-Way DNA Junction Architecture. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19060-19067.	4.0	39
70	A versatile nanomachine for the sensitive detection of platelet-derived growth factor-BB utilizing a G-quadruplex-selective iridium(III) complex. <i>Biosensors and Bioelectronics</i> , 2016, 85, 300-309.	5.3	39
71	Peptide-Conjugated Long-Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17897-17902.	7.2	38
72	Metal complexes as inhibitors of transcription factor activity. <i>Coordination Chemistry Reviews</i> , 2013, 257, 3139-3151.	9.5	37

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73	A dual-functional molecular strategy for <i>in situ</i> suppressing and visualizing of neuraminidase in aqueous solution using iridium(III) complexes. <i>Chemical Communications</i> , 2019, 55, 6353-6356.	2.2	36
74	Inhibition of Beta-Amyloid Fibrillation by Luminescent Iridium(III) Complex Probes. <i>Scientific Reports</i> , 2015, 5, 14619.	1.6	35
75	A G-quadruplex-selective luminescent probe with an anchor tail for the switch-on detection of thymine DNA glycosylase activity. <i>Biosensors and Bioelectronics</i> , 2016, 86, 849-857.	5.3	35
76	Utilization of G-Quadruplex-Forming Aptamers for the Construction of Luminescence Sensing Platforms. <i>ChemPlusChem</i> , 2017, 82, 8-17.	1.3	35
77	Small Molecule Pin1 Inhibitor Blocking NF- $\kappa$ B Signaling in Prostate Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2018, 13, 275-279.	1.7	34
78	UGT73F17, a new glycosyltransferase from <i>Glycyrrhiza uralensis</i> , catalyzes the regiospecific glycosylation of pentacyclic triterpenoids. <i>Chemical Communications</i> , 2018, 54, 8594-8597.	2.2	34
79	An iridium(III) complex-based chemosensor for the detection of thiourea in living cells. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 374-379.	4.0	33
80	Inhibition of Janus kinase 2 by cyclometalated rhodium complexes. <i>MedChemComm</i> , 2012, 3, 696.	3.5	32
81	Discovery of a Natural Product-Like iNOS Inhibitor by Molecular Docking with Potential Neuroprotective Effects In Vivo. <i>PLoS ONE</i> , 2014, 9, e92905.	1.1	32
82	First Synthesis of an Oridonin-Conjugated Iridium(III) Complex for the Intracellular Tracking of NF- $\kappa$ B in Living Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 4929-4935.	1.7	32
83	Silencing Stem Cell Factor Gene in Fibroblasts to Regulate Paracrine Factor Productions and Enhance c-Kit Expression in Melanocytes on Melanogenesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1475.	1.8	32
84	Inhibition of the CDK9-cyclin T1 protein-protein interaction as a new approach against triple-negative breast cancer. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1390-1405.	5.7	32
85	Structure-based screening and optimization of cytosine derivatives as inhibitors of the menin-MLL interaction. <i>Chemical Communications</i> , 2016, 52, 5788-5791.	2.2	31
86	A natural product-like JAK2/STAT3 inhibitor induces apoptosis of malignant melanoma cells. <i>PLoS ONE</i> , 2017, 12, e0177123.	1.1	31
87	A luminescent G-quadruplex-selective iridium(III) complex for the label-free detection of lysozyme. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2407-2411.	2.9	29
88	Construction of a Nano Biosensor for Cyanide Anion Detection and Its Application in Environmental and Biological Systems. <i>ACS Sensors</i> , 2017, 2, 1517-1522.	4.0	29
89	PTEN Activation by DNA Damage Induces Protective Autophagy in Response to Cucurbitacin B in Hepatocellular Carcinoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	1.9	28
90	Luminescent Iridium(III) Chemosensor for Tandem Detection of F <sup>2+</sup> and Al <sup>3+</sup> . <i>ACS Omega</i> , 2017, 2, 9150-9155.	1.6	28

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91	Development of Natural Product-Conjugated Metal Complexes as Cancer Therapies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 341.	1.8	28
92	Transition metal complexes as imaging or therapeutic agents for neurodegenerative diseases. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4715-4725.	2.9	28
93	Biofunctional Activities of <i>Equisetum ramosissimum</i> Extract: Protective Effects against Oxidation, Melanoma, and Melanogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	27
94	The Development of G-quadruplex-Based Assays for the Detection of Small Molecules and Toxic Substances. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1851-1860.	1.7	27
95	Iridium(III)-based chemosensors for the detection of metal ions. <i>Methods</i> , 2019, 168, 3-17.	1.9	27
96	G-quadruplex-based detection of glyphosate in complex biological systems by a time-resolved luminescent assay. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128393.	4.0	27
97	Antagonism of mTOR Activity by a Kinetically Inert Rhodium(III) Complex. <i>ChemPlusChem</i> , 2014, 79, 508-511.	1.3	26
98	A metal-based tumour necrosis factor-alpha converting enzyme inhibitor. <i>Chemical Communications</i> , 2015, 51, 3973-3976.	2.2	26
99	Anticancer osmium complex inhibitors of the HIF-1 $\alpha$ and p300 protein-protein interaction. <i>Scientific Reports</i> , 2017, 7, 42860.	1.6	25
100	A reaction-based luminescent switch-on sensor for the detection of OH <sup>-</sup> ions in simulated wastewater. <i>Dalton Transactions</i> , 2017, 46, 6677-6682.	1.6	25
101	An Ir(III) complex chemosensor for the detection of thiols. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 109-114.	2.8	24
102	A 7-methoxybicoumarin derivative selectively inhibits BRD4 BD2 for anti-melanoma therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3204-3220.	3.6	24
103	Application of metal-organic framework for the adsorption and detection of food contamination. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116384.	5.8	24
104	Long-lived iridium(III) complexes as luminescent probes for the detection of periodate in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 392-398.	4.0	23
105	Mimicking Strategy for Protein-Protein Interaction Inhibitor Discovery by Virtual Screening. <i>Molecules</i> , 2019, 24, 4428.	1.7	23
106	A robust photoluminescence screening assay identifies uracil-DNA glycosylase inhibitors against prostate cancer. <i>Chemical Science</i> , 2020, 11, 1750-1760.	3.7	23
107	Inhibition of the p53/hDM2 protein-protein interaction by cyclometallated iridium(III) compounds. <i>Oncotarget</i> , 2016, 7, 13965-13975.	0.8	23
108	A label-free G-quadruplex-based mercury detection assay employing the exonuclease III-mediated cleavage of T-Hg <sup>2+</sup> -T mismatched DNA. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 065004.	2.8	22



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109	An Aldol Reaction-Based Iridium(III) Chemosensor for the Visualization of Proline in Living Cells. <i>Scientific Reports</i> , 2016, 6, 36509.	1.6	22
110	Turn-on Luminescent Probe for Hydrogen Peroxide Sensing and Imaging in Living Cells based on an Iridium(III) Complex@Silver Nanoparticle Platform. <i>Scientific Reports</i> , 2017, 7, 8980.	1.6	22
111	Iridium(III) complexes as reaction based chemosensors for medical diagnostics. <i>Dalton Transactions</i> , 2018, 47, 15278-15282.	1.6	22
112	Pharmacological inhibition of KDM5A for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113855.	2.6	22
113	Label-free luminescent detection of LMP1 gene deletion using an intermolecular G-quadruplex-based switch-on probe. <i>Biosensors and Bioelectronics</i> , 2015, 70, 338-344.	5.3	21
114	A rhodium(III)-based inhibitor of autotaxin with antiproliferative activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 256-263.	1.1	21
115	A tumour microenvironment-responsive polymeric complex for targeted depletion of tumour-associated macrophages (TAMs). <i>Journal of Materials Chemistry B</i> , 2017, 5, 7307-7318.	2.9	21
116	A long-lifetime iridium(III) complex for lysosome tracking with high specificity and a large Stokes shift. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3855-3858.	2.9	21
117	An optimized BRD4 inhibitor effectively eliminates NF- $\kappa$ B-driven triple-negative breast cancer cells. <i>Bioorganic Chemistry</i> , 2021, 114, 105158.	2.0	21
118	A novel dinuclear iridium(III) complex as a G-quadruplex-selective probe for the luminescent switch-on detection of transcription factor HIF-1 $\alpha$ . <i>Scientific Reports</i> , 2016, 6, 22458.	1.6	20
119	A long-lived iridium(III) chemosensor for the real-time detection of GHB. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2739-2742.	2.9	20
120	Metalated Chromene and Chromone Complexes: pH Switchable Metal@Carbon Bonding Interaction, Photo-triggerable Chromone Delivery Application, and Antioxidative Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 1779-1783.	1.7	20
121	Selective Inhibition of Lysine-specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy. <i>Angewandte Chemie</i> , 2018, 130, 13275-13279.	1.6	19
122	Aurone derivatives as Vps34 inhibitors that modulate autophagy. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 537-544.	5.7	18
123	Discovery of a tetrahydroisoquinoline-based CDK9-cyclin T1 protein-protein interaction inhibitor as an anti-proliferative and anti-migration agent against triple-negative breast cancer cells. <i>Genes and Diseases</i> , 2022, 9, 1674-1688.	1.5	18
124	A bioactive ligand-conjugated iridium(III) metal-based complex as a Keap1@Nrf2 protein-protein interaction inhibitor against acetaminophen-induced acute liver injury. <i>Redox Biology</i> , 2021, 48, 102129.	3.9	18
125	Epigenetic modulation by inorganic metal complexes. <i>Coordination Chemistry Reviews</i> , 2016, 319, 25-34.	9.5	17
126	Purified Astaxanthin from <i>Haematococcus pluvialis</i> Promotes Tissue Regeneration by Reducing Oxidative Stress and the Secretion of Collagen <i>In Vitro</i> and <i>In Vivo</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	17



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127	$\beta$ -Mangostin remodels visceral adipose tissue inflammation to ameliorate age-related metabolic disorders in mice. <i>Aging</i> , 2019, 11, 11084-11110.	1.4	17
128	Antagonizing STAT5B dimerization with an osmium complex. <i>Scientific Reports</i> , 2016, 6, 36044.	1.6	16
129	A long-lived ferrocene-conjugated iridium(III) complex for sensitive turn-on luminescence detection of traces of DMSO in water and human serum. <i>Analytica Chimica Acta</i> , 2017, 984, 193-201.	2.6	16
130	Structure-guided discovery of a luminescent theranostic toolkit for living cancer cells and the imaging behavior effect. <i>Chemical Science</i> , 2020, 11, 11404-11412.	3.7	16
131	Drug screening strategies using metal-based luminescent probes. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 139, 116270.	5.8	16
132	Iridium-based probe for luminescent nitric oxide monitoring in live cells. <i>Scientific Reports</i> , 2018, 8, 12467.	1.6	15
133	A rapid and label-free DNA-based interference reduction nucleic acid amplification strategy for viral RNA detection. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113829.	5.3	15
134	Interference Reduction Biosensing Strategy for Highly Sensitive microRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 4513-4521.	3.2	15
135	A luminescence switch-on assay for the detection of specific gene deletion using G-quadruplex DNA and silver nanoclusters. <i>Materials Chemistry Frontiers</i> , 2017, 1, 128-131.	3.2	14
136	An iridium(III) complex/G-quadruplex ensemble for detection of ochratoxin A based on long-lifetime luminescent. <i>Analytical Biochemistry</i> , 2019, 580, 49-55.	1.1	14
137	Recent progress and developments of iridium-based compounds as probes for environmental analytes. <i>Dalton Transactions</i> , 2018, 47, 13314-13317.	1.6	13
138	Antcamphorols A-K, Cytotoxic and ROS Scavenging Triterpenoids from <i>Antrodia camphorata</i> . <i>Journal of Natural Products</i> , 2020, 83, 45-54.	1.5	13
139	Aliphatic Group-Tethered Iridium Complex as a Theranostic Agent against Malignant Melanoma Metastasis. <i>ACS Applied Bio Materials</i> , 2020, 3, 2017-2027.	2.3	13
140	Chemoselective detection of alkyl halides via an iridium(III) luminescent probe. <i>Dyes and Pigments</i> , 2018, 159, 479-482.	2.0	12
141	A review on the emerging roles of pyruvate kinase M2 in anti-leukemia therapy. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1499-1506.	3.6	12
142	Current Advancements in $\text{A}\beta^2$ Luminescent Probes and Inhibitors of $\text{A}\beta^2$ Aggregation. <i>Current Alzheimer Research</i> , 2012, 9, 830-843.	0.7	11
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