

Tian-Shu Kang

List of Publications by Year in descending order

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173
papers

7,548
citations

46918

47
h-index

74018

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179
all docs

179
docs citations

179
times ranked

9413
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of <i>Cinnamomum osmophloeum</i> Kanehira Extracts on Tyrosinase Suppressor, Wound Repair Promoter, and Antioxidant. <i>Scientific World Journal</i> , The, 2015, 2015, 1-7.	0.8	304
2	Luminescent chemosensors by using cyclometalated iridium(III) complexes and their applications. <i>Chemical Science</i> , 2017, 8, 878-889.	3.7	176
3	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
4	Recent Developments in G-Quadruplex Probes. <i>Chemistry and Biology</i> , 2015, 22, 812-828.	6.2	162
5	A Metal-Based Inhibitor of Tumor Necrosis Factor- α . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9010-9014.	7.2	158
6	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
7	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
8	Development of a Long-Lived Luminescence Probe for Visualizing β -Galactosidase in Ovarian Carcinoma Cells. <i>Analytical Chemistry</i> , 2017, 89, 11679-11684.	3.2	140
9	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
10	TLR-4 may mediate signaling pathways of <i>Astragalus</i> polysaccharide RAP induced cytokine expression of RAW264.7 cells. <i>Journal of Ethnopharmacology</i> , 2016, 179, 243-252.	2.0	126
11	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
12	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
13	Metal complexes as potential modulators of inflammatory and autoimmune responses. <i>Chemical Science</i> , 2015, 6, 871-884.	3.7	118
14	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
15	Simple DNA-based logic gates responding to biomolecules and metal ions. <i>Chemical Science</i> , 2013, 4, 3366.	3.7	114
16	A long lifetime luminescent iridium(III) complex chemosensor for the selective switch-on detection of Al ³⁺ ions. <i>Chemical Communications</i> , 2016, 52, 3611-3614.	2.2	111
17	Antagonizing STAT3 Dimerization with a Rhodium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9178-9182.	7.2	109
18	Cell imaging of dopamine receptor using agonist labeling iridium(III) complex. <i>Chemical Science</i> , 2018, 9, 1119-1125.	3.7	106

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19	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
20	A MnO ₂ 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
21	Pharmacological Inhibition of LSD1 for Cancer Treatment. <i>Molecules</i> , 2018, 23, 3194.	1.7	96
22	Luminescent detection of DNA-binding proteins. <i>Nucleic Acids Research</i> , 2012, 40, 941-955.	6.5	90
23	A small molecule HIF-1 α stabilizer that accelerates diabetic wound healing. <i>Nature Communications</i> , 2021, 12, 3363.	5.8	88
24	Recent development of transition metal complexes with in vivo antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 276-286.	1.5	79
25	A long lifetime switch-on iridium(III) chemosensor for the visualization of cysteine in live zebrafish. <i>Chemical Communications</i> , 2016, 52, 4450-4453.	2.2	77
26	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
27	An anti-prostate cancer benzofuran-conjugated iridium(III) complex as a dual inhibitor of STAT3 and NF- κ B. <i>Cancer Letters</i> , 2017, 396, 76-84.	3.2	74
28	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
29	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
30	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
31	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
32	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
33	2-Methoxy-6-acetyl-7-methyljuglone (MAM), a natural naphthoquinone, induces NO-dependent apoptosis and necroptosis by H ₂ O ₂ -dependent JNK activation in cancer cells. <i>Free Radical Biology and Medicine</i> , 2016, 92, 61-77.	1.3	61
34	Development of an Aptamer-Based Sensing Platform for Metal Ions, Proteins, and Small Molecules through Terminal Deoxynucleotidyl Transferase Induced G-Quadruplex Formation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24046-24052.	4.0	60
35	Iridium(III) Complexes Targeting Apoptotic Cell Death in Cancer Cells. <i>Molecules</i> , 2019, 24, 2739.	1.7	59
36	The emerging role of KDM5A in human cancer. <i>Journal of Hematology and Oncology</i> , 2021, 14, 30.	6.9	59

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37	Platycodin D induces apoptosis and triggers ERK- and JNK-mediated autophagy in human hepatocellular carcinoma BEL-7402 cells. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 1503-1513.	2.8	57
38	Identification of an Iridium(III)-Based Inhibitor of Tumor Necrosis Factor- α . <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4026-4031.	2.9	56
39	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
40	DNA-Binding Small Molecules as Inhibitors of Transcription Factors. <i>Medicinal Research Reviews</i> , 2013, 33, 823-846.	5.0	52
41	Identification of an iridium(III) complex with anti-bacterial and anti-cancer activity. <i>Scientific Reports</i> , 2015, 5, 14544.	1.6	52
42	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
43	Luminescent oligonucleotide-based detection of enzymes involved with DNA repair. <i>Chemical Science</i> , 2013, 4, 3781.	3.7	50
44	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
45	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
46	A colorimetric chemosensor for Cu ²⁺ ion detection based on an iridium(III) complex. <i>Scientific Reports</i> , 2014, 4, 6794.	1.6	49
47	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
48	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
49	Luminescent iridium(III) complexes as COX-2-specific imaging agents in cancer cells. <i>Chemical Communications</i> , 2017, 53, 2822-2825.	2.2	47
50	Anti-Fatigue Effects of the Unique Polysaccharide Marker of <i>Dendrobium officinale</i> on BALB/c Mice. <i>Molecules</i> , 2017, 22, 155.	1.7	47
51	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
52	Label-Free Luminescent Switch-On Probe for Ochratoxin A Detection Using a G-Quadruplex-Selective Iridium(III) Complex. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8313-8318.	4.0	44
53	Psoralidin induced reactive oxygen species (ROS)-dependent DNA damage and protective autophagy mediated by NOX4 in breast cancer cells. <i>Phytomedicine</i> , 2016, 23, 939-947.	2.3	44
54	Glycyrrhetic acid induces cytoprotective autophagy via the inositol-requiring enzyme 1-c-Jun N-terminal kinase cascade in non-small cell lung cancer cells. <i>Oncotarget</i> , 2015, 6, 43911-43926.	0.8	43

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55	A highly selective G-quadruplex-based luminescent switch-on probe for the detection of nanomolar strontium(ii) ions in sea water. <i>RSC Advances</i> , 2012, 2, 8273.	1.7	42
56	Total Tanshinones-Induced Apoptosis and Autophagy <i>via</i> Reactive Oxygen Species in Lung Cancer 95D Cells. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1265-1279.	1.5	42
57	Discovery of a VHL and HIF1 α interaction inhibitor with in vivo angiogenic activity via structure-based virtual screening. <i>Chemical Communications</i> , 2016, 52, 12837-12840.	2.2	42
58	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
59	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 & Interfaces</i> , 2015, 7, 19060-19067.	4.0	39
60	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
61	Emerging Screening Approaches in the Development of Nrf2-Keap1 Protein-Protein Interaction Inhibitors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4445.	1.8	39
62	Autophagic degradation of epidermal growth factor receptor in gefitinib-resistant lung cancer by celastrol. <i>International Journal of Oncology</i> , 2016, 49, 1576-1588.	1.4	38
63	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
64	An Individual Nanocube-Based Plasmonic Biosensor for Real-Time Monitoring the Structural Switch of the Telomeric G-Quadruplex. <i>Small</i> , 2016, 12, 2913-2920.	5.2	37
65	Inhibition of Beta-Amyloid Fibrillation by Luminescent Iridium(III) Complex Probes. <i>Scientific Reports</i> , 2015, 5, 14619.	1.6	35
66	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
67	Utilization of G-Quadruplex-Forming Aptamers for the Construction of Luminescence Sensing Platforms. <i>ChemPlusChem</i> , 2017, 82, 8-17.	1.3	35
68	Gold-Catalyzed Cycloisomerization and Diels-Alder Reaction of 1,4,9-Dienyne Esters to 3a,6a-Methanoisoindole Esters with Pro-Inflammatory Cytokine Antagonist Activity. <i>Chemistry - A European Journal</i> , 2015, 21, 9111-9118.	1.7	34
69	Isocryptotanshinone, a STAT3 inhibitor, induces apoptosis and pro-death autophagy in A549 lung cancer cells. <i>Journal of Drug Targeting</i> , 2016, 24, 934-942.	2.1	34
70	Small Molecule Pin1 Inhibitor Blocking NF- κ B Signaling in Prostate Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2018, 13, 275-279.	1.7	34
71	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
72	Inhibition of Janus kinase 2 by cyclometalated rhodium complexes. <i>MedChemComm</i> , 2012, 3, 696.	3.5	32

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73	A G-quadruplex-selective luminescent switch-on probe for the detection of sub-nanomolar human neutrophil elastase. <i>RSC Advances</i> , 2013, 3, 1656-1659.	1.7	32
74	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
75	Baicalein Induces Beclin 1- and Extracellular Signal-Regulated Kinase-Dependent Autophagy in Ovarian Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 123-136.	1.5	32
76	First Synthesis of an Oridonin- $\text{Conjugated Iridium(III)}$ Complex for the Intracellular Tracking of NF κ B in Living Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 4929-4935.	1.7	32
77	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
78	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
79	A natural product-like JAK2/STAT3 inhibitor induces apoptosis of malignant melanoma cells. <i>PLoS ONE</i> , 2017, 12, e0177123.	1.1	31
80	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
81	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
82	Luminescent Iridium(III) Chemosensor for Tandem Detection of F ⁺ and Al ³⁺ . <i>ACS Omega</i> , 2017, 2, 9150-9155.	1.6	28
83	Development of Natural Product-Conjugated Metal Complexes as Cancer Therapies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 341.	1.8	28
84	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
85	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
86	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
87	Iridium(III)-based chemosensors for the detection of metal ions. <i>Methods</i> , 2019, 168, 3-17.	1.9	27
88	A Colorimetric and Luminescent Dual-Modal Assay for Cu(II) Ion Detection Using an Iridium(III) Complex. <i>PLoS ONE</i> , 2014, 9, e99930.	1.1	26
89	Antagonism of mTOR Activity by a Kinetically Inert Rhodium(III) Complex. <i>ChemPlusChem</i> , 2014, 79, 508-511.	1.3	26
90	A metal-based tumour necrosis factor-alpha converting enzyme inhibitor. <i>Chemical Communications</i> , 2015, 51, 3973-3976.	2.2	26

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91	Aberrant JAK/STAT Signaling Suppresses TFF1 and TFF2 through Epigenetic Silencing of GATA6 in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1467.	1.8	26
92	Chemical Structure and Immunomodulating Activities of an Î±-Glucan Purified from <i>Lobelia chinensis</i> Lour. <i>Molecules</i> , 2016, 21, 779.	1.7	26
93	A one-step strategy for ultra-fast and low-cost mass production of plastic membrane microfluidic chips. <i>Lab on A Chip</i> , 2016, 16, 3909-3918.	3.1	25
94	Application of iridium(III) complex in label-free and non-enzymatic electrochemical detection of hydrogen peroxide based on a novel "on-off-on" switch platform. <i>Scientific Reports</i> , 2016, 6, 25774.	1.6	25
95	Anticancer osmium complex inhibitors of the HIF-1Î± and p300 protein-protein interaction. <i>Scientific Reports</i> , 2017, 7, 42860.	1.6	25
96	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
97	A 7-methoxybicycoumarin derivative selectively inhibits BRD4 BD2 for anti-melanoma therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3204-3220.	3.6	24
98	Rebalancing metal dyshomeostasis for Alzheimer's disease therapy. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 1159-1170.	1.1	23
99	Mimicking Strategy for Protein-Protein Interaction Inhibitor Discovery by Virtual Screening. <i>Molecules</i> , 2019, 24, 4428.	1.7	23
100	Astragalus Polysaccharide RAP Selectively Attenuates Paclitaxel-Induced Cytotoxicity Toward RAW 264.7 Cells by Reversing Cell Cycle Arrest and Apoptosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1580.	1.6	23
101	A robust photoluminescence screening assay identifies uracil-DNA glycosylase inhibitors against prostate cancer. <i>Chemical Science</i> , 2020, 11, 1750-1760.	3.7	23
102	Inhibition of the p53/hDM2 protein-protein interaction by cyclometallated iridium(III) compounds. <i>Oncotarget</i> , 2016, 7, 13965-13975.	0.8	23
103	A label-free G-quadruplex-based mercury detection assay employing the exonuclease III-mediated cleavage of T-Hg ²⁺ -T mismatched DNA. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 065004.	2.8	22
104	Luminescent Ruthenium(II) Complex Bearing Bipyridine and N-Heterocyclic Carbene-based CâˆNâˆSC Pincer Ligand for Live-Cell Imaging of Endocytosis. <i>Scientific Reports</i> , 2015, 5, 9070.	1.6	22
105	Discovery of a small-molecule inhibitor of STAT3 by ligand-based pharmacophore screening. <i>Methods</i> , 2015, 71, 38-43.	1.9	22
106	Comprehensive quantitative analysis of Shuang-Huang-Lian oral liquid using UHPLC-Q-TOF-MS and HPLC-ELSD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 1-8.	1.4	22
107	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
108	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

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109	Silver nanoclusters functionalized with Ce(III) ions are a viable "turn-on-off" fluorescent probe for sulfide. <i>Mikrochimica Acta</i> , 2019, 186, 16.	2.5	22
110	Pharmacological inhibition of KDM5A for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113855.	2.6	22
111	A Ruthenium(II) Complex Supported by Trithiacyclononane and Aromatic Diimine Ligand as Luminescent Switch-On Probe for Biomolecule Detection and Protein Staining. <i>Scientific Reports</i> , 2014, 4, 7136.	1.6	21
112	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
113	A tutorial review for employing enzymes for the construction of G-quadruplex-based sensing platforms. <i>Analytica Chimica Acta</i> , 2016, 913, 41-54.	2.6	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	Luminescent turn-on detection of Hg(II) via the quenching of an iridium(III) complex by Hg(II)-mediated silver nanoparticles. <i>Scientific Reports</i> , 2017, 7, 3620.	1.6	21
116	Oligosaccharide-marker approach for qualitative and quantitative analysis of specific polysaccharide in herb formula by ultra-high-performance liquid chromatography-quadrupole-time-of-flight mass spectrometry: <i>Dendrobium officinale</i> , a case study. <i>Journal of Chromatography A</i> , 2019, 1607, 460388.	1.8	21
117	An optimized BRD4 inhibitor effectively eliminates NF- κ B-driven triple-negative breast cancer cells. <i>Bioorganic Chemistry</i> , 2021, 114, 105158.	2.0	21
118	Hit identification of IKK β natural product inhibitor. <i>BMC Pharmacology & Toxicology</i> , 2013, 14, 3.	1.0	20
119	Structure-based repurposing of FDA-approved drugs as inhibitors of NEDD8-activating enzyme. <i>Biochimie</i> , 2014, 102, 211-215.	1.3	20
120	A novel dinuclear iridium(III) complex as a G-quadruplex-selective probe for the luminescent switch-on detection of transcription factor HIF-1 α . <i>Scientific Reports</i> , 2016, 6, 22458.	1.6	20
121	Development of a luminescent G-quadruplex-selective iridium(III) complex for the label-free detection of adenosine. <i>Scientific Reports</i> , 2016, 6, 19368.	1.6	20
122	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
123	Silver Triflate Catalyzed Cyclopropyl Carbinol Rearrangement for Benzo[<i>b</i>]oxepine and 2-Hydroxychromene Synthesis. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4447-4456.	1.2	19
124	A rhodium(III) complex inhibits LPS-induced nitric oxide production and angiogenic activity in cellulose. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 23-28.	1.5	18
125	Aurone derivatives as Vps34 inhibitors that modulate autophagy. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 537-544.	5.7	18
126	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

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127	Discovery of deoxyvasicinone derivatives as inhibitors of NEDD8-activating enzyme. <i>Methods</i> , 2015, 71, 71-76.	1.9	17
128	A cyclometalated iridium(III) complex used as a conductor for the electrochemical sensing of IFN- β . <i>Scientific Reports</i> , 2017, 7, 42740.	1.6	17
129	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
130	β -Mangostin remodels visceral adipose tissue inflammation to ameliorate age-related metabolic disorders in mice. <i>Aging</i> , 2019, 11, 11084-11110.	1.4	17
131	Antagonizing STAT5B dimerization with an osmium complex. <i>Scientific Reports</i> , 2016, 6, 36044.	1.6	16
132	A G-pentaplex-based assay for Cs ⁺ ions in aqueous solution using a luminescent Ir(III) complex. <i>Biosensors and Bioelectronics</i> , 2016, 77, 609-612.	5.3	16
133	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
134	Cell-derived artificial nanovesicle as a drug delivery system for malignant melanoma treatment. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112586.	2.5	16
135	Discovery of a novel ROCK2 inhibitor with anti-migration effects via docking and high-content drug screening. <i>Molecular BioSystems</i> , 2016, 12, 2713-2721.	2.9	15
136	Iridium-based probe for luminescent nitric oxide monitoring in live cells. <i>Scientific Reports</i> , 2018, 8, 12467.	1.6	15
137	An oligosaccharide-marker approach to quantify specific polysaccharides in herbal formula by LC-qTOF-MS: Danggui Buxue Tang, a case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113235.	1.4	15
138	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
139	Interference Reduction Biosensing Strategy for Highly Sensitive microRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 4513-4521.	3.2	15
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