

Dik-Lung

List of Publications by Year in descending order

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86
papers

5,314
citations

81900

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times ranked

6426
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive Luminescent Transition-Metal Complexes for Biomedical Applications. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7666-7682.	13.8	339
2	Recent advances in luminescent heavy metal complexes for sensing. <i>Coordination Chemistry Reviews</i> , 2012, 256, 3087-3113.	18.8	273
3	Bioactive iridium and rhodium complexes as therapeutic agents. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1764-1776.	18.8	265
4	Label-free luminescent oligonucleotide-based probes. <i>Chemical Society Reviews</i> , 2013, 42, 3427.	38.1	214
5	Drug repositioning by structure-based virtual screening. <i>Chemical Society Reviews</i> , 2013, 42, 2130.	38.1	187
6	Luminescent chemosensors by using cyclometalated iridium(III) complexes and their applications. <i>Chemical Science</i> , 2017, 8, 878-889.	7.4	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.	7.4	165
8	A Metal-Based Inhibitor of Tumor Necrosis Factor- α . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9010-9014.	13.8	158
9	G-quadruplexes for luminescent sensing and logic gates. <i>Nucleic Acids Research</i> , 2013, 41, 4345-4359.	14.5	150
10	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.	7.4	150
11	Development of a Long-Lived Luminescence Probe for Visualizing β -Galactosidase in Ovarian Carcinoma Cells. <i>Analytical Chemistry</i> , 2017, 89, 11679-11684.	6.5	140
12	Molecular docking for virtual screening of natural product databases. <i>Chemical Science</i> , 2011, 2, 1656-1665.	7.4	131
13	Group 9 metal-based inhibitors of β -amyloid (1-40) fibrillation as potential therapeutic agents for Alzheimer's disease. <i>Chemical Science</i> , 2011, 2, 917.	7.4	128
14	An iridium(III)-based irreversible protein-protein interaction inhibitor of BRD4 as a potent anticancer agent. <i>Chemical Science</i> , 2015, 6, 5400-5408.	7.4	125
15	Simple DNA-based logic gates responding to biomolecules and metal ions. <i>Chemical Science</i> , 2013, 4, 3366.	7.4	114
16	Antagonizing STAT3 Dimerization with a Rhodium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9178-9182.	13.8	109
17	Cell imaging of dopamine receptor using agonist labeling iridium(III) complex. <i>Chemical Science</i> , 2018, 9, 1119-1125.	7.4	106
18	Destiny of <i>Dendrobium officinale</i> Polysaccharide after Oral Administration: Indigestible and Nonabsorbing, Ends in Modulating Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5968-5977.	5.2	99

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19	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.	7.8	96
20	Luminescent detection of DNA-binding proteins. <i>Nucleic Acids Research</i> , 2012, 40, 941-955.	14.5	90
21	Structure-based optimization of FDA-approved drug methylene blue as a c-myc G-quadruplex DNA stabilizer. <i>Biochimie</i> , 2011, 93, 1055-1064.	2.6	88
22	A highly selective, label-free, homogenous luminescent switch-on probe for the detection of nanomolar transcription factor NF- κ B. <i>Nucleic Acids Research</i> , 2011, 39, e67-e67.	14.5	84
23	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.	10.1	84
24	Crystal violet as a fluorescent switch-on probe for i-motif: label-free DNA-based logic gate. <i>Analyst</i> , 2011, 136, 2692.	3.5	78
25	A label-free G-quadruplex-based switch-on fluorescence assay for the selective detection of ATP. <i>Analyst</i> , 2012, 137, 1538.	3.5	73
26	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.	6.4	71
27	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.	6.4	66
28	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.	7.4	63
29	Iridium(III) Complexes Targeting Apoptotic Cell Death in Cancer Cells. <i>Molecules</i> , 2019, 24, 2739.	3.8	59
30	Discovery of a natural product inhibitor targeting protein neddylation by structure-based virtual screening. <i>Biochimie</i> , 2012, 94, 2457-2460.	2.6	55
31	Label-Free Luminescent Switch-on Detection of Endonuclease IV Activity Using a G-Quadruplex-Selective Iridium(III) Complex. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12249-12253.	8.0	55
32	DNA-Binding Small Molecules as Inhibitors of Transcription Factors. <i>Medicinal Research Reviews</i> , 2013, 33, 823-846.	10.5	52
33	Luminescent oligonucleotide-based detection of enzymes involved with DNA repair. <i>Chemical Science</i> , 2013, 4, 3781.	7.4	50
34	Identification of a rhodium(III) complex as a Wee1 inhibitor against TP53-mutated triple-negative breast cancer cells. <i>Chemical Communications</i> , 2018, 54, 2463-2466.	4.1	48
35	Molecular modeling of drug-DNA interactions: Virtual screening to structure-based design. <i>Biochimie</i> , 2011, 93, 1252-1266.	2.6	47
36	Structure-Based Repurposing of FDA-Approved Drugs as TNF Inhibitors. <i>ChemMedChem</i> , 2011, 6, 765-768.	3.2	43

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37	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.	3.6	42
38	Recent advances in iridium(ⁱⁱⁱ) complex-assisted nanomaterials for biological applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 537-544.	5.8	42
39	Luminescent G-quadruplex Probes. <i>Current Pharmaceutical Design</i> , 2012, 18, 2058-2075.	1.9	41
40	A long-lived luminogenic iridium(III) complex for acetylacetone detection in environmental samples. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128486.	7.8	40
41	Emerging Screening Approaches in the Development of Nrf2/Keap1 Protein-Protein Interaction Inhibitors. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4445.	4.1	39
42	Peptide-Conjugated Long-Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17897-17902.	13.8	38
43	Metal complexes as inhibitors of transcription factor activity. <i>Coordination Chemistry Reviews</i> , 2013, 257, 3139-3151.	18.8	37
44	Label-free sensing of pH and silver nanoparticles using an OR logic gate. <i>Analytica Chimica Acta</i> , 2012, 733, 78-83.	5.4	36
45	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.	4.1	36
46	Discovery of a Natural Product-Like c-myc G-Quadruplex DNA Groove-Binder by Molecular Docking. <i>PLoS ONE</i> , 2012, 7, e43278.	2.5	36
47	Small Molecule Pin1 Inhibitor Blocking NF κ B Signaling in Prostate Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2018, 13, 275-279.	3.3	34
48	A Metal-Based Inhibitor of NEDD8-Activating Enzyme. <i>PLoS ONE</i> , 2012, 7, e49574.	2.5	34
49	Inhibition of Janus kinase 2 by cyclometalated rhodium complexes. <i>MedChemComm</i> , 2012, 3, 696.	3.4	32
50	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.	3.6	32
51	First Synthesis of an Oridonin-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.	3.3	32
52	Phosphorescent Imaging of Living Cells Using a Cyclometalated Iridium(III) Complex. <i>PLoS ONE</i> , 2013, 8, e55751.	2.5	30
53	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.	7.8	29
54	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.	4.0	28

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55	Transition metal complexes as imaging or therapeutic agents for neurodegenerative diseases. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4715-4725.	5.8	28
56	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.	3.3	27
57	Mimicking Strategy for Protein-Protein Interaction Inhibitor Discovery by Virtual Screening. <i>Molecules</i> , 2019, 24, 4428.	3.8	23
58	A robust photoluminescence screening assay identifies uracil-DNA glycosylase inhibitors against prostate cancer. <i>Chemical Science</i> , 2020, 11, 1750-1760.	7.4	23
59	Iridium(III) complexes as reaction based chemosensors for medical diagnostics. <i>Dalton Transactions</i> , 2018, 47, 15278-15282.	3.3	22
60	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.	5.8	21
61	Hit identification of IKK β natural product inhibitor. <i>BMC Pharmacology & Toxicology</i> , 2013, 14, 3.	2.4	20
62	Structure-based repurposing of FDA-approved drugs as inhibitors of NEDD8-activating enzyme. <i>Biochimie</i> , 2014, 102, 211-215.	2.6	20
63	A long-lived iridium(III) chemosensor for the real-time detection of GHB. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2739-2742.	5.8	20
64	Structure-based design of flavone derivatives as c-myc oncogene down-regulators. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 130-141.	4.0	18
65	A Highly Selective and Non-Reaction Based Chemosensor for the Detection of Hg ²⁺ Ions Using a Luminescent Iridium(III) Complex. <i>PLoS ONE</i> , 2013, 8, e60114.	2.5	17
66	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.	4.0	17
67	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.	7.4	16
68	A Label-Free Luminescent Switch-On Assay for ATP Using a G-Quadruplex-Selective Iridium(III) Complex. <i>PLoS ONE</i> , 2013, 8, e77021.	2.5	15
69	Interference Reduction Biosensing Strategy for Highly Sensitive microRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 4513-4521.	6.5	15
70	Recent progress and developments of iridium-based compounds as probes for environmental analytes. <i>Dalton Transactions</i> , 2018, 47, 13314-13317.	3.3	13
71	Antcamphorols A-K, Cytotoxic and ROS Scavenging Triterpenoids from <i>Antrodia camphorata</i> . <i>Journal of Natural Products</i> , 2020, 83, 45-54.	3.0	13
72	Aliphatic Group-Tethered Iridium Complex as a Theranostic Agent against Malignant Melanoma Metastasis. <i>ACS Applied Bio Materials</i> , 2020, 3, 2017-2027.	4.6	13

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73	Current Advancements in Al^{2+} Luminescent Probes and Inhibitors of Al^{2+} Aggregation. <i>Current Alzheimer Research</i> , 2012, 9, 830-843.	1.4	11
74	Real-time detection of oxalyl chloride based on a long-lived iridium(Ir^{III}) probe. <i>Dalton Transactions</i> , 2017, 46, 17074-17079.	3.3	11
75	Rhodium(III)-Based Inhibitor of the JMJD3-H3K27me3 Interaction and Modulator of the Inflammatory Response. <i>Inorganic Chemistry</i> , 2018, 57, 14023-14026.	4.0	11
76	Luminescence approaches for the rapid detection of disease-related receptor proteins using transition metal-based probes. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3249-3260.	5.8	11
77	A simple iridium(III) dimer as a switch-on luminescent chemosensor for carbon disulfide detection in water samples. <i>Analytica Chimica Acta</i> , 2019, 1083, 166-171.	5.4	10
78	Luminescent and colorimetric strategies for the label-free DNA-based detection of enzyme activity. <i>Briefings in Functional Genomics</i> , 2013, 12, 525-535.	2.7	9
79	Synthesis and Evaluation of Dibenzothiophene Analogues as Pin1 Inhibitors for Cervical Cancer Therapy. <i>ACS Omega</i> , 2019, 4, 9228-9234.	3.5	9
80	Cytotoxic triterpenoids from <i>Antrodia camphorata</i> as sensitizers of paclitaxel. <i>Organic Chemistry Frontiers</i> , 2020, 7, 768-779.	4.5	9
81	A Long-Lived Phosphorescence Amplification System Integrated with Graphene Oxide and a Stable Split G-Quadruplex Protector as an Isothermal "On-Off" Biosensor for the HBV Gene. <i>ACS Applied Bio Materials</i> , 2020, 3, 4556-4565.	4.6	7
82	Time-Resolved Luminescent High-Throughput Screening Platform for Lysosomotropic Compounds in Living Cells. <i>ACS Sensors</i> , 2021, 6, 166-174.	7.8	6
83	A time-resolved ratiometric luminescent anthrax biomarker nanosensor based on an Ir^{III} complex-doped coordination polymer network. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1853-1857.	5.8	6
84	A portable oligonucleotide-based microfluidic device for the detection of VEGF165 in a three-step suspended-droplet mode. <i>Dalton Transactions</i> , 2019, 48, 9824-9830.	3.3	2
85	Peptide-Conjugated Long-Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells. <i>Angewandte Chemie</i> , 2020, 132, 18053-18058.	2.0	2
86	Innentitelbild: Peptide-Conjugated Long-Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells (<i>Angew. Chem.</i> 41/2020). <i>Angewandte Chemie</i> , 2020, 132, 17914-17914.	2.0	0