Dik-Lung

List of Publications by Year
in descending order

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86 papers	5,314 citations	81743 39 h-index	82410 72 g-index
87 all docs	87 docs citations	87 times ranked	6426 citing authors

#	Article	IF	Citations
1	A time-resolved ratiometric luminescent anthrax biomarker nanosensor based on an Ir(<scp>iii</scp>) complex-doped coordination polymer network. Journal of Materials Chemistry B, 2022, 10, 1853-1857.	2.9	6
2	Interference Reduction Biosensing Strategy for Highly Sensitive microRNA Detection. Analytical Chemistry, 2022, 94, 4513-4521.	3.2	15
3	Time-Resolved Luminescent High-Throughput Screening Platform for Lysosomotropic Compounds in Living Cells. ACS Sensors, 2021, 6, 166-174.	4.0	6
4	Antcamphorols Aâ€“K, Cytotoxic and ROS Scavenging Triterpenoids from Antrodia camphorata. Journal of Natural Products, 2020, 83, 45-54.	1.5	13
5	Luminescence approaches for the rapid detection of disease-related receptor proteins using transition metal-based probes. Journal of Materials Chemistry B, 2020, 8, 3249-3260.	2.9	11
6	Peptideâ€€Conjugated Longâ€Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells. Angewandte Chemie, 2020, 132, 18053-18058.	1.6	2
7	Purified Astaxanthin from Haematococcus pluvialis Promotes Tissue Regeneration by Reducing Oxidative Stress and the Secretion of Collagen In Vitro and In Vivo. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	17
8	Innentitelbild: Peptideâ€€Conjugated Longâ€Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells (Angew. Chem. 41/2020). Angewandte Chemie, 2020, 132, 17914-17914.	1.6	0
9	Structure-guided discovery of a luminescent theranostic toolkit for living cancer cells and the imaging behavior effect. Chemical Science, 2020, 11, 11404-11412.	3.7	16
10	A Long-Lived Phosphorescence Amplification System Integrated with Graphene Oxide and a Stable Split G-Quadruplex Protector as an Isothermal â€œOffâ€“Onâ€•Biosensor for the HBV Gene. ACS Applied Bio Materials, 2020, 3, 4556-4565.	2.3	7
11	Aliphatic Group-Tethered Iridium Complex as a Theranostic Agent against Malignant Melanoma Metastasis. ACS Applied Bio Materials, 2020, 3, 2017-2027.	2.3	13
12	Peptideâ€€Conjugated Longâ€Lived Theranostic Imaging for Targeting GRPr in Cancer and Immune Cells. Angewandte Chemie - International Edition, 2020, 59, 17897-17902.	7.2	38
13	A long-lived luminogenic iridium(III) complex for acetylacetone detection in environmental samples. Sensors and Actuators B: Chemical, 2020, 321, 128486.	4.0	40
14	Transition metal complexes as imaging or therapeutic agents for neurodegenerative diseases. Journal of Materials Chemistry B, 2020, 8, 4715-4725.	2.9	28
15	A robust photoluminescence screening assay identifies uracil-DNA glycosylase inhibitors against prostate cancer. Chemical Science, 2020, 11, 1750-1760.	3.7	23
16	Cytotoxic triterpenoids fromAntrodia camphorataas sensitizers of paclitaxel. Organic Chemistry Frontiers, 2020, 7, 768-779.	2.3	9
17	A simple iridium(III) dimer as a switch-on luminescent chemosensor for carbon disulfide detection in water samples. Analytica Chimica Acta, 2019, 1083, 166-171.	2.6	10
18	Iridium(III) Complexes Targeting Apoptotic Cell Death in Cancer Cells. Molecules, 2019, 24, 2739.	1.7	59

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19	Emerging Screening Approaches in the Development of Nrf2â€“Keap1 Proteinâ€“Protein Interaction Inhibitors. International Journal of Molecular Sciences, 2019, 20, 4445.	1.8	39
20	A portable oligonucleotide-based microfluidic device for the detection of VEGF165 in a three-step suspended-droplet mode. Dalton Transactions, 2019, 48, 9824-9830.	1.6	2
21	Synthesis and Evaluation of Dibenzothiophene Analogues as Pin1 Inhibitors for Cervical Cancer Therapy. ACS Omega, 2019, 4, 9228-9234.	1.6	9
22	Destiny of Dendrobium officinale Polysaccharide after Oral Administration: Indigestible and Nonabsorbing, Ends in Modulating Gut Microbiota. Journal of Agricultural and Food Chemistry, 2019, 67, 5968-5977.	2.4	99
23	A dual-functional molecular strategy for in situ suppressing and visualizing of neuraminidase in aqueous solution using iridium(<scp>iii</scp>) complexes. Chemical Communications, 2019, 55, 6353-6356.	2.2	36
24	Mimicking Strategy for Proteinâ€“Protein Interaction Inhibitor Discovery by Virtual Screening. Molecules, 2019, 24, 4428.	1.7	23
25	Identification of a rhodium(<scp>iii</scp>) complex as a Wee1 inhibitor againstTP53-mutated triple-negative breast cancer cells. Chemical Communications, 2018, 54, 2463-2466.	2.2	48
26	Small Molecule Pin1 Inhibitor Blocking NFâ€ºB Signaling in Prostate Cancer Cells. Chemistry - an Asian Journal, 2018, 13, 275-279.	1.7	34
27	Cell imaging of dopamine receptor using agonist labeling iridium(<scp>iii</scp>) complex. Chemical Science, 2018, 9, 1119-1125.	3.7	106
28	Recent advances in iridium(<scp>iii</scp>) complex-assisted nanomaterials for biological applications. Journal of Materials Chemistry B, 2018, 6, 537-544.	2.9	42
29	A long-lived peptide-conjugated iridium(<scp>iii</scp>) complex as a luminescent probe and inhibitor of the cell migration mediator, formyl peptide receptor 2. Chemical Science, 2018, 9, 8171-8177.	3.7	63
30	Iridium(<scp>iii</scp>) complexes as reaction based chemosensors for medical diagnostics. Dalton Transactions, 2018, 47, 15278-15282.	1.6	22
31	Rhodium(III)-Based Inhibitor of the JMJD3-H3K27me3 Interaction and Modulator of the Inflammatory Response. Inorganic Chemistry, 2018, 57, 14023-14026.	1.9	11
32	Recent progress and developments of iridium-based compounds as probes for environmental analytes. Dalton Transactions, 2018, 47, 13314-13317.	1.6	13
33	A long-lifetime iridium(<scp>iii</scp>) complex for lysosome tracking with high specificity and a large Stokes shift. Journal of Materials Chemistry B, 2018, 6, 3855-3858.	2.9	21
34	A Rhodium(III)-Based Inhibitor of Lysine-Specific Histone Demethylase 1 as an Epigenetic Modulator in Prostate Cancer Cells. Journal of Medicinal Chemistry, 2017, 60, 2597-2603.	2.9	71
35	First Synthesis of an Oridoninâ€Conjugated Iridium(III) Complex for the Intracellular Tracking of NFâ€ºB in Living Cells. Chemistry - A European Journal, 2017, 23, 4929-4935.	1.7	32
36	The Development of Gâ€Quadruplexâ€Based Assays for the Detection of Small Molecules and Toxic Substances. Chemistry - an Asian Journal, 2017, 12, 1851-1860.	1.7	27

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37	A long-lived iridium(iii) chemosensor for the real-time detection of GHB. Journal of Materials Chemistry B, 2017, 5, 2739-2742.	2.9	20
38	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. Journal of Medicinal Chemistry, 2017, 60, 497-503.	2.9	66
39	Development of a Long-Lived Luminescence Probe for Visualizing Î²-Galactosidase in Ovarian Carcinoma Cells. Analytical Chemistry, 2017, 89, 11679-11684.	3.2	140
40	Construction of a Nano Biosensor for Cyanide Anion Detection and Its Application in Environmental and Biological Systems. ACS Sensors, 2017, 2, 1517-1522.	4.0	29
41	Real-time detection of oxalyl chloride based on a long-lived iridium(<scp>iii</scp>) probe. Dalton Transactions, 2017, 46, 17074-17079.	1.6	11
42	Luminescent chemosensors by using cyclometalated iridium(<scp>iii</scp>) complexes and their applications. Chemical Science, 2017, 8, 878-889.	3.7	176
43	PTEN Activation by DNA Damage Induces Protective Autophagy in Response to Cucurbitacin B in Hepatocellular Carcinoma Cells. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	1.9	28
44	Conjugating a groove-binding motif to an Ir(<scp>iii</scp>) complex for the enhancement of G-quadruplex probe behavior. Chemical Science, 2016, 7, 2516-2523.	3.7	150
45	Luminescence switch-on detection of protein tyrosine kinase-7 using a G-quadruplex-selective probe. Chemical Science, 2015, 6, 4284-4290.	3.7	165
46	An iridium(<scp>iii</scp>)-based irreversible proteinâ€“protein interaction inhibitor of BRD4 as a potent anticancer agent. Chemical Science, 2015, 6, 5400-5408.	3.7	125
47	Structure-based repurposing of FDA-approved drugs as inhibitors of NEDD8-activating enzyme. Biochimie, 2014, 102, 211-215.	1.3	20
48	Antagonizing STAT3 Dimerization with a Rhodium(III) Complex. Angewandte Chemie - International Edition, 2014, 53, 9178-9182.	7.2	109
49	DNAâ€Binding Small Molecules as Inhibitors of Transcription Factors. Medicinal Research Reviews, 2013, 33, 823-846.	5.0	52
50	Luminescent oligonucleotide-based detection of enzymes involved with DNA repair. Chemical Science, 2013, 4, 3781.	3.7	50
51	Structure-based design of flavone derivatives as c-myc oncogene down-regulators. European Journal of Pharmaceutical Sciences, 2013, 48, 130-141.	1.9	18
52	Hit identification of IKKÎ² natural product inhibitor. BMC Pharmacology & Toxicology, 2013, 14, 3.	1.0	20
53	Metal complexes as inhibitors of transcription factor activity. Coordination Chemistry Reviews, 2013, 257, 3139-3151.	9.5	37
54	Bioactive iridium and rhodium complexes as therapeutic agents. Coordination Chemistry Reviews, 2013, 257, 1764-1776.	9.5	265

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55	Drug repositioning by structure-based virtual screening. Chemical Society Reviews, 2013, 42, 2130.	18.7	187
56	An oligonucleotide-based switch-on luminescent probe for the detection of kanamycin in aqueous solution. Sensors and Actuators B: Chemical, 2013, 177, 487-492.	4.0	96
57	Label-free luminescent oligonucleotide-based probes. Chemical Society Reviews, 2013, 42, 3427.	18.7	214
58	Simple DNA-based logic gates responding to biomolecules and metal ions. Chemical Science, 2013, 4, 3366.	3.7	114
59	Bioactive Luminescent Transitionâ€Metal Complexes for Biomedical Applications. Angewandte Chemie - International Edition, 2013, 52, 7666-7682.	7.2	339
60	A G-quadruplex-selective luminescent switch-on probe for the detection of sub-nanomolar human neutrophil elastase. RSC Advances, 2013, 3, 1656-1659.	1.7	32
61	Label-free detection of sub-nanomolar lead(II) ions in aqueous solution using a metal-based luminescent switch-on probe. Biosensors and Bioelectronics, 2013, 41, 871-874.	5.3	84
62	Label-Free Luminescent Switch-on Detection of Endonuclease IV Activity Using a G-Quadruplex-Selective Iridium(III) Complex. ACS Applied Materials & Interfaces, 2013, 5, 12249-12253.	4.0	55
63	G-quadruplexes for luminescent sensing and logic gates. Nucleic Acids Research, 2013, 41, 4345-4359.	6.5	150
64	Luminescent and colorimetric strategies for the label-free DNA-based detection of enzyme activity. Briefings in Functional Genomics, 2013, 12, 525-535.	1.3	9
65	A Highly Selective and Non-Reaction Based Chemosensor for the Detection of Hg2+ Ions Using a Luminescent Iridium(III) Complex. PLoS ONE, 2013, 8, e60114.	1.1	17
66	Phosphorescent Imaging of Living Cells Using a Cyclometalated Iridium(III) Complex. PLoS ONE, 2013, 8, e55751.	1.1	30
67	A Label-Free Luminescent Switch-On Assay for ATP Using a G-Quadruplex-Selective Iridium(III) Complex. PLoS ONE, 2013, 8, e77021.	1.1	15
68	Current Advancements in AÎ² Luminescent Probes and Inhibitors of AÎ² Aggregation. Current Alzheimer Research, 2012, 9, 830-843.	0.7	11
69	Luminescent G-quadruplex Probes. Current Pharmaceutical Design, 2012, 18, 2058-2075.	0.9	41
70	Luminescent detection of DNA-binding proteins. Nucleic Acids Research, 2012, 40, 941-955.	6.5	90
71	Recent advances in luminescent heavy metal complexes for sensing. Coordination Chemistry Reviews, 2012, 256, 3087-3113.	9.5	273
72	Label-free sensing of pH and silver nanoparticles using an â€œORâ€•logic gate. Analytica Chimica Acta, 2012, 733, 78-83.	2.6	36

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73	Discovery of a natural product inhibitor targeting protein neddylation by structure-based virtual screening. Biochimie, 2012, 94, 2457-2460.	1.3	55
74	A label-free G-quadruplex-based switch-on fluorescence assay for the selective detection of ATP. Analyst, The, 2012, 137, 1538.	1.7	73
75	Inhibition of Janus kinase 2 by cyclometalated rhodium complexes. MedChemComm, 2012, 3, 696.	3.5	32
76	A highly selective G-quadruplex-based luminescent switch-on probe for the detection of nanomolar strontium(ii) ions in sea water. RSC Advances, 2012, 2, 8273.	1.7	42
77	A Metalâ€Based Inhibitor of Tumor Necrosis Factorâ€Î±. Angewandte Chemie - International Edition, 2012, 51, 9010-9014.	7.2	158
78	Discovery of a Natural Product-Like c-myc G-Quadruplex DNA Groove-Binder by Molecular Docking. PLoS ONE, 2012, 7, e43278.	1.1	36
79	A Metal-Based Inhibitor of NEDD8-Activating Enzyme. PLoS ONE, 2012, 7, e49574.	1.1	34
80	Crystal violet as a fluorescent switch-on probe for i-motif: label-free DNA-based logic gate. Analyst, The, 2011, 136, 2692.	1.7	78
81	Group 9 metal-based inhibitors of Î²-amyloid (1â€“40) fibrillation as potential therapeutic agents for Alzheimer's disease. Chemical Science, 2011, 2, 917.	3.7	128
82	Structure-based optimization of FDA-approved drug methylene blue as a c-myc G-quadruplex DNA stabilizer. Biochimie, 2011, 93, 1055-1064.	1.3	88
83	Molecular modeling of drugâ€“DNA interactions: Virtual screening to structure-based design. Biochimie, 2011, 93, 1252-1266.	1.3	47
84	Molecular docking for virtual screening of natural product databases. Chemical Science, 2011, 2, 1656-1665.	3.7	131
85	Structureâ€Based Repurposing of FDAâ€Approved Drugs as TNFâ€Î± Inhibitors. ChemMedChem, 2011, 6, 765-768	1.6	43
86	A highly selective, label-free, homogenous luminescent switch-on probe for the detection of nanomolar transcription factor NF-kappaB. Nucleic Acids Research, 2011, 39, e67-e67.	6.5	84