

# Hai-Jing Zhong

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

3,336  
citations

147566

31  
h-index

143772

57  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive iridium and rhodium complexes as therapeutic agents. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1764-1776.	9.5	265
2	Label-free luminescent oligonucleotide-based probes. <i>Chemical Society Reviews</i> , 2013, 42, 3427.	18.7	214
3	Recent Developments in G-Quadruplex Probes. <i>Chemistry and Biology</i> , 2015, 22, 812-828.	6.2	162
4	A Metal-Based Inhibitor of Tumor Necrosis Factor- $\alpha$ . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9010-9014.	7.2	158
5	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
6	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
7	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
8	Metal complexes as potential modulators of inflammatory and autoimmune responses. <i>Chemical Science</i> , 2015, 6, 871-884.	3.7	118
9	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
10	Antagonizing STAT3 Dimerization with a Rhodium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9178-9182.	7.2	109
11	Cell imaging of dopamine receptor using agonist labeling iridium(III) complex. <i>Chemical Science</i> , 2018, 9, 1119-1125.	3.7	106
12	Recent development of transition metal complexes with in vivo antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 276-286.	1.5	79
13	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
14	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
15	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
16	An oligonucleotide-based label-free luminescent switch-on probe for RNA detection utilizing a G-quadruplex-selective iridium(III) complex. <i>Nanoscale</i> , 2014, 6, 8489-8494.	2.8	56
17	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
18	Discovery of a natural product inhibitor targeting protein neddylation by structure-based virtual screening. <i>Biochimie</i> , 2012, 94, 2457-2460.	1.3	55

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19	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
20	Visualization of Zn <sup>2+</sup> Ions in Live Zebrafish Using a Luminescent Iridium(III) Chemosensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 14008-14015.	4.0	54
21	Identification of an iridium(III) complex with anti-bacterial and anti-cancer activity. <i>Scientific Reports</i> , 2015, 5, 14544.	1.6	52
22	Therapeutic effects of tetramethylpyrazine nitron in rat ischemic stroke models. <i>Journal of Neuroscience Research</i> , 2012, 90, 1662-1669.	1.3	51
23	Luminescent oligonucleotide-based detection of enzymes involved with DNA repair. <i>Chemical Science</i> , 2013, 4, 3781.	3.7	50
24	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.	2.2	48
25	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
26	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
27	Label-free sensing of pH and silver nanoparticles using an OR logic gate. <i>Analytica Chimica Acta</i> , 2012, 733, 78-83.	2.6	36
28	Inhibition of Beta-Amyloid Fibrillation by Luminescent Iridium(III) Complex Probes. <i>Scientific Reports</i> , 2015, 5, 14619.	1.6	35
29	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
30	A Metal-Based Inhibitor of NEDD8-Activating Enzyme. <i>PLoS ONE</i> , 2012, 7, e49574.	1.1	34
31	Inhibition of Janus kinase 2 by cyclometalated rhodium complexes. <i>MedChemComm</i> , 2012, 3, 696.	3.5	32
32	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
33	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
34	A natural product-like JAK2/STAT3 inhibitor induces apoptosis of malignant melanoma cells. <i>PLoS ONE</i> , 2017, 12, e0177123.	1.1	31
35	Phosphorescent Imaging of Living Cells Using a Cyclometalated Iridium(III) Complex. <i>PLoS ONE</i> , 2013, 8, e55751.	1.1	30
36	In silico screening of quadruplex-binding ligands. <i>Methods</i> , 2012, 57, 106-114.	1.9	29

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37	Antagonism of mTOR Activity by a Kinetically Inert Rhodium(III) Complex. <i>ChemPlusChem</i> , 2014, 79, 508-511.	1.3	26
38	Luminescent detection of human serum albumin in aqueous solution using a cyclometallated iridium(III) complex. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 177-184.	4.0	26
39	Anticancer osmium complex inhibitors of the HIF-1 $\alpha$ and p300 protein-protein interaction. <i>Scientific Reports</i> , 2017, 7, 42860.	1.6	25
40	Novel multi-functional nitrones for treatment of ischemic stroke. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3939-3945.	1.4	23
41	Discovery of a small-molecule inhibitor of STAT3 by ligand-based pharmacophore screening. <i>Methods</i> , 2015, 71, 38-43.	1.9	22
42	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
43	Structure-based repurposing of FDA-approved drugs as inhibitors of NEDD8-activating enzyme. <i>Biochimie</i> , 2014, 102, 211-215.	1.3	20
44	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
45	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
46	Structure-based design of flavone derivatives as c-myc oncogene down-regulators. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 130-141.	1.9	18
47	Discovery of deoxyvasicinone derivatives as inhibitors of NEDD8-activating enzyme. <i>Methods</i> , 2015, 71, 71-76.	1.9	17
48	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
49	A highly sensitive G-quadruplex-based luminescent switch-on probe for the detection of polymerase 3 $\alpha$ proofreading activity. <i>Methods</i> , 2013, 64, 224-228.	1.9	13
50	Neutrophil-mediated and low density lipoprotein receptor-mediated dual-targeting nanoformulation enhances brain accumulation of scutellarin and exerts neuroprotective effects against ischemic stroke. <i>RSC Advances</i> , 2019, 9, 1299-1318.	1.7	13
51	Catalytic Enantioselective Bromoaminocyclization and Bromocycloetherification. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5358-5362.	2.1	13
52	Current Advancements in $\text{A}\beta$ Luminescent Probes and Inhibitors of $\text{A}\beta$ Aggregation. <i>Current Alzheimer Research</i> , 2012, 9, 830-843.	0.7	11
53	Protective Effect of Iridoid Glycosides of the Leaves of <i>Syringa oblata</i> Lindl. on Dextran Sulfate Sodium-Induced Ulcerative Colitis by Inhibition of the TLR2/4/MyD88/NF- $\kappa$ B Signaling Pathway. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	11
54	Luminescent and colorimetric strategies for the label-free DNA-based detection of enzyme activity. <i>Briefings in Functional Genomics</i> , 2013, 12, 525-535.	1.3	9

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55	Neutrophil affinity for PGP and HAIYPRH (T7) peptide dual-ligand functionalized nanoformulation enhances the brain delivery of tanshinone IIA and exerts neuroprotective effects against ischemic stroke by inhibiting proinflammatory signaling pathways. <i>New Journal of Chemistry</i> , 2018, 42, 19043-19061.	1.4	7
56	In silico identification of natural product inhibitors of JAK2. <i>Methods</i> , 2015, 71, 21-25.	1.9	6
57	The Potentials of Uncariae Ramulus Cum Uncis for the Treatment of Migraine: Targeting CGRP in the Trigeminovascular System. <i>Current Neuropharmacology</i> , 2021, 19, 1090-1100.	1.4	3
58	Structure-Based Approaches Targeting Oncogene Promoter G-Quadruplexes. , 0, , .		1
59	R <sup>14</sup> cktitelbild: Antagonizing STAT3 Dimerization with a Rhodium(III) Complex ( <i>Angew. Chem.</i> 35/2014). <i>Angewandte Chemie</i> , 2014, 126, 9544-9544.	1.6	0
60	Innenr <sup>14</sup> cktitelbild: Selective Inhibition of Lysine <sup>6</sup> -Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple <sup>6</sup> -Negative Breast Cancer Therapy ( <i>Angew. Chem.</i> 40/2018). <i>Angewandte Chemie</i> , 2018, 130, 13533-13533.	1.6	0