

# Zhenzhu Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

756  
citations

567281

15  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrion-targeted platinum complexes suppressing lung cancer through multiple pathways involving energy metabolism. <i>Chemical Science</i> , 2019, 10, 3089-3095.	7.4	119
2	Platinum(II)–Gadolinium(III) Complexes as Potential Single-Molecular Theranostic Agents for Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13225-13228.	13.8	77
3	Impact of Mitochondrion-Targeting Group on the Reactivity and Cytostatic Pathway of Platinum(IV) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 11135-11145.	4.0	58
4	Interfering in apoptosis and DNA repair of cancer cells to conquer cisplatin resistance by platinum(IV) prodrugs. <i>Chemical Science</i> , 2020, 11, 3829-3835.	7.4	58
5	Glutathione boosting the cytotoxicity of a magnetic platinum(IV) nano-prodrug in tumor cells. <i>Chemical Science</i> , 2016, 7, 2864-2869.	7.4	55
6	Targeting Energy Metabolism by a Platinum(IV) Prodrug as an Alternative Pathway for Cancer Suppression. <i>Inorganic Chemistry</i> , 2019, 58, 6507-6516.	4.0	47
7	Novel mitochondrion-targeting copper(II) complex induces HK2 malfunction and inhibits glycolysis via Drp1-mediated mitophagy in HCC. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3091-3107.	3.6	31
8	Inhibiting A $\beta$ toxicity in Alzheimer's disease by a pyridine amine derivative. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 330-339.	5.5	30
9	Alleviation of symptoms of Alzheimer's disease by diminishing A $\beta$ neurotoxicity and neuroinflammation. <i>Chemical Science</i> , 2019, 10, 10149-10158.	7.4	30
10	Enhancing Cytotoxicity of a Monofunctional Platinum Complex via a Dual-DNA-Damage Approach. <i>Inorganic Chemistry</i> , 2019, 58, 13150-13160.	4.0	26
11	Redox-triggered mitoxantrone prodrug micelles for overcoming multidrug-resistant breast cancer. <i>Journal of Drug Targeting</i> , 2018, 26, 75-85.	4.4	26
12	A novel platinum(II) anticancer complex of dansyl bis(2-benzothiazolylmethyl)amine with dimethyl sulfoxide as a leaving group: synthesis, cytotoxicity, interaction with DNA and human serum albumin. <i>New Journal of Chemistry</i> , 2017, 41, 6340-6348.	2.8	22
13	A monofunctional trinuclear platinum complex with steric hindrance demonstrates strong cytotoxicity against tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2014, 139, 77-84.	3.5	20
14	A Potential Bone-Targeting Hypotoxic Platinum(II) Complex with an Unusual Cytostatic Mechanism toward Osteosarcoma Cells. <i>Inorganic Chemistry</i> , 2018, 57, 3315-3322.	4.0	16
15	Design of a multifunctional biotinylated copper complex for visualization and quantification of cancer hypoxia levels. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 541-548.	7.8	16
16	Platinum-Based Two-Photon Photosensitizer Responsive to NIR Light in Tumor Hypoxia Microenvironment. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7786-7798.	6.4	14
17	Concurrent suppression of A $\beta$ aggregation and NLRP3 inflammasome activation for treating Alzheimer's disease. <i>Chemical Science</i> , 2022, 13, 2971-2980.	7.4	13
18	Surmounting tumor resistance to metallodrugs by co-loading a metal complex and siRNA in nanoparticles. <i>Chemical Science</i> , 2021, 12, 4547-4556.	7.4	12

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19	Inhibition of metal-induced amyloid $\beta$ -peptide aggregation by a blood-brain barrier permeable silica-cyclen nano-chelator. <i>RSC Advances</i> , 2019, 9, 14126-14131.	3.6	11
20	Fluorescence imaging of a new monofunctional platinum(II) complex containing a thioflavin-T (ThT)-based fluorophore. <i>New Journal of Chemistry</i> , 2015, 39, 1592-1596.	2.8	10
21	DNA cleavage, DNA/HSA binding study, and antiproliferative activity of a phenolate-bridged binuclear copper(II) complex. <i>BioMetals</i> , 2019, 32, 227-240.	4.1	10
22	Dual-drug loaded nanoformulation with a galactosamine homing moiety for liver-targeted anticancer therapy. <i>Dalton Transactions</i> , 2016, 45, 13169-13178.	3.3	9
23	Enhanced anti-cancer efficacy to cancer cells by a novel monofunctional mononuclear platinum(II) complex containing a mixed S,N,S-donor ligand. <i>New Journal of Chemistry</i> , 2017, 41, 6760-6768.	2.8	8
24	Adverse effects of bisphenol B exposure on the thyroid and nervous system in early life stages of zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 250, 109167.	2.6	8
25	DNA topoisomerases as additional targets for anticancer monofunctional platinum(II) complexes. <i>Dalton Transactions</i> , 2021, 50, 304-310.	3.3	6
26	Cyanidin-3-O-glucoside, cyanidin, and oxidation products of cyanidin protect neuronal function through alleviating inflammation and oxidative damage. <i>Journal of Food Science</i> , 2022, 87, 2159-2172.	3.1	5