

Jian Zhao

List of Publications by Year in descending order

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48
papers

1,082
citations

361296

20
h-index

434063

31
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all docs

48
docs citations

48
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	An Iridium (III) Complex Bearing a Donor–Acceptor–Donor Type Ligand for NIR-Triggered Dual Phototherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008325.	7.8	75
2	A supramolecular photosensitizer derived from an Arene-Ru(II) complex self-assembly for NIR activated photodynamic and photothermal therapy. <i>Nature Communications</i> , 2022, 13, .	5.8	58
3	Antitumor Platinum(II) Complexes Containing Platinum-Based Moieties of Present Platinum Drugs and Furoxan Groups as Nitric Oxide Donors: Synthesis, DNA Interaction, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2012, 51, 10317-10324.	1.9	57
4	Study on Antitumor Platinum(II) Complexes of Chiral Diamines with Dicyclic Species as Steric Hindrance. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6368-6377.	2.9	49
5	Anticancer Activity of Bifunctional Organometallic Ru(II) Arene Complexes Containing a 7-Hydroxycoumarin Group. <i>Organometallics</i> , 2018, 37, 441-447.	1.1	47
6	Iridium(III) Complex–Derived Polymeric Micelles with Low Dark Toxicity and Strong NIR Excitation for Phototherapy and Chemotherapy. <i>Small</i> , 2020, 16, e2000363.	5.2	47
7	Dinuclear Organoruthenium Complexes Exhibiting Antiproliferative Activity through DNA Damage and a Reactive-Oxygen-Species-Mediated Endoplasmic Reticulum Stress Pathway. <i>Inorganic Chemistry</i> , 2019, 58, 2208-2217.	1.9	46
8	Construction of Dual Stimuli-Responsive Platinum(IV) Hybrids with NQO1 Targeting Ability and Overcoming Cisplatin Resistance. <i>Inorganic Chemistry</i> , 2019, 58, 2191-2200.	1.9	45
9	Novel hypoxia-targeting Pt(IV) prodrugs. <i>Chemical Communications</i> , 2017, 53, 3749-3752.	2.2	42
10	Nitric Oxide Donor-Based Platinum Complexes as Potential Anticancer Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 14276-14281.	1.7	38
11	Biotinylated platinum(IV) complexes designed to target cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2017, 176, 175-180.	1.5	38
12	Hypoxia-Targeting Organometallic Ru(II)–Arene Complexes with Enhanced Anticancer Activity in Hypoxic Cancer Cells. <i>Inorganic Chemistry</i> , 2018, 57, 8396-8403.	1.9	35
13	Potent Anticancer Activity and Possible Low Toxicity of Platinum(II) Complexes with Functionalized 1,1-Cyclobutanedicarboxylate as a Leaving Ligand. <i>Chemistry - A European Journal</i> , 2014, 20, 15216-15225.	1.7	34
14	Enhancing Photodynamic Therapy Efficacy of Upconversion-Based Nanoparticles Conjugated with a Long-Lived Triplet Excited State Iridium(III)-Naphthalimide Complex: Toward Highly Enhanced Hypoxia-Inducible Factor-1. <i>ACS Applied Bio Materials</i> , 2020, 3, 252-262.	2.3	31
15	Anticancer Potency of Platinum(II) Complexes Containing Both Chloride Anion and Chelated Carboxylate as Leaving Groups. <i>Inorganic Chemistry</i> , 2013, 52, 8163-8170.	1.9	30
16	Design of a Tris-Heteroleptic Ru(II) Complex with Red-Light Excitation and Remarkably Improved Photobiological Activity. <i>Inorganic Chemistry</i> , 2020, 59, 11193-11204.	1.9	26
17	Cytotoxicity profile of novel sterically hindered platinum(II) complexes with (1R,2R)-N1,N2-dibutyl-1,2-diaminocyclohexane. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 187-195.	2.6	25
18	Bifunctional ruthenium(II) polypyridyl complexes of curcumin as potential anticancer agents. <i>Dalton Transactions</i> , 2020, 49, 9454-9463.	1.6	24

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19	Different crystal structures and luminescent properties of zinc and cadmium coordination polymers constructed from two flexible thioether ligands with different alkyl chains. <i>Polyhedron</i> , 2009, 28, 1040-1048.	1.0	22
20	Oleanolic acid-NO donor-platinum(II) trihybrid molecules: Targeting cytotoxicity on hepatoma cells with combined action mode and good safety. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4611-4619.	1.4	21
21	Exploring the Hydrolytic Behavior of the Platinum(IV) Complexes with Axial Acetato Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 9851-9859.	1.9	21
22	Theranostic Pt(IV) Conjugate with Target Selectivity for Androgen Receptor. <i>Inorganic Chemistry</i> , 2018, 57, 5019-5029.	1.9	20
23	Platinum(II) complexes with N-monoalkyl 1R,2R-diaminocyclohexane derivatives as carrier ligands and 3-hydroxycyclobutane-1,1-dicarboxylate as a leaving group: Potent cytotoxicity and DNA binding ability. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 842-847.	2.6	19
24	Light-activated ruthenium (II)-bicalutamide prodrugs for prostate cancer. <i>Journal of Inorganic Biochemistry</i> , 2019, 196, 110684.	1.5	19
25	Design, synthesis and in vitro cytotoxicity of novel dinuclear platinum(II) complexes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1763-1766.	1.0	16
26	Antitumor Effect of Organometallic Half-Sandwich Ru(II)–Arene Complexes Bearing a Glutathione S-Transferase Inhibitor. <i>Inorganic Chemistry</i> , 2021, 60, 13051-13061.	1.9	15
27	An Effective Supramolecular Approach to Boost the Photodynamic Therapy Efficacy of a Near-Infrared Activating Perylene Diimide-Based Photosensitizer. , 2022, 4, 657-664.		15
28	A study on platinum(IV) species containing an estrogen receptor modulator to reverse tamoxifen resistance of breast cancer. <i>Metallomics</i> , 2018, 10, 346-359.	1.0	14
29	Synthesis and antiproliferative activity of (1 <i>R</i> ,2 <i>R</i>)- <i>N</i> -(2-butyl)-1,2-cyclohexanediamine platinum(II) complexes with malonate derivatives. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2858-2866.	0.8	13
30	Antitumor platinum(II) complexes of N-cyclobutyl-1 <i>R</i> ,2 <i>R</i> -diaminocyclohexane with dicarboxylates as leaving groups. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 221-224.	1.0	12
31	Improve the anticancer potency of the platinum(II) complexes through functionalized leaving group. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 20-28.	1.5	12
32	Combination of 7-hydroxycoumarin in a platinum(IV) complex derived from cisplatin enhanced cytotoxicity with multiple mechanisms of action. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 17-23.	1.5	12
33	A light-controlled multi-step drug release nanosystem targeting tumor hypoxia for synergistic cancer therapy. <i>Chemical Science</i> , 2021, 12, 11810-11820.	3.7	12
34	Antitumor platinum(II) complexes of N-monoalkyl 1 <i>R</i> ,2 <i>R</i> -diamino-cyclohexanes with 3-(nitrooxy)cyclobutane-1,1-dicarboxylate as a leaving group. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 408-417.	2.6	11
35	Bifunctional Platinum(IV) Complexes with Bisphosphonates Substituted Diamine Derivatives: Synthesis and In vitro Cytotoxicity. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700348.	1.0	11
36	DNA-Targeting Ru(II)-Polypyridyl Complex with a Long-Lived Intraligand Excited State as a Potential Photodynamic Therapy Agent. <i>Chemistry - A European Journal</i> , 2020, 26, 17495-17503.	1.7	10

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37	A naphthalimide derivative can release COS and form H ₂ S in a light-controlled manner and protect cells against ROS with real-time monitoring ability. <i>Analyst, The</i> , 2020, 145, 3878-3884.	1.7	10
38	Multifunctional platinum(IV) complex bearing HDAC inhibitor and biotin moiety exhibits prominent cytotoxicity and tumor-targeting ability. <i>Dalton Transactions</i> , 2022, 51, 7343-7351.	1.6	10
39	Isostructural zinc (II) and cadmium (II) coordination complexes with 4-pyridin-4-yl-pyrimidine-2-sulfonate: Structure and fluorescent properties. <i>Journal of Molecular Structure</i> , 2009, 928, 95-98.	1.8	5
40	Boosting phototherapy efficacy of NIR-absorbing ruthenium (II) complex via supramolecular engineering. <i>Materials Today Nano</i> , 2022, 18, 100220.	2.3	5
41	Prasugrel, a new medicine for preventing blockages in the arteries. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1354-o1354.	0.2	4
42	Combining a Ru(II)-arene complex with a NO-releasing nitrate-ester ligand generates cytotoxic activity. <i>Dalton Transactions</i> , 2016, 45, 18079-18083.	1.6	4
43	Design, synthesis and biological evaluation of demethylcantharidate-linked platinum(II) complexes of N-monoalkyl-1R,2R-diaminocyclohexane derivatives. <i>Inorganica Chimica Acta</i> , 2017, 462, 188-194.	1.2	4
44	DN604: A platinum(II) drug candidate with classic SAR can induce apoptosis via suppressing CK2-mediated p-cdc25C subcellular localization in cancer cells. <i>Experimental Cell Research</i> , 2018, 364, 68-83.	1.2	4
45	A lysosome specific theranostic NO donor inhibits cancer cells by stimuli responsive molecular self-decomposition with an on-demand fluorescence pattern. <i>Analyst, The</i> , 2019, 144, 6681-6688.	1.7	4
46	Oxidative DNA double strand breaks and autophagy in the antitumor effect of sterically hindered platinum(II) complexes in NSCLCs. <i>Oncotarget</i> , 2017, 8, 30933-30955.	0.8	4
47	Synthesis and biological evaluation of mixed ammine/amine platinum(II) complexes with dicarboxylate containing organic nitrate as ligand. <i>Inorganica Chimica Acta</i> , 2014, 409, 310-314.	1.2	3
48	Insight into the antitumor actions of sterically hindered platinum(II) complexes by a combination of STD NMR and LCMS techniques. <i>Metallomics</i> , 2020, 12, 427-434.	1.0	3