Jian Zhao

List of Publications by Year
in descending order

48 papers	1,082 citations	361296 20 h-index	434063 31 g-index
48 all docs	48 docs citations	48 times ranked	1138 citing authors

#	Article	IF	Citations
1	An Effective Supramolecular Approach to Boost the Photodynamic Therapy Efficacy of a Near-Infrared Activating Perylene Diimide-Based Photosensitizer. , 2022, 4, 657-664.		15
2	Multifunctional platinum(<scp>iv</scp>) complex bearing HDAC inhibitor and biotin moiety exhibits prominent cytotoxicity and tumor-targeting ability. Dalton Transactions, 2022, 51, 7343-7351.	1.6	10
3	Boosting phototherapy efficacy of NIR-absorbing ruthenium (II) complex via supramolecular engineering. Materials Today Nano, 2022, 18, 100220.	2.3	5
4	A supramolecular photosensitizer derived from an Arene-Ru(II) complex self-assembly for NIR activated photodynamic and photothermal therapy. Nature Communications, 2022, 13, .	5.8	58
5	An Iridium (III) Complex Bearing a Donorâ€“Acceptorâ€“Donor Type Ligand for NIRâ€Triggered Dual Phototherapy. Advanced Functional Materials, 2021, 31, 2008325.	7.8	75
6	A light-controlled multi-step drug release nanosystem targeting tumor hypoxia for synergistic cancer therapy. Chemical Science, 2021, 12, 11810-11820.	3.7	12
7	Antitumor Effect of Organometallic Half-Sandwich Ru(II)â€“Arene Complexes Bearing a Glutathione S-Transferase Inhibitor. Inorganic Chemistry, 2021, 60, 13051-13061.	1.9	15
8	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. ACS Applied Bio Materials, 2020, 3, 252-262.	2.3	31
9	DNAâ€Targeting Ru^{II}â€Polypyridyl Complex with a Longâ€Lived Intraligand Excited State as a Potential Photodynamic Therapy Agent. Chemistry - A European Journal, 2020, 26, 17495-17503.	1.7	10
10	Design of a Tris-Heteroleptic Ru(II) Complex with Red-Light Excitation and Remarkably Improved Photobiological Activity. Inorganic Chemistry, 2020, 59, 11193-11204.	1.9	26
11	Bifunctional ruthenium(<scp>ii</scp>) polypyridyl complexes of curcumin as potential anticancer agents. Dalton Transactions, 2020, 49, 9454-9463.	1.6	24
12	Iridium(III) Complexâ€“Derived Polymeric Micelles with Low Dark Toxicity and Strong NIR Excitation for Phototherapy and Chemotherapy. Small, 2020, 16, e2000363.	5.2	47
13	Insight into the antitumor actions of sterically hindered platinum(ii) complexes by a combination of STD NMR and LCMS techniques. Metallomics, 2020, 12, 427-434.	1.0	3
14	A naphthalimide derivative can release COS and form H₂S in a light-controlled manner and protect cells against ROS with real-time monitoring ability. Analyst, The, 2020, 145, 3878-3884.	1.7	10
15	Dinuclear Organoruthenium Complexes Exhibiting Antiproliferative Activity through DNA Damage and a Reactive-Oxygen-Species-Mediated Endoplasmic Reticulum Stress Pathway. Inorganic Chemistry, 2019, 58, 2208-2217.	1.9	46
16	Light-activated ruthenium (II)-bicalutamide prodrugs for prostate cancer. Journal of Inorganic Biochemistry, 2019, 196, 110684.	1.5	19
17	A lysosome specific theranostic NO donor inhibits cancer cells by stimuli responsive molecular self-decomposition with an on-demand fluorescence pattern. Analyst, The, 2019, 144, 6681-6688.	1.7	4
18	Construction of Dual Stimuli-Responsive Platinum(IV) Hybrids with NQO1 Targeting Ability and Overcoming Cisplatin Resistance. Inorganic Chemistry, 2019, 58, 2191-2200.	1.9	45

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19	Theranostic Pt(IV) Conjugate with Target Selectivity for Androgen Receptor. Inorganic Chemistry, 2018, 57, 5019-5029.	1.9	20
20	DN604: A platinum(II) drug candidate with classic SAR can induce apoptosis via suppressing CK2-mediated p-cdc25C subcellular localization in cancer cells. Experimental Cell Research, 2018, 364, 68-83.	1.2	4
21	Anticancer Activity of Bifunctional Organometallic Ru(II) Arene Complexes Containing a 7-Hydroxycoumarin Group. Organometallics, 2018, 37, 441-447.	1.1	47
22	A study on platinum(<scp>iv</scp>) species containing an estrogen receptor modulator to reverse tamoxifen resistance of breast cancer. Metallomics, 2018, 10, 346-359.	1.0	14
23	Combination of 7-hydroxycoumarin in a platinum(IV) complex derived from cisplatin enhanced cytotoxicity with multiple mechanisms of action. Journal of Inorganic Biochemistry, 2018, 186, 17-23.	1.5	12
24	Hypoxia-Targeting Organometallic Ru(II)â€“Arene Complexes with Enhanced Anticancer Activity in Hypoxic Cancer Cells. Inorganic Chemistry, 2018, 57, 8396-8403.	1.9	35
25	Novel hypoxia-targeting Pt(<scp>iv</scp>) prodrugs. Chemical Communications, 2017, 53, 3749-3752.	2.2	42
26	Design, synthesis and biological evaluation of demethylcantharidate-linked platinum(II) complexes of N-monoalkyl-1R,2R-diaminocyclohexane derivatives. Inorganica Chimica Acta, 2017, 462, 188-194.	1.2	4
27	Bifunctional Platinum(<scp>II</scp>) Complexes with Bisphosphonates Substituted Diamine Derivatives: Synthesis and In vitro Cytotoxicity. Chemistry and Biodiversity, 2017, 14, e1700348.	1.0	11
28	Biotinylated platinum(IV) complexes designed to target cancer cells. Journal of Inorganic Biochemistry, 2017, 176, 175-180.	1.5	38
29	Exploring the Hydrolytic Behavior of the Platinum(IV) Complexes with Axial Acetato Ligands. Inorganic Chemistry, 2017, 56, 9851-9859.	1.9	21
30	Improve the anticancer potency of the platinum(II) complexes through functionalized leaving group. Journal of Inorganic Biochemistry, 2017, 175, 20-28.	1.5	12
31	Oxidative DNA double strand breaks and autophagy in the antitumor effect of sterically hindered platinum(II) complexes in NSCLCs. Oncotarget, 2017, 8, 30933-30955.	0.8	4
32	Oleanolic acid-NO donor-platinum(II) trihybrid molecules: Targeting cytotoxicity on hepatoma cells with combined action mode and good safety. Bioorganic and Medicinal Chemistry, 2016, 24, 4611-4619.	1.4	21
33	Combining a Ru(<scp>ii</scp>)-arene complex with a NO-releasing nitrate-ester ligand generates cytotoxic activity. Dalton Transactions, 2016, 45, 18079-18083.	1.6	4
34	Study on Antitumor Platinum(II) Complexes of Chiral Diamines with Dicyclic Species as Steric Hindrance. Journal of Medicinal Chemistry, 2015, 58, 6368-6377.	2.9	49
35	Cytotoxicity profile of novel sterically hindered platinum(II) complexes with (1R,2R)-N1,N2-dibutyl-1,2-diaminocyclohexane. European Journal of Medicinal Chemistry, 2015, 96, 187-195.	2.6	25
36	Antitumor platinum(II) complexes of N-cyclobutyl-1R,2R-diaminocyclohexane with dicarboxylates as leaving groups. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 221-224.	1.0	12

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37	Potent Anticancer Activity and Possible Low Toxicity of Platinum(II) Complexes with Functionalized 1,1â€Cyclobutanedicarboxylate as a Leaving Ligand. Chemistry - A European Journal, 2014, 20, 15216-15225.	1.7	34
38	Synthesis and antiproliferative activity of (1R,2R)-N¹-(2-butyl)-1,2-cyclohexanediamine platinum(II) complexes with malonate derivatives. Journal of Coordination Chemistry, 2014, 67, 2858-2866.	0.8	13
39	Antitumor platinum(II) complexes of N-monoalkyl 1R,2R-diamino-cyclohexanes with 3-(nitrooxy)cyclobutane-1,1-dicarboxylate as a leaving group. European Journal of Medicinal Chemistry, 2014, 85, 408-417.	2.6	11
40	Synthesis and biological evaluation of mixed ammine/amine platinum(II) complexes with dicarboxylate containing organic nitrate as ligand. Inorganica Chimica Acta, 2014, 409, 310-314.	1.2	3
41	Anticancer Potency of Platinum(II) Complexes Containing Both Chloride Anion and Chelated Carboxylate as Leaving Groups. Inorganic Chemistry, 2013, 52, 8163-8170.	1.9	30
42	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. European Journal of Medicinal Chemistry, 2013, 69, 842-847.	2.6	19
43	Nitric Oxide Donorâ€Based Platinum Complexes as Potential Anticancer Agents. Chemistry - A European Journal, 2012, 18, 14276-14281.	1.7	38
44	Antitumor Platinum(II) Complexes Containing Platinum-Based Moieties of Present Platinum Drugs and Furoxan Groups as Nitric Oxide Donors: Synthesis, DNA Interaction, and Cytotoxicity. Inorganic Chemistry, 2012, 51, 10317-10324.	1.9	57
45	Design, synthesis and in vitro cytotoxicity of novel dinuclear platinum(II) complexes. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1763-1766.	1.0	16
46	Prasugrel, a new medicine for preventing blockages in the arteries. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1354-o1354.	0.2	4
47	Isostructural zinc (II) and cadmium (II) coordination complexes with 4-pyridin-4-yl-pyrimidine-2-sulfonate: Structure and fluorescent properties. Journal of Molecular Structure, 2009, 928, 95-98.	1.8	5
48	Different crystal structures and luminescent properties of zinc and cadmium coordination polymers constructed from two flexible thioether ligands with different alkyl chains. Polyhedron, 2009, 28, 1040-1048.	1.0	22