

Cai-Ping Tan

List of Publications by Year in descending order

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74
papers

9,241
citations

76196
40
h-index

71532
76
g-index

77
all docs

77
docs citations

77
times ranked

18156
citing authors

#	ARTICLE	IF	CITATIONS
1	Anion-Responsive Manganese Porphyrin Facilitates Chloride Transport and Induces Immunogenic Cell Death. <i>CCS Chemistry</i> , 2022, 4, 2409-2419.	4.6	8
2	Real-time tracking of ER turnover during ERLAD by a rhenium complex via lifetime imaging. <i>National Science Review</i> , 2022, 9, .	4.6	8
3	A Nuclear-Targeted AIE Photosensitizer for Enzyme Inhibition and Photosensitization in Cancer Cell Ablation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	43
4	A Nuclear-Targeted AIE Photosensitizer for Enzyme Inhibition and Photosensitization in Cancer Cell Ablation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
5	Ferroptosis-Enhanced Cancer Immunity by a Ferrocene-Appended Iridium(III) Diphosphine Complex. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	13
6	Ferroptosis-Enhanced Cancer Immunity by a Ferrocene-Appended Iridium(III) Diphosphine Complex. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	78
7	Rising Interest in the Development of Metal Complexes in Cancer Immunotherapy. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	14
8	Regulating Tumor 6^{th} -Methyladenosine Methylation Landscape using Hypoxia-Modulating OsS _x Nanoparticles. <i>Small</i> , 2021, 17, e2005086.	5.2	16
9	Phosphorescent metal complexes as theranostic anticancer agents: combining imaging and therapy in a single molecule. <i>Chemical Science</i> , 2021, 12, 2357-2367.	3.7	79
10	Mitochondria-targeted cyclometalated rhodium(III) complexes: synthesis, characterization and anticancer research. <i>Dalton Transactions</i> , 2021, 50, 9068-9075.	1.6	15
11	Mitochondrial targeted rhodium(III) complexes: Synthesis, characterized and antitumor mechanism investigation. <i>Journal of Inorganic Biochemistry</i> , 2021, 218, 111400.	1.5	10
12	A Polarity-Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. <i>Angewandte Chemie</i> , 2021, 133, 15222-15227.	1.6	11
13	A Polarity-Sensitive Ratiometric Fluorescence Probe for Monitoring Changes in Lipid Droplets and Nucleus during Ferroptosis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15095-15100.	7.2	182
14	Acidity-responsive phosphorescent metal complexes for cancer imaging and theranostic applications. <i>Journal of Organometallic Chemistry</i> , 2021, 943, 121821.	0.8	2
15	Induction and Monitoring of DNA Phase Separation in Living Cells by a Light-Switching Ruthenium Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 11370-11381.	6.6	19
16	A Continuous Addition Probe Reveals the Nonlinear Enlargement of Mitochondria in Light-Activated Oncosis. <i>Advanced Science</i> , 2021, 8, e2004566.	5.6	22
17	Inhibition of A β peptide aggregation by ruthenium(II) polypyridyl complexes through copper chelation. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111591.	1.5	8
18	Quantitative tracking of endoplasmic reticulum viscosity during ferroptosis by an iridium complex via TPPLM. <i>Chemical Communications</i> , 2021, 57, 5040-5042.	2.2	27

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19	A Tailored Multifunctional Anticancer Nanodelivery System for Ruthenium-Based Photosensitizers: Tumor Microenvironment Adaption and Remodeling. <i>Advanced Science</i> , 2020, 7, 1901992.	5.6	68
20	Recoding the Cancer Epigenome by Intervening in Metabolism and Iron Homeostasis with Mitochondria-Targeted Rhenium(I) Complexes. <i>Angewandte Chemie</i> , 2020, 132, 18914-18921.	1.6	5
21	Mitochondria-targeting monofunctional platinum(II)-lonidamine conjugates for cancer cell de-energization. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4010-4019.	3.0	25
22	Multi-action Platinum(IV) Prodrug Containing Thymidylate Synthase Inhibitor and Metabolic Modifier against Triple-Negative Breast Cancer. <i>Inorganic Chemistry</i> , 2020, 59, 12632-12642.	1.9	23
23	Recoding the Cancer Epigenome by Intervening in Metabolism and Iron Homeostasis with Mitochondria-Targeted Rhenium(I) Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18755-18762.	7.2	56
24	Biological evaluation of non-basic chalcone CYB-2 as a dual ABCG2/ABCB1 inhibitor. <i>Biochemical Pharmacology</i> , 2020, 175, 113848.	2.0	21
25	Charge-driven tripod somersault on DNA for ratiometric fluorescence imaging of small molecules in the nucleus. <i>Chemical Science</i> , 2019, 10, 10053-10064.	3.7	33
26	Nucleus-localized platinum(II)-triphenylamine complexes as potent photodynamic anticancer agents. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2817-2823.	3.0	13
27	Monitoring mitochondrial viscosity with anticancer phosphorescent Ir(III) complexes via two-photon lifetime imaging. <i>Chemical Science</i> , 2019, 10, 1285-1293.	3.7	120
28	Inhibition of autophagic flux by cyclometalated iridium(III) complexes through anion transportation. <i>Chemical Science</i> , 2019, 10, 3315-3323.	3.7	46
29	Benzoyl indoles with metabolic stability as reversal agents for ABCG2-mediated multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 849-862.	2.6	28
30	Mitochondria-Accumulating Rhenium(I) Tricarbonyl Complexes Induce Cell Death via Irreversible Oxidative Stress and Glutathione Metabolism Disturbance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13123-13133.	4.0	51
31	Anticancer Ir(III)-Aspirin Conjugates for Enhanced Metabolic Immuno-Modulation and Mitochondrial Lifetime Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 7012-7022.	1.7	24
32	Impairment of the autophagy-related lysosomal degradation pathway by an anticancer rhenium(I) complex. <i>Dalton Transactions</i> , 2019, 48, 4398-4404.	1.6	56
33	Anticancer Cyclometalated Iridium(III) Complexes with Planar Ligands: Mitochondrial DNA Damage and Metabolism Disturbance. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3311-3322.	2.9	95
34	Multifunctional mesoporous silica nanoparticles as efficient transporters of doxorubicin and chlorin e6 for chemo-photodynamic combinatorial cancer therapy. <i>Journal of Biomaterials Applications</i> , 2018, 32, 1253-1264.	1.2	28
35	Lipophilic phosphorescent iridium(III) complexes as one- and two-photon selective bioprobes for lipid droplets imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 313-325.	4.0	30
36	Cyclometalated iridium(III) complexes induce mitochondria-derived paraptotic cell death and inhibit tumor growth <i>in vivo</i> . <i>Dalton Transactions</i> , 2018, 47, 6942-6953.	1.6	88

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37	Folate receptor-targeted theranostic Ir ^{III} nanoparticles for multimodal imaging-guided combined chemo-photothermal therapy. <i>Nanoscale</i> , 2018, 10, 22252-22262.	2.8	26
38	Photodamaging of Mitochondrial DNA to Overcome Cisplatin Resistance by a Ru ^{II} -Pt ^{II} Bimetallic Complex. <i>Chemistry - A European Journal</i> , 2018, 24, 18971-18980.	1.7	35
39	Delivery of Phosphorescent Anticancer Iridium(III) Complexes by Polydopamine Nanoparticles for Targeted Combined Photothermal Chemotherapy and Thermal/Photoacoustic/Lifetime Imaging. <i>Advanced Science</i> , 2018, 5, 1800581.	5.6	100
40	Graphene Oxide Decorated with Ru(II)-Polyethylene Glycol Complex for Lysosome-Targeted Imaging and Photodynamic/Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6761-6771.	4.0	154
41	Light-Up Mitophagy in Live Cells with Dual-Functional Theranostic Phosphorescent Iridium(III) Complexes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13304-13314.	4.0	81
42	Valproic Acid-Functionalized Cyclometalated Iridium(III) Complexes as Mitochondria-Targeting Anticancer Agents. <i>Chemistry - A European Journal</i> , 2017, 23, 15166-15176.	1.7	44
43	Iridium(III) complexes with five-membered heterocyclic ligands for combined photodynamic therapy and photoactivated chemotherapy. <i>Dalton Transactions</i> , 2017, 46, 13482-13491.	1.6	32
44	Mixed-ligand iridium(III) complexes as photodynamic anticancer agents. <i>Dalton Transactions</i> , 2017, 46, 11395-11407.	1.6	56
45	Dual Functions of Cyclometalated Iridium(III) Complexes: Anti-Metastasis and Lysosome-Damaged Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42471-42481.	4.0	110
46	Ruthenium complex-modified carbon nanodots for lysosome-targeted one- and two-photon imaging and photodynamic therapy. <i>Nanoscale</i> , 2017, 9, 18966-18976.	2.8	56
47	Targeting cancer cell metabolism with mitochondria-immobilized phosphorescent cyclometalated iridium(III) complexes. <i>Chemical Science</i> , 2017, 8, 631-640.	3.7	166
48	Tumor-targeted supramolecular nanoparticles self-assembled from a ruthenium- β -cyclodextrin complex and an adamantane-functionalized peptide. <i>Chemical Communications</i> , 2017, 53, 842-845.	2.2	34
49	Mono- and Dinuclear Phosphorescent Rhenium(I) Complexes: Impact of Subcellular Localization on Anticancer Mechanisms. <i>Chemistry - A European Journal</i> , 2016, 22, 7800-7809.	1.7	87
50	Ester-Modified Cyclometalated Iridium(III) Complexes as Mitochondria-Targeting Anticancer Agents. <i>Scientific Reports</i> , 2016, 6, 38954.	1.6	42
51	Co-Delivery of Cisplatin Prodrug and Chlorin e6 by Mesoporous Silica Nanoparticles for Chemo-Photodynamic Combination Therapy to Combat Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13332-13340.	4.0	167
52	Coumarin-appended phosphorescent cyclometalated iridium(III) complexes as mitochondria-targeted theranostic anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 13042-13051.	1.6	77
53	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
54	Cyclometalated iridium(III) complexes as lysosome-targeted photodynamic anticancer and real-time tracking agents. <i>Chemical Science</i> , 2015, 6, 5409-5418.	3.7	300

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55	Reversal of multidrug resistance in MCF-7/Adr cells by codelivery of doxorubicin and BCL2 siRNA using a folic acid-conjugated polyethylenimine hydroxypropyl- β -cyclodextrin nanocarrier. <i>International Journal of Nanomedicine</i> , 2015, 10, 3147.	3.3	58
56	A phosphorescent rhenium(I) histone deacetylase inhibitor: mitochondrial targeting and paraptosis induction. <i>Chemical Communications</i> , 2015, 51, 8353-8356.	2.2	49
57	Supramolecular self-assembled nanoparticles for chemo-photodynamic dual therapy against cisplatin resistant cancer cells. <i>Chemical Communications</i> , 2015, 51, 1807-1810.	2.2	63
58	Phosphorescent iridium(III)-bis-N-heterocyclic carbene complexes as mitochondria-targeted theranostic and photodynamic anticancer agents. <i>Biomaterials</i> , 2015, 39, 95-104.	5.7	230
59	Cyclometalated iridium(III)- β -carbolone complexes as potent autophagy-inducing agents. <i>Chemical Communications</i> , 2014, 50, 5611.	2.2	59
60	Enhanced anti-cancer efficacy to cancer cells by doxorubicin loaded water-soluble amino acid-modified β -cyclodextrin platinum complexes. <i>Journal of Inorganic Biochemistry</i> , 2014, 137, 31-39.	1.5	10
61	Theranostic Iridium(III) Complexes as One- and Two-Photon Phosphorescent Trackers to Monitor Autophagic Lysosomes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12137-12141.	7.2	172
62	Cyclometalated Ir(III) complexes as targeted theranostic anticancer therapeutics: combining HDAC inhibition with photodynamic therapy. <i>Chemical Communications</i> , 2014, 50, 10945.	2.2	114
63	Antitumor properties and mechanisms of mitochondria-targeted Ag(I) and Au(I) complexes containing N-heterocyclic carbenes derived from cyclophanes. <i>Metallomics</i> , 2014, 6, 1460.	1.0	69
64	Metallomics insights into the programmed cell death induced by metal-based anticancer compounds. <i>Metallomics</i> , 2014, 6, 978.	1.0	95
65	Histone Deacetylase Targeted Fluorescent Ruthenium(II) Polypyridyl Complexes as Potent Anticancer Agents. <i>Chemistry - A European Journal</i> , 2013, 19, 10160-10169.	1.7	69
66	Ruthenium- β -Carbolone Complexes as Potent Inhibitors of Cyclin-Dependent Kinase...1: Synthesis, Characterization and Anticancer Mechanism Studies. <i>Chemistry - A European Journal</i> , 2013, 19, 12152-12160.	1.7	63
67	Pt(II) squares as selective and effective human telomeric G-quadruplex binders and potential cancer therapeutics. <i>Dalton Transactions</i> , 2012, 41, 11807.	1.6	46
68	Multifunctional QD-based co-delivery of siRNA and doxorubicin to HeLa cells for reversal of multidrug resistance and real-time tracking. <i>Biomaterials</i> , 2012, 33, 2780-2790.	5.7	168
69	Targeted Cellular Uptake and siRNA Silencing by Quantum Dot Nanoparticles Coated with β -Cyclodextrin Coupled to Amino Acids. <i>Chemistry - A European Journal</i> , 2011, 17, 5171-5179.	1.7	39
70	Multifunctional quantum-dot-based siRNA delivery for HPV18 E6 gene silencing and intracellular imaging. <i>Biomaterials</i> , 2011, 32, 7978-7987.	5.7	93
71	Synthesis, characterization, DNA-binding and spectral properties of complexes $[\text{Ru}(\text{L})_4(\text{dppz})]^{2+}$ (L=Im) Tj ETQq1 1,0,784314 rgBT /Ove	1.5	118
72	In vitro and in vivo investigations on the antiviral activity of a series of mixed-valence rare earth borotungstate heteropoly blues. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1963-1970.	2.6	16

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73	Synthesis, characterization and antiviral activity against influenza virus of a series of novel manganese-substituted rare earth borotungstates heteropolyoxometalates. Antiviral Research, 2004, 62, 65-71.	1.9	46
74	Title is missing!. Transition Metal Chemistry, 2003, 28, 500-505.	0.7	6