

Pingyu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

4,348
citations

136740

32
h-index

138251

58
g-index

61
all docs

61
docs citations

61
times ranked

5164
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stable single Pt atomic sites anchored on aniline-stacked graphene for hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2019, 12, 1000-1007.	15.6	392
2	Highly Charged Ruthenium(II) Polypyridyl Complexes as Lysosome-Localized Photosensitizers for Two-Photon Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14049-14052.	7.2	368
3	Advances in the design of organometallic anticancer complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 839, 5-14.	0.8	298
4	Targeted photoredox catalysis in cancer cells. <i>Nature Chemistry</i> , 2019, 11, 1041-1048.	6.6	293
5	New Designs for Phototherapeutic Transition Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 61-73.	7.2	257
6	Ruthenium(II) polypyridyl complexes as mitochondria-targeted two-photon photodynamic anticancer agents. <i>Biomaterials</i> , 2015, 56, 140-153.	5.7	227
7	Targeting Nucleus DNA with a Cyclometalated Dipyrrophenazineruthenium(II) Complex. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8971-8983.	2.9	207
8	Redox-Active Metal Complexes for Anticancer Therapy. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1541-1548.	1.0	182
9	Noncovalent Ruthenium(II) Complexes@Single-Walled Carbon Nanotube Composites for Bimodal Photothermal and Photodynamic Therapy with Near-Infrared Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23278-23290.	4.0	140
10	Nucleus-Targeted Organoiridium-Albumin Conjugate for Photodynamic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2350-2354.	7.2	134
11	A mitochondrial targeted two-photon iridium(III) phosphorescent probe for selective detection of hypochlorite in live cells and in vivo. <i>Biomaterials</i> , 2015, 53, 285-295.	5.7	117
12	Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14898-14902.	7.2	101
13	Combatting AMR: photoactivatable ruthenium(II)-isoniazid complex exhibits rapid selective antimycobacterial activity. <i>Chemical Science</i> , 2017, 8, 395-404.	3.7	99
14	In vitro and In vivo Photocatalytic Cancer Therapy with Biocompatible Iridium(III) Photocatalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9474-9479.	7.2	89
15	A Dinuclear Ruthenium(II) Complex as a One- and Two-Photon Luminescent Probe for Biological Cu ²⁺ Detection. <i>Chemistry - A European Journal</i> , 2013, 19, 15494-15503.	1.7	78
16	A highly potent ruthenium(II)-sonosensitizer and sonocatalyst for in vivo sonotherapy. <i>Nature Communications</i> , 2021, 12, 5001.	5.8	78
17	Ruthenium(II) anthraquinone complexes as two-photon luminescent probes for cycling hypoxia imaging in vivo. <i>Biomaterials</i> , 2015, 53, 522-531.	5.7	76
18	Future potential of osmium complexes as anticancer drug candidates, photosensitizers and organelle-targeted probes. <i>Dalton Transactions</i> , 2018, 47, 14841-14854.	1.6	74

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19	Real-time tracking mitochondrial dynamic remodeling with two-photon phosphorescent iridium (III) complexes. <i>Biomaterials</i> , 2016, 83, 321-331.	5.7	66
20	Unexpected high photothermal conversion efficiency of gold nanospheres upon grafting with two-photon luminescent ruthenium(II) complexes: A way towards cancer therapy?. <i>Biomaterials</i> , 2015, 63, 102-114.	5.7	56
21	Synthesis, characterization and biological evaluation of mixed-ligand ruthenium(II) complexes for photodynamic therapy. <i>Dalton Transactions</i> , 2015, 44, 17335-17345.	1.6	53
22	New Designs for Phototherapeutic Transition Metal Complexes. <i>Angewandte Chemie</i> , 2020, 132, 61-73.	1.6	53
23	An osmium-peroxo complex for photoactive therapy of hypoxic tumors. <i>Nature Communications</i> , 2022, 13, 2245.	5.8	53
24	A NIR phosphorescent osmium(II) complex as a lysosome tracking reagent and photodynamic therapeutic agent. <i>Chemical Communications</i> , 2017, 53, 12341-12344.	2.2	52
25	Recent advances in endoplasmic reticulum targeting metal complexes. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213178.	9.5	50
26	Mitochondria-targeted spin-labelled luminescent iridium anticancer complexes. <i>Chemical Science</i> , 2017, 8, 8271-8278.	3.7	46
27	Chirality in metal-based anticancer agents. <i>Dalton Transactions</i> , 2018, 47, 4017-4026.	1.6	43
28	Synthesis, characterization and biological evaluation of labile intercalative ruthenium(II) complexes for anticancer drug screening. <i>Dalton Transactions</i> , 2016, 45, 13135-13145.	1.6	42
29	Water-Soluble Iridium-Porphyrin Complex for Non-invasive Sonodynamic and Sono-oxidation Therapy of Deep Tumors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27934-27944.	4.0	39
30	Chiral ruthenium(II) complexes with phenolic hydroxyl groups as dual poisons of topoisomerases I and III β . <i>Dalton Transactions</i> , 2013, 42, 8907.	1.6	38
31	RuNH ₂ @AuNPs as two-photon luminescent probes for thiols in living cells and tissues. <i>Biomaterials</i> , 2014, 35, 9003-9011.	5.7	37
32	Construction of tetrahedral CoO ₄ vacancies for activating the high oxygen evolution activity of Co ₃ xO ₄ porous nanosheet arrays. <i>Nanoscale</i> , 2020, 12, 11079-11087.	2.8	35
33	Mitochondrial Dynamics Tracking with Two-Photon Phosphorescent Terpyridyl Iridium(III) Complexes. <i>Scientific Reports</i> , 2016, 6, 20887.	1.6	31
34	A viscosity-sensitive iridium(III) probe for lysosomal microviscosity quantification and blood viscosity detection in diabetic mice. <i>Dalton Transactions</i> , 2019, 48, 3990-3997.	1.6	25
35	A dendritic nano-sized hexanuclear ruthenium(II) complex as a one- and two-photon luminescent tracking non-viral gene vector. <i>Scientific Reports</i> , 2015, 5, 10707.	1.6	24
36	In vitro and In vivo Photocatalytic Cancer Therapy with Biocompatible Iridium(III) Photocatalysts. <i>Angewandte Chemie</i> , 2021, 133, 9560-9565.	1.6	24

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37	“Turn off-on”-phosphorescent sensor for biothiols based on a Ru-Cu ensemble. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 283-289.	4.0	22
38	Design of ruthenium-albumin hydrogel for cancer therapeutics and luminescent imaging. <i>Journal of Inorganic Biochemistry</i> , 2019, 194, 19-25.	1.5	22
39	An ultrasound activated cyanine-rhenium(ⁱ) complex for sonodynamic and gas synergistic therapy. <i>Chemical Communications</i> , 2022, 58, 3314-3317.	2.2	22
40	Nucleus-targeted organoiridium(III)-albumin conjugate for photoactivated cancer therapy. <i>Angewandte Chemie</i> , 2018, 131, 2372.	1.6	20
41	Near-Infrared Luminescent Osmium(II) Complexes with an Intrinsic RNA-Targeting Capability for Nucleolus Imaging in Living Cells. <i>ACS Applied Bio Materials</i> , 2018, 1, 1587-1593.	2.3	18
42	Enhancing the photothermal stability and photothermal efficacy of AuNRs and AuNTs by grafting with Ru(ⁱⁱ) complexes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 671-678.	2.9	17
43	Isomeric Ir(ⁱⁱⁱ) complexes for tracking mitochondrial pH fluctuations and inducing mitochondrial dysfunction during photodynamic therapy. <i>Dalton Transactions</i> , 2019, 48, 17200-17209.	1.6	16
44	Sulfur-coordinated Organoiridium(III) Complexes Exert Breast Anticancer Activity via Inhibition of Wnt/ β -Catenin Signaling. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4841-4848.	7.2	16
45	Sonodynamic cancer therapy by novel iridium-gold nanoassemblies. <i>Chinese Chemical Letters</i> , 2022, 33, 1907-1912.	4.8	16
46	Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells. <i>Angewandte Chemie</i> , 2017, 129, 15094-15098.	1.6	15
47	A novel iridium(ⁱⁱⁱ) complex for sensitive HSA phosphorescence staining in proteome research. <i>Chemical Communications</i> , 2018, 54, 3282-3285.	2.2	14
48	Near-infrared phosphorescent terpyridine osmium(ⁱⁱ) photosensitizer complexes for photodynamic and photooxidation therapy. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4020-4027.	3.0	13
49	A phosphorescent iridium probe for sensing polarity in the endoplasmic reticulum and <i>in vivo</i> . <i>Dalton Transactions</i> , 2019, 48, 7728-7734.	1.6	11
50	Highly Efficient Ir(III)-Coumarin Photo-Redox Catalyst for Synergetic Multi-Mode Cancer Photo-Therapy. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	11
51	Microenvironment-sensitive iridium(ⁱⁱⁱ) complexes for disease theranostics. <i>Dalton Transactions</i> , 2020, 49, 9182-9190.	1.6	9
52	Diatom-like silica-protein nanocomposites for sustained drug delivery of ruthenium polypyridyl complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 221, 111489.	1.5	9
53	Sono-ReCORMs for synergetic sonodynamic-gas therapy of hypoxic tumor. <i>Chinese Chemical Letters</i> , 2023, 34, 107653.	4.8	7
54	Synthesis, characterisation and dynamic behavior of photoactive bipyridyl ruthenium(II)-nicotinamide complexes. <i>Inorganica Chimica Acta</i> , 2017, 454, 240-246.	1.2	6

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55	Sulfur-coordinated Organoiridium(III) Complexes Exert Breast Anticancer Activity via Inhibition of Wnt/ β -Catenin Signaling. <i>Angewandte Chemie</i> , 2021, 133, 4891-4898.	1.6	5
56	A HCBP1 peptide conjugated ruthenium complex for targeted therapy of hepatoma. <i>Dalton Transactions</i> , 2020, 49, 972-976.	1.6	4
57	Iridium photosensitizer constructed liposomes with hypoxia-activated prodrug to destrust hepatocellular carcinoma. <i>Chinese Chemical Letters</i> , 2023, 34, 107666.	4.8	3
58	Innentitelbild: Organoiridium Photosensitizer Induce Specific Oxidative Attack on Proteins within Cancer Cells (<i>Angew. Chem.</i> 47/2017). <i>Angewandte Chemie</i> , 2017, 129, 14968-14968.	1.6	0