

Thomas W Rees

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,355
citations

172207

29
h-index

214527

47
g-index

55
all docs

55
docs citations

55
times ranked

2441
citing authors

#	ARTICLE	IF	CITATIONS
1	Organelle-targeting metal complexes: From molecular design to bio-applications. <i>Coordination Chemistry Reviews</i> , 2019, 378, 66-86.	9.5	210
2	Harnessing ruthenium(II) as photodynamic agents: Encouraging advances in cancer therapy. <i>Coordination Chemistry Reviews</i> , 2018, 363, 17-28.	9.5	158
3	Heterometallic Ru–Pt metallacycle for two-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5664-5669.	3.3	145
4	An ER-targeting Iridium(III) Complex That Induces Immunogenic Cell Death in Non-small Cell Lung Cancer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4657-4665.	7.2	144
5	A self-assembled Ru–Pt metallacycle as a lysosome-targeting photosensitizer for 2-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20296-20302.	3.3	113
6	A mitochondria-targeting magnetothermogenic nanozyme for magnet-induced synergistic cancer therapy. <i>Biomaterials</i> , 2020, 251, 120079.	5.7	106
7	A Mitochondria-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20697-20703.	7.2	99
8	Oncosis-inducing cyclometalated iridium(III) complexes. <i>Chemical Science</i> , 2018, 9, 5183-5190.	3.7	95
9	An Ultrasmall RuO ₂ Nanozyme Exhibiting Multienzyme-like Activity for the Prevention of Acute Kidney Injury. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31205-31216.	4.0	70
10	Recent advances in ruthenium(II) and iridium(III) complexes containing nanosystems for cancer treatment and bioimaging. <i>Coordination Chemistry Reviews</i> , 2021, 443, 214016.	9.5	68
11	Oxygen self-sufficient photodynamic therapy. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213714.	9.5	66
12	Rational Design of Cyclometalated Iridium(III) Complexes for Three-Photon Phosphorescence Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15987-15991.	7.2	65
13	Fluorine-free blue-green emitters for light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5793-5804.	2.7	60
14	Ruthenium(II) complexes coordinated to graphitic carbon nitride: Oxygen self-sufficient photosensitizers which produce multiple ROS for photodynamic therapy in hypoxia. <i>Biomaterials</i> , 2021, 276, 121064.	5.7	56
15	Ferrilridium: A Lysosome-targeting Iron(III)-Activated Iridium(III) Prodrug for Chemotherapy in Gastric Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3315-3321.	7.2	54
16	A mitochondria-targeting hetero-binuclear Ir–Pt complex induces necrosis in cisplatin-resistant tumor cells. <i>Chemical Communications</i> , 2018, 54, 6268-6271.	2.2	51
17	A mitochondria-targeting dinuclear Ir–Ru complex as a synergistic photoactivated chemotherapy and photodynamic therapy agent against cisplatin-resistant tumour cells. <i>Chemical Communications</i> , 2019, 55, 12547-12550.	2.2	49
18	Mitochondrial dynamics tracking with iridium(III) complexes. <i>Current Opinion in Chemical Biology</i> , 2018, 43, 51-57.	2.8	47

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19	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16631-16637.	7.2	47
20	Lysosome-Targeting Iridium(III) Probe with Near-Infrared Emission for the Visualization of NO/O ₂ Crosstalk via In Vivo Peroxynitrite Imaging. <i>Analytical Chemistry</i> , 2020, 92, 6003-6009.	3.2	46
21	Recent advances in lysosome-targeting luminescent transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113010.	9.5	45
22	A biotinylated ruthenium(II) photosensitizer for tumor-targeted two-photon photodynamic therapy. <i>Chemical Communications</i> , 2019, 55, 10972-10975.	2.2	42
23	Blue-emitting cationic iridium(III) complexes featuring pyridylpyrimidine ligands and their use in sky-blue electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9638-9650.	2.7	39
24	A mitochondria-targeting photothermogenic nanozyme for MRI-guided mild photothermal therapy. <i>Chemical Communications</i> , 2018, 54, 14108-14111.	2.2	39
25	Tracking mitochondrial pH fluctuation during cell apoptosis with two-photon phosphorescent iridium(III) complexes. <i>Chemical Communications</i> , 2018, 54, 2421-2424.	2.2	35
26	Mitochondria-targeting cyclometalated iridium(III) complexes for tumor hypoxic imaging and therapy. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1003-1010.	3.0	35
27	Bimodal Visualization of Endogenous Nitric Oxide in Lysosomes with a Two-Photon Iridium(III) Phosphorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 10266-10272.	3.2	32
28	Fabrication of red blood cell membrane-camouflaged Cu ₂ Se nanoparticles for phototherapy in the second near-infrared window. <i>Chemical Communications</i> , 2019, 55, 6523-6526.	2.2	31
29	Nucleus-targeting ultrasmall ruthenium(IV) oxide nanoparticles for photoacoustic imaging and low-temperature photothermal therapy in the NIR-II window. <i>Chemical Communications</i> , 2020, 56, 3019-3022.	2.2	30
30	An ER-Targeting Iridium(III) Complex That Induces Immunogenic Cell Death in Non-Small Cell Lung Cancer. <i>Angewandte Chemie</i> , 2021, 133, 4707-4715.	1.6	28
31	The stepwise photodamage of organelles by two-photon luminescent ruthenium(II) photosensitizers. <i>Chemical Communications</i> , 2019, 55, 11235-11238.	2.2	24
32	Supramolecular Assembly of An Organoplatinum(II) Complex with Ratiometric Dual Emission for Two-Photon Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4150-4157.	7.2	24
33	Mitochondria-targeted Ir@AuNRs as bifunctional therapeutic agents for hypoxia imaging and photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 10273-10276.	2.2	23
34	Metal complexes for mitochondrial bioimaging. <i>Journal of Inorganic Biochemistry</i> , 2020, 204, 110985.	1.5	21
35	Ruthenium complexes with tridentate ligands for dye-sensitized solar cells. <i>Polyhedron</i> , 2014, 82, 37-49.	1.0	18
36	A Mitochondria-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 20878-20884.	1.6	16

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37	Nano-assembly of ruthenium(<i>II</i>) photosensitizers for endogenous glutathione depletion and enhanced two-photon photodynamic therapy. <i>Nanoscale</i> , 2021, 13, 7590-7599.	2.8	16
38	DNA interaction of ruthenium(<i>II</i>) complexes with imidazo[4,5- <i>f</i>][1,10]phenanthroline derivatives. <i>Dalton Transactions</i> , 2019, 48, 3914-3921.	1.6	14
39	Rational Design of Cyclometalated Iridium(III) Complexes for Three-Photon Phosphorescence Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 16121-16125.	1.6	14
40	Ferrilridium: A Lysosome-Targeting Iron(III)-Activated Iridium(III) Prodrug for Chemotherapy in Gastric Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 3341-3347.	1.6	12
41	Organelle-targeting metal anticancer agents. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 287-337.	0.4	10
42	Tracking mitochondrial dynamics during apoptosis with phosphorescent fluorinated iridium(III) complexes. <i>Dalton Transactions</i> , 2018, 47, 12907-12913.	1.6	9
43	Synthesis, characterization and anticancer mechanism studies of fluorinated cyclometalated ruthenium(<i>II</i>) complexes. <i>Dalton Transactions</i> , 2020, 49, 7044-7052.	1.6	9
44	Interfering with DNA High-Order Structures using Chiral Ruthenium(II) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 690-698.	1.7	8
45	Experimental characterization of the hypersonic flow around a cuboid. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	6
46	Supramolecular Assembly of An Organoplatinum(II) Complex with Ratiometric Dual Emission for Two-Photon Bioimaging. <i>Angewandte Chemie</i> , 2021, 133, 4196-4203.	1.6	6
47	Synthesis and Characterization of a Series of Bis-homoleptic Cycloruthenates with Terdentate Ligands as a Family of Panchromatic Dyes. <i>Inorganic Chemistry</i> , 2017, 56, 9903-9912.	1.9	5
48	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	1.6	4
49	Numerical and experimental studies of the hypersonic flow around a cube at incidence. <i>Acta Astronautica</i> , 2021, 183, 75-88.	1.7	4
50	Capturing the interplay between spin-orbit coupling and non-Condon effects on the photoabsorption spectra of Ru and Os dyes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6564-6570.	2.7	2