

# 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	Oxygen self-sufficient photodynamic therapy. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213714.	9.5	66
2	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
3	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
4	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
5	Nano-assembly of ruthenium(II) photosensitizers for endogenous glutathione depletion and enhanced two-photon photodynamic therapy. <i>Nanoscale</i> , 2021, 13, 7590-7599.	2.8	16
6	Numerical and experimental studies of the hypersonic flow around a cube at incidence. <i>Acta Astronautica</i> , 2021, 183, 75-88.	1.7	4
7	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
8	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
9	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
10	Metal complexes for mitochondrial bioimaging. <i>Journal of Inorganic Biochemistry</i> , 2020, 204, 110985.	1.5	21
11	Ferriridium: 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
12	Ferriridium: 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
13	A Mitochondrion-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20697-20703.	7.2	99
14	A Mitochondrion-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 20878-20884.	1.6	16
15	Synthesis, characterization and anticancer mechanism studies of fluorinated cyclometalated ruthenium(II) complexes. <i>Dalton Transactions</i> , 2020, 49, 7044-7052.	1.6	9
16	Organelle-targeting metal anticancer agents. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 287-337.	0.4	10
17	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
18	Rational Design of Cyclometalated Iridium(III) Complexes for Three-Photon Phosphorescence Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 16121-16125.	1.6	14

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19	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	1.6	4
20	Experimental characterization of the hypersonic flow around a cuboid. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	6
21	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
22	Lysosome-Targeting Iridium(III) Probe with Near-Infrared Emission for the Visualization of NO/O <sub>2</sub> Crosstalk via In Vivo Peroxynitrite Imaging. <i>Analytical Chemistry</i> , 2020, 92, 6003-6009.	3.2	46
23	An Ultrasmall RuO <sub>2</sub> Nanozyme Exhibiting Multienzyme-like Activity for the Prevention of Acute Kidney Injury. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31205-31216.	4.0	70
24	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
25	A mitochondria-targeting magnetothermogenic nanozyme for magnet-induced synergistic cancer therapy. <i>Biomaterials</i> , 2020, 251, 120079.	5.7	106
26	Recent advances in lysosome-targeting luminescent transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113010.	9.5	45
27	A biotinylated ruthenium(II) photosensitizer for tumor-targeted two-photon photodynamic therapy. <i>Chemical Communications</i> , 2019, 55, 10972-10975.	2.2	42
28	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
29	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
30	The stepwise photodamage of organelles by two-photon luminescent ruthenium(II) photosensitizers. <i>Chemical Communications</i> , 2019, 55, 11235-11238.	2.2	24
31	A self-assembled Ru-Pt metallacage 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
32	Fabrication of red blood cell membrane-camouflaged Cu <sub>2</sub> Se nanoparticles for phototherapy in the second near-infrared window. <i>Chemical Communications</i> , 2019, 55, 6523-6526.	2.2	31
33	Mitochondria-targeting cyclometalated iridium(III) complexes for tumor hypoxic imaging and therapy. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1003-1010.	3.0	35
34	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
35	DNA interaction of ruthenium(II) complexes with imidazo[4,5-f][1,10]phenanthroline derivatives. <i>Dalton Transactions</i> , 2019, 48, 3914-3921.	1.6	14
36	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

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37	Organelle-targeting metal complexes: From molecular design to bio-applications. <i>Coordination Chemistry Reviews</i> , 2019, 378, 66-86.	9.5	210
38	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
39	Oncosis-inducing cyclometalated iridium(III) complexes. <i>Chemical Science</i> , 2018, 9, 5183-5190.	3.7	95
40	Harnessing ruthenium(II) as photodynamic agents: Encouraging advances in cancer therapy. <i>Coordination Chemistry Reviews</i> , 2018, 363, 17-28.	9.5	158
41	Mitochondrial dynamics tracking with iridium(III) complexes. <i>Current Opinion in Chemical Biology</i> , 2018, 43, 51-57.	2.8	47
42	Interfering with DNA Higher Order Structures using Chiral Ruthenium(II) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 690-698.	1.7	8
43	A mitochondria-targeting photothermogenic nanozyme for MRI-guided mild photothermal therapy. <i>Chemical Communications</i> , 2018, 54, 14108-14111.	2.2	39
44	A mitochondria-targeting hetero-binuclear Ir(III)-Pt(II) complex induces necrosis in cisplatin-resistant tumor cells. <i>Chemical Communications</i> , 2018, 54, 6268-6271.	2.2	51
45	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
46	Tracking mitochondrial dynamics during apoptosis with phosphorescent fluorinated iridium(III) complexes. <i>Dalton Transactions</i> , 2018, 47, 12907-12913.	1.6	9
47	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
48	Synthesis and Characterization of a Series of Bis-homoleptic Cycloruthenates with Tridentate Ligands as a Family of Panchromatic Dyes. <i>Inorganic Chemistry</i> , 2017, 56, 9903-9912.	1.9	5
49	Ruthenium complexes with tridentate ligands for dye-sensitized solar cells. <i>Polyhedron</i> , 2014, 82, 37-49.	1.0	18
50	Fluorine-free blue-green emitters for light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5793-5804.	2.7	60