

Houston D Cole

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3794911/publications.pdf>

Version: 2024-02-01

17
papers

406
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the barrier: an osmium photosensitizer with unprecedented hypoxic phototoxicity for real world photodynamic therapy. <i>Chemical Science</i> , 2020, 11, 9784-9806.	7.4	67
2	Near-infrared absorbing Ru(<i>II</i>) complexes act as immunoprotective photodynamic therapy (PDT) agents against aggressive melanoma. <i>Chemical Science</i> , 2020, 11, 11740-11762.	7.4	67
3	Anticancer Agent with Inexplicable Potency in Extreme Hypoxia: Characterizing a Light-Triggered Ruthenium Ubertoxin. <i>Journal of the American Chemical Society</i> , 2022, 144, 9543-9547.	13.7	48
4	Os(II) Oligothiophenyl Complexes as a Hypoxia-Active Photosensitizer Class for Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2020, 59, 16341-16360.	4.0	37
5	Intraligand Excited States Turn a Ruthenium Oligothiophene Complex into a Light-Triggered Ubertoxin with Anticancer Effects in Extreme Hypoxia. <i>Journal of the American Chemical Society</i> , 2022, 144, 8317-8336.	13.7	32
6	TLD1433-Mediated Photodynamic Therapy with an Optical Surface Applicator in the Treatment of Lung Cancer Cells In Vitro. <i>Pharmaceuticals</i> , 2020, 13, 137.	3.8	23
7	Discovery of immunogenic cell death-inducing ruthenium-based photosensitizers for anticancer photodynamic therapy. <i>OncImmunology</i> , 2021, 10, 1863626.	4.6	22
8	Singlet Oxygen Formation vs Photodissociation for Light-Responsive Protic Ruthenium Anticancer Compounds: The Oxygenated Substituent Determines Which Pathway Dominates. <i>Inorganic Chemistry</i> , 2021, 60, 2138-2148.	4.0	20
9	Fine-Feature Modifications to Strained Ruthenium Complexes Radically Alter Their Hypoxic Anticancer Activity. <i>Photochemistry and Photobiology</i> , 2022, 98, 73-84.	2.5	20
10	Modification of amyloid-beta peptide aggregation <i>via</i> photoactivation of strained Ru(<i>II</i>) polypyridyl complexes. <i>Chemical Science</i> , 2021, 12, 7510-7520.	7.4	15
11	It Takes Three to Tango: The Length of the Oligothiophene Chain Determines the Nature of the Long-Lived Excited State and the Resulting Photocytotoxicity of a Ruthenium(II) Photodrug. <i>ChemPhotoChem</i> , 2021, 5, 421-425.	3.0	12
12	Intracellular Photophysics of an Osmium Complex bearing an Oligothiophene Extended Ligand. <i>Chemistry - A European Journal</i> , 2020, 26, 14844-14851.	3.3	10
13	NIR-Absorbing Ru II Complexes Containing \pm Oligothiophenes for Applications in Photodynamic Therapy. <i>ChemBioChem</i> , 2020, 21, 3594-3607.	2.6	9
14	String-Attached Oligothiophene Substituents Determine the Fate of Excited States in Ruthenium Complexes for Photodynamic Therapy. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6985-6994.	2.5	9
15	Chiral resolution and absolute configuration determination of new metal-based photodynamic therapy antitumor agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114233.	2.8	6
16	Interaction with a Biomolecule Facilitates the Formation of the Function-Determining Long-Lived Triplet State in a Ruthenium Complex for Photodynamic Therapy. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1336-1344.	2.5	6
17	Insights into enantioselective separations of ionic metal complexes by sub/supercritical fluid chromatography. <i>Analytica Chimica Acta</i> , 2022, 1228, 340156.	5.4	3