

# John A Roque, Iii

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,445  
citations

567281

15  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1776  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	Photodynamic therapy of melanoma with new, structurally similar, NIR-absorbing ruthenium (II) complexes promotes tumor growth control via distinct hallmarks of immunogenic cell death.. <i>American Journal of Cancer Research</i> , 2022, 12, 210-228.	1.4	0
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	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
7	Ruthenium Photosensitizers for NIR PDT Require Lowest-Lying Triplet Intraligand (3IL) Excited States. <i>Journal of Photochemistry and Photobiology</i> , 2021, 8, 100067.	2.5	8
8	Discovery of immunogenic cell death-inducing ruthenium-based photosensitizers for anticancer photodynamic therapy. <i>Oncot Immunology</i> , 2021, 10, 1863626.	4.6	22
9	Strained, Photoejecting Ru(II) Complexes that are Cytotoxic Under Hypoxic Conditions. <i>Photochemistry and Photobiology</i> , 2020, 96, 327-339.	2.5	38
10	Bis[pyrrolyl Ru] triads: a new class of photosensitizers for metal-organic photodynamic therapy. <i>Chemical Science</i> , 2020, 11, 12047-12069.	7.4	23
11	Intracellular Photophysics of an Osmium Complex bearing an Oligothiophene Extended Ligand. <i>Chemistry - A European Journal</i> , 2020, 26, 14844-14851.	3.3	10
12	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
13	NIR-Absorbing Ru II Complexes Containing $\hat{\pm}$ Oligothiophenes for Applications in Photodynamic Therapy. <i>ChemBioChem</i> , 2020, 21, 3594-3607.	2.6	9
14	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
15	Os(II) Oligothienyl Complexes as a Hypoxia-Active Photosensitizer Class for Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2020, 59, 16341-16360.	4.0	37
16	Near-infrared absorbing Ru complexes act as immunoprotective photodynamic therapy (PDT) agents against aggressive melanoma. <i>Chemical Science</i> , 2020, 11, 11740-11762.	7.4	67
17	Photophysical Properties and Photobiological Activities of Ruthenium(II) Complexes Bearing $\hat{\text{I}}$ -Expansive Cyclometalating Ligands with Thienyl Groups. <i>Inorganic Chemistry</i> , 2019, 58, 10778-10790.	4.0	34
18	New Class of Homoleptic and Heteroleptic Bis(terpyridine) Iridium(III) Complexes with Strong Photodynamic Therapy Effects. <i>ACS Applied Bio Materials</i> , 2019, 2, 2964-2977.	4.6	45

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19	Predictive Strength of Photophysical Measurements for in Vitro Photobiological Activity in a Series of Ru(II) Polypyridyl Complexes Derived from $\pi$ -Extended Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 3156-3166.	4.0	29
20	Synthesis, Characterization and Photobiological Studies of Ru(II) Dyads Derived from $\pi$ -Oligothiophene Derivatives of 1,10-Phenanthroline. <i>Photochemistry and Photobiology</i> , 2019, 95, 267-279.	2.5	16
21	Transition Metal Complexes and Photodynamic Therapy from a Tumor-Centered Approach: Challenges, Opportunities, and Highlights from the Development of TLD1433. <i>Chemical Reviews</i> , 2019, 119, 797-828.	47.7	899