

Ashwini A Ghogare

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12202240/publications.pdf>

Version: 2024-02-01

16
papers

1,247
citations

1163117

8
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2026
citing authors

#	ARTICLE	IF	CITATIONS
1	Type I and Type II Photosensitized Oxidation Reactions: Guidelines and Mechanistic Pathways. <i>Photochemistry and Photobiology</i> , 2017, 93, 912-919.	2.5	552
2	Using Singlet Oxygen to Synthesize Natural Products and Drugs. <i>Chemical Reviews</i> , 2016, 116, 9994-10034.	47.7	511
3	On the <i>in vivo</i> photochemical rate parameters for PDT reactive oxygen species modeling. <i>Physics in Medicine and Biology</i> , 2017, 62, R1-R48.	3.0	68
4	Superhydrophobic Photosensitizers: Airborne $1O_2$ Killing of an <i>In Vitro</i> Oral Biofilm at the Plastron Interface. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25819-25829.	8.0	23
5	Reactions of Singlet Oxygen at the Air-Water Interface. <i>Journal of Organic Chemistry</i> , 2016, 81, 6395-6401.	3.2	15
6	Photoactive Fluoropolymer Surfaces That Release Sensitizer Drug Molecules. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4155-4164.	2.6	14
7	Pointsource Delivery of a Photosensitizer Drug and Singlet Oxygen: Eradication of Glioma Cells <i>In Vitro</i> . <i>Photochemistry and Photobiology</i> , 2014, 90, 1119-1125.	2.5	12
8	Mechanism of Photochemical O-Atom Exchange in Nitrosamines with Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 2015, 80, 6119-6127.	3.2	9
9	Experimental and DFT Computational Insight into Nitrosamine Photochemistry Oxygen Matters. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5954-5966.	2.5	9
10	Fluorinated Photodynamic Therapy Device Tips and their Resistance to Fouling for <i>In Vivo</i> Sensitizer Release. <i>Photochemistry and Photobiology</i> , 2016, 92, 166-172.	2.5	8
11	Synthesis and antiproliferative properties of a new ceramide analog of varacin. <i>Chemistry and Physics of Lipids</i> , 2016, 194, 165-170.	3.2	7
12	S, S'-Chiral Linker Induced U Shape with a Synfacial Sensitizer and Photocleavable Ethene Group. <i>Photochemistry and Photobiology</i> , 2019, 95, 293-305.	2.5	6
13	Theoretical Study of the Reaction Formalhydrazone with Singlet Oxygen. Fragmentation of the C=N Bond, Ene Reaction and Other Processes. <i>Photochemistry and Photobiology</i> , 2014, 90, 431-438.	2.5	4
14	Air-water interface effects on the regioselectivity of singlet oxygenations of a trisubstituted alkene. <i>Tetrahedron Letters</i> , 2015, 56, 4505-4508.	1.4	4
15	Synthesis, Photophysics and PDT Evaluation of Mono-, Di-, Tri- and Hexa-PEG Chlorins for Pointsource Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2017, 93, 1259-1268.	2.5	3
16	Synthesis of a poly(ethylene glycol) galloyl sensitizer tip for an <i>in vivo</i> photodynamic device. <i>Journal of Biophotonics</i> , 2016, 9, 1326-1336.	2.3	2