

# Niluksha Walalawela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5620951/publications.pdf>

Version: 2024-02-01

10  
papers

83  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipophilic Decyl Chain- $\pi$ -Pterin Conjugates with Sensitizer Properties. <i>Molecular Pharmaceutics</i> , 2018, 15, 798-807.	4.6	23
2	$\pi$ -Reactions of Singlet Oxygen at the Air-Water Interface. <i>Journal of Organic Chemistry</i> , 2016, 81, 6395-6401.	3.2	15
3	Alkane Chain-extended Pterin Through a Pendent Carboxylic Acid Acts as Triple Functioning Fluorophore, $^{1}O_2$ Sensitizer and Membrane Binder. <i>Photochemistry and Photobiology</i> , 2019, 95, 1160-1168.	2.5	10
4	Photoactive Chitosan: A Step Toward a Green Strategy for Pollutant Degradation. <i>Photochemistry and Photobiology</i> , 2014, 90, 1216-1218.	2.5	6
5	Kinetic Control in the Regioselective Alkylation of Pterin Sensitizers: A Synthetic, Photochemical, and Theoretical Study. <i>Photochemistry and Photobiology</i> , 2018, 94, 834-844.	2.5	6
6	Heterogeneous photocatalytic deperoxidation with $UV$ and visible light. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3807.	1.9	6
7	S-Chiral Linker Induced U Shape with a Syn-facial Sensitizer and Photocleavable Ethene Group. <i>Photochemistry and Photobiology</i> , 2019, 95, 293-305.	2.5	6
8	Dark-Binding Process Relevant to Preventing Photosensitized Oxidation: Conformation-Dependent Light and Dark Mechanisms by a Dual-Functioning Diketone. <i>ACS Omega</i> , 2019, 4, 22623-22631.	3.5	4
9	Probing the Transition State-to-Intermediate Continuum: Mechanistic Distinction between a Dry versus Wet Peroxide in the Singlet Oxygen $\pi$ -Reaction at the Air-Water Interface. <i>Langmuir</i> , 2022, 38, 6036-6048.	3.5	4
10	Probing pyrite-carbofuran interactions with $\zeta$ potential and IR spectroscopic measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 396, 219-223.	4.7	3