

Mariana Vignoni

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

721
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1041
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	Soybean phosphatidylcholine liposomes as model membranes to study lipid peroxidation photoinduced by pterin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 139-145.	2.6	42
3	Emission properties of dihydropterins in aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7419.	2.8	33
4	Lipophilic Decyl Chain- ϵ -Pterin Conjugates with Sensitizer Properties. <i>Molecular Pharmaceutics</i> , 2018, 15, 798-807.	4.6	23
5	Photo-Oxidation of Unilamellar Vesicles by a Lipophilic Pterin: Deciphering Biomembrane Photodamage. <i>Langmuir</i> , 2018, 34, 15578-15586.	3.5	23
6	A model to understand type I oxidations of biomolecules photosensitized by pterins. <i>Journal of Photochemistry and Photobiology</i> , 2021, 7, 100045.	2.5	14
7	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
8	Alkylation of a hydrophilic photosensitizer enhances the contact-dependent photo-induced oxidation of phospholipid membranes. <i>Dyes and Pigments</i> , 2021, 187, 109131.	3.7	9
9	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
10	Immobilization of alkyl-pterin photosensitizer on silicon surfaces through in situ S ₂ reaction as suitable approach for photodynamic inactivation of <i>Staphylococcus aureus</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 198, 111456.	5.0	5
11	Mono ϵ - and Bis ϵ -Alkylated Lumazine Sensitizers: Synthetic, Molecular Orbital Theory, Nucleophilic Index and Photochemical Studies. <i>Photochemistry and Photobiology</i> , 2021, 97, 80-90.	2.5	4