

MarÃ-a Noel Urrutia

List of Publications by Year in descending order

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14
papers

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1307594

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docs citations

15
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146
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-Oxidation of Unilamellar Vesicles by a Lipophilic Pterin: Deciphering Biomembrane Photodamage. <i>Langmuir</i> , 2018, 34, 15578-15586.	3.5	23
2	Role of Intact Hydrogen-Bond Networks in Multiproton-Coupled Electron Transfer. <i>Journal of the American Chemical Society</i> , 2020, 142, 21842-21851.	13.7	23
3	Effect of pterin impurities on the fluorescence and photochemistry of commercial folic acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 157-163.	3.8	13
4	Spectroscopic characterization and aggregation of azine compounds in different media. <i>Chemical Physics</i> , 2013, 412, 41-50.	1.9	12
5	Separation, Purification, and Characterization of Analogues Components of a Commercial Sample of New Fuchsin. <i>Journal of Chromatographic Science</i> , 2010, 48, 618-623.	1.4	11
6	New azine compounds as photoantimicrobial agents against <i>Staphylococcus aureus</i> . <i>Dyes and Pigments</i> , 2015, 116, 27-35.	3.7	11
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	Novel oxazine and oxazone dyes: aggregation behavior and physicochemical properties. <i>New Journal of Chemistry</i> , 2016, 40, 10161-10171.	2.8	6
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 and Bis Alkylated Lumazine Sensitizers: Synthetic, Molecular Orbital Theory, Nucleophilic Index and Photochemical Studies. <i>Photochemistry and Photobiology</i> , 2021, 97, 80-90.	2.5	4
12	Models to study photoinduced multiple proton coupled electron transfer processes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 674-682.	0.8	4
13	Concerted Electron-Nuclear Motion in Proton-Coupled Electron Transfer-Driven Grotthuss-Type Proton Translocation. <i>Journal of Physical Chemistry Letters</i> , 2022, , 4479-4485.	4.6	4
14	Mechanistic Insight into the Photodynamic Effect Mediated by Neutral Red and a New Azine Compound in <i>Staphylococcus aureus</i> Cells. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900262.	2.1	2