

Lorena Valle

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

213
citations

1307594

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1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Mutagenesis and Kinetics Characterization of the Bilin-Binding GAF Domain of the Protein Slr1393 from the Cyanobacterium <i>Synechocystis</i> PCC6803. <i>ChemBioChem</i> , 2014, 15, 1190-1199.	2.6	57
2	Hydrogen-bonding modulation of excited-state properties of flavins in a model of aqueous confined environment. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1051-1061.	2.9	43
3	First characterisation of a CPD-class I photolyase from a UV-resistant extremophile isolated from High-Altitude Andean Lakes. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 739-751.	2.9	32
4	Integration of Temperature and Blue-Light Sensing in <i>Acinetobacter baumannii</i> Through the BlsA Sensor. <i>Photochemistry and Photobiology</i> , 2017, 93, 805-814.	2.5	25
5	BlsA Is a Low to Moderate Temperature Blue Light Photoreceptor in the Human Pathogen <i>Acinetobacter baumannii</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1925.	3.5	13
6	FAD binding properties of a cytosolic version of <i>Escherichia coli</i> NADH dehydrogenase-2. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 576-584.	2.3	12
7	Enhancement of Photophysical and Photosensitizing Properties of Flavin Adenine Dinucleotide by Mutagenesis of the C-Terminal Extension of a Bacterial Flavodoxin Reductase. <i>ChemPhysChem</i> , 2015, 16, 872-883.	2.1	11
8	Through the eyes of a pathogen: light perception and signal transduction in <i>Acinetobacter baumannii</i> . <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2363-2373.	2.9	7
9	Nanoenvironmental effect in AOT reverse micelles on the triplet excited state properties of flavins and quenching by molecular oxygen. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 629-635.	1.9	6
10	Riboflavin and flavin mononucleotide adsorption on Ag (1 1 1) electrodes and their interaction with l-cysteine investigated by electrochemical and non-linear optical methods. <i>Journal of Electroanalytical Chemistry</i> , 2011, 662, 288-297.	3.8	5
11	Characterization of BLUF-photoreceptors present in <i>Acinetobacter nosocomialis</i> . <i>PLoS ONE</i> , 2022, 17, e0254291.	2.5	2