

Carolina Castañedo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

217
citations

933447

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1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Type I Photosensitized Oxidation of Methionine ^{â€}. Photochemistry and Photobiology, 2021, 97, 91-98.	2.5	11
2	Quenching of the Singlet and Triplet Excited States of Pterin by Amino Acids. Photochemistry and Photobiology, 2019, 95, 220-226.	2.5	15
3	Photosensitization of peptides and proteins by pterin derivatives. Pteridines, 2017, 28, 105-114.	0.5	24
4	A novel synthetic approach to tyrosine dimers based on pterin photosensitization. Dyes and Pigments, 2017, 147, 67-74.	3.7	18
5	Degradation of tyrosine and tryptophan residues of peptides by type I photosensitized oxidation. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 226-235.	3.8	20
6	Histidine oxidation photosensitized by pterin: pH dependent mechanism. Journal of Photochemistry and Photobiology B: Biology, 2015, 153, 483-489.	3.8	30
7	A non-singlet oxygen mediated reaction photoinduced by phenalenone, a universal reference for singlet oxygen sensitization. RSC Advances, 2014, 4, 10718.	3.6	13
8	Solar radiation exposure of dihydrobiopterin and biopterin in aqueous solution. Solar Energy, 2014, 109, 45-53.	6.1	10
9	Degradation of α -melanocyte-stimulating hormone photosensitized by pterin. Organic and Biomolecular Chemistry, 2014, 12, 3877.	2.8	15
10	Acetazolamide as a singlet molecular oxygen quencher. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 251, 113-117.	3.9	2
11	Oxidation of Tyrosine Photoinduced by Pterin in Aqueous Solution. Photochemistry and Photobiology, 2013, 89, 1448-1455.	2.5	35
12	Thermal decomposition of 4-hydroxy-2-butanone in <i>m</i> -xylene solution: Experimental and computational study. International Journal of Chemical Kinetics, 2012, 44, 407-413.	1.6	24