

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

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all docs

12
docs citations

12
times ranked

197
citing authors

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