

List of Publications by Year in descending order

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41
papers

864
citations

516710

16
h-index

477307

29
g-index

41
all docs

41
docs citations

41
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Photophysics and photochemistry of rose bengal bound to human serum albumin. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 933-943.	2.9	63
2	Photophysics and photochemistry of dyes bound to human serum albumin are determined by the dye localization. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 93-102.	2.9	61
3	The ompW (porin) gene mediates methyl viologen (paraquat) efflux in <i>Salmonella enterica</i> serovar Typhimurium. <i>Research in Microbiology</i> , 2007, 158, 529-536.	2.1	59
4	A New Method to Study Antioxidant Capability: Hydrogen Transfer from Phenols to a Prefluorescent Nitroxide. <i>Organic Letters</i> , 2003, 5, 4145-4148.	4.6	57
5	Fluorescence of 8-Anilino-naphthalene-1-sulfonate and Properties of Sodium Dodecyl Sulfate Micelles in Water-Urea Mixtures. <i>Journal of Colloid and Interface Science</i> , 1997, 186, 332-338.	9.4	56
6	A comparison of methods employed to evaluate antioxidant capabilities. <i>Biological Research</i> , 2000, 33, 71-7.	3.4	48
7	Photophysics and photochemistry of zinc phthalocyanine/bovine serum albumin adducts. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 255-263.	2.9	46
8	Hydrogen-Transfer Reactions from Phenols to TEMPO Prefluorescent Probes in Micellar Systems. <i>Organic Letters</i> , 2008, 10, 2147-2150.	4.6	45
9	Riboflavin-induced Type 1 photo-oxidation of tryptophan using a high intensity 365 nm light emitting diode. <i>Free Radical Biology and Medicine</i> , 2019, 131, 133-143.	2.9	39
10	Solvent Effects on Hydrogen Abstraction Reactions from Lactones with Antioxidant Properties. <i>Organic Letters</i> , 2005, 7, 3665-3668.	4.6	38
11	Transient Enol Isomers of Dibenzoylmethane and Avobenzone as Efficient Hydrogen Donors toward a Nitroxide Pre-fluorescent Probe. <i>Photochemistry and Photobiology</i> , 2007, 83, 481-485.	2.5	38
12	Free Radical Reactions in Poly(methyl methacrylate) Films Monitored Using a Prefluorescent Quinoline-TEMPO Sensor. <i>Macromolecules</i> , 2003, 36, 3550-3556.	4.8	37
13	Free radical scavenging capacity of hydroxycinnamic acids and related compounds. <i>Journal of Physical Organic Chemistry</i> , 2006, 19, 759-764.	1.9	31
14	Aggregation of $\hat{1}^{\pm}$ - and $\hat{1}^{2-}$ - caseins induced by peroxy radicals involves secondary reactions of carbonyl compounds as well as di-tyrosine and di-tryptophan formation. <i>Free Radical Biology and Medicine</i> , 2018, 124, 176-188.	2.9	28
15	Effect of dye localization and self-interactions on the photosensitized generation of singlet oxygen by rose bengal bound to bovine serum albumin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 141, 275-282.	3.8	25
16	Chemiluminescence Associated with Singlet Oxygen Reactions with Amino Acids, Peptides and Proteins. <i>Photochemistry and Photobiology</i> , 2007, 83, 475-480.	2.5	19
17	Coumarin 314 Free Radical Cation: Formation, Properties, and Reactivity toward Phenolic Antioxidants. <i>Journal of Physical Chemistry A</i> , 2012, 116, 199-206.	2.5	15
18	Photophysical Properties of the Prefluorescent Nitroxide Probes QT and C ₃₄₃ T. <i>Photochemistry and Photobiology</i> , 2008, 84, 1535-1542.	2.5	14

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19	Monitoring photodecomposition of dibenzyl ketone within NaY zeolite with a pre-fluorescent nitroxide compound. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1125-1129.	2.9	13
20	Reaction of tetracycline with biologically relevant chloramines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 171-180.	3.9	12
21	Use of Pyrogallol Red and Pyranine as Probes to Evaluate Antioxidant Capacities towards Hypochlorite. <i>Molecules</i> , 2013, 18, 1638-1652.	3.8	11
22	Theoretical rationalisation of the photophysics of a TICT excited state of cinnamoyl-coumarin derivatives in homogeneous and biological membrane models. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27621-27629.	2.8	10
23	Interfacial Free Energy of Alkanols in Aqueous Solutions: Dependence with Hydrophobicity and Topology of the Solute. <i>Journal of Colloid and Interface Science</i> , 1996, 178, 298-302.	9.4	9
24	Competitive kinetics in free radical reactions of cinnamic acid derivatives. Influence of phenoxy radicals reactions. <i>Free Radical Research</i> , 2007, 41, 1189-1194.	3.3	9
25	Monitoring peroxides generation during model wine fermentation by FOX-1 assay. <i>Food Chemistry</i> , 2015, 175, 25-28.	8.2	9
26	Nitroxide amide-BODIPY probe behavior in fibroblasts analyzed by advanced fluorescence microscopy. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4023-4026.	2.8	9
27	Atypical antioxidant activity of non-phenolic amino-coumarins. <i>RSC Advances</i> , 2018, 8, 1927-1933.	3.6	9
28	Solubilization of Alkanols in DPPC LUVs: Dependence on the Alkanol Concentration and Topology. <i>Journal of Colloid and Interface Science</i> , 1995, 175, 225-229.	9.4	7
29	Reaction Kinetics of Phenolic Antioxidants toward Photoinduced Pyranine Free Radicals in Biological Models. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6331-6340.	2.6	7
30	Free radicals derived from ^{13}C -radiolysis of water and AAPH thermolysis mediate oxidative crosslinking of eGFP involving Tyr-Tyr and Tyr-Cys bonds: the fluorescence of the protein is conserved only towards peroxy radicals. <i>Free Radical Biology and Medicine</i> , 2020, 150, 40-52.	2.9	6
31	Generation, Spectroscopic Characterization by EPR, and Decay of a Pyranine-derived Radical. <i>Helvetica Chimica Acta</i> , 2007, 90, 2009-2016.	1.6	5
32	Electrochemical and Spectroscopic Study of Pyranine Fluorescent Probe: Role of Intermediates in Pyranine Oxidation. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6661-6667.	2.6	5
33	Cinnamoyl-coumarin hybrid derivatives with remarkable fluorescent molecular-rotor properties in mixtures of DPPC:DOPC LUVs. <i>Dyes and Pigments</i> , 2020, 178, 108356.	3.7	5
34	Distribution and reactivity of gallates toward galvinoxyl radicals in SDS micellar solutions—Effect of the alkyl chain length. <i>Canadian Journal of Chemistry</i> , 2011, 89, 181-185.	1.1	4
35	Antioxidant reactivity toward nitroxide probes anchored into human serum albumin. A new model for studying antioxidant repairing capacity of protein radicals. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6382-6385.	2.2	3
36	A microenvironment-sensitive coumarin-labeled peptide for the assessment of lipid-peptide interactions. <i>Dyes and Pigments</i> , 2020, 176, 108234.	3.7	3

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37	Electrodes based on zeolites modified with cobalt and/or molybdenum for pesticide degradation: part II – 2,4,6-trichlorophenol degradation. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 117-131.	2.5	2
38	M. jannaschii FtsZ, a key protein in bacterial cell division, is inactivated by peroxy radical-mediated methionine oxidation. <i>Free Radical Biology and Medicine</i> , 2021, 166, 53-66.	2.9	2
39	Azo-hydrazone tautomerism in organometallic complexes triggered by a -Re(CO) ₃ (L) core: A spectroscopic and theoretical study. <i>Dyes and Pigments</i> , 2022, 197, 109953.	3.7	2
40	Photoswitching studies of new photochromic ionic liquids studied in real time by <i>in situ</i> irradiation. <i>New Journal of Chemistry</i> , 0, , .	2.8	2
41	Special Issue Dedicated to the Memory of Elsa Beatriz Abuin Saccomano (1942-2012). <i>Photochemistry and Photobiology</i> , 2013, 89, 1270-1272.	2.5	1