

Antonio L Zanocco

List of Publications by Year in descending order

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35
papers

522
citations

623574

14
h-index

677027

22
g-index

38
all docs

38
docs citations

38
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the sum of malachite green and leucomalachite green in salmon muscle by liquid chromatography-atmospheric pressure chemical ionisation-mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1067, 101-105.	1.8	68
2	Singlet Oxygen Reactions with Flavonoids. A Theoretical and Experimental Study. <i>PLoS ONE</i> , 2012, 7, e40548.	1.1	53
3	Naphthoxazole-Based Singlet Oxygen Fluorescent Probes. <i>Photochemistry and Photobiology</i> , 2013, 89, 1427-1432.	1.3	27
4	NEW SYNTHESIS OF NAPHTHO- AND BENZOXAZOLES: DECOMPOSITION OF NAPHTHO- AND BENZOXAZINONES WITH KOH. <i>Synthetic Communications</i> , 2001, 31, 135-140.	1.1	26
5	Linear free energy relationship analysis of solvent effect on singlet oxygen reactions with mono and disubstituted anthracene derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 207, 160-166.	2.0	25
6	Formal Hydride Transfer Mechanism for Photoreduction of 3-Phenylquinoxalin-2-ones by Amines. Association of 3-Phenylquinoxalin-2-one with Aliphatic Amines. <i>Journal of Organic Chemistry</i> , 2000, 65, 7949-7958.	1.7	24
7	SYNTHESIS OF AMINONAPHTHALENE DERIVATIVES USING THE BUCHERER REACTION UNDER MICROWAVE IRRADIATION. <i>Synthetic Communications</i> , 2001, 31, 2143-2148.	1.1	20
8	Solvent effects on reactions of singlet molecular oxygen, $O_2(^1g)$, with antimalarial drugs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 168, 91-96.	2.0	20
9	Photophysics and Photochemistry of Naphthoxazinone Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 5371-5378.	1.7	18
10	Optical properties of binuclear zinc (II) macrocyclic complexes derived from 4-methyl-2,6-diformylphenol and 1,2-diaminobenzene. <i>Polyhedron</i> , 2009, 28, 2335-2340.	1.0	18
11	A kinetic study of the reaction between boldine and singlet oxygen [$O_2(^1g)$]. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 1299-1302.	0.9	17
12	Linear Free Energy Relationship Analysis of Solvent Effects on Singlet Oxygen Reactions. <i>Current Organic Chemistry</i> , 2003, 7, 799-819.	0.9	17
13	Determination of chemical rate constants in singlet molecular oxygen reactions by using 1,4-dimethylnaphthalene endoperoxide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 151, 1-5.	2.0	16
14	Solvent effects on the sensitized photooxygenation of lidocaine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 140, 109-115.	2.0	15
15	Solvent effect on the sensitized photooxygenation of cyclic and acyclic β -diimines. <i>Tetrahedron</i> , 2006, 62, 10734-10746.	1.0	15
16	Photopolymerization of methyl methacrylate by benzoin methyl ether irradiated at 366 nm: Effect of the initiator absorbance upon the polymerization rate. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1984, 22, 391-393.	0.4	13
17	Sensitized Photooxidation of Thyroidal Hormones. Evidence for Heavy Atom Effect on Singlet Molecular Oxygen [$O_2(^1g)$]-mediated Photoreactions. <i>Photochemistry and Photobiology</i> , 2005, 81, 325.	1.3	13
18	Release of Methylene Blue from dioctadecyldimethylammonium chloride vesicles. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 319-324.	0.9	12

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19	Solvent effect on the quenching of singlet oxygen by 3-methylindole. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 5222-5225.	1.3	12
20	Sensitized photooxygenation of piroxicam in neat solvents and solvent mixtures. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 65, 165-170.	1.7	12
21	Sucrose Monoester Micelles Size Determined by Fluorescence Correlation Spectroscopy (FCS). <i>PLoS ONE</i> , 2011, 6, e29278.	1.1	12
22	Photosensitized generation of singlet molecular oxygen by aryloxazinones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 199, 345-352.	2.0	11
23	Reaction of singlet molecular oxygen, $O_2(^1\Delta_g)$, with the Cinchona tree alkaloids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 175, 146-153.	2.0	8
24	Synthesis of 2-(n-(N,N,N-trimethyl)-n-alkyl)-5-alkylfuryl halides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 168, 175-183.	2.0	7
25	ON THE USE OF 9,10-DIMETHYLANTHRACENE AS CHEMICAL RATE CONSTANT ACTINOMETER IN SINGLET MOLECULAR OXYGEN REACTIONS. <i>Journal of the Chilean Chemical Society</i> , 2000, 45, .	0.1	7
26	SOLUBILIZATION OF DPPC SMALL UNILAMELLAR LIPOSOMES BY SUCROSE ESTERS: A FLUORESCENCE STUDY. <i>Journal of the Chilean Chemical Society</i> , 2008, 53, .	0.5	6
27	Acid- and hydrogen-bonding-induced switching between 22- π and 18- π electron conjugations in 2-aminothiazolo[4,5-c]porphycenes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25537-25543.	1.3	6
28	Structure-activity study of furyl aryloxazole fluorescent probes for the detection of singlet oxygen. <i>PLoS ONE</i> , 2018, 13, e0200006.	1.1	6
29	A high-performance liquid chromatography method for determination 2-(n-(N,N,N-trimethyl)-n-alkyl)-5-alkylfuryl halides in dipalmitoylphosphatidylcholine liposome solutions. <i>Journal of Chromatography A</i> , 2006, 1125, 89-94.	1.8	5
30	Study of Singlet Oxygen Equilibrium in Dioctadecyldimethylammonium Chloride Vesicles Employing 2-(n-(N,N,N-trimethylamine)-n-alkyl)- 5-alkylfuryl Halides. <i>Photochemistry and Photobiology</i> , 2007, 83, 584-591.	1.3	4
31	Solvent and Media Effects on the Photophysics of Naphthoxazole Derivatives. <i>Photochemistry and Photobiology</i> , 2013, 89, 1327-1334.	1.3	4
32	Solvent Effect on the Sensitized Photooxygenation of 2,3-Dihydropyrazine Derivatives. <i>Journal of Organic Chemistry</i> , 2003, 68, 3009-3016.	1.7	3
33	Rapid and Simple HPLC Method for the Simultaneous Determination of Urocanic Acid Isomers in Human Skin. <i>Analytical Letters</i> , 2013, 46, 95-106.	1.0	1
34	Intense White Molecular Fluorescence from Naphthoxazole-Quinoline Derivatives. <i>Photochemistry and Photobiology</i> , 2018, 94, 1092-1099.	1.3	1
35	Sensitized Photooxidation of Thyroidal Hormones. Evidence for Heavy Atom Effect on Singlet Molecular Oxygen [$O_2(^1\Delta_g)$]-mediated Photoreactions. <i>Photochemistry and Photobiology</i> , 2005, 81, 325-332.	1.3	0