

Patricia Carloni

List of Publications by Year in descending order

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papers

1,565
citations

304602

22
h-index

330025

37
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73
all docs

73
docs citations

73
times ranked

1902
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activity of white, green and black tea obtained from the same tea cultivar. Food Research International, 2013, 53, 900-908.	2.9	194
2	On the use of 1,3-diphenylisobenzofuran (DPBF). Reactions with carbon and oxygen centered radicals in model and natural systems. Research on Chemical Intermediates, 1993, 19, 395-405.	1.3	100
3	Antioxidant activity of different white teas: Comparison of hot and cold tea infusions. Journal of Food Composition and Analysis, 2014, 33, 59-66.	1.9	98
4	Hot vs. cold water steeping of different teas: Do they affect antioxidant activity?. Food Chemistry, 2010, 119, 1597-1604.	4.2	96
5	Changes in ultraviolet absorbance and hence in protective efficacy against lipid peroxidation of organic sunscreens after UVA irradiation. Journal of Photochemistry and Photobiology B: Biology, 2006, 82, 204-213.	1.7	90
6	Influence of steeping conditions (time, temperature, and particle size) on antioxidant properties and sensory attributes of some white and green teas. International Journal of Food Sciences and Nutrition, 2015, 66, 491-497.	1.3	62
7	Increased oxidative modification of albumin when illuminated in vitro in the presence of a common sunscreen ingredient: protection by nitroxide radicals. Free Radical Biology and Medicine, 2000, 28, 193-201.	1.3	45
8	Unexpected Deoxygenation of 2,2,6,6-Tetramethylpiperidine-1-Oxyl (TEMPO) by Thiyl Radicals through the Formation of Arylsulphinyl Radicals. Tetrahedron, 1995, 51, 12445-12452.	1.0	42
9	Effects of indolinic and quinolinic aminoxyls on protein and lipid peroxidation of rat liver microsomes. Free Radical Biology and Medicine, 1995, 18, 913-917.	1.3	41
10	<sc>UHPLC</sc> & <sc>ESI</sc> & <sc>QTOF</sc> & <sc>MS</sc> phenolic profiling and antioxidant capacity of bee pollen from different botanical origin. International Journal of Food Science and Technology, 2019, 54, 335-346.	1.3	41
11	Synthesis and thermal stability of alkoxyamines. Polymer Degradation and Stability, 1997, 55, 323-327.	2.7	37
12	Vitamin E Consumption Induced by Oxidative Stress in Red Blood Cells Is Enhanced by Melatonin and Reduced by N-Acetylserotonin. Free Radical Biology and Medicine, 1998, 24, 1187-1192.	1.3	37
13	Chemical and electrochemical study on the interactions of aminoxyls with superoxide anion. Tetrahedron, 1996, 52, 11257-11264.	1.0	35
14	Electron-transfer reactions. Oxidation of Grignard reagents in the presence of an aminoxyl as a radical-trapping agent. Journal of Organic Chemistry, 1991, 56, 4733-4737.	1.7	32
15	Impact of Cold versus Hot Brewing on the Phenolic Profile and Antioxidant Capacity of Rooibos (Aspalathus linearis) Herbal Tea. Antioxidants, 2019, 8, 499.	2.2	31
16	Morphological, Physicochemical and FTIR Spectroscopic Properties of Bee Pollen Loads from Different Botanical Origin. Molecules, 2019, 24, 3974.	1.7	30
17	A synthesis of an optically active forskolin intermediate via allenyl ether intramolecular cycloaddition strategy. Tetrahedron: Asymmetry, 1990, 1, 743-749.	1.8	29
18	Chemometric approach to the analysis of antioxidant properties and colour of typical Italian monofloral honeys. International Journal of Food Science and Technology, 2017, 52, 1138-1146.	1.3	28

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19	Imidazo[2,1-b]thiazole carbamates and acylureas as potential insect control agents. <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 525-529.	1.4	27
20	New insights into N-tert-butyl-1-phenylnitron (PBN) as a spin trap. Part 2.1 The reactivity of PBN and 5,5-dimethyl-4,5-dihydropyrrole N-oxide (DMPO) toward N-heteroaromatic bases. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 887-892.	0.9	27
21	Comparison of Antioxidant Activity Between Aromatic Indolinonic Nitroxides and Natural and Synthetic Antioxidants. <i>Free Radical Research</i> , 2003, 37, 731-741.	1.5	24
22	A study on the interactions between coenzyme Q 0 and superoxide anion. Could ubiquinones mimic superoxide dismutase (SOD)?. <i>Research on Chemical Intermediates</i> , 2000, 26, 269-282.	1.3	23
23	Strong Medium and Counterion Effects upon the Redox Potential of the 12-Tungstocobaltate(III/II) Couple.. <i>Acta Chemica Scandinavica</i> , 1991, 45, 373-376.	0.7	23
24	Reactivity of an indolinonic aminoxyl with superoxide anion and hydroxyl radicals. <i>Free Radical Research</i> , 1999, 31, 113-121.	1.5	21
25	Quinolinic Aminoxyl Protects Albumin Against Peroxyl Radical Mediated Damage. <i>Free Radical Research</i> , 1994, 21, 309-315.	1.5	20
26	Reactivity of Sulfur-Centered Radicals with Indolinonic and Quinolinic Aminoxyls. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2405-2412.	1.2	18
27	Electron transfer reactions. A reinvestigation of the chlorination of 1-methyl-2-phenylindole with N-chlorobenzotriazole. The role of oxygen and oxygenated solvent. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991, , 1779.	0.9	15
28	Radical cations. Part 3. Chemical and electrochemical oxidation of 3,3'-bis-indolizines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 2117-2121.	0.9	14
29	Chemical and electrochemical reduction of ortho-nitroanilides. A combined chemical, polarographic and EPR study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991, , 1019.	0.9	13
30	Cold brewing of rooibos tea affects its sensory profile and physicochemical properties compared to regular hot, and boiled brewing. <i>LWT - Food Science and Technology</i> , 2020, 132, 109919.	2.5	13
31	Resolution, specific rotation and absolute configuration of 2,6,6-trimethylbicyclo[3.2.0]heptan-endo-2-ol and of 2,5-dimethylbicyclo[3.2.0]heptan-endo-2-ol, key intermediate in the synthesis of grandisol.. <i>Tetrahedron: Asymmetry</i> , 1990, 1, 751-758.	1.8	12
32	Antioxidants and light stabilizers. Part 1. Reactions of an indolinone nitroxide and phenoxy radicals. X-ray crystallographic analysis of 1-[O-(3,5-di-tert-butyl-4-hydroxy)-benzyl]-1,2-dihydro-2-methyl-2-phenyl-3-oxo-3H-indole and 3,5-dimethyl-2,5-dimethyl-4,4'-quinone. <i>Polymer Degradation and Stability</i> , 1993, 39, 73-83.	2.7	12
33	Effect of magnesium ion distinguishing between one-step hydrogen- and electron-transfer mechanisms for the reduction of stable neutral radicals by NADH analogues. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1575.	2.0	12
34	On the Reaction of Aminoxyls with Dioxiranes. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 871-876.	1.2	12
35	Reactions of Nitrosoarenes with Nitrogen Monoxide (Nitric Oxide) and Nitrogen Dioxide: Formation of Diarylnitroxides. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3279-3285.	1.2	12
36	Geographical characterisation of multifloral honeys from the Marche region (Italy) according to their antioxidant activity and colour using a chemometric approach. <i>International Journal of Food Science and Technology</i> , 2018, 53, 571-581.	1.3	12

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37	Antioxidants and light stabilizers. Part 2. On the thermal stability of indolinonic nitroxides. <i>Polymer Degradation and Stability</i> , 1993, 39, 215-224.	2.7	11
38	Nanostructured liquid crystalline particles as delivery vectors for isofuranodiene: Characterization and in-vitro anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111050.	2.5	11
39	Oxidative dimerization of quinolinic nitroxides in the presence of trichloro- and trifluoro- acetic acid. Crystal structures of 6,6-bis-(1-oxide-1,2,6,8a-tetrahydroquinoline)ylidene and of 2,3-diphenylquinoline. <i>Tetrahedron</i> , 1993, 49, 5099-5108.	1.0	10
40	Conformational study on indoline compounds. Structures of 2-phenyl-3-arylimino-3H-indole 1-oxide, 1,2-dihydro-2-phenyl-2-benzyl- and 2-tert-butyl-3-phenylimino-3H-indole 1-oxides. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 637-642.		
41	Aromatic secondary amines as antioxidants for polyolefins. Part 2: phenothiazines. <i>Polymer Degradation and Stability</i> , 1995, 50, 305-312.	2.7	10
42	Benzoxazinic nitrones and nitroxides as possible antioxidants in biological systems. <i>RSC Advances</i> , 2013, 3, 22023.	1.7	10
43	EPR and ENDOR study on mixed crystals of an indolinone nitroxide radical and the isoelectronic ketone. I. X-ray structure of pure components and ENDOR of isolated radicals in mixed crystals. <i>Molecular Physics</i> , 1991, 73, 1-14.	0.8	8
44	Nitrenium ions. Part 1. Acid-catalysed reactions of 2-methylindole with nitrosobenzenes. Crystal structures of 2-phenylamino-3-phenylimino-3H-indole, 2-(o-tolylamino)-3-(o-tolylimino)-3H-indole, N-phenyl-N-(2-phenylamino-3H-indol-3-ylidene)amine N-oxide and bis(2-methyl-1H-indol-3-yl)methane. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 1589.	0.9	8
45	New insights on N-tert-butyl-1-phenylnitron (PBN) as a spin trap. Part 1. Reaction between PBN and N-chlorobenzotriazole. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 1297-1305.	0.9	8
46	Competition between nucleophilic addition and electron-transfer process in the reaction of 9-diazo-10-anthrone with grignard reagents. <i>Tetrahedron</i> , 1996, 52, 6795-6802.	1.0	8
47	Nitrenium ions. Part 5. For Part 4 see ref. 1 Reactions of N,N-dimethyl-p-benzoyloxyaniline-iminium chloride with indoles and indolizines. X-ray structure of unexpected [2-chloro-4-(4-dimethylaminophenyl-ONN-azoxy)phenyl]dimethylamine (azoxy derivative). <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3768.	1.5	8
48	Oxazoles formation during alkylation of isonitroso-naphthols. X-ray structure of [1,2]naphthoquinone 1-oxide-(4-tert-butylbenzyl)oxime and 2-(4-tert-butylphenyl)naph[1,2-d]oxazole. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 971-974.	1.4	8
49	The reactivity of manganese dioxide towards different substrates in organic solvents. <i>New Journal of Chemistry</i> , 2015, 39, 8964-8970.	1.4	8
50	The role of oxygen in the reduction of tetrazolium salts with nadh mediated by 5-methyl phenazonium methyl sulfate. An EPR and voltammetric study. <i>Research on Chemical Intermediates</i> , 1993, 19, 643-656.	1.3	7
51	Aromatic secondary amines as antioxidants for polyolefins: Part 1-9,10-dihydroacridine (acridan) derivatives. <i>Polymer Degradation and Stability</i> , 1994, 44, 201-209.	2.7	7
52	Reactivity of 2,2-diphenyl-1,2-dihydro-4-ethoxyquinolin-1-yloxyl towards oxygen- and carbon-centred radicals. <i>Perkin Transactions II RSC</i> , 2000, , 447-451.	1.1	6
53	Radical intermediates in the photorearrangement of 3-hydroxyindolic nitrones. <i>Tetrahedron</i> , 2011, 67, 6889-6894.	1.0	6
54	Synthesis and structural characterization of the first metal complex with an indole nitroxide. <i>Polyhedron</i> , 1993, 12, 1705-1710.	1.0	5

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55	Hydrogen chloride treatment of quinolinic aminoxylys. Part 2. Crystal structures of 6-chloro-1,2-dihydro-2,2-diphenyl- and 6,8-dichloro-1,2-dihydro-2,2-diphenylquinoline. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 769.	0.9	5
56	Chemical and electrochemical reduction of the products from the reactions of isoindolines and tetracyanoethylene. <i>Tetrahedron</i> , 1995, 51, 7451-7458.	1.0	5
57	Antioxidant Activity Level, Bioactive Compounds, Colour and Spectroscopic Analysis (UV-Vis and FT-IR) of Flavoured Drinks Made with Wine and Sour Cherries (<i>Prunuscerasus</i> Var. <i>austera</i>). <i>Foods</i> , 2021, 10, 1953.	1.9	5
58	Antioxidants: How They Work. , 2008, , 251-266.		5
59	Spin labelling of degraded polypropylene. Part I. Formation of oxazolidine nitroxide. <i>Polymer Degradation and Stability</i> , 1994, 45, 415-421.	2.7	3
60	Indolinic and Quinolinic Aminoxylys as Biological Antioxidants. , 1997, , 223-232.		3
61	Photochemical Cleavage of Supercoiled DNA by N-Acyloxy-pyridine-2-thione Acridinyl Derivatives. <i>Journal of Chemical Research Synopses</i> , 1998, , 384-385.	0.3	3
62	On the stereochemistry of the synthesis of 1-(2-cyano-2-methoxyiminoacetyl)-3-ethylurea and its E-configuration crystal structure. <i>Journal of Chemical Research</i> , 2003, 2003, 655-657.	0.6	3
63	Reactions of 1,2-Dihydro-2-methyl-2-phenyl-3H-indole-3-one with Various Halogenating Reagents.. <i>Acta Chemica Scandinavica</i> , 1998, 52, 137-140.	0.7	2
64	Chemical and electrochemical reduction of 2H-indole-3,5-dione and -dione 3-imine N-oxides. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 2217.	0.9	1
65	Nitrenium Ions. Part 3.1 Acid-catalyzed Reactions of 2-tert-Butylindole with Nitrosoarenes. Crystal Structures of 2-tert-Butyl-3-p-tolylimino-3H-indole and 3-tert-Butyl-3-p-tolylamino-1,3-dihydroindol-2-one. <i>Journal of Chemical Research Synopses</i> , 1998, , 232-233.	0.3	1
66	Reactions of an indolinonic nitroxide with superoxide radical anion in the presence of alkylhalides. Unexpected formation of a reduced transposed product. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 459-464.	1.4	1
67	Reaction of endogenous Coenzyme Q10 with nitrogen monoxide and its metabolite nitrogen dioxide. <i>Redox Report</i> , 2019, 24, 56-61.	1.4	1
68	Nitrogen configuration determined by X-ray analysis on an homogeneous series of 3- β -indolinones. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 81-85.	1.4	0
69	Reactions of an Indolinonic Nitroxide with Superoxide Radical Anion in the Presence of Alkylhalides. Unexpected Formation of a Reduced Transposed Product.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
70	Stereochemistry of the Synthesis of 1-(2-Cyano-2-methoxyiminoacetyl)-3-ethylurea and Its E-Configuration Crystal Structure.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
71	Oxazoles Formation During O-Alkylation of Isonitroso-naphthols. X-Ray Structure of [1,2]Naphthoquinone 1-[O-(4-tert-Butyl-benzyl)-oxime] and 2-(4-tert-Butyl-phenyl)naphth[1,2-d]oxazole.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
72	Food Quality and Functionality. , 2020, , 547-564.		0