

Paola Astolfi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

2,202

citations

22

h-index

46

g-index

66

ext. papers

2,454

ext. citations

4.4

avg, IF

4.34

L-index

#	Paper	IF	Citations
62	Sunscreens cause coral bleaching by promoting viral infections. <i>Environmental Health Perspectives</i> , 2008 , 116, 441-7	8.4	317
61	Antioxidant and antimicrobial capacity of several monofloral Cuban honeys and their correlation with color, polyphenol content and other chemical compounds. <i>Food and Chemical Toxicology</i> , 2010 , 48, 2490-9	4.7	264
60	Hydroxylamines as oxidation catalysts: thermochemical and kinetic studies. <i>Journal of Organic Chemistry</i> , 2003 , 68, 1747-54	4.2	207
59	First Effective Nitroxide-Mediated Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2007 , 40, 3108-3114	5.5	150
58	Strawberry polyphenols attenuate ethanol-induced gastric lesions in rats by activation of antioxidant enzymes and attenuation of MDA increase. <i>PLoS ONE</i> , 2011 , 6, e25878	3.7	139
57	New mediators for the enzyme laccase: mechanistic features and selectivity in the oxidation of non-phenolic substrates. <i>New Journal of Chemistry</i> , 2005 , 29, 1308	3.6	134
56	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , 2012 , 50, 1508-16	4.7	109
55	Strawberry consumption improves aging-associated impairments, mitochondrial biogenesis and functionality through the AMP-activated protein kinase signaling cascade. <i>Food Chemistry</i> , 2017 , 234, 464-471	8.5	81
54	Influence of steeping conditions (time, temperature, and particle size) on antioxidant properties and sensory attributes of some white and green teas. <i>International Journal of Food Sciences and Nutrition</i> , 2015 , 66, 491-7	3.7	45
53	Lyotropic Liquid-Crystalline Nanosystems as Drug Delivery Agents for 5-Fluorouracil: Structure and Cytotoxicity. <i>Langmuir</i> , 2017 , 33, 12369-12378	4	42
52	A spectroelectrochemical and chemical study on oxidation of hydroxycinnamic acids in aprotic medium. <i>Electrochimica Acta</i> , 2007 , 52, 2461-2470	6.7	39
51	Alkoxyamines of Stable Aromatic Nitroxides: N?O vs. C?O Bond Homolysis. <i>Helvetica Chimica Acta</i> , 2006 , 89, 2312-2326	2	39
50	Radical-scavenging activity, protective effect against lipid peroxidation and mineral contents of monofloral Cuban honeys. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 31-8	3.9	38
49	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. <i>Food and Chemical Toxicology</i> , 2016 , 94, 128-37	4.7	37
48	Synthesis, structural and spectroscopic characterization and biomimetic properties of new copper, manganese, zinc complexes: identification of possible superoxide-dismutase mimics bearing hydroxyl radical generating/scavenging abilities. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 820-30	4.2	34
47	Assessment of the photo-degradation of UV-filters and radical-induced peroxidation in cosmetic sunscreen formulations. <i>Free Radical Research</i> , 2010 , 44, 304-12	4	31
46	Indolinic nitroxides: evaluation of their potential as universal control agents for nitroxide mediated polymerization. <i>Polymer Chemistry</i> , 2013 , 4, 3694	4.9	28

45	In vitro photostability and photoprotection studies of a novel multi-active UV-absorber. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 345-54	7.8	27
44	On the assessment of photostability of sunscreens exposed to UVA irradiation: from glass plates to pig/human skin, which is best?. <i>International Journal of Pharmaceutics</i> , 2012 , 427, 217-23	6.5	26
43	New Insights into the Reactivity of Nitrogen Dioxide with Substituted Phenols: A Solvent Effect. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 3052-3059	3.2	25
42	Prevention of UVA-induced oxidative damage in human dermal fibroblasts by new UV filters, assessed using a novel in vitro experimental system. <i>PLoS ONE</i> , 2014 , 9, e83401	3.7	23
41	Reactions of indoles with nitrogen dioxide and nitrous acid in an aprotic solvent. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 3282-90	3.9	22
40	Radical intermediates in the peroxidation of indoles. <i>Perkin Transactions II RSC</i> , 2001 , 1634-1640		22
39	Chemometric approach to the analysis of antioxidant properties and colour of typical Italian monofloral honeys. <i>International Journal of Food Science and Technology</i> , 2017 , 52, 1138-1146	3.8	21
38	Nitroxides and a nitroxide-based UV filter have the potential to photoprotect UVA-irradiated human skin fibroblasts against oxidative damage. <i>Journal of Dermatological Science</i> , 2011 , 63, 55-61	4.3	20
37	Investigation of human pancreatic cancer tissues by Fourier Transform Infrared Hyperspectral Imaging. <i>Journal of Biophotonics</i> , 2020 , 13, e201960071	3.1	20
36	Synthesis and application of a novel sunscreen-antioxidant. <i>Free Radical Research</i> , 2006 , 40, 485-94	4	19
35	Aromatic and aliphatic mono- and bis-nitroxides: a study on their radical scavenging abilities. <i>Free Radical Research</i> , 2005 , 39, 325-36	4	16
34	Encapsulation of vitamin B into nanoengineered capsules and soft matter nanosystems for targeted delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 182, 110366	6	15
33	Regio- and Diastereoselectivity in 1,3-Dipolar Cycloaddition Reactions of 2-Phenylisatogen and Its 3-Phenylimino Derivative with Electron-Deficient Alkenes. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 2626-2634	3.2	15
32	Morphological, Physicochemical and FTIR Spectroscopic Properties of Bee Pollen Loads from Different Botanical Origin. <i>Molecules</i> , 2019 , 24,	4.8	14
31	A Convenient Synthesis of (E)-Non-3-ene-2,5-dione, an Important Component Isolated from the Fire Bee <i>Trigona tatraira</i> . <i>Liebigs Annalen</i> , 1996 , 1996, 1879-1880		14
30	Cyclic voltammetry, spectroelectrochemistry and electron spin resonance as combined tools to study thymoquinone in aprotic medium. <i>Electrochimica Acta</i> , 2012 , 60, 230-238	6.7	12
29	Radical trapping properties of 3-aryl-2H-benzo[1,4]oxazin-4-oxides. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8677-82	4.2	12
28	Variability of biological effects of silicas: different degrees of activation of the fifth component of complement by amorphous silicas. <i>Toxicology and Applied Pharmacology</i> , 2005 , 208, 68-77	4.6	12

27	Effects of a cationic surfactant incorporation in phytantriol bulk cubic phases and dispersions loaded with the anticancer drug 5-fluorouracil. <i>Journal of Molecular Liquids</i> , 2019 , 286, 110954	6	11
26	Spin trapping of nitrogen dioxide and of radicals generated from nitrous acid. <i>Free Radical Research</i> , 2005 , 39, 137-44	4	10
25	Selective removal of contaminants of emerging concern (CECs) from urban water cycle via Molecularly Imprinted Polymers (MIPs): Potential of upscaling and enabling reclaimed water reuse. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105051	6.8	10
24	Liponitroxides: EPR study and their efficacy as antioxidants in lipid membranes. <i>RSC Advances</i> , 2015 , 5, 98955-98966	3.7	9
23	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	3.2	9
22	Effect of complexation with randomly methylated beta-cyclodextrin on the aqueous solubility, photostability and antioxidant activity of an indolinonic nitroxide radical. <i>Free Radical Research</i> , 2005 , 39, 41-9	4	9
21	Benzoxazinic nitrones and nitroxides as possible antioxidants in biological systems. <i>RSC Advances</i> , 2013 , 3, 22023	3.7	8
20	The reactivity of manganese dioxide towards different substrates in organic solvents. <i>New Journal of Chemistry</i> , 2015 , 39, 8964-8970	3.6	7
19	Reactions of indolic nitrones and N-heteroaromatic bases under irradiation and chemical oxidation. <i>New Journal of Chemistry</i> , 2003 , 27, 1045-1048	3.6	6
18	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	6	6
17	Synthesis and thermal stability of benzoxazine nitroxides. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9253-60.2	4.2	5
16	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)naph[1,2-d]oxazole. <i>Journal of Heterocyclic Chemistry</i> , 2004 , 41, 971-974	1.9	5
15	Hydrogen abstraction ability of different aromatic nitroxides. <i>Free Radical Research</i> , 2004 , 38, 67-72	4	5
14	On the Role of Nitrogen Monoxide (Nitric Oxide) in the Nitration of a Tyrosine Derivative and Model Compounds. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 4011-4017	3.2	5
13	Antioxidants: How They Work 2008 , 251-266		5
12	Reactions of nitric oxide and nitrogen dioxide with coenzyme Q: involvement of the isoprenic chain. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1399-406	3.9	4
11	Radical intermediates in the photorearrangement of 3-hydroxyindolic nitrones. <i>Tetrahedron</i> , 2011 , 67, 6889-6894	2.4	4
10	Radical cations: reactions of 2-phenylindole with aromatic amines under anodic oxidation. Scission of an amino alkoxy radical. <i>Perkin Transactions II RSC</i> , 2000 , 1749-1756		4

9	Reactions of indoles with nitrogen monoxide: unexpected formation of azo-bis-indoles from 1,2-disubstituted indoles. <i>Nitric Oxide - Biology and Chemistry</i> , 2003 , 8, 202-5	5	3
8	Synchrotron Characterization of Hexagonal and Cubic Lipidic Phases Loaded with Azolate/Phosphane Gold(I) Compounds: A New Approach to the Uploading of Gold(I)-Based Drugs. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
7	Antioxidant Activity Level, Bioactive Compounds, Colour and Spectroscopic Analysis (UV-Vis and FT-IR) of Flavoured Drinks Made with Wine and Sour Cherries (Var.). <i>Foods</i> , 2021 , 10,	4.9	2
6	Reaction of endogenous Coenzyme Q with nitrogen monoxide and its metabolite nitrogen dioxide. <i>Redox Report</i> , 2019 , 24, 56-61	5.9	1
5	The reaction of spiro[indoline-naphthopyrans] with nitrogen oxides. Not a case of biradical double trapping. <i>Magnetic Resonance in Chemistry</i> , 2010 , 48, 25-37	2.1	1
4	A vibrational in vitro approach to evaluate the potential of monoolein nanoparticles as isofuranodiene carrier in MDA-MB 231 breast cancer cell line: New insights from Infrared and Raman microspectroscopies.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 260, 120735	4.4	1
3	Cubic and Hexagonal Mesophases for Protein Encapsulation: Structural Effects of Insulin Confinement. <i>Langmuir</i> , 2021 , 37, 10166-10176	4	1
2	3-Benzyl-3-hydroxy-2-phenyl-3H-indole 1-oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1986-7		
1	2,2-Diphenyl-benzo[c]quinoline-1-ox-yl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1045-6		