

# Elisabetta Damiani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6168863/publications.pdf>

Version: 2024-02-01

94  
papers

3,857  
citations

109264

35  
h-index

138417

58  
g-index

94  
all docs

94  
docs citations

94  
times ranked

5095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sunscreens Cause Coral Bleaching by Promoting Viral Infections. <i>Environmental Health Perspectives</i> , 2008, 116, 441-447.	2.8	426
2	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, 2490-2499.	1.8	341
3	Antioxidant activity of white, green and black tea obtained from the same tea cultivar. <i>Food Research International</i> , 2013, 53, 900-908.	2.9	194
4	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , 2012, 50, 1508-1516.	1.8	134
5	Impact of inorganic UV filters contained in sunscreen products on tropical stony corals ( <i>Acropora</i> ) Tj ETQq1 1 0.784314 rgBT /Overlook	3.9	104
6	Antioxidant activity of different white teas: Comparison of hot and cold tea infusions. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 59-66.	1.9	98
7	Hot vs. cold water steeping of different teas: Do they affect antioxidant activity?. <i>Food Chemistry</i> , 2010, 119, 1597-1604.	4.2	96
8	Changes in ultraviolet absorbance and hence in protective efficacy against lipid peroxidation of organic sunscreens after UVA irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 82, 204-213.	1.7	90
9	Evaluation of nanostructured lipid carriers (NLC) and nanoemulsions as carriers for UV-filters: Characterization, in vitro penetration and photostability studies. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 211-217.	1.9	82
10	Nitroxide radicals protect DNA from damage when illuminated in vitro in the presence of dibenzoylmethane and a common sunscreen ingredient. <i>Free Radical Biology and Medicine</i> , 1999, 26, 809-816.	1.3	72
11	UV-Filter combinations under UV-A exposure: Concomitant quantification of over-all spectral stability and molecular integrity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 87, 95-104.	1.7	67
12	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, 491-497.	1.3	62
13	Understanding the connection between platelet-activating factor, a UV-induced lipid mediator of inflammation, immune suppression and skin cancer. <i>Progress in Lipid Research</i> , 2016, 63, 14-27.	5.3	62
14	Modified TiO <sub>2</sub> particles differentially affect human skin fibroblasts exposed to UVA light. <i>Free Radical Biology and Medicine</i> , 2010, 49, 408-415.	1.3	61
15	Epigenetics and neurodegeneration: role of early-life nutrition. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 1-13.	1.9	55
16	Nanostructured lipid carriers loaded with CoQ10: Effect on human dermal fibroblasts under normal and UVA-mediated oxidative conditions. <i>International Journal of Pharmaceutics</i> , 2013, 455, 348-356.	2.6	53
17	Thymoquinone, a potential therapeutic agent of <i>Nigella sativa</i> , binds to site I of human serum albumin. <i>Phytomedicine</i> , 2010, 17, 714-720.	2.3	52
18	The effects of nitroxide radicals on oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , 2000, 28, 1257-1265.	1.3	50

#	ARTICLE	IF	CITATIONS
19	Lipid Nanoparticles as Carrier for Octyl-Methoxycinnamate: In Vitro Percutaneous Absorption and Photostability Studies. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 301-311.	1.6	49
20	Influence of structure on the antioxidant activity of indolinic nitroxide radicals. <i>Free Radical Biology and Medicine</i> , 1997, 22, 249-255.	1.3	47
21	Sunscreen products impair the early developmental stages of the sea urchin <i>Paracentrotus lividus</i> . <i>Scientific Reports</i> , 2017, 7, 7815.	1.6	47
22	Increased oxidative modification of albumin when illuminated in vitro in the presence of a common sunscreen ingredient: protection by nitroxide radicals. <i>Free Radical Biology and Medicine</i> , 2000, 28, 193-201.	1.3	45
23	Radical-scavenging Activity, Protective Effect Against Lipid Peroxidation and Mineral Contents of Monofloral Cuban Honeys. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 31-38.	1.4	45
24	Detection of DNA Damage in Stressed Trout Nucleated Erythrocytes Using the Comet Assay: Protection by Nitroxide Radicals. <i>Free Radical Biology and Medicine</i> , 1998, 24, 1310-1315.	1.3	44
25	Inhibition of copper-mediated low density lipoprotein peroxidation by quinoline and indolinone nitroxide radicals. <i>Biochemical Pharmacology</i> , 1994, 48, 1155-1161.	2.0	43
26	Polyamines and Cancer. <i>Methods in Molecular Biology</i> , 2018, 1694, 469-488.	0.4	43
27	Unexpected Deoxygenation of 2,2,6,6-Tetramethylpiperidine-1-Oxyl (TEMPO) by Thiyl Radicals through the Formation of Arylsulphonyl Radicals. <i>Tetrahedron</i> , 1995, 51, 12445-12452.	1.0	42
28	Effects of indolinic and quinolinic aminoxyls on protein and lipid peroxidation of rat liver microsomes. <i>Free Radical Biology and Medicine</i> , 1995, 18, 913-917.	1.3	41
29	Lack of in vitro protection by a common sunscreen ingredient on UVA-induced cytotoxicity in keratinocytes. <i>Toxicology</i> , 2004, 203, 165-178.	2.0	41
30	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, 820-830.	1.5	41
31	Reference gene validation for qPCR on normoxia- and hypoxia-cultured human dermal fibroblasts exposed to UVA: Is $\beta$ -actin a reliable normalizer for photoaging studies?. <i>Journal of Biotechnology</i> , 2011, 156, 153-162.	1.9	41
32	Role of Coenzyme Q10 in Health and Disease: An Update on the Last 10 Years (2010-2020). <i>Antioxidants</i> , 2021, 10, 1325.	2.2	39
33	Synthesis and thermal stability of alkoxyamines. <i>Polymer Degradation and Stability</i> , 1997, 55, 323-327.	2.7	37
34	Vitamin E Consumption Induced by Oxidative Stress in Red Blood Cells Is Enhanced by Melatonin and Reduced by N-Acetylserotonin. <i>Free Radical Biology and Medicine</i> , 1998, 24, 1187-1192.	1.3	37
35	Assessment of the photo-degradation of UV-filters and radical-induced peroxidation in cosmetic sunscreen formulations. <i>Free Radical Research</i> , 2010, 44, 304-312.	1.5	36
36	Chemical and electrochemical study on the interactions of aminoxyls with superoxide anion. <i>Tetrahedron</i> , 1996, 52, 11257-11264.	1.0	35

#	ARTICLE	IF	CITATIONS
37	A comparative study on the possible cytotoxic effects of different nanostructured lipid carrier (NLC) compositions in human dermal fibroblasts. <i>International Journal of Pharmaceutics</i> , 2015, 495, 879-885.	2.6	35
38	Hiporfinin-mediated Photodynamic Therapy in Preclinical Treatment of Osteosarcoma. <i>Photochemistry and Photobiology</i> , 2015, 91, 533-544.	1.3	35
39	In vitro photostability and photoprotection studies of a novel 'multi-active' UV-absorber. <i>Free Radical Biology and Medicine</i> , 2008, 45, 345-354.	1.3	34
40	The effects of derivatives of the nitroxide tempol on UVA-mediated in vitro lipid and protein oxidation. <i>Free Radical Biology and Medicine</i> , 2002, 33, 128-136.	1.3	33
41	Indolinic and quinolinic aminoxyls as protectants against oxidative stress. <i>Free Radical Biology and Medicine</i> , 1993, 15, 203-208.	1.3	32
42	Temperature-Induced Molten Globule-like State in Human $\alpha$ 1-Acid Glycoprotein: An Infrared Spectroscopic Study. <i>Biochemistry</i> , 2005, 44, 15997-16006.	1.2	31
43	Impact of Cold versus Hot Brewing on the Phenolic Profile and Antioxidant Capacity of Rooibos ( <i>Aspalathus linearis</i> ) Herbal Tea. <i>Antioxidants</i> , 2019, 8, 499.	2.2	31
44	N-Acetyl Cysteine Targets Hepatic Lipid Accumulation to Curb Oxidative Stress and Inflammation in NAFLD: A Comprehensive Analysis of the Literature. <i>Antioxidants</i> , 2020, 9, 1283.	2.2	31
45	Astaxanthin-Loaded Stealth Lipid Nanoparticles (AST-SSLN) as Potential Carriers for the Treatment of Alzheimer's Disease: Formulation Development and Optimization. <i>Nanomaterials</i> , 2021, 11, 391.	1.9	31
46	Nanocarriers and Microcarriers for Enhancing the UV Protection of Sunscreens: An Overview. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3769-3780.	1.6	30
47	How reliable are in vitro IC50 values? Values vary with cytotoxicity assays in human glioblastoma cells. <i>Toxicology Letters</i> , 2019, 302, 28-34.	0.4	30
48	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.	1.1	29
49	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, 217-223.	2.6	28
50	Characterization of Thymoquinone Binding to Human $\alpha$ 1-Acid Glycoprotein. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 2564-2573.	1.6	26
51	Comparison of Antioxidant Activity Between Aromatic Indolinic Nitroxides and Natural and Synthetic Antioxidants. <i>Free Radical Research</i> , 2003, 37, 731-741.	1.5	24
52	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
53	Nitroxide radicals protect against DNA damage in rat epithelial cells induced by nitric oxide, nitroxyl anion and peroxynitrite. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 535, 117-125.	0.9	23
54	Polar extracts from the berry-like fruits of <i>Hypericum androsaemum</i> L. as a promising ingredient in skin care formulations. <i>Journal of Ethnopharmacology</i> , 2017, 195, 255-265.	2.0	23

#	ARTICLE	IF	CITATIONS
55	From Sea to Skin: Is There a Future for Natural Photoprotectants?. <i>Marine Drugs</i> , 2021, 19, 379.	2.2	22
56	Reactivity of an indolinonic aminoxy with superoxide anion and hydroxyl radicals. <i>Free Radical Research</i> , 1999, 31, 113-121.	1.5	21
57	Action of quinolinic and indolinonic aminoxy radicals as radical-scavenging antioxidants. <i>Chemistry and Physics of Lipids</i> , 1999, 99, 11-19.	1.5	21
58	Synthesis and application of a novel sunscreen-antioxidant. <i>Free Radical Research</i> , 2006, 40, 485-494.	1.5	21
59	Nitroxides are more efficient inhibitors of oxidative damage to calf skin collagen than antioxidant vitamins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 58-68.	1.1	21
60	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.	1.0	21
61	Modulation of Oxidative Status by Normoxia and Hypoxia on Cultures of Human Dermal Fibroblasts: How Does It Affect Cell Aging?. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	21
62	Quinolinic Aminoxy Protects Albumin Against Peroxyl Radical Mediated Damage. <i>Free Radical Research</i> , 1994, 21, 309-315.	1.5	20
63	Effect of Aromatic Nitroxides on Hemolysis of Human Erythrocytes Entrapped With Isolated Hemoglobin Chains. <i>Free Radical Biology and Medicine</i> , 1997, 23, 278-284.	1.3	20
64	Reaction of indolinonic aminoxy radicals with nitric oxide. <i>Perkin Transactions II RSC</i> , 2001, , 1139-1144.	1.1	19
65	Reactivity of Sulfur-Centered Radicals with Indolinonic and Quinolinic Aminoxy Radicals. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2405-2412.	1.2	18
66	Aromatic and aliphatic mono- and bis-nitroxides: A study on their radical scavenging abilities. <i>Free Radical Research</i> , 2005, 39, 325-336.	1.5	17
67	The Protective Role of Bioactive Quinones in Stress-induced Senescence Phenotype of Endothelial Cells Exposed to Cigarette Smoke Extract. <i>Antioxidants</i> , 2020, 9, 1008.	2.2	17
68	Platelet-Activating Factor Induces Epigenetic Modifications in Human Mast Cells. <i>Journal of Investigative Dermatology</i> , 2015, 135, 3034-3040.	0.3	15
69	Platelet-activating factor induces cell cycle arrest and disrupts the DNA damage response in mast cells. <i>Cell Death and Disease</i> , 2015, 6, e1745-e1745.	2.7	15
70	The Effect of Indolinic and Quinolinic Nitroxide Radicals on Trout Erythrocytes Exposed to Oxidative Stress. <i>Free Radical Research</i> , 1998, 28, 507-516.	1.5	14
71	Cyto- and genotoxic effects of novel aromatic nitroxide radicals in vitro. <i>Free Radical Biology and Medicine</i> , 2000, 28, 330-336.	1.3	14
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	On the Reaction of Aminoxyls with Dioxiranes. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 871-876.	1.2	12
75	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
76	Altered expression of $\alpha$ -actin, smooth muscle myosin heavy chain-1 and calponin in cultured smooth muscle cells by oxidized low density lipoproteins. <i>FEBS Letters</i> , 1998, 425, 123-125.	1.3	11
77	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, 41-49.	1.5	11
78	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
79	Conformational study on indoline compounds. Structures of 2-phenyl-3-carylimino-3H-indole 1-oxide, 1,2-dihydro-2-phenyl-2-benzyl- and 2-tert-butyl-3-phenylimino-3H-indole 1-oxyls. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 637-642.		
80	Repurposing of idebenone as a potential anti-cancer agent. <i>Biochemical Journal</i> , 2019, 476, 245-259.	1.7	10
81	Targeting Epigenetic "Readers" with Natural Compounds for Cancer Interception. <i>Journal of Cancer Prevention</i> , 2020, 25, 189-203.	0.8	8
82	Hydrogen Abstraction Ability of Different Aromatic Nitroxides. <i>Free Radical Research</i> , 2004, 38, 67-72.	1.5	6
83	Platelet activating factor-induced expression of p21 is correlated with histone acetylation. <i>Scientific Reports</i> , 2017, 7, 41959.	1.6	6
84	Synthesis and structural characterization of the first metal complex with an indole nitroxide. <i>Polyhedron</i> , 1993, 12, 1705-1710.	1.0	5
85	Hydrogen chloride treatment of quinolinic aminoxyls. 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
86	Interaction between trialkyl phosphites and aminoxyl radicals: a model study for polymer stabilization. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1363-1368.	0.9	5
87	Antioxidants: How They Work. , 2008, , 251-266.		5
88	Valorisation of <i>Crocus sativus</i> flower parts for herbal infusions: impact of brewing conditions on phenolic profiling, antioxidant capacity and sensory traits. <i>International Journal of Food Science and Technology</i> , 2022, 57, 3838-3849.	1.3	5
89	Comparative In Vitro Antioxidant Capacity and Terpenoid Profiling of Pumpkin Fruit Pulp from a Serbian <i>Cucurbita maxima</i> and <i>Cucurbita moschata</i> Breeding Collection. <i>Antioxidants</i> , 2021, 10, 1580.	2.2	4
90	Indolinic and Quinolinic Aminoxyls as Biological Antioxidants. , 1997, , 223-232.		3

#	ARTICLE	IF	CITATIONS
91	Fluorescence study on rat epithelial cells and liposomes exposed to aromatic nitroxides. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 137, 355-362.	1.3	2
92	Alternative Ingredients for Feed and Food. , 2020, , 529-545.		2
93	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
94	Nutrigenomics as a Strategy for Neuronal Health. <i>Healthy Ageing and Longevity</i> , 2019, , 167-187.	0.2	1