

Fausta Natella

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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.

55 papers	3,780 citations	27 h-index	55 g-index
55 ext. papers	4,154 ext. citations	5.1 avg, IF	5.02 L-index

#	Paper	IF	Citations
55	Total antioxidant capacity as a tool to assess redox status: critical view and experimental data. <i>Free Radical Biology and Medicine</i> , 2000 , 29, 1106-14	7.8	663
54	Benzoic and cinnamic acid derivatives as antioxidants: structure-activity relation. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 1453-9	5.7	462
53	Absorption of phenolic acids in humans after coffee consumption. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 5735-41	5.7	294
52	Coffee drinking influences plasma antioxidant capacity in humans. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6211-6	5.7	238
51	Polyphenols synergistically inhibit oxidative stress in subjects given red and white wine. <i>Atherosclerosis</i> , 2006 , 188, 77-83	3.1	157
50	Detection of bound phenolic acids: prevention by ascorbic acid and ethylenediaminetetraacetic acid of degradation of phenolic acids during alkaline hydrolysis. <i>Food Chemistry</i> , 2002 , 79, 119-124	8.5	145
49	Grape seed proanthocyanidins prevent plasma postprandial oxidative stress in humans. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 7720-5	5.7	141
48	Nutrigenomics of extra-virgin olive oil: A review. <i>BioFactors</i> , 2017 , 43, 17-41	6.1	117
47	Beer increases plasma antioxidant capacity in humans. <i>Journal of Nutritional Biochemistry</i> , 2000 , 11, 76-80	6.3	112
46	Effect of caffeic acid dietary supplementation on the antioxidant defense system in rat: an in vivo study. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 342, 157-60	4.1	105
45	Phenolic acids from beer are absorbed and extensively metabolized in humans. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 14-22	6.3	96
44	Coffee drinking induces incorporation of phenolic acids into LDL and increases the resistance of LDL to ex vivo oxidation in humans. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 604-9	7	92
43	Red wine mitigates the postprandial increase of LDL susceptibility to oxidation. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 1036-44	7.8	87
42	Organic and Phenolic Acids in Beer. <i>LWT - Food Science and Technology</i> , 1999 , 32, 535-539	5.4	85
41	Effect of caffeic acid on tert-butyl hydroperoxide-induced oxidative stress in U937. <i>Free Radical Biology and Medicine</i> , 1998 , 25, 1098-105	7.8	83
40	Ferulic acid excretion as a marker of consumption of a French maritime pine (<i>Pinus maritima</i>) bark extract. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 1249-56	7.8	73
39	Role of dietary polyphenols in platelet aggregation. A review of the supplementation studies. <i>Platelets</i> , 2007 , 18, 224-43	3.6	69

38	Role of coffee in modulation of diabetes risk. <i>Nutrition Reviews</i> , 2012 , 70, 207-17	6.4	65
37	Effect of coffee drinking on platelets: inhibition of aggregation and phenols incorporation. <i>British Journal of Nutrition</i> , 2008 , 100, 1276-82	3.6	60
36	Moringa oleifera : study of phenolics and glucosinolates by mass spectrometryT <i>Journal of Mass Spectrometry</i> , 2014 , 49, 900-10	2.2	56
35	Effects of olive polyphenols administration on nerve growth factor and brain-derived neurotrophic factor in the mouse brain. <i>Nutrition</i> , 2013 , 29, 681-7	4.8	54
34	Host: Microbiome co-metabolic processing of dietary polyphenols - An acute, single blinded, cross-over study with different doses of apple polyphenols in healthy subjects. <i>Food Research International</i> , 2018 , 112, 108-128	7	48
33	A liquid chromatography-mass spectrometry approach to study "glucosinoloma" in broccoli sprouts. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1198-206	2.2	34
32	4-methylcoumarins as antioxidants: scavenging of peroxy radicals and inhibition of human low-density lipoprotein oxidation. <i>Biochimie</i> , 2010 , 92, 1147-52	4.6	31
31	Improvement of the nutraceutical quality of broccoli sprouts by elicitation. <i>Food Chemistry</i> , 2016 , 201, 101-9	8.5	30
30	A multi-methodological approach in the study of Italian PDO "Cornetto di Pontecorvo" red sweet pepper. <i>Food Chemistry</i> , 2018 , 255, 120-131	8.5	28
29	Red wine prevents the postprandial increase in plasma cholesterol oxidation products: a pilot study. <i>British Journal of Nutrition</i> , 2011 , 105, 1718-23	3.6	28
28	T ocopherol, E carotene, lutein, squalene and secoiridoids in seven monocultivar Italian extra-virgin olive oils. <i>International Journal of Food Sciences and Nutrition</i> , 2017 , 68, 538-545	3.7	26
27	Absorption, metabolism, and effects at transcriptome level of a standardized French oak wood extract, Robuvit, in healthy volunteers: pilot study. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 443-53	5.7	26
26	Identification and quantification of glucosinolates in different tissues of <i>Raphanus raphanistrum</i> by liquid chromatography tandem-mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2017 , 61, 20-27	4.1	20
25	Oxidative stress inhibition by resveratrol in alcohol-dependent mice. <i>Nutrition</i> , 2020 , 79-80, 110783	4.8	19
24	Olive polyphenol effects in a mouse model of chronic ethanol addiction. <i>Nutrition</i> , 2017 , 33, 65-69	4.8	19
23	TNF- α and IL-10 modulation induced by polyphenols extracted by olive pomace in a mouse model of paw inflammation. <i>Annali Dell'istituto Superiore Di Sanita</i> , 2015 , 51, 382-6	1.6	19
22	Glucosinolates redox activities: can they act as antioxidants?. <i>Food Chemistry</i> , 2014 , 149, 226-32	8.5	18
21	Effect of oxidized low-density lipoprotein on differential gene expression in primary human endothelial cells. <i>Antioxidants and Redox Signaling</i> , 2003 , 5, 237-47	8.4	17

20	Untargeted Metabolomics Reveals Predominant Alterations in Lipid Metabolism Following Light Exposure in Broccoli Sprouts. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 13678-91	6.3	15
19	Selenium supplementation prevents the increase in atherogenic electronegative LDL (LDL minus) in the postprandial phase. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007 , 17, 649-56	4.5	15
18	Metabolomic study of wild and cultivated caper (<i>Capparis spinosa</i> L.) from different areas of Sardinia and their comparative evaluation. <i>Journal of Mass Spectrometry</i> , 2016 , 51, 716-28	2.2	15
17	Glucoraphanin and sulforaphane evolution during juice preparation from broccoli sprouts. <i>Food Chemistry</i> , 2018 , 268, 249-256	8.5	14
16	One site on the apoB-100 specifically binds 17-beta-estradiol and regulates the overall structure of LDL. <i>FASEB Journal</i> , 2003 , 17, 2127-9	0.9	12
15	Nutraceutical Improvement Increases the Protective Activity of Broccoli Sprout Juice in a Human Intestinal Cell Model of Gut Inflammation. <i>Pharmaceuticals</i> , 2016 , 9,	5.2	12
14	Phenolics fate in table olives (<i>Olea europaea</i> L. cv. Nocellara del Belice) debittered using the Spanish and Castelvetro methods. <i>Food Research International</i> , 2017 , 100, 369-376	7	11
13	Glucosinolates in Food. <i>Reference Series in Phytochemistry</i> , 2017 , 87-132	0.7	10
12	Two apples a day modulate human: microbiome co-metabolic processing of polyphenols, tyrosine and tryptophan. <i>European Journal of Nutrition</i> , 2020 , 59, 3691-3714	5.2	10
11	MICROWAVE AND TRADITIONAL COOKING METHODS: EFFECT OF COOKING ON ANTIOXIDANT CAPACITY AND PHENOLIC COMPOUNDS CONTENT OF SEVEN VEGETABLES. <i>Journal of Food Biochemistry</i> , 2010 , 34, no-no	3.3	9
10	Supplementation with dairy matrices impacts on homocysteine levels and gut microbiota composition of hyperhomocysteinemic mice. <i>European Journal of Nutrition</i> , 2020 , 59, 345-358	5.2	9
9	Glucosinolates in Food 2016 , 1-46		8
8	Oxidative modification of human low-density lipoprotein by horseradish peroxidase in the absence of hydrogen peroxide. <i>Free Radical Research</i> , 1998 , 29, 427-34	4	8
7	Selective changes in DNA binding activity of transcription factors in UM-X7.1 cardiomyopathic hamsters. <i>Life Sciences</i> , 2002 , 71, 2369-81	6.8	8
6	Buckwheat Hull Extracts Inhibit Growth and AFB Biosynthesis. <i>Frontiers in Microbiology</i> , 2019 , 10, 1997	5.7	3
5	Enhancement of D-chiro-inositol transport across intestinal cells by alpha-Lactalbumin peptides. <i>European Review for Medical and Pharmacological Sciences</i> , 2020 , 24, 10143-10154	2.9	2
4	Is Sugar-Sweetened Beverage Consumption a Possible Confounder in the Inverse Association Between Coffee and Kidney Disease?. <i>American Journal of Kidney Diseases</i> , 2018 , 72, 462	7.4	1
3	The Absorption and Metabolism of Phenolic Acids From Beer in Man 2009 , 491-498		1

- 2 Human Metabolites of (Extract) Modulates Fibroblast Extracellular Matrix Components in Response to UV-A Irradiation.. *Frontiers in Pharmacology*, **2021**, 12, 747638 5.6 o
- 1 Postprandial Events as a Trigger for Redox Unbalance: Role of Dietary Lipid Hydroperoxides and Antioxidants **2008**, 303-313