

JosÃ© Luis Quiles

List of Publications by Year in descending order

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206
papers

11,536
citations

26630

56
h-index

36028

97
g-index

208
all docs

208
docs citations

208
times ranked

14207
citing authors

#	ARTICLE	IF	CITATIONS
1	The strawberry: Composition, nutritional quality, and impact on human health. <i>Nutrition</i> , 2012, 28, 9-19.	2.4	695
2	Olive oil and health: Summary of the II international conference on olive oil and health consensus report, Jaén and Córdoba (Spain) 2008. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 284-294.	2.6	449
3	Phenolic Compounds in Honey and Their Associated Health Benefits: A Review. <i>Molecules</i> , 2018, 23, 2322.	3.8	380
4	One-month strawberry-rich anthocyanin supplementation ameliorates cardiovascular risk, oxidative stress markers and platelet activation in humans. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 289-294.	4.2	286
5	Antioxidant nutrients and adriamycin toxicity. <i>Toxicology</i> , 2002, 180, 79-95.	4.2	281
6	Hydroxytyrosol: from laboratory investigations to future clinical trials. <i>Nutrition Reviews</i> , 2010, 68, 191-206.	5.8	260
7	Strawberry as a health promoter: an evidence based review. <i>Food and Function</i> , 2015, 6, 1386-1398.	4.6	255
8	Oral administration of a turmeric extract inhibits LDL oxidation and has hypocholesterolemic effects in rabbits with experimental atherosclerosis. <i>Atherosclerosis</i> , 1999, 147, 371-378.	0.8	239
9	Metabolic Syndrome and Periodontitis: Is Oxidative Stress a Common Link?. <i>Journal of Dental Research</i> , 2009, 88, 503-518.	5.2	209
10	Hydroxytyrosol: Bioavailability, toxicity, and clinical applications. <i>Food Research International</i> , 2018, 105, 654-667.	6.2	205
11	Interaction of dietary polyphenols and gut microbiota: Microbial metabolism of polyphenols, influence on the gut microbiota, and implications on host health. <i>Food Frontiers</i> , 2020, 1, 109-133.	7.4	172
12	The effects of bioactive compounds from plant foods on mitochondrial function: A focus on apoptotic mechanisms. <i>Food and Chemical Toxicology</i> , 2014, 68, 154-182.	3.6	171
13	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.	2.5	166
14	Curcuma longa Extract Supplementation Reduces Oxidative Stress and Attenuates Aortic Fatty Streak Development in Rabbits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1225-1231.	2.4	158
15	Anti-inflammatory effect of strawberry extract against LPS-induced stress in RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2017, 102, 1-10.	3.6	150
16	New advances in molecular mechanisms and the prevention of adriamycin toxicity by antioxidant nutrients. <i>Food and Chemical Toxicology</i> , 2010, 48, 1425-1438.	3.6	134
17	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , 2012, 50, 1508-1516.	3.6	134
18	Activation of AMPK/Nrf2 signalling by Manuka honey protects human dermal fibroblasts against oxidative damage by improving antioxidant response and mitochondrial function promoting wound healing. <i>Journal of Functional Foods</i> , 2016, 25, 38-49.	3.4	132

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19	Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. <i>Molecules</i> , 2016, 21, 169.	3.8	130
20	The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity?. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, S46-S59.	10.3	129
21	Curcumin and liver disease. <i>BioFactors</i> , 2013, 39, 88-100.	5.4	126
22	Relevance of functional foods in the Mediterranean diet: the role of olive oil, berries and honey in the prevention of cancer and cardiovascular diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 893-920.	10.3	126
23	The genetic aspects of berries: from field to health. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 365-371.	3.5	124
24	Hydroxytyrosol ameliorates oxidative stress and mitochondrial dysfunction in doxorubicin-induced cardiotoxicity in rats with breast cancer. <i>Biochemical Pharmacology</i> , 2014, 90, 25-33.	4.4	118
25	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice. <i>Aging Cell</i> , 2020, 19, e13050.	6.7	111
26	Autophagy in periodontitis patients and gingival fibroblasts: unraveling the link between chronic diseases and inflammation. <i>BMC Medicine</i> , 2012, 10, 122.	5.5	110
27	Olive oil phenolics: effects on DNA oxidation and redox enzyme mRNA in prostate cells. <i>British Journal of Nutrition</i> , 2002, 88, 225-234.	2.3	105
28	An anthocyanin-rich strawberry extract protects against oxidative stress damage and improves mitochondrial functionality in human dermal fibroblasts exposed to an oxidizing agent. <i>Food and Function</i> , 2014, 5, 1939.	4.6	105
29	Tissue Specific Interactions of Exercise, Dietary Fatty Acids, and Vitamin E in Lipid Peroxidation. <i>Free Radical Biology and Medicine</i> , 1998, 24, 511-521.	2.9	100
30	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.	8.2	98
31	Free radicals in breast carcinogenesis, breast cancer progression and cancer stem cells. Biological bases to develop oxidative-based therapies. <i>Critical Reviews in Oncology/Hematology</i> , 2011, 80, 347-368.	4.4	97
32	Mitochondrial dysfunction promoted by <i>Porphyromonas gingivalis</i> lipopolysaccharide as a possible link between cardiovascular disease and periodontitis. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1336-1343.	2.9	96
33	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 577-634.	5.4	96
34	Photoprotective Potential of Strawberry (<i>Fragaria</i> — <i>ananassa</i>) Extract against UV-A Irradiation Damage on Human Fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2322-2327.	5.2	94
35	Role of vitamin E and phenolic compounds in the antioxidant capacity, measured by ESR, of virgin olive, olive and sunflower oils after frying. <i>Food Chemistry</i> , 2002, 76, 461-468.	8.2	91
36	Strawberry consumption improves plasma antioxidant status and erythrocyte resistance to oxidative haemolysis in humans. <i>Food Chemistry</i> , 2011, 128, 180-186.	8.2	89

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37	Age-related changes in brain mitochondrial DNA deletion and oxidative stress are differentially modulated by dietary fat type and coenzyme Q10. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1053-1064.	2.9	88
38	Polyphenol-Rich Strawberry Extract Protects Human Dermal Fibroblasts against Hydrogen Peroxide Oxidative Damage and Improves Mitochondrial Functionality. <i>Molecules</i> , 2014, 19, 7798-7816.	3.8	87
39	Coenzyme Q supplementation protects from age-related DNA double-strand breaks and increases lifespan in rats fed on a PUFA-rich diet. <i>Experimental Gerontology</i> , 2004, 39, 189-194.	2.8	77
40	Olive oil and modulation of cell signaling in disease prevention. <i>Lipids</i> , 2004, 39, 1223-31.	1.7	75
41	Coenzyme Q concentration and total antioxidant capacity of human milk at different stages of lactation in mothers of preterm and full-term infants. <i>Free Radical Research</i> , 2006, 40, 199-206.	3.3	75
42	Lipid Accumulation in HepG2 Cells Is Attenuated by Strawberry Extract through AMPK Activation. <i>Nutrients</i> , 2017, 9, 621.	4.1	74
43	AMPK as a New Attractive Therapeutic Target for Disease Prevention: The Role of Dietary Compounds AMPK and Disease Prevention. <i>Current Drug Targets</i> , 2016, 17, 865-889.	2.1	74
44	The potential impact of strawberry on human health. <i>Natural Product Research</i> , 2013, 27, 448-455.	1.8	73
45	Phenolic Compounds Isolated from Olive Oil as Nutraceutical Tools for the Prevention and Management of Cancer and Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2305.	4.1	73
46	Dietary fat type (virgin olive vs. sunflower oils) affects age-related changes in DNA double-strand-breaks, antioxidant capacity and blood lipids in rats. <i>Experimental Gerontology</i> , 2004, 39, 1189-1198.	2.8	72
47	Curcumin ameliorates rabbits's steatohepatitis via respiratory chain, oxidative stress, and TNF- α . <i>Free Radical Biology and Medicine</i> , 2009, 47, 924-931.	2.9	71
48	Strawberry-Tree Honey Induces Growth Inhibition of Human Colon Cancer Cells and Increases ROS Generation: A Comparison with Manuka Honey. <i>International Journal of Molecular Sciences</i> , 2017, 18, 613.	4.1	71
49	The inhibitory effect of Manuka honey on human colon cancer HCT-116 and LoVo cell growth. Part 1: the suppression of cell proliferation, promotion of apoptosis and arrest of the cell cycle. <i>Food and Function</i> , 2018, 9, 2145-2157.	4.6	67
50	Manuka honey synergistically enhances the chemopreventive effect of 5-fluorouracil on human colon cancer cells by inducing oxidative stress and apoptosis, altering metabolic phenotypes and suppressing metastasis ability. <i>Free Radical Biology and Medicine</i> , 2018, 126, 41-54.	2.9	67
51	An update on the mechanisms related to cell death and toxicity of doxorubicin and the protective role of nutrients. <i>Food and Chemical Toxicology</i> , 2019, 134, 110834.	3.6	67
52	Physical exercise affects the lipid profile of mitochondrial membranes in rats fed with virgin olive oil or sunflower oil. <i>British Journal of Nutrition</i> , 1999, 81, 21-24.	2.3	62
53	Bee Products: An Emblematic Example of Underutilized Sources of Bioactive Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6833-6848.	5.2	62
54	A plasma metabolomic signature discloses human breast cancer. <i>Oncotarget</i> , 2017, 8, 19522-19533.	1.8	61

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55	Periodontitis is associated with altered plasma fatty acids and cardiovascular risk markers. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 133-139.	2.6	60
56	Coenzyme Q and Its Role in the Dietary Therapy against Aging. <i>Molecules</i> , 2016, 21, 373.	3.8	60
57	Targeting molecular pathways in cancer stem cells by natural bioactive compounds. <i>Pharmacological Research</i> , 2018, 135, 150-165.	7.1	60
58	Hydroxytyrosol inhibits growth and cell proliferation and promotes high expression of sfrp4 in rat mammary tumours. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S117-26.	3.3	58
59	The Effect of Dietary Polyphenols on Vascular Health and Hypertension: Current Evidence and Mechanisms of Action. <i>Nutrients</i> , 2022, 14, 545.	4.1	58
60	The intake of fried virgin olive or sunflower oils differentially induces oxidative stress in rat liver microsomes. <i>British Journal of Nutrition</i> , 2002, 88, 57-65.	2.3	56
61	The reciprocal interaction between polyphenols and other dietary compounds: Impact on bioavailability, antioxidant capacity and other physico-chemical and nutritional parameters. <i>Food Chemistry</i> , 2022, 375, 131904.	8.2	55
62	Strawberry extracts efficiently counteract inflammatory stress induced by the endotoxin lipopolysaccharide in Human Dermal Fibroblast. <i>Food and Chemical Toxicology</i> , 2018, 114, 128-140.	3.6	54
63	NLRP3-inflammasome inhibition prevents high fat and high sugar diets-induced heart damage through autophagy induction. <i>Oncotarget</i> , 2017, 8, 99740-99756.	1.8	53
64	Ageing-related tissue-specific alterations in mitochondrial composition and function are modulated by dietary fat type in the rat. <i>Journal of Bioenergetics and Biomembranes</i> , 2002, 34, 517-524.	2.3	52
65	Lipid peroxidation and antioxidants in erythrocyte membranes of full term and preterm newborns. <i>BioFactors</i> , 1998, 8, 133-137.	5.4	51
66	Biological Effect of Licochalcone C on the Regulation of PI3K/Akt/eNOS and NF- κ B/iNOS/NO Signaling Pathways in H9c2 Cells in Response to LPS Stimulation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 690.	4.1	51
67	Strawberry-Based Cosmetic Formulations Protect Human Dermal Fibroblasts against UVA-Induced Damage. <i>Nutrients</i> , 2017, 9, 605.	4.1	50
68	The Paradox of Coenzyme Q10 in Aging. <i>Nutrients</i> , 2019, 11, 2221.	4.1	50
69	Aging-related oxidative stress depends on dietary lipid source in rat postmitotic tissues. <i>Journal of Bioenergetics and Biomembranes</i> , 2003, 35, 267-275.	2.3	49
70	Oxidative Stress in Erythrocytes from Premature and Full-term Infants During their First 72 h of Life. <i>Free Radical Research</i> , 2003, 37, 317-322.	3.3	49
71	Age-Related Mitochondrial DNA Deletion in Rat Liver Depends on Dietary Fat Unsaturation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 107-114.	3.6	48
72	Strawberry intake increases blood fluid, erythrocyte and mononuclear cell defenses against oxidative challenge. <i>Food Chemistry</i> , 2014, 156, 87-93.	8.2	48

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73	Do nutrients and other bioactive molecules from foods have anything to say in the treatment against COVID-19?. <i>Environmental Research</i> , 2020, 191, 110053.	7.5	48
74	Diets Based on Virgin Olive Oil or Fish Oil but Not on Sunflower Oil Prevent Age-Related Alveolar Bone Resorption by Mitochondrial-Related Mechanisms. <i>PLoS ONE</i> , 2013, 8, e74234.	2.5	48
75	Coenzyme Q addition to an n-6 PUFA-rich diet resembles benefits on age-related mitochondrial DNA deletion and oxidative stress of a MUFA-rich diet in rat heart. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 38-47.	4.6	47
76	Dietary oils high in oleic acid, but with different non-glyceride contents, have different effects on lipid profiles and peroxidation in rabbit hepatic mitochondria. <i>Journal of Nutritional Biochemistry</i> , 2001, 12, 357-364.	4.2	46
77	Mitochondrial dysfunctions during aging: vitamin E deficiency or caloric restriction—two different ways of modulating stress. <i>Journal of Bioenergetics and Biomembranes</i> , 2003, 35, 181-191.	2.3	46
78	Coenzyme Q10 Protects From Aging-Related Oxidative Stress and Improves Mitochondrial Function in Heart of Rats Fed a Polyunsaturated Fatty Acid (PUFA)-Rich Diet. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 970-975.	3.6	46
79	Doxorubicin-Induced Oxidative Stress in Rats Is Efficiently Counteracted by Dietary Anthocyanin Differently Enriched Strawberry (<i>Fragaria</i> — <i>Ananassa</i> Duch.). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3935-3943.	5.2	46
80	The healthy effects of strawberry bioactive compounds on molecular pathways related to chronic diseases. <i>Annals of the New York Academy of Sciences</i> , 2017, 1398, 62-71.	3.8	46
81	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.	3.2	45
82	Strawberry (cv. Romina) Methanolic Extract and Anthocyanin-Enriched Fraction Improve Lipid Profile and Antioxidant Status in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1149.	4.1	45
83	Molecular characterization of autophagic and apoptotic signaling induced by sorafenib in liver cancer cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 692-708.	4.1	45
84	Dietary fat type and regular exercise affect mitochondrial composition and function depending on specific tissue in the rat. <i>Journal of Bioenergetics and Biomembranes</i> , 2001, 33, 127-134.	2.3	44
85	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. <i>Food and Chemical Toxicology</i> , 2016, 94, 128-137.	3.6	44
86	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. <i>Molecules</i> , 2018, 23, 1226.	3.8	44
87	Life-long supplementation with a low dosage of coenzyme Q ₁₀ in the rat: Effects on antioxidant status and DNA damage. <i>BioFactors</i> , 2005, 25, 73-86.	5.4	43
88	An ethanolic aqueous extract of <i>Curcuma longa</i> decreases the susceptibility of liver microsomes and mitochondria to lipid peroxidation in atherosclerotic rabbits. <i>BioFactors</i> , 1998, 8, 51-57.	5.4	42
89	Oxidative Stress Induced by Exercise and Dietary Fat Modulates the Coenzyme Q and Vitamin A Balance Between Plasma and Mitochondria. <i>International Journal for Vitamin and Nutrition Research</i> , 1999, 69, 243-249.	1.5	41
90	Feeding fried oil changes antioxidant and fatty acid pattern of rat and affects rat liver mitochondrial respiratory chain components. <i>Journal of Bioenergetics and Biomembranes</i> , 2002, 34, 127-134.	2.3	41

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91	The inhibitory effect of Manuka honey on human colon cancer HCT-116 and LoVo cell growth. Part 2: Induction of oxidative stress, alteration of mitochondrial respiration and glycolysis, and suppression of metastatic ability. <i>Food and Function</i> , 2018, 9, 2158-2170.	4.6	39
92	Gene pathways associated with mitochondrial function, oxidative stress and telomere length are differentially expressed in the liver of rats fed lifelong on virgin olive, sunflower or fish oils. <i>Journal of Nutritional Biochemistry</i> , 2018, 52, 36-44.	4.2	39
93	Strawberry (<i>Fragaria</i> — <i>Ananassa</i> cv. Romina) methanolic extract attenuates Alzheimer's beta amyloid production and oxidative stress by SKN-1/NRF and DAF-16/FOXO mediated mechanisms in <i>C. elegans</i> . <i>Food Chemistry</i> , 2022, 372, 131272.	8.2	37
94	Could NLRP3 Inflammasome Be a Cardiovascular Risk Biomarker in Acute Myocardial Infarction Patients?. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 269-275.	5.4	36
95	The protective effect of acerola (<i>Malpighia emarginata</i>) against oxidative damage in human dermal fibroblasts through the improvement of antioxidant enzyme activity and mitochondrial functionality. <i>Food and Function</i> , 2017, 8, 3250-3258.	4.6	36
96	Are by-products from beeswax recycling process a new promising source of bioactive compounds with biomedical properties?. <i>Food and Chemical Toxicology</i> , 2018, 112, 126-133.	3.6	36
97	Protective effects of raspberry on the oxidative damage in HepG2 cells through Keap1/Nrf2-dependent signaling pathway. <i>Food and Chemical Toxicology</i> , 2019, 133, 110781.	3.6	36
98	Coenzyme Q content depends upon oxidative stress and dietary fat unsaturation. <i>Molecular Aspects of Medicine</i> , 1997, 18, 129-135.	6.4	35
99	Vitamin E Supplementation Increases the Stability and the <i>In Vivo</i> Antioxidant Capacity of Refined Olive Oil. <i>Free Radical Research</i> , 1999, 31, 129-135.	3.3	35
100	Squalene ameliorates atherosclerotic lesions through the reduction of CD36 scavenger receptor expression in macrophages. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 733-740.	3.3	35
101	Strawberry tree honey as a new potential functional food. Part 1: Strawberry tree honey reduces colon cancer cell proliferation and colony formation ability, inhibits cell cycle and promotes apoptosis by regulating EGFR and MAPKs signaling pathways. <i>Journal of Functional Foods</i> , 2019, 57, 439-452.	3.4	35
102	Dietary oils high in oleic acid but with different unsaponifiable fraction contents have different effects in fatty acid composition and peroxidation in rabbit LDL. <i>Nutrition</i> , 2002, 18, 60-65.	2.4	34
103	Gingival vascular damage in atherosclerotic rabbits: Hydroxytyrosol and squalene benefits. <i>Food and Chemical Toxicology</i> , 2009, 47, 2327-2331.	3.6	33
104	The Influence of <i>In Vitro</i> Gastrointestinal Digestion on the Anticancer Activity of Manuka Honey. <i>Antioxidants</i> , 2020, 9, 64.	5.1	32
105	Long-term effects of systemic cancer treatment on DNA oxidative damage: The potential for targeted therapies. <i>Cancer Letters</i> , 2012, 327, 134-141.	7.2	31
106	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. <i>Antioxidants</i> , 2015, 4, 447-481.	5.1	31
107	Wide Biological Role of Hydroxytyrosol: Possible Therapeutic and Preventive Properties in Cardiovascular Diseases. <i>Cells</i> , 2020, 9, 1932.	4.1	31
108	Dietary phytochemicals modulate intestinal epithelial barrier dysfunction and autoimmune diseases. <i>Food Frontiers</i> , 2021, 2, 357-382.	7.4	31

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109	Effect of Lifelong Coenzyme Q10 Supplementation on Age-Related Oxidative Stress and Mitochondrial Function in Liver and Skeletal Muscle of Rats Fed on a Polyunsaturated Fatty Acid (PUFA)-Rich Diet. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 1211-1218.	3.6	30
110	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. <i>Antioxidants</i> , 2015, 4, 322-344.	5.1	29
111	Strawberry (<i>Fragaria</i> Å— <i>ananassa</i> cv. Romina) methanolic extract promotes browning in 3T3-L1 cells. <i>Food and Function</i> , 2020, 11, 297-304.	4.6	29
112	Role of flavonoids against adriamycin toxicity. <i>Food and Chemical Toxicology</i> , 2020, 146, 111820.	3.6	29
113	Molecular inflammation and oxidative stress are shared mechanisms involved in both myocardial infarction and periodontitis. <i>Journal of Periodontal Research</i> , 2020, 55, 519-528.	2.7	29
114	Virgin olive and fish oils enhance the hepatic antioxidant defence system in atherosclerotic rabbits. <i>Clinical Nutrition</i> , 2003, 22, 379-384.	5.0	28
115	Impact of Diet on Breast Cancer Risk: A Review of Experimental and Observational Studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 49-75.	10.3	28
116	Transcriptional Shift Identifies a Set of Genes Driving Breast Cancer Chemoresistance. <i>PLoS ONE</i> , 2013, 8, e53983.	2.5	28
117	Strawberry tree honey as a new potential functional food. Part 2: Strawberry tree honey increases ROS generation by suppressing Nrf2-ARE and NF- κ B signaling pathways and decreases metabolic phenotypes and metastatic activity in colon cancer cells. <i>Journal of Functional Foods</i> , 2019, 57, 477-487.	3.4	28
118	Modulation by hydroxytyrosol of oxidative stress and antitumor activities of paclitaxel in breast cancer. <i>European Journal of Nutrition</i> , 2019, 58, 1203-1211.	3.9	28
119	Edible flowers as a health promoter: An evidence-based review. <i>Trends in Food Science and Technology</i> , 2021, 117, 46-59.	15.1	27
120	Peroxidative extent and Coenzyme Q levels in the rat: Influence of physical training and dietary fats. <i>Molecular Aspects of Medicine</i> , 1994, 15, s89-s95.	6.4	26
121	Dietary fat (virgin olive oil or sunflower oil) and physical training interactions on blood lipids in the rat. <i>Nutrition</i> , 2003, 19, 363-368.	2.4	26
122	Role of Lipids in the Onset, Progression and Treatment of Periodontal Disease. A Systematic Review of Studies in Humans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1202.	4.1	26
123	Reductive Stress, Bioactive Compounds, Redox-Active Metals, and Dormant Tumor Cell Biology to Develop Redox-Based Tools for the Treatment of Cancer. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 860-881.	5.4	26
124	The spread of SARS-CoV-2 in Spain: Hygiene habits, sociodemographic profile, mobility patterns and comorbidities. <i>Environmental Research</i> , 2021, 192, 110223.	7.5	25
125	An oleuropein rich-olive (<i>Olea europaea</i> L.) leaf extract reduces β -amyloid and tau proteotoxicity through regulation of oxidative- and heat shock-stress responses in <i>Caenorhabditis elegans</i> . <i>Food and Chemical Toxicology</i> , 2022, 162, 112914.	3.6	25
126	Autophagic dysfunction in patients with Papillon-Lefevre syndrome is restored by recombinant cathepsin C treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1131-1143.e7.	2.9	24

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127	An Olive-Derived Extract 20% Rich in Hydroxytyrosol Prevents Î²-Amyloid Aggregation and Oxidative Stress, Two Features of Alzheimer Disease, via SKN-1/NRF2 and HSP-16.2 in <i>Caenorhabditis elegans</i> . <i>Antioxidants</i> , 2022, 11, 629.	5.1	24
128	Gene-expression profiles, tumor microenvironment, and cancer stem cells in breast cancer: Latest advances towards an integrated approach. <i>Cancer Treatment Reviews</i> , 2010, 36, 477-484.	7.7	23
129	Effects of caloric restriction on immunosurveillance, microbiota and cancer cell phenotype: Possible implications for cancer treatment. <i>Seminars in Cancer Biology</i> , 2021, 73, 45-57.	9.6	23
130	Alcohol Consumption, Bone Mineral Density, and Risk of Osteoporotic Fractures: A Dose-Response Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1515.	2.6	23
131	Structural Damage Induced by Peroxidation May Account for Functional Impairment of Heavy Synaptic Mitochondria. <i>Free Radical Research</i> , 2002, 36, 479-484.	3.3	21
132	Alterations in the Oxidation Products, Antioxidant Markers, Antioxidant Capacity and Lipid Patterns in Plasma of Patients Affected by Papillon-LefÃ©vre Syndrome. <i>Free Radical Research</i> , 2003, 37, 603-609.	3.3	21
133	Oxidative stress status in an institutionalised elderly group after the intake of a phenolic-rich dessert. <i>British Journal of Nutrition</i> , 2004, 91, 943-950.	2.3	21
134	Comparative Analysis of Pancreatic Changes in Aged Rats Fed Life Long With Sunflower, Fish, or Olive Oils. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 934-944.	3.6	21
135	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. <i>Molecules</i> , 2016, 21, 1183.	3.8	21
136	Coenzyme Q Protects Against Age-Related Alveolar Bone Loss Associated to n-6 Polyunsaturated Fatty Acid Rich-Diets by Modulating Mitochondrial Mechanisms. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 593-600.	3.6	21
137	Influence of dietary lipids on lipoprotein composition and LDL Cu ²⁺ -induced oxidation in rabbits with experimental atherosclerosis. <i>BioFactors</i> , 1998, 8, 79-85.	5.4	20
138	Age-Related Loss in Bone Mineral Density of Rats Fed Lifelong on a Fish Oil-Based Diet Is Avoided by Coenzyme Q10 Addition. <i>Nutrients</i> , 2017, 9, 176.	4.1	20
139	Ultra-Small Iron Nanoparticles Target Mitochondria Inducing Autophagy, Acting on Mitochondrial DNA and Reducing Respiration. <i>Pharmaceutics</i> , 2021, 13, 90.	4.5	20
140	Cerebral cortex synaptic heavy mitochondria may represent the oldest synaptic mitochondrial population: biochemical heterogeneity and effects of L-acetylcarnitine. <i>Journal of Bioenergetics and Biomembranes</i> , 2000, 32, 163-173.	2.3	19
141	Oxidative stress status in liver mitochondria and lymphocyte DNA damage of atherosclerotic rabbits supplemented with water soluble coenzyme Q ₁₀ . <i>BioFactors</i> , 2008, 32, 263-273.	5.4	19
142	A Pilot Study of the Photoprotective Effects of Strawberry-Based Cosmetic Formulations on Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17870-17884.	4.1	19
143	Protective Effect of Strawberry Extract against Inflammatory Stress Induced in Human Dermal Fibroblasts. <i>Molecules</i> , 2017, 22, 164.	3.8	19
144	Loss of Bone Mineral Density Associated with Age in Male Rats Fed on Sunflower Oil Is Avoided by Virgin Olive Oil Intake or Coenzyme Q Supplementation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1397.	4.1	19

#	ARTICLE	IF	CITATIONS
145	Olive Oil and Mitochondrial Oxidative Stress. <i>International Journal for Vitamin and Nutrition Research</i> , 2006, 76, 178-183.	1.5	18
146	Strawberry tree honey in combination with 5-fluorouracil enhances chemosensitivity in human colon adenocarcinoma cells. <i>Food and Chemical Toxicology</i> , 2021, 156, 112484.	3.6	18
147	The efficacy of berries against lipopolysaccharide-induced inflammation: A review. <i>Trends in Food Science and Technology</i> , 2021, 117, 74-91.	15.1	18
148	Effect of <i>In vitro</i> Gastrointestinal Digestion on the Bioaccessibility of Phenolic Compounds and Antioxidant Activity of Manuka Honey. <i>EFood</i> , 2020, 1, 85-93.	3.1	18
149	Oral administration of a turmeric extract inhibits erythrocyte and liver microsome membrane oxidation in rabbits fed with an atherogenic diet. <i>Nutrition</i> , 2003, 19, 800-804.	2.4	17
150	Monounsaturated and ω -3 but not ω -6 polyunsaturated fatty acids improve hepatic fibrosis in hypercholesterolemic rabbits. <i>Nutrition</i> , 2005, 21, 363-371.	2.4	17
151	Does Chemotherapy-Induced Oxidative Stress Improve the Survival Rates of Breast Cancer Patients?. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 903-909.	5.4	17
152	Effect of Brazil Nuts on Selenium Status, Blood Lipids, and Biomarkers of Oxidative Stress and Inflammation: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Antioxidants</i> , 2022, 11, 403.	5.1	16
153	Coenzyme Q differentially modulates phospholipid hydroperoxide glutathione peroxidase gene expression and free radicals production in malignant and non-malignant prostate cells. <i>BioFactors</i> , 2003, 18, 265-270.	5.4	15
154	Role of Olive Oil and Monounsaturated Fatty Acids in Mitochondrial Oxidative Stress and Aging. <i>Nutrition Reviews</i> , 2006, 64, S31-S39.	5.8	15
155	Protection of mitochondria during cold storage of liver and following transplantation: comparison of the two solutions, University of Wisconsin and Eurocollins. <i>Journal of Bioenergetics and Biomembranes</i> , 2006, 38, 49-55.	2.3	15
156	Oxidative stress status in metastatic breast cancer patients receiving palliative chemotherapy and its impact on survival rates. <i>Free Radical Research</i> , 2012, 46, 2-10.	3.3	15
157	The intake of fried virgin olive or sunflower oils differentially induces oxidative stress in rat liver microsomes. <i>British Journal of Nutrition</i> , 2002, 88, 57-65.	2.3	15
158	Adherence to the Mediterranean-Style Eating Pattern and Macular Degeneration: A Systematic Review of Observational Studies. <i>Nutrients</i> , 2022, 14, 2028.	4.1	15
159	Sunflower Oil but Not Fish Oil Resembles Positive Effects of Virgin Olive Oil on Aged Pancreas after Life-Long Coenzyme Q Addition. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23425-23445.	4.1	14
160	Heart Histopathology and Mitochondrial Ultrastructure in Aged Rats Fed for 24 Months on Different Unsaturated Fats (Virgin Olive Oil, Sunflower Oil or Fish Oil) and Affected by Different Longevity. <i>Nutrients</i> , 2019, 11, 2390.	4.1	14
161	Novel Polymeric Nanocarriers Reduced Zinc and Doxycycline Toxicity in the Nematode <i>Caenorhabditis elegans</i> . <i>Antioxidants</i> , 2019, 8, 550.	5.1	14
162	In vitro study of the protective effect of manganese against vanadium-mediated nuclear and mitochondrial DNA damage. <i>Food and Chemical Toxicology</i> , 2020, 135, 110900.	3.6	14

#	ARTICLE	IF	CITATIONS
163	Confirmation of oxidative stress and fatty acid disturbances in two further <sc>P</sc>apillonâ€™ <sc>L</sc>efÃ©vre syndrome families with identification of a new mutation. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2014, 28, 1049-1056.	2.4	13
164	Industrial-Scale Decontamination Procedure Effects on the Content of Acaricides, Heavy Metals and Antioxidant Capacity of Beeswax. <i>Molecules</i> , 2019, 24, 1518.	3.8	13
165	Effect of polyphenols on HER2-positive breast cancer and related miRNAs: Epigenomic regulation. <i>Food Research International</i> , 2020, 137, 109623.	6.2	13
166	The central role of mitochondria in the relationship between dietary lipids and cancer progression. <i>Seminars in Cancer Biology</i> , 2021, 73, 86-100.	9.6	13
167	Diabetes Mellitus and Periodontitis Share Intracellular Disorders as the Main Meeting Point. <i>Cells</i> , 2021, 10, 2411.	4.1	13
168	Plasma antioxidants are strongly affected by ironâ€™induced lipid peroxidation in rats subjected to physical exercise and different dietary fats. <i>BioFactors</i> , 1998, 8, 119-127.	5.4	11
169	Virgin olive oil: a key healthy component of the Mediterranean diet. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2008, 1, 69-75.	0.5	11
170	Dietary antioxidants for chronic periodontitis prevention and its treatment: a review on current evidences from animal and human studies. <i>Ars Pharmaceutica</i> , 2015, 56, 131-140.	0.3	11
171	Hydroxytyrosol Supplementation Modifies Plasma Levels of Tissue Inhibitor of Metalloproteinase 1 in Women with Breast Cancer. <i>Antioxidants</i> , 2019, 8, 393.	5.1	11
172	Longevity and Cause of Death in Male Wistar Rats Fed Lifelong Diets Based on Virgin Olive Oil, Sunflower Oil, or Fish Oil. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 75, 442-451.	3.6	11
173	Unravelling potential biomedical applications of the edible flower <i>Tulbaghia violacea</i> . <i>Food Chemistry</i> , 2022, 381, 132096.	8.2	11
174	Rabbit liver mitochondria coenzyme Q10 and hydroperoxide levels: An experimental model of atherosclerosis. <i>Molecular Aspects of Medicine</i> , 1997, 18, 233-236.	6.4	10
175	<i>Rosa x hybrida</i> extracts with dual actions: Antiproliferative effects against tumour cells and inhibitor of Alzheimer disease. <i>Food and Chemical Toxicology</i> , 2021, 149, 112018.	3.6	10
176	The relationship between insulin resistance and periodontitis is not affected by Mediterranean diet in a Spanish population. <i>Archives of Oral Biology</i> , 2017, 77, 62-67.	1.8	9
177	Absence of Rapid Adaptation of the Exocrine Pancreas of Conscious Dogs to Diets Enriched in Fat or Carbohydrates. <i>Archives of Physiology and Biochemistry</i> , 1996, 104, 819-825.	2.1	8
178	A Diet Rich in Saturated Fat and Cholesterol Aggravates the Effect of Bacterial Lipopolysaccharide on Alveolar Bone Loss in a Rabbit Model of Periodontal Disease. <i>Nutrients</i> , 2020, 12, 1405.	4.1	8
179	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3146.	4.1	8
180	Role of Olive Oil and Monounsaturated Fatty Acids in Mitochondrial Oxidative Stress and Aging. <i>Nutrition Reviews</i> , 2006, 64, 31-39.	5.8	7

#	ARTICLE	IF	CITATIONS
181	Beeswax by-Products Efficiently Counteract the Oxidative Damage Induced by an Oxidant Agent in Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2842.	4.1	7
182	Anti-inflammatory activities of Italian Chestnut and Eucalyptus honeys on murine RAW 264.7 macrophages. <i>Journal of Functional Foods</i> , 2021, 87, 104752.	3.4	7
183	Twenty-four Months Feeding on Unsaturated Dietary Fats (Virgin Olive, Sunflower, or Fish Oil) Differentially Modulate Gingival Mitochondria in the Rat. <i>EFood</i> , 2020, 1, 61-68.	3.1	7
184	Virgin olive oil: a key healthy component of the Mediterranean diet. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2008, 1, 69-75.	0.5	6
185	Modulation of CAT-2B-Mediated L-Arginine Uptake and Nitric Oxide Biosynthesis in HCT116 Cell Line Through Biological Activity of 4-geranyloxyferulic Acid Extract from Quinoa Seeds. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3262.	4.1	6
186	A gliclazide complex based on palladium towards Alzheimer's disease: promising protective activity against A β -induced toxicity in <i>C. elegans</i> . <i>Chemical Communications</i> , 2022, 58, 1514-1517.	4.1	6
187	Lipid peroxidation and antioxidants in newborns. <i>Molecular Aspects of Medicine</i> , 1997, 18, 229-232.	6.4	5
188	Periodontitis and Other Risk Factors Related to Myocardial Infarction and Its Follow-Up. <i>Journal of Clinical Medicine</i> , 2022, 11, 2618.	2.4	5
189	Potential Role of the Mitochondria for the Dermatological Treatment of Papillon-Lefèvre. <i>Antioxidants</i> , 2021, 10, 95.	5.1	4
190	Molecular Interactions between Dietary Lipids and Bone Tissue during Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6473.	4.1	4
191	Data on body weight and liver functionality in aged rats fed an enriched strawberry diet. <i>Data in Brief</i> , 2017, 13, 432-436.	1.0	3
192	Usefulness of beeswax recycling by-products in the treatment of A β -amyloid toxicity in a <i>C. elegans</i> model of Alzheimer. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2020, 13, 163-173.	0.5	3
193	The role of coenzyme Q10 in the protection of bone health during aging. , 2020, , 173-182.		3
194	Molecular bases for the use of functional foods in the management of healthy aging: Berries, curcumin, virgin olive oil and honey; three realities and a promise. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11967-11986.	10.3	3
195	Nutrition-linked chronic disease and periodontitis: are they the two faces of the same coin?. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2009, 2, 103-109.	0.5	2
196	Nutrition-linked chronic disease and periodontitis: are they the two faces of the same coin?. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2009, 2, 103-109.	0.5	2
197	Virgin olive oil minor components as natural drugs for the treatment of breast cancer: preliminary experiments on squalene. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2010, 3, 221-225.	0.5	2
198	L-Arginine Ameliorates Defective Autophagy in GM2 Gangliosidosis by mTOR Modulation. <i>Cells</i> , 2021, 10, 3122.	4.1	2

#	ARTICLE	IF	CITATIONS
199	Virgin olive oil minor components as natural drugs for the treatment of breast cancer: preliminary experiments on squalene. Mediterranean Journal of Nutrition and Metabolism, 2010, 3, 221-225.	0.5	1
200	Hydroxytyrosol as a Component of the Mediterranean Diet and Its Role in Disease Prevention. , 2015, , 205-215.		1
201	<i>Food Frontiers</i>: An academically sponsored new journal. Food Frontiers, 2020, 1, 3-5.	7.4	1
202	Evaluation of the Analgesic Efficacy of a Bioelectronic Device in Non-Specific Chronic Low Back Pain with Neuropathic Component. A Randomized Trial. Journal of Clinical Medicine, 2021, 10, 1781.	2.4	1
203	The Role of Nutrition in Periodontal Diseases. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 251-278.	0.4	1
204	Coenzyme Q, mtDNA and Mitochondrial Dysfunction During Aging. , 2020, , 191-225.		1
205	Hydroxytyrosol as a component in the Mediterranean diet and its role in disease prevention. , 2020, , 165-178.		0
206	Olive oil, dietary fat and ageing, a mitochondrial approach. Grasas Y Aceites, 2004, 55, .	0.9	0