

Jos Luis Quiles

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.

193
papers

8,644
citations

51
h-index

85
g-index

208
ext. papers

10,046
ext. citations

5.7
avg, IF

5.91
L-index

#	Paper	IF	Citations
193	The strawberry: composition, nutritional quality, and impact on human health. <i>Nutrition</i> , 2012 , 28, 9-19	4.8	507
192	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, 284-94	4.5	383
191	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, 289-94	6.3	251
190	Antioxidant nutrients and adriamycin toxicity. <i>Toxicology</i> , 2002 , 180, 79-95	4.4	245
189	Hydroxytyrosol: from laboratory investigations to future clinical trials. <i>Nutrition Reviews</i> , 2010 , 68, 191-204	4.4	224
188	Oral administration of a turmeric extract inhibits LDL oxidation and has hypocholesterolemic effects in rabbits with experimental atherosclerosis. <i>Atherosclerosis</i> , 1999 , 147, 371-8	3.1	205
187	Phenolic Compounds in Honey and Their Associated Health Benefits: A Review. <i>Molecules</i> , 2018 , 23,	4.8	204
186	Strawberry as a health promoter: an evidence based review. <i>Food and Function</i> , 2015 , 6, 1386-98	6.1	200
185	The effects of bioactive compounds from plant foods on mitochondrial function: a focus on apoptotic mechanisms. <i>Food and Chemical Toxicology</i> , 2014 , 68, 154-82	4.7	153
184	Metabolic syndrome and periodontitis: is oxidative stress a common link?. <i>Journal of Dental Research</i> , 2009 , 88, 503-18	8.1	153
183	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
182	Curcuma longa extract supplementation reduces oxidative stress and attenuates aortic fatty streak development in rabbits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1225-31	9.4	137
181	Hydroxytyrosol: Bioavailability, toxicity, and clinical applications. <i>Food Research International</i> , 2018 , 105, 654-667	7	135
180	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	4.7	124
179	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	5.1	110
178	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , 2012 , 50, 1508-16	4.7	109
177	New advances in molecular mechanisms and the prevention of adriamycin toxicity by antioxidant nutrients. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1425-38	4.7	109

176	The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity?. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56 Suppl 1, S46-59	11.5	106
175	The genetic aspects of berries: from field to health. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 365-71	4.3	104
174	Hydroxytyrosol ameliorates oxidative stress and mitochondrial dysfunction in doxorubicin-induced cardiotoxicity in rats with breast cancer. <i>Biochemical Pharmacology</i> , 2014 , 90, 25-33	6	104
173	Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. <i>Molecules</i> , 2016 , 21, 169	4.8	95
172	Tissue specific interactions of exercise, dietary fatty acids, and vitamin E in lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 511-21	7.8	92
171	Curcumin and liver disease. <i>BioFactors</i> , 2013 , 39, 88-100	6.1	91
170	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, 1939-48	6.1	89
169	Olive oil phenolics: effects on DNA oxidation and redox enzyme mRNA in prostate cells. <i>British Journal of Nutrition</i> , 2002 , 88, 225-34; discussion 223-4	3.6	89
168	Autophagy in periodontitis patients and gingival fibroblasts: unraveling the link between chronic diseases and inflammation. <i>BMC Medicine</i> , 2012 , 10, 122	11.4	87
167	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	11.5	85
166	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
165	Photoprotective potential of strawberry (<i>Fragaria × ananassa</i>) extract against UV-A irradiation damage on human fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 2322-7	5.7	79
164	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, 347-68	7	79
163	Strawberry consumption improves plasma antioxidant status and erythrocyte resistance to oxidative haemolysis in humans. <i>Food Chemistry</i> , 2011 , 128, 180-6	8.5	78
162	Age-related changes in brain mitochondrial DNA deletion and oxidative stress are differentially modulated by dietary fat type and coenzyme Q ₁₀ . <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1053-64	7.8	75
161	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	8.5	75
160	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	4.2	74
159	Polyphenol-rich strawberry extract protects human dermal fibroblasts against hydrogen peroxide oxidative damage and improves mitochondrial functionality. <i>Molecules</i> , 2014 , 19, 7798-816	4.8	72

158	Mitochondrial dysfunction promoted by Porphyromonas gingivalis lipopolysaccharide as a possible link between cardiovascular disease and periodontitis. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1336-43	7.8	71
157	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 577-634	8.4	69
156	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, 189-94	4.5	69
155	Olive oil and modulation of cell signaling in disease prevention. <i>Lipids</i> , 2004 , 39, 1223-31	1.6	68
154	Lipid Accumulation in HepG2 Cells Is Attenuated by Strawberry Extract through AMPK Activation. <i>Nutrients</i> , 2017 , 9,	6.7	64
153	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, 1189-98	4.5	64
152	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	4	63
151	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice. <i>Aging Cell</i> , 2020 , 19, e13050	9.9	61
150	Curcumin ameliorates rabbits' steatohepatitis via respiratory chain, oxidative stress, and TNF-alpha. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 924-31	7.8	58
149	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, 865-89	3	57
148	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,	6.3	56
147	The potential impact of strawberry on human health. <i>Natural Product Research</i> , 2013 , 27, 448-55	2.3	55
146	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	3.6	54
145	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	6.1	53
144	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	3.6	53
143	Periodontitis is associated with altered plasma fatty acids and cardiovascular risk markers. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010 , 20, 133-9	4.5	51
142	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,	6.3	49
141	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 Suppl 1, S117-26	5.9	49

140	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	7.8	45
139	Lipid peroxidation and antioxidants in erythrocyte membranes of full-term and preterm newborns. <i>BioFactors</i> , 1998 , 8, 133-7	6.1	45
138	A plasma metabolomic signature discloses human breast cancer. <i>Oncotarget</i> , 2017 , 8, 19522-19533	3.3	44
137	Strawberry intake increases blood fluid, erythrocyte and mononuclear cell defenses against oxidative challenge. <i>Food Chemistry</i> , 2014 , 156, 87-93	8.5	44
136	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, 517-24	3.7	44
135	Targeting molecular pathways in cancer stem cells by natural bioactive compounds. <i>Pharmacological Research</i> , 2018 , 135, 150-165	10.2	43
134	Aging-related oxidative stress depends on dietary lipid source in rat postmitotic tissues. <i>Journal of Bioenergetics and Biomembranes</i> , 2003 , 35, 267-75	3.7	43
133	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	6.5	42
132	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	5.6	42
131	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, 970-5	6.4	41
130	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,	6.3	40
129	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, 181-91	3.7	40
128	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, 127-34	3.7	40
127	Coenzyme Q and Its Role in the Dietary Therapy against Aging. <i>Molecules</i> , 2016 , 21, 373	4.8	40
126	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	4.7	39
125	Doxorubicin-induced oxidative stress in rats is efficiently counteracted by dietary anthocyanin differently enriched strawberry (<i>Fragaria × ananassa</i> Duch.). <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 3935-43	5.7	39
124	Strawberry-Based Cosmetic Formulations Protect Human Dermal Fibroblasts against UVA-Induced Damage. <i>Nutrients</i> , 2017 , 9,	6.7	39
123	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	3.7	39

122	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
121	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, 107-14	6.4	38
120	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. <i>Food and Chemical Toxicology</i> , 2016 , 94, 128-37	4.7	37
119	NLRP3-inflammasome inhibition prevents high fat and high sugar diets-induced heart damage through autophagy induction. <i>Oncotarget</i> , 2017 , 8, 99740-99756	3.3	37
118	An ethanolic-aqueous extract of Curcuma longa decreases the susceptibility of liver microsomes and mitochondria to lipid peroxidation in atherosclerotic rabbits. <i>BioFactors</i> , 1998 , 8, 51-7	6.1	37
117	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, 243-9	1.7	37
116	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	4.7	36
115	Oxidative stress in erythrocytes from premature and full-term infants during their first 72 h of life. <i>Free Radical Research</i> , 2003 , 37, 317-22	4	36
114	Life-long supplementation with a low dosage of coenzyme Q10 in the rat: effects on antioxidant status and DNA damage. <i>BioFactors</i> , 2005 , 25, 73-86	6.1	36
113	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	6.3	36
112	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, 127-34	3.7	35
111	Molecular characterization of autophagic and apoptotic signaling induced by sorafenib in liver cancer cells. <i>Journal of Cellular Physiology</i> , 2018 , 234, 692-708	7	34
110	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,	6.3	33
109	Could NLRP3-Inflammasome Be a Cardiovascular Risk Biomarker in Acute Myocardial Infarction Patients?. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 269-275	8.4	31
108	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	7.9	31
107	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, 60-5	4.8	30
106	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	6.1	29
105	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	6.3	28

104	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	6.1	28
103	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	4.7	27
102	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. <i>Antioxidants</i> , 2015 , 4, 447-81	7.1	27
101	Squalene ameliorates atherosclerotic lesions through the reduction of CD36 scavenger receptor expression in macrophages. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 733-40	5.9	27
100	Gingival vascular damage in atherosclerotic rabbits: hydroxytyrosol and squalene benefits. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2327-31	4.7	27
99	Coenzyme Q content depends upon oxidative stress and dietary fat unsaturation. <i>Molecular Aspects of Medicine</i> , 1997 , 18 Suppl, S129-35	16.7	27
98	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	5.1	26
97	The Paradox of Coenzyme Q in Aging. <i>Nutrients</i> , 2019 , 11,	6.7	25
96	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. <i>Molecules</i> , 2018 , 23,	4.8	25
95	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	11.5	25
94	Virgin olive and fish oils enhance the hepatic antioxidant defence system in atherosclerotic rabbits. <i>Clinical Nutrition</i> , 2003 , 22, 379-84	5.9	25
93	Peroxidative extent and coenzyme Q levels in the rat: influence of physical training and dietary fats. <i>Molecular Aspects of Medicine</i> , 1994 , 15 Suppl, s89-95	16.7	25
92	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	5.1	24
91	Vitamin E supplementation increases the stability and the in vivo antioxidant capacity of refined olive oil. <i>Free Radical Research</i> , 1999 , 31 Suppl, S129-35	4	24
90	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, 1211-8	6.4	23
89	Dietary fat (virgin olive oil or sunflower oil) and physical training interactions on blood lipids in the rat. <i>Nutrition</i> , 2003 , 19, 363-8	4.8	23
88	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	4.7	22
87	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. <i>Antioxidants</i> , 2015 , 4, 322-44	7.1	21

86	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, 477-84	14.4	20
85	Structural damage induced by peroxidation may account for functional impairment of heavy synaptic mitochondria. <i>Free Radical Research</i> , 2002 , 36, 479-84	4	20
84	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	4.3	19
83	Transcriptional shift identifies a set of genes driving breast cancer chemoresistance. <i>PLoS ONE</i> , 2013 , 8, e53983	3.7	19
82	Alterations in the oxidation products, antioxidant markers, antioxidant capacity and lipid patterns in plasma of patients affected by Papillon-Lefèvre syndrome. <i>Free Radical Research</i> , 2003 , 37, 603-9	4	19
81	The Influence of In Vitro Gastrointestinal Digestion on the Anticancer Activity of Manuka Honey. <i>Antioxidants</i> , 2020 , 9,	7.1	18
80	Long-term effects of systemic cancer treatment on DNA oxidative damage: the potential for targeted therapies. <i>Cancer Letters</i> , 2012 , 327, 134-41	9.9	18
79	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	6.1	18
78	Oxidative stress status in an institutionalised elderly group after the intake of a phenolic-rich dessert. <i>British Journal of Nutrition</i> , 2004 , 91, 943-50	3.6	18
77	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, 163-73	3.7	18
76	Strawberry (<i>Fragaria × ananassa</i> cv. Romina) methanolic extract promotes browning in 3T3-L1 cells. <i>Food and Function</i> , 2020 , 11, 297-304	6.1	18
75	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, 934-44	6.4	17
74	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	8.4	16
73	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	6.4	16
72	Does chemotherapy-induced oxidative stress improve the survival rates of breast cancer patients?. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 903-9	8.4	16
71	Oxidative stress status in liver mitochondria and lymphocyte DNA damage of atherosclerotic rabbits supplemented with water soluble coenzyme Q10. <i>BioFactors</i> , 2008 , 32, 263-73	6.1	16
70	Modulation by hydroxytyrosol of oxidative stress and antitumor activities of paclitaxel in breast cancer. <i>European Journal of Nutrition</i> , 2019 , 58, 1203-1211	5.2	16
69	Protective Effect of Strawberry Extract against Inflammatory Stress Induced in Human Dermal Fibroblasts. <i>Molecules</i> , 2017 , 22,	4.8	15

68	Olive oil and mitochondrial oxidative stress. <i>International Journal for Vitamin and Nutrition Research</i> , 2006 , 76, 178-83	1.7	15
67	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, 800-4	4.8	15
66	The spread of SARS-CoV-2 in Spain: Hygiene habits, sociodemographic profile, mobility patterns and comorbidities. <i>Environmental Research</i> , 2021 , 192, 110223	7.9	15
65	Autophagic dysfunction in patients with Papillon-Lefèvre syndrome is restored by recombinant cathepsin C treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1131-1143.e7	11.5	14
64	Age-Related Loss in Bone Mineral Density of Rats Fed Lifelong on a Fish Oil-Based Diet Is Avoided by Coenzyme Q Addition. <i>Nutrients</i> , 2017 , 9,	6.7	14
63	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	4	14
62	The Effect of Dietary Polyphenols on Vascular Health and Hypertension: Current Evidence and Mechanisms of Action.. <i>Nutrients</i> , 2022 , 14,	6.7	14
61	Role of flavonoids against adriamycin toxicity. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111820	4.7	14
60	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,	6.3	13
59	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, 17870-84	6.3	13
58	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	3.7	13
57	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, 265-70	6.1	13
56	Monounsaturated and omega-3 but not omega-6 polyunsaturated fatty acids improve hepatic fibrosis in hypercholesterolemic rabbits. <i>Nutrition</i> , 2005 , 21, 363-71	4.8	13
55	Wide Biological Role of Hydroxytyrosol: Possible Therapeutic and Preventive Properties in Cardiovascular Diseases. <i>Cells</i> , 2020 , 9,	7.9	13
54	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. <i>Molecules</i> , 2016 , 21,	4.8	12
53	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, 23425-45	6.3	11
52	Virgin olive oil: a key healthy component of the Mediterranean diet. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2008 , 1, 69-75	1.3	11
51	Bee Products: An Emblematic Example of Underutilized Sources of Bioactive Compounds.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	11

50	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	3.6	11
49	Confirmation of oxidative stress and fatty acid disturbances in two further Papillon-Lefèvre syndrome families with identification of a new mutation. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2014 , 28, 1049-56	4.6	10
48	Plasma antioxidants are strongly affected by iron-induced lipid peroxidation in rats subjected to physical exercise and different dietary fats. <i>BioFactors</i> , 1998 , 8, 119-27	6.1	10
47	Role of Olive Oil and Monounsaturated Fatty Acids in Mitochondrial Oxidative Stress and Aging. <i>Nutrition Reviews</i> , 2006 , 64, S31-S39	6.4	10
46	Dietary phytochemicals modulate intestinal epithelial barrier dysfunction and autoimmune diseases. <i>Food Frontiers</i> , 2021 , 2, 357-382	4.2	10
45	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,	6.3	10
44	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,	6.7	9
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