Jos Luis Quiles

List of Publications by Year in Descending Order

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 Effect of Dietary Polyphenols on Vascular Health and Hypertension: Current Evidence and Mechanisms of Action.. *Nutrients*, **2022**, 14,	6.7	14
192	Unravelling potential biomedical applications of the edible flower Tulbaghia violacea.. *Food Chemistry*, **2022**, 132096	8.5	2
191	Bee Products: An Emblematic Example of Underutilized Sources of Bioactive Compounds.. *Journal of Agricultural and Food Chemistry*, **2022**,	5.7	11
190	Strawberry (Fragaria ananassa cv. Romina) methanolic extract attenuates Alzheimer beta amyloid production and oxidative stress by SKN-1/NRF and DAF-16/FOXO mediated mechanisms in C. elegans. *Food Chemistry*, **2022**, 372, 131272	8.5	8
189	An oleuropein rich-olive (Olea europaea L.) leaf extract reduces amyloid and tau proteotoxicity through regulation of oxidative- and heat shock-stress responses in Caenorhabditis elegans.. *Food and Chemical Toxicology*, **2022**, 162, 112914	4.7	4
188	Adherence to the Mediterranean-Style Eating Pattern and Macular Degeneration: A Systematic Review of Observational Studies. *Nutrients*, **2022**, 14, 2028	6.7	1
187	The reciprocal interaction between polyphenols and other dietary compounds: Impact on bioavailability, antioxidant capacity and other physico-chemical and nutritional parameters.. *Food Chemistry*, **2021**, 375, 131904	8.5	7
186	Rosa x hybrida extracts with dual actions: Antiproliferative effects against tumour cells and inhibitor of Alzheimer disease. *Food and Chemical Toxicology*, **2021**, 149, 112018	4.7	5
185	Dietary phytochemicals modulate intestinal epithelial barrier dysfunction and autoimmune diseases. *Food Frontiers*, **2021**, 2, 357-382	4.2	10
184	The spread of SARS-CoV-2 in Spain: Hygiene habits, sociodemographic profile, mobility patterns and comorbidities. *Environmental Research*, **2021**, 192, 110223	7.9	15
183	Effects of caloric restriction on immunosurveillance, microbiota and cancer cell phenotype: Possible implications for cancer treatment. *Seminars in Cancer Biology*, **2021**, 73, 45-57	12.7	6
182	Ultra-Small Iron Nanoparticles Target Mitochondria Inducing Autophagy, Acting on Mitochondrial DNA and Reducing Respiration. *Pharmaceutics*, **2021**, 13,	6.4	5
181	The central role of mitochondria in the relationship between dietary lipids and cancer progression. *Seminars in Cancer Biology*, **2021**, 73, 86-100	12.7	3
180	Diabetes Mellitus and Periodontitis Share Intracellular Disorders as the Main Meeting Point. *Cells*, **2021**, 10,	7.9	1
179	Strawberry tree honey in combination with 5-fluorouracil enhances chemosensitivity in human colon adenocarcinoma cells. *Food and Chemical Toxicology*, **2021**, 156, 112484	4.7	6
178	Anti-inflammatory activities of Italian Chestnut and Eucalyptus honeys on murine RAW 264.7 macrophages. *Journal of Functional Foods*, **2021**, 87, 104752	5.1	0
177	The efficacy of berries against lipopolysaccharide-induced inflammation: A review. *Trends in Food Science and Technology*, **2021**, 117, 74-74	15.3	5

176	Longevity and Cause of Death in Male Wistar Rats Fed Lifelong Diets Based on Virgin Olive Oil, Sunflower Oil, or Fish Oil. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2020**, 75, 442-451	6.4	7
175	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. *Nutrients*, **2020**, 12,	6.7	5
174	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
173	Usefulness of beeswax recycling by-products in the treatment of □amyloid toxicity in a C. elegans model of Alzheimer. *Mediterranean Journal of Nutrition and Metabolism*, **2020**, 13, 163-173	1.3	2
172	Interaction of dietary polyphenols and gut microbiota: Microbial metabolism of polyphenols, influence on the gut microbiota, and implications on host health. *Food Frontiers*, **2020**, 1, 109-133	4.2	74
171	The role of coenzyme Q10 in the protection of bone health during aging **2020**, 173-182		2
170	Reductive Stress, Bioactive Compounds, Redox-Active Metals, and Dormant Tumor Cell Biology to Develop Redox-Based Tools for the Treatment of Cancer. *Antioxidants and Redox Signaling*, **2020**, 33, 860-881	8.4	16
169	Molecular inflammation and oxidative stress are shared mechanisms involved in both myocardial infarction and periodontitis. *Journal of Periodontal Research*, **2020**, 55, 519-528	4.3	19
168	The Influence of In Vitro Gastrointestinal Digestion on the Anticancer Activity of Manuka Honey. *Antioxidants*, **2020**, 9,	7.1	18
167	Twenty-four Months Feeding on Unsaturated Dietary Fats (Virgin Olive, Sunflower, or Fish Oil) Differentially Modulate Gingival Mitochondria in the Rat. *EFood*, **2020**, 1, 61	1.9	3
166	Effect of In vitro Gastrointestinal Digestion on the Bioaccessibility of Phenolic Compounds and Antioxidant Activity of Manuka Honey. *EFood*, **2020**, 1, 85	1.9	5
165	Coenzyme Q, mtDNA and Mitochondrial Dysfunction During Aging **2020**, 191-225		1
164	Edible flowers as a health promoter: An evidence-based review. *Trends in Food Science and Technology*, **2020**,	15.3	3
163	Strawberry (Fragaria □ananassa cv. Romina) methanolic extract promotes browning in 3T3-L1 cells. *Food and Function*, **2020**, 11, 297-304	6.1	18
162	Role of flavonoids against adriamycin toxicity. *Food and Chemical Toxicology*, **2020**, 146, 111820	4.7	14
161	Do nutrients and other bioactive molecules from foods have anything to say in the treatment against COVID-19?. *Environmental Research*, **2020**, 191, 110053	7.9	31
160	Hydroxytyrosol as a component in the Mediterranean diet and its role in disease prevention **2020**, 165-178		
159	Effect of polyphenols on HER2-positive breast cancer and related miRNAs: Epigenomic regulation. *Food Research International*, **2020**, 137, 109623	7	4

158	Wide Biological Role of Hydroxytyrosol: Possible Therapeutic and Preventive Properties in Cardiovascular Diseases. *Cells*, **2020**, 9,	7.9	13
157	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice. *Aging Cell*, **2020**, 19, e13050	9.9	61
156	In vitro study of the protective effect of manganese against vanadium-mediated nuclear and mitochondrial DNA damage. *Food and Chemical Toxicology*, **2020**, 135, 110900	4.7	9
155	Protective effects of raspberry on the oxidative damage in HepG2 cells through Keap1/Nrf2-dependent signaling pathway. *Food and Chemical Toxicology*, **2019**, 133, 110781	4.7	22
154	The Paradox of Coenzyme Q in Aging. *Nutrients*, **2019**, 11,	6.7	25
153	An update on the mechanisms related to cell death and toxicity of doxorubicin and the protective role of nutrients. *Food and Chemical Toxicology*, **2019**, 134, 110834	4.7	36
152	Industrial-Scale Decontamination Procedure Effects on the Content of Acaricides, Heavy Metals and Antioxidant Capacity of Beeswax. *Molecules*, **2019**, 24,	4.8	7
151	Strawberry tree honey as a new potential functional food. Part 2: Strawberry tree honey increases ROS generation by suppressing Nrf2-ARE and NF-Β signaling pathways and decreases metabolic phenotypes and metastatic activity in colon cancer cells. *Journal of Functional Foods*, **2019**, 57, 477-487	5.1	24
150	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. *Journal of Functional Foods*, **2019**, 57, 439-452	5.1	26
149	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. *Antioxidants and Redox Signaling*, **2019**, 30, 577-634	8.4	69
148	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. *Nutrients*, **2019**, 11,	6.7	9
147	Hydroxytyrosol Supplementation Modifies Plasma Levels of Tissue Inhibitor of Metallopeptidase 1 in Women with Breast Cancer. *Antioxidants*, **2019**, 8,	7.1	7
146	Novel Polymeric Nanocarriers Reduced Zinc and Doxycycline Toxicity in the Nematode. *Antioxidants* , **2019**, 8,	7.1	8
145	Relevance of functional foods in the Mediterranean diet: the role of olive oil, berries and honey in the prevention of cancer and cardiovascular diseases. *Critical Reviews in Food Science and Nutrition*, **2019**, 59, 893-920	11.5	85
144	Modulation by hydroxytyrosol of oxidative stress and antitumor activities of paclitaxel in breast cancer. *European Journal of Nutrition*, **2019**, 58, 1203-1211	5.2	16
143	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. *Food and Function*, **2018**, 9, 2158-2170	6.1	29
142	Strawberry extracts efficiently counteract inflammatory stress induced by the endotoxin lipopolysaccharide in Human Dermal Fibroblast. *Food and Chemical Toxicology*, **2018**, 114, 128-140	4.7	39
141	Are by-products from beeswax recycling process a new promising source of bioactive compounds with biomedical properties?. *Food and Chemical Toxicology*, **2018**, 112, 126-133	4.7	27

140	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. *Food and Function*, **2018**, 9, 2145-2157	6.1	53
139	Autophagic dysfunction in patients with Papillon-Lefvre syndrome is restored by recombinant cathepsin C treatment. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1131-1143.e7	11.5	14
138	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. *Journal of Nutritional Biochemistry*, **2018**, 52, 36-44	6.3	28
137	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. *Free Radical Biology and Medicine*, **2018**, 126, 41-54	7.8	45
136	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. *Molecules*, **2018**, 23,	4.8	25
135	Targeting molecular pathways in cancer stem cells by natural bioactive compounds. *Pharmacological Research*, **2018**, 135, 150-165	10.2	43
134	Phenolic Compounds Isolated from Olive Oil as Nutraceutical Tools for the Prevention and Management of Cancer and Cardiovascular Diseases. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	56
133	Molecular characterization of autophagic and apoptotic signaling induced by sorafenib in liver cancer cells. *Journal of Cellular Physiology*, **2018**, 234, 692-708	7	34
132	Hydroxytyrosol: Bioavailability, toxicity, and clinical applications. *Food Research International*, **2018**, 105, 654-667	7	135
131	Beeswax by-Products Efficiently Counteract the Oxidative Damage Induced by an Oxidant Agent in Human Dermal Fibroblasts. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	6
130	Phenolic Compounds in Honey and Their Associated Health Benefits: A Review. *Molecules*, **2018**, 23,	4.8	204
129	Anti-inflammatory effect of strawberry extract against LPS-induced stress in RAW 264.7 macrophages. *Food and Chemical Toxicology*, **2017**, 102, 1-10	4.7	124
128	The relationship between insulin resistance and periodontitis is not affected by Mediterranean diet in a Spanish population. *Archives of Oral Biology*, **2017**, 77, 62-67	2.8	4
127	Strawberry consumption improves aging-associated impairments, mitochondrial biogenesis and functionality through the AMP-activated protein kinase signaling cascade. *Food Chemistry*, **2017**, 234, 464-471	8.5	81
126	The healthy effects of strawberry bioactive compounds on molecular pathways related to chronic diseases. *Annals of the New York Academy of Sciences*, **2017**, 1398, 62-71	6.5	42
125	Data on body weight and liver functionality in aged rats fed an enriched strawberry diet. *Data in Brief*, **2017**, 13, 432-436	1.2	3
124	Could NLRP3-Inflammasome Be a Cardiovascular Risk Biomarker in Acute Myocardial Infarction Patients?. *Antioxidants and Redox Signaling*, **2017**, 27, 269-275	8.4	31
123	A plasma metabolomic signature discloses human breast cancer. *Oncotarget*, **2017**, 8, 19522-19533	3.3	44

122	The protective effect of acerola (Malpighia emarginata) against oxidative damage in human dermal fibroblasts through the improvement of antioxidant enzyme activity and mitochondrial functionality. *Food and Function*, **2017**, 8, 3250-3258	6.1	28
121	NLRP3-inflammasome inhibition prevents high fat and high sugar diets-induced heart damage through autophagy induction. *Oncotarget*, **2017**, 8, 99740-99756	3.3	37
120	Protective Effect of Strawberry Extract against Inflammatory Stress Induced in Human Dermal Fibroblasts. *Molecules*, **2017**, 22,	4.8	15
119	Age-Related Loss in Bone Mineral Density of Rats Fed Lifelong on a Fish Oil-Based Diet Is Avoided by Coenzyme Q Addition. *Nutrients*, **2017**, 9,	6.7	14
118	Strawberry-Based Cosmetic Formulations Protect Human Dermal Fibroblasts against UVA-Induced Damage. *Nutrients*, **2017**, 9,	6.7	39
117	Lipid Accumulation in HepG2 Cells Is Attenuated by Strawberry Extract through AMPK Activation. *Nutrients*, **2017**, 9,	6.7	64
116	Strawberry-Tree Honey Induces Growth Inhibition of Human Colon Cancer Cells and Increases ROS Generation: A Comparison with Manuka Honey. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	49
115	Biological Effect of Licochalcone C on the Regulation of PI3K/Akt/eNOS and NF-B/iNOS/NO Signaling Pathways in H9c2 Cells in Response to LPS Stimulation. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	40
114	Strawberry (cv. Romina) Methanolic Extract and Anthocyanin-Enriched Fraction Improve Lipid Profile and Antioxidant Status in HepG2 Cells. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	33
113	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. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	13
112	The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity?. *Critical Reviews in Food Science and Nutrition*, **2016**, 56 Suppl 1, S46-59	11.5	106
111	The genetic aspects of berries: from field to health. *Journal of the Science of Food and Agriculture*, **2016**, 96, 365-71	4.3	104
110	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. *Food and Chemical Toxicology*, **2016**, 94, 128-37	4.7	37
109	Coenzyme Q Protects Against Age-Related Alveolar Bone Loss Associated to n-6 Polyunsaturated Fatty Acid Rich-Diets by Modulating Mitochondrial Mechanisms. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2016**, 71, 593-600	6.4	16
108	AMPK as a New Attractive Therapeutic Target for Disease Prevention: The Role of Dietary Compounds AMPK and Disease Prevention. *Current Drug Targets*, **2016**, 17, 865-89	3	57
107	Role of Lipids in the Onset, Progression and Treatment of Periodontal Disease. A Systematic Review of Studies in Humans. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	10
106	Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. *Molecules*, **2016**, 21, 169	4.8	95
105	Coenzyme Q and Its Role in the Dietary Therapy against Aging. *Molecules*, **2016**, 21, 373	4.8	40

104	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. *Molecules*, **2016**, 21,	4.8	12
103	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. *Journal of Functional Foods*, **2016**, 25, 38-49	5.1	110
102	Strawberry as a health promoter: an evidence based review. *Food and Function*, **2015**, 6, 1386-98	6.1	200
101	Sunflower Oil but Not Fish Oil Resembles Positive Effects of Virgin Olive Oil on Aged Pancreas after Life-Long Coenzyme Q Addition. *International Journal of Molecular Sciences*, **2015**, 16, 23425-45	6.3	11
100	Dietary antioxidants for chronic periodontitis prevention and its treatment: a review on current evidences from animal and human studies. *Ars Pharmaceutica*, **2015**, 56, 131-140	1.8	7
99	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. *Antioxidants*, **2015**, 4, 447-81	7.1	27
98	A Pilot Study of the Photoprotective Effects of Strawberry-Based Cosmetic Formulations on Human Dermal Fibroblasts. *International Journal of Molecular Sciences*, **2015**, 16, 17870-84	6.3	13
97	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. *Antioxidants*, **2015**, 4, 322-44	7.1	21
96	Hydroxytyrosol as a Component of the Mediterranean Diet and Its Role in Disease Prevention **2015**, 205-215		1
95	One-month strawberry-rich anthocyanin supplementation ameliorates cardiovascular risk, oxidative stress markers and platelet activation in humans. *Journal of Nutritional Biochemistry*, **2014**, 25, 289-94	6.3	251
94	The effects of bioactive compounds from plant foods on mitochondrial function: a focus on apoptotic mechanisms. *Food and Chemical Toxicology*, **2014**, 68, 154-82	4.7	153
93	Strawberry intake increases blood fluid, erythrocyte and mononuclear cell defenses against oxidative challenge. *Food Chemistry*, **2014**, 156, 87-93	8.5	44
92	Hydroxytyrosol ameliorates oxidative stress and mitochondrial dysfunction in doxorubicin-induced cardiotoxicity in rats with breast cancer. *Biochemical Pharmacology*, **2014**, 90, 25-33	6	104
91	An anthocyanin-rich strawberry extract protects against oxidative stress damage and improves mitochondrial functionality in human dermal fibroblasts exposed to an oxidizing agent. *Food and Function*, **2014**, 5, 1939-48	6.1	89
90	Doxorubicin-induced oxidative stress in rats is efficiently counteracted by dietary anthocyanin differently enriched strawberry (Fragaria ananassa Duch.). *Journal of Agricultural and Food Chemistry*, **2014**, 62, 3935-43	5.7	39
89	Comparative analysis of pancreatic changes in aged rats fed life long with sunflower, fish, or olive oils. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2014**, 69, 934-44	6.4	17
88	Polyphenol-rich strawberry extract protects human dermal fibroblasts against hydrogen peroxide oxidative damage and improves mitochondrial functionality. *Molecules*, **2014**, 19, 7798-816	4.8	72
87	Confirmation of oxidative stress and fatty acid disturbances in two further Papillon-Lefvre syndrome families with identification of a new mutation. *Journal of the European Academy of Dermatology and Venereology*, **2014**, 28, 1049-56	4.6	10

86	The Role of Nutrition in Periodontal Diseases. *Oxidative Stress in Applied Basic Research and Clinical Practice*, **2014**, 251-278		
85	Curcumin and liver disease. *BioFactors*, **2013**, 39, 88-100	6.1	91
84	Impact of diet on breast cancer risk: a review of experimental and observational studies. *Critical Reviews in Food Science and Nutrition*, **2013**, 53, 49-75	11.5	25
83	The potential impact of strawberry on human health. *Natural Product Research*, **2013**, 27, 448-55	2.3	55
82	Transcriptional shift identifies a set of genes driving breast cancer chemoresistance. *PLoS ONE*, **2013**, 8, e53983	3.7	19
81	Diets based on virgin olive oil or fish oil but not on sunflower oil prevent age-related alveolar bone resorption by mitochondrial-related mechanisms. *PLoS ONE*, **2013**, 8, e74234	3.7	39
80	The strawberry: composition, nutritional quality, and impact on human health. *Nutrition*, **2012**, 28, 9-19	4.8	507
79	Photoprotective potential of strawberry (Fragaria ananassa) extract against UV-A irradiation damage on human fibroblasts. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 2322-7	5.7	79
78	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. *Food and Chemical Toxicology*, **2012**, 50, 1508-16	4.7	109
77	Autophagy in periodontitis patients and gingival fibroblasts: unraveling the link between chronic diseases and inflammation. *BMC Medicine*, **2012**, 10, 122	11.4	87
76	Long-term effects of systemic cancer treatment on DNA oxidative damage: the potential for targeted therapies. *Cancer Letters*, **2012**, 327, 134-41	9.9	18
75	Squalene ameliorates atherosclerotic lesions through the reduction of CD36 scavenger receptor expression in macrophages. *Molecular Nutrition and Food Research*, **2012**, 56, 733-40	5.9	27
74	Radical-scavenging activity, protective effect against lipid peroxidation and mineral contents of monofloral Cuban honeys. *Plant Foods for Human Nutrition*, **2012**, 67, 31-8	3.9	38
73	Oxidative stress status in metastatic breast cancer patients receiving palliative chemotherapy and its impact on survival rates. *Free Radical Research*, **2012**, 46, 2-10	4	14
72	Does chemotherapy-induced oxidative stress improve the survival rates of breast cancer patients?. *Antioxidants and Redox Signaling*, **2011**, 15, 903-9	8.4	16
71	Free radicals in breast carcinogenesis, breast cancer progression and cancer stem cells. Biological bases to develop oxidative-based therapies. *Critical Reviews in Oncology/Hematology*, **2011**, 80, 347-68	7	79
70	Age-related changes in brain mitochondrial DNA deletion and oxidative stress are differentially modulated by dietary fat type and coenzyme Q *Free Radical Biology and Medicine*, **2011**, 50, 1053-64	7.8	75
69	Mitochondrial dysfunction promoted by Porphyromonas gingivalis lipopolysaccharide as a possible link between cardiovascular disease and periodontitis. *Free Radical Biology and Medicine*, **2011**, 50, 1336-43	7.8	71

68	Hydroxytyrosol inhibits growth and cell proliferation and promotes high expression of sfrp4 in rat mammary tumours. *Molecular Nutrition and Food Research*, **2011**, 55 Suppl 1, S117-26	5.9	49
67	Strawberry consumption improves plasma antioxidant status and erythrocyte resistance to oxidative haemolysis in humans. *Food Chemistry*, **2011**, 128, 180-6	8.5	78
66	Strawberry polyphenols attenuate ethanol-induced gastric lesions in rats by activation of antioxidant enzymes and attenuation of MDA increase. *PLoS ONE*, **2011**, 6, e25878	3.7	139
65	Hydroxytyrosol: from laboratory investigations to future clinical trials. *Nutrition Reviews*, **2010**, 68, 191-206	6.4	224
64	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	1.3	2
63	Gene-expression profiles, tumor microenvironment, and cancer stem cells in breast cancer: latest advances towards an integrated approach. *Cancer Treatment Reviews*, **2010**, 36, 477-84	14.4	20
62	New advances in molecular mechanisms and the prevention of adriamycin toxicity by antioxidant nutrients. *Food and Chemical Toxicology*, **2010**, 48, 1425-38	4.7	109
61	Periodontitis is associated with altered plasma fatty acids and cardiovascular risk markers. *Nutrition, Metabolism and Cardiovascular Diseases*, **2010**, 20, 133-9	4.5	51
60	Olive oil and health: summary of the II international conference on olive oil and health consensus report, Jaï and Cï doba (Spain) 2008. *Nutrition, Metabolism and Cardiovascular Diseases*, **2010**, 20, 284-94	4.5	383
59	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	1.3	1
58	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. *Mechanisms of Ageing and Development*, **2010**, 131, 38-47	5.6	42
57	Curcumin ameliorates rabbits' steatohepatitis via respiratory chain, oxidative stress, and TNF-alpha. *Free Radical Biology and Medicine*, **2009**, 47, 924-31	7.8	58
56	Nutrition-linked chronic disease and periodontitis: are they the two faces of the same coin?. *Mediterranean Journal of Nutrition and Metabolism*, **2009**, 2, 103-109	1.3	2
55	Metabolic syndrome and periodontitis: is oxidative stress a common link?. *Journal of Dental Research*, **2009**, 88, 503-18	8.1	153
54	Gingival vascular damage in atherosclerotic rabbits: hydroxytyrosol and squalene benefits. *Food and Chemical Toxicology*, **2009**, 47, 2327-31	4.7	27
53	Nutrition-linked chronic disease and periodontitis: are they the two faces of the same coin?. *Mediterranean Journal of Nutrition and Metabolism*, **2009**, 2, 103-109	1.3	1
52	Virgin olive oil: a key healthy component of the Mediterranean diet. *Mediterranean Journal of Nutrition and Metabolism*, **2008**, 1, 69-75	1.3	11
51	Virgin olive oil: a key healthy component of the Mediterranean diet. *Mediterranean Journal of Nutrition and Metabolism*, **2008**, 1, 69-75	1.3	5

50	Oxidative stress status in liver mitochondria and lymphocyte DNA damage of atherosclerotic rabbits supplemented with water soluble coenzyme Q10. *BioFactors*, **2008**, 32, 263-73	6.1	16
49	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. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2007**, 62, 1211-8	6.4	23
48	Age-related mitochondrial DNA deletion in rat liver depends on dietary fat unsaturation. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2006**, 61, 107-14	6.4	38
47	Role of Olive Oil and Monounsaturated Fatty Acids in Mitochondrial Oxidative Stress and Aging. *Nutrition Reviews*, **2006**, 64, 31-39	6.4	4
46	Coenzyme Q concentration and total antioxidant capacity of human milk at different stages of lactation in mothers of preterm and full-term infants. *Free Radical Research*, **2006**, 40, 199-206	4	63
45	Olive oil and mitochondrial oxidative stress. *International Journal for Vitamin and Nutrition Research* , **2006**, 76, 178-83	1.7	15
44	Role of Olive Oil and Monounsaturated Fatty Acids in Mitochondrial Oxidative Stress and Aging. *Nutrition Reviews*, **2006**, 64, S31-S39	6.4	10
43	Protection of mitochondria during cold storage of liver and following transplantation: comparison of the two solutions, University of Wisconsin and Eurocollins. *Journal of Bioenergetics and Biomembranes*, **2006**, 38, 49-55	3.7	13
42	Life-long supplementation with a low dosage of coenzyme Q10 in the rat: effects on antioxidant status and DNA damage. *BioFactors*, **2005**, 25, 73-86	6.1	36
41	Monounsaturated and omega-3 but not omega-6 polyunsaturated fatty acids improve hepatic fibrosis in hypercholesterolemic rabbits. *Nutrition*, **2005**, 21, 363-71	4.8	13
40	Coenzyme Q10 protects from aging-related oxidative stress and improves mitochondrial function in heart of rats fed a polyunsaturated fatty acid (PUFA)-rich diet. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2005**, 60, 970-5	6.4	41
39	Coenzyme Q supplementation protects from age-related DNA double-strand breaks and increases lifespan in rats fed on a PUFA-rich diet. *Experimental Gerontology*, **2004**, 39, 189-94	4.5	69
38	Dietary fat type (virgin olive vs. sunflower oils) affects age-related changes in DNA double-strand-breaks, antioxidant capacity and blood lipids in rats. *Experimental Gerontology*, **2004**, 39, 1189-98	4.5	64
37	Olive oil and modulation of cell signaling in disease prevention. *Lipids*, **2004**, 39, 1223-31	1.6	68
36	Oxidative stress status in an institutionalised elderly group after the intake of a phenolic-rich dessert. *British Journal of Nutrition*, **2004**, 91, 943-50	3.6	18
35	Mitochondrial dysfunctions during aging: vitamin E deficiency or caloric restriction--two different ways of modulating stress. *Journal of Bioenergetics and Biomembranes*, **2003**, 35, 181-91	3.7	40
34	Aging-related oxidative stress depends on dietary lipid source in rat postmitotic tissues. *Journal of Bioenergetics and Biomembranes*, **2003**, 35, 267-75	3.7	43
33	Coenzyme Q differentially modulates phospholipid hydroperoxide glutathione peroxidase gene expression and free radicals production in malignant and non-malignant prostate cells. *BioFactors*, **2003**, 18, 265-70	6.1	13

32	Dietary fat (virgin olive oil or sunflower oil) and physical training interactions on blood lipids in the rat. *Nutrition*, **2003**, 19, 363-8	4.8	23
31	Oral administration of a turmeric extract inhibits erythrocyte and liver microsome membrane oxidation in rabbits fed with an atherogenic diet. *Nutrition*, **2003**, 19, 800-4	4.8	15
30	Virgin olive and fish oils enhance the hepatic antioxidant defence system in atherosclerotic rabbits. *Clinical Nutrition*, **2003**, 22, 379-84	5.9	25
29	Alterations in the oxidation products, antioxidant markers, antioxidant capacity and lipid patterns in plasma of patients affected by Papillon-Lef□re syndrome. *Free Radical Research*, **2003**, 37, 603-9	4	19
28	Oxidative stress in erythrocytes from premature and full-term infants during their first 72 h of life. *Free Radical Research*, **2003**, 37, 317-22	4	36
27	Dietary oils high in oleic acid but with different unsaponifiable fraction contents have different effects in fatty acid composition and peroxidation in rabbit LDL. *Nutrition*, **2002**, 18, 60-5	4.8	30
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