

Antioxidants in Human Health and Disease

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Î±-Tocopherol attenuates alcohol-induced cerebral vascular damage in rats: possible role of oxidants in alcohol brain pathology and stroke. Neuroscience Letters, 1996, 220, 207-210.	1.0	56
2	Commentary Oxidative Stress, Nutrition and Health. Experimental Strategies for Optimization of Nutritional Antioxidant Intake in Humans. Free Radical Research, 1996, 25, 57-74.	1.5	473
3	Oxidative Stress in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 341-357.	2.5	731
4	Antioxidant Defense: Vitamins E and C and Carotenoids. Diabetes, 1997, 46, S14-S18.	0.3	155
5	Neurodegenerative disorders in humans: the role of glutathione in oxidative stress-mediated neuronal death. Brain Research Reviews, 1997, 25, 335-358.	9.1	640
6	Reactive oxygen species-induced DNA damage and its modification: A chemical investigation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 379, 201-210.	0.4	131
7	Potato Peel Extract a Nonmutagenic Antioxidant with Potential Antimicrobial Activity. Journal of Food Science, 1998, 63, 907-910.	1.5	83
8	(+)-Catechin Prevents Human Plasma Oxidation. Free Radical Biology and Medicine, 1998, 24, 435-441.	1.3	156
9	Procyanidins Extracted From Pinus maritima (Pycnogenol®): Scavengers of Free Radical Species and Modulators of Nitrogen Monoxide Metabolism in Activated Murine RAW 264.7 Macrophages. Free Radical Biology and Medicine, 1998, 24, 1120-1129.	1.3	137
10	Cytotoxicity-Associated Effects of Reactive Oxygen Species on Endothelin-1 Secretion by Pulmonary Endothelial Cells. Free Radical Biology and Medicine, 1998, 24, 1437-1445.	1.3	14
11	An end-point method for estimation of the total antioxidant activity in plant material. Phytochemical Analysis, 1998, 9, 196-202.	1.2	296
12	Free radicals, oxidative stress, and antioxidants in human health and disease. JAOCS, Journal of the American Oil Chemists' Society, 1998, 75, 199-212.	0.8	1,199
13	Pyrrolidine Dithiocarbamate Attenuates Alcohol-Induced Leukocyte-Endothelial Cell Interaction and Cerebral Vascular Damage in Rats. Alcohol, 1998, 16, 25-28.	0.8	27
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15	Changes of oxidant and antioxidant status in humans due to infection. Nutrition Research, 1998, 18, 1463-1468.	1.3	9
16	Alcohol consumption and the 5-year incidence of age-related maculopathy. Ophthalmology, 1998, 105, 789-794.	2.5	45
17	Î±-Tocopherol prevents ethanol-induced elevation of [Ca ²⁺] _i in cultured canine cerebral vascular smooth muscle cells. Neuroscience Letters, 1998, 245, 17-20.	1.0	27
18	Did consumption of flour bleached by the agene process contribute to the incidence of neurological disease?. Medical Hypotheses, 1998, 51, 477-481.	0.8	18

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19	Use of the trolox assay to estimate the antioxidant content of seventeen edible wild plants of niger. Life Sciences, 1998, 63, 105-110.	2.0	54
20	Procyanidins extracted from pine bark protect α -tocopherol in ECV 304 endothelial cells challenged by activated RAW 264.7 macrophages: role of nitric oxide and peroxynitrite. FEBS Letters, 1998, 431, 315-318.	1.3	71
21	Oxidative DNA damage induced by homogentisic acid, a tyrosine metabolite. FEBS Letters, 1998, 432, 13-16.	1.3	26
23	Oxygen Radicals, Antioxidants, and Lipid Peroxidation. Seminars in Reproductive Medicine, 1998, 16, 275-280.	0.5	31
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26	Is Ozone Therapy Therapeutic?. Perspectives in Biology and Medicine, 1998, 42, 131-143.	0.3	18
27	Variations in Dietary Fat and Cholesterol Intakes Modify Antioxidant Status of SHR and WKY Rats. Journal of Nutrition, 1998, 128, 1620-1630.	1.3	38
28	Superoxide-Dependent and -Independent Nitrite Formation from Hydroxylamine: Inhibition by Plant Extracts. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1998, 53, 241-249.	0.6	16
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31	Glucose and free radicals impair the antioxidant properties of serum albumin. FASEB Journal, 1999, 13, 233-244.	0.2	266
32	Prevention of Renal Injury After Induction of Ozone Tolerance in Rats Submitted to Warm Ischaemia. Mediators of Inflammation, 1999, 8, 37-41.	1.4	79
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34	High Dietary Iron Enhances Oxidative Stress in Liver but Does Not Increase Aberrant Crypt Foci Development in Rats With Low Vitamin E Status. Nutrition and Cancer, 1999, 35, 143-152.	0.9	5
35	Dietary Antioxidant Supplementation and DNA Damage in Smokers and Nonsmokers. Nutrition and Cancer, 1999, 34, 167-172.	0.9	46
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39	Elevated lipid peroxidation and disturbed antioxidant enzyme activities in plasma and erythrocytes of patients with uterine cervicitis and myoma. <i>Clinical Biochemistry</i> , 1999, 32, 189-192.	0.8	42
40	Superoxide anion and hydroxyl radical scavenging activities of vegetable extracts measured using electron spin resonance. <i>IUBMB Life</i> , 1999, 47, 979-989.	1.5	21
41	Nutritional regulation of glutathione in stroke. <i>Neurotoxicity Research</i> , 1999, 1, 99-112.	1.3	13
42	Addition of vitamin E to long-chain polyunsaturated fatty acid-enriched diets protects neonatal tissue lipids against peroxidation in rats. <i>European Journal of Nutrition</i> , 1999, 38, 169-176.	1.8	18
43	Impact of diets with corn oil or olive/sunflower oils on DNA damage in healthy young men. <i>European Journal of Nutrition</i> , 1999, 38, 286-292.	1.8	28
44	Mechanism of oxidative DNA damage induced by quercetin in the presence of Cu(II). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 425, 107-115.	0.4	145
45	Modification of gene expression by dietary antioxidants in radiation-induced apoptosis of mice splenocytes. <i>Free Radical Biology and Medicine</i> , 1999, 26, 887-891.	1.3	30
46	Antioxidant activity and biologic properties of a procyanidin-rich extract from pine (<i>pinus maritima</i>) bark, pycnogenol. <i>Free Radical Biology and Medicine</i> , 1999, 27, 704-724.	1.3	540
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55	From Cytoprotection to Tumor Suppression: The Multifactorial Role of Peroxiredoxins. <i>Antioxidants and Redox Signaling</i> , 1999, 1, 385-402.	2.5	129
57	CAROTENOIDS: MODES OF ACTION AND BIOAVAILABILITY OF LYCOPENE IN THE HUMAN. , 1999, , 221-225.		1

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58	Nuclear factor κ B-dependent mechanisms coordinate the synergistic effect of PMA and cytokines on the induction of superoxide dismutase 2. <i>Biochemical Journal</i> , 2000, 353, 147.	1.7	51
59	Antioxidants in Mediterranean Diets. , 2000, 87, 43-55.		22
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67	Effect of Dietary DL- α -Lipoic Acid Supplementation on Peroxidative Antioxidant Status in the Brain of Aged Rats. <i>Pharmacy and Pharmacology Communications</i> , 2000, 6, 313-316.	0.3	2
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72	Direct correlation of glutathione and ascorbate and their dependence on age and season in human lymphocytes. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 1194-1200.	2.2	59
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74	Induction of Peroxiredoxins in Transplanted Livers and Demonstration of Their In Vitro Cytoprotection Activity. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 347-354.	2.5	23
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76	Antioxidant Effects of an Aqueous Extract of <i>Ilex paraguariensis</i> . Biochemical and Biophysical Research Communications, 2000, 269, 357-360.	1.0	126
77	The evolution of free radicals and oxidative stress. American Journal of Medicine, 2000, 108, 652-659.	0.6	1,084
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81	Antioxidant activity of <i>Ilex paraguariensis</i> and related species. Nutrition Research, 2000, 20, 1437-1446.	1.3	136
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110	Investigation of formation of superoxide anion radical in DMSO by ESR: Part 1. Influence of Fe ²⁺ and Cu ²⁺ . Magnetic Resonance in Chemistry, 2001, 39, 207-211.	1.1	17
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115	Reductionism and the Narrowing Nutrition Perspective. <i>Journal of the American Dietetic Association</i> , 2001, 101, 1416-1419.	1.3	83
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118	Cardiovascular risk in the Asia-Pacific region from a nutrition and metabolic point of view: vitamin deficiencies. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2001, 10, 103-107.	0.3	1
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121	Effects of ascorbic acid and a-tocopherol on arsenic-induced oxidative stress. <i>Human and Experimental Toxicology</i> , 2002, 21, 675-680.	1.1	119
122	Albumin selectively inhibits TNF α -induced expression of vascular cell adhesion molecule-1 in human aortic endothelial cells. <i>Cardiovascular Research</i> , 2002, 55, 820-829.	1.8	143
123	Regulation of cell signalling by vitamin E. <i>Proceedings of the Nutrition Society</i> , 2002, 61, 415-425.	0.4	190
124	A Systematic Screening of Total Antioxidants in Dietary Plants. <i>Journal of Nutrition</i> , 2002, 132, 461-471.	1.3	836
125	Mediterranean diet and prevention of coronary heart disease. <i>Journal of Endocrinological Investigation</i> , 2002, 25, 296-299.	1.8	9
126	Effect of acute ingestion of fresh and stored lettuce (<i>Lactuca sativa</i>) on plasma total antioxidant capacity and antioxidant levels in human subjects. <i>British Journal of Nutrition</i> , 2002, 88, 615-623.	1.2	111
127	Free Radical Scavenging Properties of Wheat Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1619-1624.	2.4	788
128	On-Line HPLC-DPPH Screening Method for Evaluation of Radical Scavenging Phenols Extracted from Apples (<i>Malus domestica</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2482-2487.	2.4	132
129	Antioxidant superoxide dismutase - a review: its function, regulation in the testis, and role in male fertility. <i>Contraception</i> , 2002, 65, 305-311.	0.8	238
130	Lipid peroxidation in the skeletal muscle of hamsters with emphysema. <i>Pathophysiology</i> , 2002, 8, 215-221.	1.0	13

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132	Mechanism of tert-butylhydroperoxide induced apoptosis in rat hepatocytes: involvement of mitochondria and endoplasmic reticulum. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1542, 173-185.	1.9	64
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135	Contribution of superoxide to reduced antioxidant activity of glycoxidative serum albumin. <i>Heart and Vessels</i> , 2002, 17, 22-29.	0.5	19
136	Amperometric biosensor based on a functionalized gold electrode for the detection of antioxidants. <i>Biosensors and Bioelectronics</i> , 2002, 17, 191-199.	5.3	97
137	Hydroxyl radical in living systems and its separation methods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 781, 481-496.	1.2	114
138	Intimal plaque development and oxidative stress in cholesterol-induced atherosclerosis in New Zealand rabbits. <i>Acta Physiologica Scandinavica</i> , 2002, 176, 101-107.	2.3	6
139	Oxidative stress as a pathogenic factor in inflammatory bowel disease—free radicals or ridiculous?. <i>Alimentary Pharmacology and Therapeutics</i> , 2002, 16, 1997-2015.	1.9	333
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142	Antioxidant Properties of Cereal Products. <i>Journal of Food Science</i> , 2002, 67, 2600-2603.	1.5	107
143	Tamoxifen enhancement of TNF- α induced MnSOD expression: modulation of NF- κ B dimerization. <i>Oncogene</i> , 2002, 21, 3603-3610.	2.6	31
144	An investigation of antioxidant capacity of fruits in Singapore markets. <i>Food Chemistry</i> , 2002, 76, 69-75.	4.2	814
145	Antioxidant properties of hard winter wheat extracts. <i>Food Chemistry</i> , 2002, 78, 457-461.	4.2	166
146	Development and Validation of Oxygen Radical Absorbance Capacity Assay for Lipophilic Antioxidants Using Randomly Methylated β -Cyclodextrin as the Solubility Enhancer. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1815-1821.	2.4	458
147	Antioxidant activity of Paraguayan plant extracts. <i>Fitoquímica</i> , 2003, 74, 91-97.	1.1	155
148	Biological significance of phospholipid hydroperoxide glutathione peroxidase (PHGPx, GPx4) in mammalian cells. <i>Free Radical Biology and Medicine</i> , 2003, 34, 145-169.	1.3	639

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149	Identification of all classes of spin-trapped carbon-centered radicals in soybean lipoxygenase-dependent lipid peroxidations of 1%-6 polyunsaturated fatty acids via LC/ESR, LC/MS, and tandem MS. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1017-1028.	1.3	59
150	Identification of spin trapped carbon-centered radicals in soybean lipoxygenase-dependent peroxidations of 1%-3 polyunsaturated fatty acids by LC/ESR, LC/MS, and tandem MS. <i>Free Radical Biology and Medicine</i> , 2003, 35, 33-44.	1.3	34
151	n -3 Fatty acids plus oleic acid and vitamin supplemented milk consumption reduces total and LDL cholesterol, homocysteine and levels of endothelial adhesion molecules in healthy humans.. <i>Clinical Nutrition</i> , 2003, 22, 175-182.	2.3	76
152	In vivo antioxidant effect of aqueous and etheric coriander (<i>Coriandrum sativum</i> L.) extracts. <i>European Journal of Lipid Science and Technology</i> , 2003, 105, 483-487.	1.0	32
153	Comparison of the antioxidant properties of wound dressing materialsâ€“carboxymethylcellulose, hyaluronan benzyl ester and hyaluronan, towards polymorphonuclear leukocyte-derived reactive oxygen species. <i>Biomaterials</i> , 2003, 24, 1549-1557.	5.7	89
154	Total antioxidant activity in <i>Quercus ilex</i> resprouts after fire. <i>Plant Physiology and Biochemistry</i> , 2003, 41, 41-47.	2.8	21
155	Simultaneous determination of deuterated and non-deuterated Î±-tocopherol in human plasma by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 1-8.	1.2	7
156	The effect of variation in dietary intake on maternal deposition of antioxidants in zebra finch eggs. <i>Functional Ecology</i> , 2003, 17, 472-481.	1.7	108
157	Inhibitory effect of <i>Eucommia ulmoides</i> Oliv. on oxidative DNA damage in lymphocytes induced by H ₂ O ₂ . <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 23-34.	0.8	13
158	Selenium modifies glutathione peroxidase activity and glutathione concentration in mice exposed to ozone-provoked oxidative stress. <i>Journal of Trace Elements in Medicine and Biology</i> , 2003, 17, 133-137.	1.5	5
159	Supplementation of vitamin E and selenium prevents hyperoxaluria in experimental urolithic rats. <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 306-313.	1.9	46
160	Quantitative Determination of Î²-Carotene Stereoisomers in Fresh, Dried, and Solar-Dried Mangoes (<i>Mangifera indica</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4527-4531.	2.4	135
161	Total antioxidant capacity. <i>Advances in Clinical Chemistry</i> , 2003, 37, 219-292.	1.8	184
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