Mechanisms and Consequences of Lipid Peroxidation in

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Citation Report

#	Article	IF	CITATIONS
1	Detection of active oxygen in rat hepatocyte suspensions with the chemiluminigenic probe lucigenin. Biochemical and Biophysical Research Communications, 1986, 140, 468-475.	1.0	3
2	Oxygen free radicals and iron in relation to biology and medicine: Some problems and concepts. Archives of Biochemistry and Biophysics, 1986, 246, 501-514.	1.4	1,955
3	Methodology for studying antioxidant activity and mechanisms of action of antioxidants. Food and Chemical Toxicology, 1986, 24, 1007-1014.	1.8	47
4	Occurrence of lipid oxidation products in foods. Food and Chemical Toxicology, 1986, 24, 1021-1030.	1.8	235
5	Vitamin E deficiency in rabbits receiving a high PUFA diet with and without a non-absorbable antioxidant II. Incorporation of 14C-labelled glycine andl-leucine into liver and plasma proteins. European Journal of Nutrition, 1986, 25, 180-188.	4.6	2
6	Retinal Lipid Peroxidation in Experimental Uveitis. JAMA Ophthalmology, 1987, 105, 1712-1716.	2.6	28
7	Lipid Peroxidation and Mechanisms of Toxicity. CRC Critical Reviews in Toxicology, 1987, 18, 27-79.	4.9	298
8	Lipid peroxidation as a mechanism of acute nickel toxicityâ€. Toxicological and Environmental Chemistry, 1987, 15, 59-69.	0.6	29
9	Garlic (Allium sativum) and onion (Allium cepa): A review of their relationship to cardiovascular disease. Preventive Medicine, 1987, 16, 670-685.	1.6	149
10	Seleno-organic compounds and the therapy of hydroperoxide-linked pathological conditions. Biochemical Pharmacology, 1987, 36, 3095-3102.	2.0	169
11	Peroxidative injury of the mitochondrial respiratory chain during reperfusion of hypothermic rat liver. Biochimica Et Biophysica Acta - Bioenergetics, 1987, 890, 82-88.	0.5	33
12	Uncoupling of oxidative leak formation from lipid peroxidation in the human erythrocyte membrane by antioxidants and desferrioxamine. Biochimica Et Biophysica Acta - Biomembranes, 1987, 899, 125-128.	1.4	16
13	Effect of four synthetic antioxidants on the formation of ethylene from methional in rat liver microsomes. Toxicology Letters, 1987, 35, 247-251.	0.4	8
14	Detection of oxygen activation and determination of the activity of antioxidants towards reactive oxygen species by use of the chemiluminigenic probes luminol and lucigenin. Archives of Toxicology, 1987, 60, 158-162.	1.9	43
15	Lipid peroxidation and associated hepatic organelle dysfunction in iron overload. Chemistry and Physics of Lipids, 1987, 45, 207-239.	1.5	81
16	The pathophysiological significance of lipid peroxidation in oxidative cell injury. Hepatology, 1987, 7, 377-386.	3.6	266
17	Fatty acid peroxyl radicals: Their generation and reactivities. Bioelectrochemistry, 1987, 18, 37-49.	1.0	26
18	Tocopherol in brain metabolism and disease: A review. Metabolic Brain Disease, 1987, 2, 1-16.	1.4	10

#	Article	IF	Citations
19	Effect of hyperoxia acclimation on catalase and glutathione peroxidase activities and in vivo peroxidation products in various tissues of the frogRana ridibunda perezi. The Journal of Experimental Zoology, 1988, 248, 7-18.	1.4	8
20	UV spectroscopy studies of the oxidation changes in depot and structural lipids in high-fat feeding. Molecular Nutrition and Food Research, 1988, 32, 955-960.	0.0	1
21	Physiological significance of catalase and glutathione peroxidases, and in vivo peroxidation, in selected tissues of the toadDiscoglossus pictus (Amphibia) during acclimation to normobaric hyperoxia. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1988, 158, 583-590.	0.7	30
22	Oxygen free radicals and myocardial reperfusion injury. Annals of Emergency Medicine, 1988, 17, 53-58.	0.3	26
23	Evaluation of free radical and lipid peroxide formation during global ischemia and reperfusion in isolated perfused rat heart. Cardiovascular Drugs and Therapy, 1988, 2, 615-621.	1.3	61
24	Organ-specific effects of naphthalene on tissue peroxidation, glutathione peroxidases and superoxide dismutase in the rat. Archives of Toxicology, 1988, 61, 480-483.	1.9	24
25	Effects of hyperoxia and diet on murine tissue levels of vitamin E and polyunsaturated fatty acids. Lipids, 1988, 23, 707-712.	0.7	7
26	A method of lipid peroxidation in Paramecium tetraurelia. Age, 1988, 11, 128-134.	3.0	1
27	The nature of oxidants and antioxidant systems in the inhibition of mutation and cancer. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 202, 363-375.	0.4	234
28	Vitamin E, membrane order, and antioxidant behavior in lung microsomes and reconstituted lipid vesicles. Toxicology and Applied Pharmacology, 1988, 96, 101-114.	1.3	27
29	Reaction of hematin with allylic fatty acid hydroperoxides: identification of products and implications for pathways of hydroperoxide-dependent epoxidation of 7,8-dihydroxy-7,8-dihydrobenzol[a]pyrene. Biochemistry, 1988, 27, 7060-7070.	1.2	56
30	Relationship between mitochondrial lipid peroxidation and α-tocopherol levels in the guineα-pig adrenal cortex. Lipids and Lipid Metabolism, 1988, 961, 279-284.	2.6	13
31	On the fluorometric assay of circulating lipoperoxides. Clinica Chimica Acta, 1988, 174, 263-269.	0.5	28
32	Vitamin E: Function and effects of deficiency. British Veterinary Journal, 1988, 144, 482-496.	0.5	34
33	Lipid peroxidation in normoxic and ischaemic-reperfused hearts of fish oil and lard fat fed pigs. Journal of Molecular and Cellular Cardiology, 1988, 20, 605-615.	0.9	29
34	Lipid peroxidation in mitochondria. Free Radical Biology and Medicine, 1988, 5, 247-261.	1.3	171
35	Effect of temperature acclimation on enzymatic activities and thermal sensitivity of catalase, oxygen consumption and concentration of tissue peroxidation products in Discoglossus pictus tadpoles. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1988, 89, 363-373.	0.2	1
36	Degradation of oxidatively denatured proteins in Escherichia coli. Free Radical Biology and Medicine, 1988, 5, 215-223.	1.3	123

3

#	Article	IF	Citations
37	Perspectives on hydrogen peroxide and drug-induced hemolytic anemia in glucose-6-phosphate dehydrogenase deficiency. Free Radical Biology and Medicine, 1988, 5, 387-392.	1.3	14
38	Malondialdehyde-altered protein occurs in atheroma of Watanabe heritable hyperlipidemic rabbits. Science, 1988, 241, 215-218.	6.0	759
39	Zinc Suppression of Free Radicals Induced in Cultures of Rat Hepatocytes by Iron, t-Butyl Hydroperoxide, and 3-Methylindole. Experimental Biology and Medicine, 1988, 189, 100-109.	1.1	42
40	Significance of alterations in hepatic antioxidant enzymes. Primacy of glutathione peroxidase. Biochemical Journal, 1988, 251, 913-917.	1.7	58
41	Damage to DNA concurrent with lipid peroxidation in rat liver slices. Biochemical Journal, 1988, 252, 893-896.	1.7	70
42	Urinary lipoperoxides quantified by liquid chromatography, and determination of reference values for adults Clinical Chemistry, 1988, 34, 1107-1110.	1.5	32
43	Specificity of the thiobarbituric acid reaction: its use in studies of lipid peroxidation Clinical Chemistry, 1988, 34, 2433-2438.	1.5	216
44	Oxygen free radicals, inflammation, and synovitis: and synovitis: the current status Annals of the Rheumatic Diseases, 1989, 48, 864-870.	0.5	88
45	Rapid headspace gas chromatography of hexanal as a measure of lipid peroxidation in biological samples. Lipids, 1989, 24, 976-981.	0.7	127
46	Lipid peroxidation enzyme systen in rainbow trout (Salmo gairdnerii) skeletal muscle microsomes. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1989, 93, 485-491.	0.2	0
47	Catalase is needed to avoid tissue peroxidation in Rana perezi in normoxia. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1989, 94, 391-398.	0.2	10
48	Effect of preoperative stress on serum lipoperoxide levels. Indian Journal of Clinical Biochemistry, 1989, 4, 26-30.	0.9	2
49	Hepatic injury in chronic iron overload. Role of lipid peroxidation. Chemico-Biological Interactions, 1989, 70, 183-226.	1.7	105
50	A comparison of the effects of dietary cadmium on heart and kidney antioxidant enzymes: Evidence for the greater vulnerability of the heart to cadmium toxicity. Journal of Applied Toxicology, 1989, 9, 339-345.	1.4	39
51	\hat{l}_{\pm} -Tocopherol depletion eliminates the regional differences in adrenal mitochondrial lipid peroxidation. Molecular and Cellular Endocrinology, 1989, 62, 189-195.	1.6	7
52	Increased plasma levels of glutathione and malondialdehyde after acute ethanol ingestion in humans. Journal of Hepatology, 1989, 9, 359-365.	1.8	45
53	HYPOXIC-REPERFUSION INJURY IN THE INFLAMED HUMAN JOINT. Lancet, The, 1989, 333, 289-293.	6.3	235
54	No evidence for an increased lipid peroxidation during reoxygenation in Langendorff hearts and isolated atria of rats. Journal of Molecular and Cellular Cardiology, 1989, 21, 697-707.	0.9	21

#	Article	IF	CITATIONS
55	Damage to protein synthesis concurrent with lipid peroxidation in rat liver slices: Effect of halogenated compounds, peroxides, and vitamin E. Archives of Biochemistry and Biophysics, 1989, 270, 84-91.	1.4	43
56	Effect of lipid peroxidation on membrane-bound Ca2+-ATPase activity of the intestinal brush-border membranes. Biochimica Et Biophysica Acta - Biomembranes, 1989, 984, 151-157.	1.4	66
57	Lipidg Peroxidation in Liver and Ehrlich Ascites Cell Mitochondria. Free Radical Research Communications, 1989, 7, 161-170.	1.8	15
58	Lipid peroxidation and antioxidant supplementation in old age. Scandinavian Journal of Clinical and Laboratory Investigation, 1990, 50, 69-75.	0.6	20
59	ETHANOL-INDUCED LIPID PEROXIDATION AND OXIDATIVE STRESS IN EXTRAHEPATIC TISSUES. Alcohol and Alcoholism, 1990, 25, 231-237.	0.9	173
60	EFFECT OF CYTOSOL ON LIPID PEROXIDATION IN FLOUNDER SARCOPLASMIC RETICULUM. Journal of Food Biochemistry, 1990, 14, 407-419.	1.2	17
61	Oxidant-increased proteolysis in rat liver slices: Effect of bromotrichloromethane, antioxidants and effectors of proteolysis. Chemico-Biological Interactions, 1990, 76, 293-305.	1.7	5
62	Separation and detection of phospholipid hydroperoxides in the low nanomolar range by a high performance liquid chromatography/irothiocyanate assay. Lipids, 1990, 25, 415-418.	0.7	31
63	Effect of anti-inflammatory drugs on the activity of antioxidant enzymes and in vivo peroxidation products in the liver and kidney of rat. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1990, 96, 83-85.	0.2	6
64	Selective proteolysis of oxidatively modified proteins by macroxyproteinase (M.O.P.). Free Radical Biology and Medicine, 1990, 9, 82.	1.3	O
65	The pathology of hepatic iron overload: A free radical-Mediated Process?. Hepatology, 1990, 11, 127-137.	3 . 6	368
66	Metabolism and toxicity of xenobiotics in the adrenal cortex, with particular reference to 7,12-dimethylbenz(a) anthracene. Journal of Biochemical Toxicology, 1990, 5, 71-90.	0.5	27
67	Effect of polyunsaturated fatty acids and phospholipids on ?3H?-vitamin E incorporation into pulmonary artery endothelial cell membranes. Journal of Cellular Physiology, 1990, 145, 555-563.	2.0	9
68	Riboflavin Deficiency and the Function and Fluidity of Rat Erythrocyte Membranes. Journal of Nutrition, 1990, 120, 857-861.	1.3	59
69	Use of Exogenous Glutathione for Metabolism of Peroxidized Methyl Linoleate in Rat Small Intestine. Journal of Nutrition, 1990, 120, 1115-1121.	1.3	41
70	Inhibition of carcinoma and melanoma cell growth by type 1 transforming growth factor beta is dependent on the presence of polyunsaturated fatty acids Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5543-5547.	3.3	62
71	Overview of Analytical Methods for Phospholipid Studies., 1990,, 13-41.		1
72	Effects of dietary saturated and polyunsaturated fats on adipose tissue lipoprotein lipase activity. Nutrition Research, 1990, 10, 683-695.	1.3	10

#	ARTICLE	IF	CITATIONS
73	Free radical inhibitor effect of retinol after carbon tetrachloride intoxication in the rat. Food Additives and Contaminants, 1990, 7, S182-S187.	2.0	14
74	Role of polyunsaturated fatty acids and lipid peroxidation in LM fibroblast plasma membrane transbilayer structure. Archives of Biochemistry and Biophysics, 1990, 276, 55-64.	1.4	22
75	Occurrence of 9- and 13-keto-octadecadienoic acid in biological membranes oxygenated by the reticulocyte lipoxygenase. Archives of Biochemistry and Biophysics, 1990, 279, 218-224.	1.4	24
76	Preferential hydrolysis of monohydroperoxides of linoleoyl and linolenoyl triacylglycerol by pancreatic lipase. Lipids and Lipid Metabolism, 1990, 1045, 233-238.	2.6	17
77	Metabolism and pulmonary toxicity of cyclophosphamide. , 1990, 47, 137-146.		81
78	Cytochrome oxidase induction after oxidative stress induced by adriamycin in liver of rats fed with dietary olive oil. Biochemical and Biophysical Research Communications, 1991, 181, 375-382.	1.0	36
79	Vitamin E Distribution and Modulation of the Physical State and Function of Pulmonary Endothelial Cell Membranes. Experimental Lung Research, 1991, 17, 707-723.	0.5	15
80	Reactive oxygen injury to cultured pulmonary artery endothelial cells: Mediation by poly(ADP-ribose) polymerase activation causing NAD depletion and altered energy balance. Archives of Biochemistry and Biophysics, 1991, 286, 353-363.	1.4	149
81	Accumulation of polyunsaturated free fatty acids coincident with the fusion of rough endoplasmic reticulum membranes. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1070, 274-278.	1.4	16
82	Effect of vitamin E on arachidonic acid peroxidation and its binding to Chinese hamster V79 cell DNA. Lipids and Lipid Metabolism, 1991, 1085, 159-166.	2.6	17
83	Lipid peroxidation in brain and lungs from mice exposed to hyperoxia. Biochemical Pharmacology, 1991, 41, 749-756.	2.0	35
84	Malondialdehyde (MDA) level in diabetic subjects. Relationship with blood glucose and glycosylated hemoglobin. Biomedicine and Pharmacotherapy, 1991, 45, 193-196.	2.5	69
85	Mechanisms of ascorbic acid-induced inhibition of chemical transformation in C3H/10T1/2 cells. American Journal of Clinical Nutrition, 1991, 54, 1236S-1240S.	2.2	14
86	Butylated hydroxyanisole in perspective. Chemico-Biological Interactions, 1991, 80, 109-134.	1.7	79
87	Potential role of free radicals in benzene-induced myelotoxicity and leukemia. Free Radical Biology and Medicine, 1991, 11, 495-515.	1.3	125
88	Direct and continuous measurement of hydroperoxide-induced oxidative stress on the membrane of intact erythrocytes. Free Radical Biology and Medicine, 1991, 11, 255-261.	1.3	37
89	2-Deoxy-d-glucose uptake and fatty acid content in fibroblast cultures from children with syndromic paucity of interlobular bile ducts (alagille syndrome). Journal of Inherited Metabolic Disease, 1991, 14, 215-227.	1.7	2
90	Relationship between dietary retinol and $\hat{l}\pm\hat{a}$ coopherol and lipid peroxidation in rat liver cytosol. Food Additives and Contaminants, 1992, 9, 1-9.	2.0	16

#	Article	IF	Citations
91	Impact of oxidized lipids and antioxidants, such as vitamin E and lazaroids, on the structure and dynamics of unsaturated membranes. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 1901.	1.7	26
92	Mitochondrial and microsomal cholesterol mobilization after oxidative stress induced by adriamycin in rats fed with dietary olive and corn oil. Life Sciences, 1992, 50, 2111-2118.	2.0	31
93	The influence of NADPH-dependent lipid peroxidation on the progesterone biosynthesis in human placental mitochondria. Journal of Steroid Biochemistry and Molecular Biology, 1992, 42, 729-736.	1.2	12
94	Effect of age-related lipid peroxidation on membrane fluidity and phospholipase A2: Modulation by dietary restriction. Mechanisms of Ageing and Development, 1992, 65, 17-33.	2.2	155
95	Influence of histidine on lipid peroxidation in sarcoplasmic reticulum. Archives of Biochemistry and Biophysics, 1992, 292, 427-432.	1.4	35
96	Cholate solubilization of liver microsomal membrane components which promote NADPH-supported lipid peroxidation. Archives of Biochemistry and Biophysics, 1992, 292, 62-69.	1.4	6
97	The influence of lipid peroxidation products (malondialdehyde, 4-hydroxynonenal) on xanthine oxidoreductase prepared from rat liver. Biochemical Pharmacology, 1992, 43, 2117-2120.	2.0	12
98	A Decrease of Lipid Fluidity of the Porcine Intestinal Brush-Border Membranes by Treatment with Malondialdehyde. Journal of Biochemistry, 1992, 111, 419-423.	0.9	27
99	Variation in free-radical damage in rice cell suspensions with different embryogenic potentials. Planta, 1992, 188, 296-305.	1.6	33
100	Effects of dietary linseed oil and marine oil on lipid peroxidation in monkey liverin vivo andin vitro. Lipids, 1992, 27, 740-745.	0.7	77
101	The dual effect of oxidation on lipid bilayer structure. Lipids, 1992, 27, 261-265.	0.7	49
102	The effect of heavy metals on processes of lipid peroxidation in microsomal membranes from the hepatopancreas of the bivalve mollusc mizuhopecten yessoensis. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1992, 103, 419-422.	0.2	9
103	Routes of formation and toxic consequences of lipid oxidation products in foods. Free Radical Biology and Medicine, 1992, 12, 63-81.	1.3	280
104	Studies on lipid peroxidation in different model membranes: role of cysteamine. Chemistry and Physics of Lipids, 1992, 62, 31-38.	1.5	6
105	Hepatic lipid peroxidation and trace elements â€" nutritional status in streptozotocin-induced diabetic rats. European Journal of Nutrition, 1992, 31, 103-109.	4.6	1
106	Artifact formation during transmethylation of lipid peroxides. Analytical Biochemistry, 1992, 203, 35-38.	1.1	1
107	Effect of phospholipid acyl chain modulation on vitamin E incorporation into pulmonary artery endothelial cell membranes. Journal of Cellular Physiology, 1993, 155, 394-398.	2.0	0
108	Effect of sex hormones on copper, zinc, iron nutritional status and hepatic lipid peroxidation in rats. Molecular Nutrition and Food Research, 1993, 37, 28-34.	0.0	10

#	Article	IF	CITATIONS
109	Dietary oxidized oil enhances the activity of (Na+K+) ATPase and acetylcholinesterase and lowers the fluidity of rat erythrocyte membrane. Journal of Nutritional Biochemistry, 1993, 4, 563-568.	1.9	40
110	Protection of vascular endothelial cells from hydrogen peroxide-induced oxidant injury by gypenosides, saponins of Gynostemma pentaphyllum. Phytotherapy Research, 1993, 7, 299-304.	2.8	20
111	NUCLEAR FACTOR ΰB BINDING ACTIVITY IN MOUSE L1210 CELLS FOLLOWING PHOTOFRIN IIâ€MEDIATED PHOTOSENSITIZATION. Photochemistry and Photobiology, 1993, 58, 753-756.	1.3	86
112	Cardiotoxic Effects of Nitrofurantoin and Tertiary Butylhydroperoxide <i>in Vitro</i> : Are Oxygen Radicals Involved?. Basic and Clinical Pharmacology and Toxicology, 1993, 72, 50-55.	0.0	6
113	Ferrous-iron-induced oxidation in chicken liver slices as measured by hemichrome formation and thiobarbituric acid-reactive substances: Effects of dietary vitamin E and \hat{l}^2 -carotene. Free Radical Biology and Medicine, 1993, 15, 37-48.	1.3	28
114	Diabetes increases excretion of urinary malonaldehyde conjugates in rats. Lipids, 1993, 28, 663-666.	0.7	64
115	Continuous monitoring of lipid peroxidation by measuring conjugated diene formation in an aqueous liposome suspension. Lipids, 1993, 28, 857-861.	0.7	48
116	Free radical-lipid interactions and their pathological consequences. Progress in Lipid Research, 1993, 32, 71-110.	5.3	426
117	Changes of lipid peroxide levels in blood and liver tissue of patients with obstructive jaundice. Clinica Chimica Acta, 1993, 215, 41-50.	0.5	64
118	Relationships between age-dependent changes in the effect of almitrine on H+-ATPase/ATPsynthase and the pattern of membrane fatty acid composition. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1141, 90-94.	0.5	12
119	Hepatic injury and lipid peroxidation during hemorrhagic shock and resuscitation. Life Sciences, 1993, 53, 1685-1690.	2.0	9
120	Conformational changes in oxidized phospholipids and their preferential hydrolysis by phospholipase A2: A monolayer study. Biochemistry, 1993, 32, 4962-4967.	1.2	101
121	Protective Effect of Gypenosides Against Oxidative Stress in Phagocytes, Vascular Endothelial Cells and Liver Microsomes. Cancer Biotherapy, 1993, 8, 263-272.	0.6	68
122	Chapter 5 Evaluation of the concomitance of lipid peroxidation in experimental models of cerebral ischemia and stroke. Progress in Brain Research, 1993, 96, 69-95.	0.9	63
123	Inactivation of rat small intestinal brush-border membrane alkaline phosphatase by oxygen free radicals. Gastroenterology, 1993, 105, 357-366.	0.6	35
124	Overview: Mechanisms of Antioxidant Action on Life Span. Toxicology and Industrial Health, 1993, 9, 151-161.	0.6	3
125	A Method to Evaluate Lipid Peroxidation by an Automated Analysis of Exhaled Pentane in Human and Rat Breath., 1994, 4, 1-11.		4
126	Lipid peroxidation in open-heart surgery. Perfusion (United Kingdom), 1994, 9, 277-283.	0.5	12

#	Article	IF	CITATIONS
127	Lipid hydroperoxide-induced peroxidation and turnover of endothelial cell phospholipids. Free Radical Biology and Medicine, 1994, 17, 297-309.	1.3	42
128	The relationship of iron and glycogen to the in vitro, ultraweak chemiluminescent analysis of lipid peroxidation in rabbit hearts of varying ages. Free Radical Biology and Medicine, 1994, 16, 627-631.	1.3	5
129	The potential of the hydrocarbon breath test as a measure of lipid peroxidation. Free Radical Biology and Medicine, 1994, 17, 127-160.	1.3	336
130	HIGH FISH OIL DIET INCREASES OXIDATIVE STRESS POTENTIAL IN MAMMARY GLAND OF SPONTANEOUSLY HYPERTENSIVE RATS. Clinical and Experimental Pharmacology and Physiology, 1994, 21, 881-889.	0.9	13
131	Spontaneous chemiluminescence of ETYA (5,8,11,14-eicosatetraynoic acid) is inhibited by catalase or peroxidase. Prostaglandins Leukotrienes and Essential Fatty Acids, 1994, 51, 271-275.	1.0	3
132	Distribution of immunoreactive malondialdehyde-modified low-density lipoprotein in human serum. Lipids and Lipid Metabolism, 1994, 1215, 121-125.	2.6	130
133	Evidence of lipid peroxidation in patients taking neuroleptic drugs. Current Therapeutic Research, 1994, 55, 133-141.	0.5	3
134	Some chemical and biochemical constraints of oxidative stress in living cells* *This chapter is dedicated to René Buvet (†November 26, 1992) who led me to the astonishing world of oxygen biochemistry New Comprehensive Biochemistry, 1994, , 25-66.	0.1	27
135	Acute Intramuscular Injection of Oils or the Oleic Acid Component Protects Mice against Paraquat Lethality. Journal of Nutrition, 1994, 124, 425-429.	1.3	7
136	Copper deficiency: interaction with high-fructose and high-fat diets in rats. American Journal of Clinical Nutrition, 1995, 61, 105-110.	2.2	24
137	The effect of peroxides on the vascular endothelium of isolated pig aorta in vitro. Experimental and Toxicologic Pathology, 1995, 47, 51-61.	2.1	2
138	Olive oil and breast cancer. Cancer Causes and Control, 1995, 6, 475-476.	0.8	56
139	Iron-catalyzed reaction products of \hat{l} ±-tocopherol with methyl 13(S)-hydroperoxy-9(Z),11(E)-octadecadienoate. Lipids, 1995, 30, 395-404.	0.7	26
140	Lung damage in paraquat poisoning and hyperbaric oxygen exposure: Superoxide-mediated inhibition of phospholipase a2. Free Radical Biology and Medicine, 1995, 18, 203-213.	1.3	26
141	Modification of malondialdehyde concentration by administration of protamine sulfate. Clinical Chemistry, 1995, 41, 1544-1544.	1.5	0
142	Physiological changes in antioxidant defences in fetal and neonatal rat liver. Reproduction, Fertility and Development, 1995, 7, 1375.	0.1	12
143	Lipid peroxidation: a novel enzymatic mechanism of protective effect of \hat{l}_{\pm} -tocopherol in biological membranes. Redox Report, 1995, 1, 299-301.	1.4	7
144	Epidemiologic studies of antioxidants and cancer in humans Journal of the American College of Nutrition, 1995, 14, 419-427.	1.1	104

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145	Effects of Low-Dose Hydrogen Peroxide in the Isolated Perfused Rat Lung. Experimental Lung Research, 1995, 21, 95-112.	0.5	15
146	Inhibition of Microsomal Chemiluminescence by Cytosolic Fractions Containing Fatty Acid Binding Protein. Archives of Physiology and Biochemistry, 1995, 103, 39-43.	1.0	5
147	Skin Burn Injury and Oxidative Stress in Liver and Lung Tissues of Rabbit Models. Clinical Chemistry and Laboratory Medicine, 1995, 33, 323-8.	1.4	6
148	Use of antioxidants during preparation of \hat{l} ±-tocopherol enriched liposomes. Nutrition Research, 1995, 15, 795-802.	1.3	2
149	Lipid peroxidation in organs of the scallop Mizuhopecten yessoensis and sea-urchin Strongylocentrotus intermedius during the reproductive cycle. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1995, 110, 371-377.	0.7	18
150	Prospects for the Use of Antioxidant Therapies. Drugs, 1995, 49, 345-361.	4.9	489
151	Lipid peroxidation: A review of causes, consequences, measurement and dietary influences. International Journal of Food Sciences and Nutrition, 1996, 47, 233-261.	1.3	260
152	Menadioneâ€Induced Oxidative Stress in Bovine Heart Microvascular Endothelial Cells ^a . Microcirculation, 1996, 3, 39-47.	1.0	20
153	Fish blood parameters as a potential tool for identification of stress caused by environmental factors and chemical intoxication. Marine Environmental Research, 1996, 41, 27-43.	1.1	180
154	Tissue-specific differences in antioxidant distribution and susceptibility to lipid peroxidation during development of the chick embryo. Lipids and Lipid Metabolism, 1996, 1304, 1-10.	2.6	183
155	Eicosanoid Metabolism and Bioactivation by Microsomal Cytochrome P450. Advances in Molecular and Cell Biology, 1996, 14, 317-339.	0.1	8
156	Lipid and lipoprotein oxidation: basic mechanisms and unresolved questions in vivo. Redox Report, 1996, 2, 291-307.	1.4	20
157	Glutathione, oxidative stress and aging. Age, 1996, 19, 129-139.	3.0	49
158	Ginkgo biloba attenuates oxidative stress in macrophages and endothelial cells. Free Radical Biology and Medicine, 1996, 20, 121-127.	1.3	78
159	The role of oxidized lipoproteins in atherogenesis. Free Radical Biology and Medicine, 1996, 20, 707-727.	1.3	1,238
160	Spermine prevent iron accumulation and depress lipofuscin accumulation in cultured myocardial cells. Free Radical Biology and Medicine, 1996, 21, 375-381.	1.3	19
161	Metallothionein and Zinc as Potential Antioxidants in Radical-Induced Lipid Peroxidation in Cultured Hepatocytes. Journal of Trace Elements in Medicine and Biology, 1996, 10, 88-95.	1.5	28
162	Reactive oxygen species in developmental toxicity: Review and hypothesis. , 1996, 53, 196-217.		143

#	Article	IF	Citations
163	Sinusoidal Lining Cells and Hepatotoxicity. Toxicologic Pathology, 1996, 24, 112-118.	0.9	31
164	Reactive Oxygen Species and their Cytotoxic Mechanisms. Advances in Molecular and Cell Biology, 1997, 20, 25-73.	0.1	22
165	Vitamin E: Mechanism of Its Antioxidant Activity Food Science and Technology Research, 1997, 3, 301-309.	0.2	67
166	Anti-oxidant therapy: does it have a role in the treatment of human disease?. Expert Opinion on Investigational Drugs, 1997, 6, 211-236.	1.9	29
167	Enzymatic defenses of the rat heart against lipid peroxidation. Mechanisms of Ageing and Development, 1997, 97, 1-7.	2.2	27
168	Non-enzymatic peroxidation of lipids isolated from rat liver microsomes, mitochondria and nuclei. International Journal of Biochemistry and Cell Biology, 1997, 29, 541-546.	1.2	21
169	Comparison of urinary and plasma malondialdehyde in preterm infants. Clinica Chimica Acta, 1997, 263, 177-185.	0.5	79
170	Luminal Peroxides in Intestinal Thiol-Disulfide Balance and Cell Turnover. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1997, 118, 479-485.	0.7	9
171	Hydrogen peroxide-induced impairment of reactivity in rat isolated aorta: potentiation by 3-amino-1,2,4-triazole. British Journal of Pharmacology, 1997, 121, 813-819.	2.7	29
172	Peroxide treatment changes activity of non specific esterase in vascular endothelium of isolated pig aorta in vitro. Experimental and Toxicologic Pathology, 1997, 49, 355-359.	2.1	0
173	Plasma and Liver αâ€ŧocopherol in Dairy Cows with Left Abomasal Displacement and Fatty Liver. Transboundary and Emerging Diseases, 1997, 44, 91-97.	0.6	19
174	Influence of retinol deficiency and curcumin/turmeric feeding on tissue microsomal membrane lipid peroxidation and fatty acids in rats., 1997, 175, 43-48.		31
175	An ethanolicâ€aqueous extract of <i>Curcuma longa</i> decreases the susceptibility of liver microsomes and mitochondria to lipid peroxidation in atherosclerotic rabbits. BioFactors, 1998, 8, 51-57.	2.6	42
176	Plasma antioxidants are strongly affected by ironâ€induced lipid peroxidation in rats subjected to physical exercise and different dietary fats. BioFactors, 1998, 8, 119-127.	2.6	11
177	Tissue Specific Interactions of Exercise, Dietary Fatty Acids, and Vitamin E in Lipid Peroxidation. Free Radical Biology and Medicine, 1998, 24, 511-521.	1.3	100
178	Oxidative Damage, Plasma Antioxidant Capacity, and Glucemic Control in Elderly NIDDM Patients. Free Radical Biology and Medicine, 1998, 24, 580-585.	1.3	61
179	The relationship between apolipoprotein E and serum oxidation-related variables is apolipoprotein E phenotype dependent. International Journal of Clinical and Laboratory Research, 1998, 28, 116-121.	1.0	48
180	Oxidative damage and fumonisin B1-induced toxicity in primary rat hepatocytes and rat liver in vivo. Toxicology, 1998, 131, 121-131.	2.0	134

#	Article	IF	CITATIONS
181	Effect of Green Tea and Black Tea on the Blood Glucose, the Blood Triglycerides, and Antioxidation in Aged Rats. Journal of Agricultural and Food Chemistry, 1998, 46, 3875-3878.	2.4	51
182	Determination of the Yield of Radiation-Induced Peroxidation of Sodium Linoleate in Aqueous Monomeric and Micellar Solutions. Radiation Research, 1998, 150, 600.	0.7	15
184	Age-dependent sensitization to oxidative stress by dietary fatty acids. Aging Clinical and Experimental Research, 1998, 10, 455-462.	1.4	6
185	Determinants of Intestinal Detoxication of Lipid Hydroperoxides. Free Radical Research, 1998, 28, 637-646.	1.5	40
186	Fructus corni Attenuates Oxidative Stress in Macrophages and Endothelial Cells. The American Journal of Chinese Medicine, 1998, 26, 291-300.	1.5	16
187	Tissue stores of individual monounsaturated fatty acids and breast cancer: the EURAMIC study. American Journal of Clinical Nutrition, 1998, 68, 134-141.	2.2	91
188	Genotoxic lipid peroxidation products: their DNA damaging properties and role in formation of endogenous DNA adducts. Mutagenesis, 1998, 13, 287-305.	1.0	255
189	Oxidação lipÃdica em alimentos e sistemas biológicos: mecanismos gerais e implicações nutricionais e patológicas. Revista De Nutricao, 1998, 11, 3-14.	0.4	26
190	Molecular and cellular responses to oxidative stress and changes in oxidation-reduction imbalance in the intestine. American Journal of Clinical Nutrition, 1999, 70, 557-565.	2.2	169
191	The Epworth Sleepiness Scale may not reflect objective measures of sleepiness or sleep apnea. Neurology, 1999, 52, 125-125.	1.5	343
193	Virgin olive oil and coenzyme Q ₁₀ protect heart mitochondria from peroxidative damage during aging. BioFactors, 1999, 9, 337-343.	2.6	41
194	Diabetes: A model of oxidative accelerated aging. Age, 1999, 22, 145-148.	3.0	9
195	Free and Total Malondialdehyde Assessment in Biological Matrices by Gas Chromatography–Mass Spectrometry: What Is Needed for an Accurate Detection. Analytical Biochemistry, 1999, 266, 222-229.	1.1	96
196	Methods to assess free radicals and oxidative stress in biological systems. Archiv Fur Tierernahrung, 1999, 52, 203-222.	0.3	45
197	MAO inhibitors and oxidant stress in aging brain tissue. European Neuropsychopharmacology, 1999, 9, 247-252.	0.3	57
198	Modulation of lipid peroxidation and antioxidant enzymes in murine salivary gland by dietary fatty acid ethyl esters. Life Sciences, 1999, 65, 2373-2383.	2.0	22
199	Oxidative Injury and Inflammatory Periodontal Diseases: the Challenge of Anti-Oxidants to Free Radicals and Reactive Oxygen Species. Critical Reviews in Oral Biology and Medicine, 1999, 10, 458-476.	4.4	253
200	Oral administration of a turmeric extract inhibits LDL oxidation and has hypocholesterolemic effects in rabbits with experimental atherosclerosis. Atherosclerosis, 1999, 147, 371-378.	0.4	239

#	Article	IF	CITATIONS
201	Inhibition of Cardiac L-Type Calcium Channels by Epoxyeicosatrienoic Acids. Molecular Pharmacology, 1999, 55, 288-295.	1.0	149
202	Antioxidant and GSH-related enzyme response to a single teratogenic exposure to the anticonvulsant phenytoin: Temporospatial evaluation. Teratology, 2000, 62, 100-107.	1.8	18
203	Biochemical abnormalities during the progression of hepatic fibrosis induced by dimethylnitrosamine. Clinical Biochemistry, 2000, 33, 563-570.	0.8	66
204	Oxidative Status And Anti-Oxidant Enzyme Activity During Calcium Paradox In The Rat Isolated Heart. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 160-166.	0.9	2
205	Modulation of endoplasmic reticulum-bound cholesterol regulatory enzymes by iron/ascorbate-mediated lipid peroxidation. Free Radical Biology and Medicine, 2000, 28, 46-54.	1.3	39
206	The heme synthesis and degradation pathways: role in oxidant sensitivity. Free Radical Biology and Medicine, 2000, 28, 289-309.	1.3	710
207	Membrane changes in rat erythrocyte ghosts on ghee feeding. , 2000, 204, 57-63.		18
208	Analysis of the addition products of \hat{l} ±-tocopherol with phosphatidylcholine-peroxyl radicals by high-performance liquid chromatography with chemiluminescent detection. Lipids, 2000, 35, 1405-1410.	0.7	10
209	Lipid peroxidation in healthy and diseased models: influence of different types of exercise. , 2000, , 115-127.		13
210	Evidence of the Formation of Different Hydroperoxides in Irradiated Gamma-Linolenate Solutions: Effect of Micelle Formation. Radiation Research, 2000, 153, 201-207.	0.7	14
211	Effects of Varying Concentrations of Bleach on in vitro HIV-1 Replication and the Relevance to Injection Drug Use. Intervirology, 2000, 43, 1-5.	1.2	6
212	INTERACTION OF MONENSIN AND SULFADIMETHOXINE IN BROILERS, AS MEDIATED BY HEPATIC MICROSOMAL CYTOCHROME P-450 MONOOXYGENASES. Drug Metabolism and Drug Interactions, 2000, 16, 1-12.	0.3	4
213	Non-enzymatic lipid peroxidation of microsomes and mitochondria isolated from liver and heart of pigeon and rat. International Journal of Biochemistry and Cell Biology, 2000, 32, 73-79.	1.2	25
214	Reduction in paraquat embryotoxicity by ascorbic acid in Xenopus laevis. Aquatic Toxicology, 2001, 51, 293-303.	1.9	20
215	Changes in oxidative stress parameters and acid phosphatase activity in the pre-regressing and regressing tail of Indian jumping frog Polypedates maculatus (Anura, Rhacophoridae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 130, 281-288.	1.3	10
216	De la peroxydation lipidique radioinduite : les facteurs déterminant l'oxydabilité des lipides. Canadian Journal of Physiology and Pharmacology, 2001, 79, 144-153.	0.7	7
217	Oxidative Stress and Homocysteine in Coronary Artery Disease. Clinical Chemistry, 2001, 47, 887-892.	1.5	138
218	Dietary oils high in oleic acid, but with different non-glyceride contents, have different effects on lipid profiles and peroxidation in rabbit hepatic mitochondria. Journal of Nutritional Biochemistry, 2001, 12, 357-364.	1.9	46

#	Article	IF	CITATIONS
219	Analysis of the protection afforded by annexin 1 in ischaemia–reperfusion injury: focus on neutrophil recruitment. European Journal of Pharmacology, 2001, 429, 263-278.	1.7	49
220	Changes in mitochondrial and microsomal lipid peroxidation and fatty acid profiles in adrenal glands, testes, and livers from α-tocopherol-deficient rats. Free Radical Biology and Medicine, 2001, 30, 1029-1035.	1.3	16
221	Cellular and Molecular Responses to Peroxide-Induced Oxidative Stress and Redox Imbalance in the Intestine. , 2001 , , $1-12$.		0
222	Radiation induced peroxidation of polyunsaturated fatty acids: Recent results on formation of hydroperoxides. Canadian Journal of Physiology and Pharmacology, 2001, 79, 176-179.	0.7	12
223	Antioxidant Activity of Dodecyl Gallate. Journal of Agricultural and Food Chemistry, 2002, 50, 3533-3539.	2.4	83
224	Increase in Oxidative Damage to Lipids and Proteins in Skeletal Muscle of Uremic Patients. Free Radical Research, 2002, 36, 295-302.	1.5	39
225	Fatty acid profiles and lipid peroxidation of microsomes and mitochondria from liver, heart and brain of Cairina moschata. International Journal of Biochemistry and Cell Biology, 2002, 34, 605-612.	1.2	23
226	Improved Thin-Layer Chromatographic Method for the Separation of Cholesterol, Egg Phosphatidylcholine, and Their Degradation Products. Journal of AOAC INTERNATIONAL, 2002, 85, 1273-1287.	0.7	2
227	Impact of oral l-glutamine on glutathione, glutamine, and glutamate blood levels in volunteers. Nutrition, 2002, 18, 367-370.	1.1	31
228	Mitochondrial DNA mutations and oxidative damage in skeletal muscle of patients with chronic uremia. Journal of Biomedical Science, 2002, 9, 549-560.	2.6	23
229	Analysis of vitamin E and its oxidation products by HPLC with electrochemical detection. Lipids, 2002, 37, 515-522.	0.7	25
230	Assay methods of modified lipoproteins in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 781, 313-330.	1.2	18
231	Iron-catalyzed reaction products of \hat{l}_{\pm} -tocopherol with 1-palmitoyl-2-linoleoyl-3-sn-phosphatidylcholine (13S)-hydroperoxide. Chemistry and Physics of Lipids, 2002, 114, 193-201.	1.5	12
232	Petroleum – induced free radical toxicity in African catfish (Clarias gariepinus). Fish Physiology and Biochemistry, 2003, 29, 97-103.	0.9	61
233	The phytoestrogen equol increases nitric oxide availability by inhibiting superoxide production: an antioxidant mechanism for cell-mediated LDL modification. Free Radical Biology and Medicine, 2003, 34, 1271-1282.	1.3	132
234	Induction of redox changes, inducible nitric oxide synthase and cyclooxygenase-2 by chronic cadmium exposure in mouse peritoneal macrophages. Toxicology Letters, 2003, 145, 121-132.	0.4	55
235	Biochemical pharmacology of functional foods and prevention of chronic diseases of aging. Biomedicine and Pharmacotherapy, 2003, 57, 251-260.	2.5	156
236	A treatise on chicken dam nutrition that impacts on progeny. World's Poultry Science Journal, 2003, 59, 475-494.	1.4	58

#	Article	IF	CITATIONS
237	Importance of internal mammary artery perfusion in cardiac ischemia and reperfusion. Perfusion (United Kingdom), 2003, 18, 351-356.	0.5	1
238	Oxidative Stress in Erythrocytes from Premature and Full-term Infants During their First 72 h of Life. Free Radical Research, 2003, 37, 317-322.	1.5	49
239	Inhibition of tumour necrosis factor \hat{l}_{\pm} and interleukin 6 production by mononuclear cells following dietary fish-oil supplementation in healthy men and response to antioxidant co-supplementation. British Journal of Nutrition, 2003, 90, 405-412.	1.2	207
242	Evolutionary and biological theories of senescence. , 2003, , 34-70.		0
243	Human variation: growth, development, life history, and senescence., 2003,, 71-130.		0
244	Human variation: chronic diseases, risk factors, and senescence. , 2003, , 131-196.		0
245	Human life span and life extension. , 2003, , 197-225.		0
246	Discussion and perspectives. , 2003, , 226-250.		0
248	Oxidation Products of Vitamin E in the Peroxidation of Liposomal and Biological Systems. Journal of Clinical Biochemistry and Nutrition, 2004, 34, 111-120.	0.6	10
249	Oxidative stress and depletion of hepatic long-chain polyunsaturated fatty acids may contribute to nonalcoholic fatty liver disease. Free Radical Biology and Medicine, 2004, 37, 1499-1507.	1.3	215
250	Effect of immobilisation stress on lipid peroxidation and lipid profile in rabbits. Indian Journal of Clinical Biochemistry, 2004, 19, 1-4.	0.9	27
251	Evaluation of lipid peroxidation in red blood cells by monitoring the uptake of sucrose and phenol red. Journal of Applied Toxicology, 2004, 24, 223-229.	1.4	6
252	Fatty acid composition and lipid peroxidation induced by ascorbate-Fe2+ in different organs of goose (Anser anser). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 137, 123-132.	1.3	6
253	Protective effects of Curcuma longa on ischemia-reperfusion induced myocardial injuries and their mechanisms. Life Sciences, 2004, 75, 1701-1711.	2.0	47
254	Damage to the structure of erythrocyte plasma membranes in patients with type-2 hypercholesterolemia. International Journal of Biochemistry and Cell Biology, 2004, 36, 205-215.	1.2	53
255	Effects of rosiglitazone treatment on the pentose phosphate pathway and glutathione-dependent enzymes in liver and kidney of rats fed a high-fat diet. Current Therapeutic Research, 2004, 65, 79-89.	0.5	14
256	Fish oil and antioxidants alter the composition and function of circulating mononuclear cells in Crohn disease. American Journal of Clinical Nutrition, 2004, 80, 1137-1144.	2.2	77
257	Antioxidants and physical performance in elderly persons: the Invecchiare in Chianti (InCHIANTI) study. American Journal of Clinical Nutrition, 2004, 79, 289-294.	2.2	263

#	Article	IF	CITATIONS
258	Increase in long-chain polyunsaturated fatty acid nâ^'6/nâ^'3 ratio in relation to hepatic steatosis in patients with non-alcoholic fatty liver disease. Clinical Science, 2004, 106, 635-643.	1.8	576
259	Lifeâ€long supplementation with a low dosage of coenzyme Q ₁₀ in the rat: Effects on antioxidant status and DNA damage. BioFactors, 2005, 25, 73-86.	2.6	43
260	Risk assessment of DNA-reactive carcinogens in food. Toxicology and Applied Pharmacology, 2005, 207, 628-635.	1.3	27
261	Rapid monitoring of diabetes-induced lipid peroxidation by Fourier transform infrared spectroscopy: Evidence from rat liver microsomal membranes. Analytical Biochemistry, 2005, 339, 36-40.	1.1	115
262	A New Role of Glucose-6-Phosphate Isomerase: Protection of Cell Structures from Malonic Dialdehyde. Doklady Biochemistry and Biophysics, 2005, 403, 281-283.	0.3	0
263	A New Role of Phosphoglucose Isomerase. Involvement of the Glycolytic Enzyme in Aldehyde Metabolism. Biochemistry (Moscow), 2005, 70, 1251-1255.	0.7	8
264	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, 970-975.	1.7	46
265	Lipoprotein Peroxidation and Mobility Limitation. Archives of Internal Medicine, 2005, 165, 2148.	4.3	37
266	Pyruvate provides cardioprotection in the experimental model of myocardial ischemic reperfusion injury. Life Sciences, 2006, 79, 38-44.	2.0	20
267	Sesame Ingestion Affects Sex Hormones, Antioxidant Status, and Blood Lipids in Postmenopausal Women. Journal of Nutrition, 2006, 136, 1270-1275.	1.3	120
268	Lipid peroxidation, occupational stress and aging in workers of a prehospital emergency service. European Journal of Emergency Medicine, 2006, 13, 165-171.	0.5	29
269	Cardioprotective effect of lycopene in the experimental model of myocardial ischemia-reperfusion injury. Molecular and Cellular Biochemistry, 2006, 289, 1-9.	1.4	49
270	Cumene peroxide and Fe2+-ascorbate-induced lipid peroxidation and effect of phosphoglucose isomerase. Molecular and Cellular Biochemistry, 2006, 289, 49-53.	1.4	7
271	The ether lipid-deficient mouse: Tracking down plasmalogen functions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1511-1526.	1.9	207
272	Changes in the erythrocyte anti-oxidant system of offspring of dams treated with Vitamin A and \hat{l}^2 -carotene during gestation. Small Ruminant Research, 2006, 65, 142-148.	0.6	6
273	Cardiovascular Disease Could Be Contained Based on Currently Available Data!. Dose-Response, 2006, 4, dose-response.0.	0.7	2
274	Calcium-independent Phospholipase A2 Localizes in and Protects Mitochondria during Apoptotic Induction by Staurosporine. Journal of Biological Chemistry, 2006, 281, 22275-22288.	1.6	117
275	Glyoxalase I A111E, paraoxonase 1 Q192R and L55M polymorphisms: susceptibility factors of multiple sclerosis?. Multiple Sclerosis Journal, 2007, 13, 446-453.	1.4	32

#	ARTICLE	IF	CITATIONS
276	Fluidity and oxidative stress in erythrocytes from very low birth weight infants during their first 7 days of life. Free Radical Research, 2007, 41, 1035-1040.	1.5	14
277	Addition Products of αâ€Tocopherol with Lipidâ€Derived Free Radicals. Vitamins and Hormones, 2007, 76, 309-327.	0.7	22
278	Green Tea Polyphenols as an Anti-Oxidant and Anti-Inflammatory Agent for Cardiovascular Protection. Cardiovascular & Hematological Disorders Drug Targets, 2007, 7, 135-144.	0.2	253
279	Mechanisms of Cell Death in Oxidative Stress. Antioxidants and Redox Signaling, 2007, 9, 49-89.	2.5	1,045
280	A chemiluminescence nanosensor to monitor lipid peroxidation. Analyst, The, 2007, 132, 104-106.	1.7	15
281	Protective effect of Centella asiatica extract and powder on oxidative stress in rats. Food Chemistry, 2007, 100, 535-541.	4.2	55
282	Lipofuscin. Annals of the New York Academy of Sciences, 2007, 1119, 97-111.	1.8	345
283	Cardioprotective response to chronic administration of vitamin E in isoproterenol induced myocardial necrosis: Hemodynamic, biochemical and ultrastructural studies. Indian Journal of Clinical Biochemistry, 2007, 22, 22-28.	0.9	11
284	Effects of tamoxifen on myocardial ischemia-reperfusion injury model in ovariectomized rats. Molecular and Cellular Biochemistry, 2008, 308, 227-235.	1.4	32
285	Headspace volatile markers for sensitivity of cocoa (Theobroma cacao L.) somatic embryos to cryopreservation. Plant Cell Reports, 2008, 27, 453-461.	2.8	29
286	Relationship between oxidative and occupational stress and aging in nurses of an intensive care unit. Age, 2008, 30, 229-236.	3.0	32
287	Oxygen and Nitrogen Free Radicals. , 2008, , 1-30.		0
288	Diallyl sulfide attenuates bleomycin-induced pulmonary fibrosis: Critical role of iNOS, NF- \hat{l}^2 B, TNF- \hat{l}^{\pm} and IL- $1\hat{l}^2$. Life Sciences, 2008, 82, 1142-1153.	2.0	100
289	Nutritional assessment and hepatic fatty acid composition in non-alcoholic fatty liver disease (NAFLD): A cross-sectional study. Journal of Hepatology, 2008, 48, 300-307.	1.8	211
290	DNA Adducts as Biomarkers for Oxidative and Genotoxic Stress from Pesticides in Crop Plants. Journal of Agricultural and Food Chemistry, 2008, 56, 6751-6760.	2.4	10
291	Metal Catalyzed Oxidation of Alpha-Synuclein – A Role for Oligomerization in Pathology?. Current Alzheimer Research, 2008, 5, 599-606.	0.7	6
292	Madecassoside Reduces Ischemia-Reperfusion Injury on Regional Ischemia Induced Heart Infarction in Rat. Biological and Pharmaceutical Bulletin, 2008, 31, 458-463.	0.6	38
293	Effects of weight loss on liver and erythrocyte polyunsaturated fatty acid pattern and oxidative stress status in obese patients with non-alcoholic fatty liver disease. Biological Research, 2008, 41, .	1.5	43

#	Article	IF	Citations
294	Ethane and <i>n < /i>-pentane in exhaled breath are biomarkers of exposure not effect. Biomarkers, 2009, 14, 17-25.</i>	0.9	38
295	Cardioprotective effects of benazepril, an angiotensin-converting enzyme inhibitor, in an ischaemia-reperfusion model of myocardial infarction in rats. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2009, 10, 201-209.	1.0	10
296	Multicenter study to assess potential hazards from exposure to lipid peroxidation products in soya bean oil from Trilucentâ,,¢ breast implants. Regulatory Toxicology and Pharmacology, 2009, 53, 107-120.	1.3	6
297	Lipid Oxidation Products in Food and Atherogenesis. Nutrition Reviews, 2009, 51, 33-40.	2.6	74
298	Beneficial effects of apricot-feeding on myocardial ischemia-reperfusion injury in rats. Food and Chemical Toxicology, 2009, 47, 802-808.	1.8	64
299	Age-related differences in oxidative protein-damage in young and senescent fibroblasts. Archives of Biochemistry and Biophysics, 2009, 483, 127-135.	1.4	72
300	Therapeutic Influence of Zinc and Ascorbic Acid Against Lead induced Biochemical Alterations. Therapie, 2009, 64, 383-388.	0.6	7
301	Diclofenac Sodium, a Nonselective Nonsteroidal Anti-Inflammatory Drug Aggravates Doxorubicin-Induced Cardiomyopathy in Rats. Journal of Cardiovascular Pharmacology, 2010, 55, 139-144.	0.8	14
302	Protective effects of enzymatic digest from <i>Ecklonia cava</i> against high glucoseâ€induced oxidative stress in human umbilical vein endothelial cells. Journal of the Science of Food and Agriculture, 2010, 90, 349-356.	1.7	18
303	Dietary supplementation of old rats with hydrogenated peanut oil restores activities of mitochondrial respiratory complexes in skeletal muscles. Biochemistry (Moscow), 2010, 75, 1491-1497.	0.7	4
304	Lipid antioxidants: free radical scavenging <i>versus</i> regulation of enzymatic lipid peroxidation. Journal of Clinical Biochemistry and Nutrition, 2010, 48, 91-95.	0.6	38
305	Extracellular haemoglobin, oxidative stress and quality of red blood cells relative to perioperative blood salvage. Clinical Chemistry and Laboratory Medicine, 2010, 48, 677-683.	1.4	17
306	Protection against <i>in vivo</i> liver ischemia-reperfusion injury by <in-3< i="">long-chain polyunsaturated fatty acids in the rat. Free Radical Research, 2010, 44, 854-863.</in-3<>	1.5	44
307	Protection of Pancreatic \hat{l}^2 -Cells by Group VIA Phospholipase A2-Mediated Repair of Mitochondrial Membrane Peroxidation. Endocrinology, 2010, 151, 3038-3048.	1.4	75
309	Electrochemical Approach for Detection of Extracellular Oxygen Released from Erythrocytes Based on Graphene Film Integrated with Laccase and 2,2-Azino-bis(3-ethylbenzothiazoline-6-sulfonic acid). Analytical Chemistry, 2010, 82, 3588-3596.	3.2	106
310	Extraction, chemical analysis of Angelica sinensis polysaccharides and antioxidant activity of the polysaccharides in ischemia–reperfusion rats. International Journal of Biological Macromolecules, 2010, 47, 546-550.	3.6	108
311	Experimental evidence of the reciprocal oxidation of Bovine Serum Albumin and Linoleate in aqueous solution, initiated by HO• free radicals. Biochimie, 2010, 92, 1130-1137.	1.3	5
312	Biosynthesis and bioavailability of long-chain polyunsaturated fatty acids in non-alcoholic fatty liver disease. Progress in Lipid Research, 2010, 49, 407-419.	5.3	42

#	Article	IF	CITATIONS
313	Protective effects of dieckol isolated from Ecklonia cava against high glucose-induced oxidative stress in human umbilical vein endothelial cells. Toxicology in Vitro, 2010, 24, 375-381.	1.1	126
314	Lipid peroxidation and antioxidative defences during ischaemia and reperfusion of the equine ascending colon. Equine Veterinary Journal, 1992, 24, 99-101.	0.9	0
315	Electrochemical detection of extracellular hydrogen peroxide released from RAW 264.7 murine macrophage cells based on horseradish peroxidase–hydroxyapatite nanohybrids. Analyst, The, 2011, 136, 1116-1123.	1.7	39
316	The importance of the long-chain polyunsaturated fatty acid n-6/n-3 ratio in development of non-alcoholic fatty liver associated with obesity. Food and Function, 2011, 2, 644.	2.1	146
317	Rosiglitazone and pioglitazone aggravate doxorubicin-induced cardiomyopathy in Wistar rats. Biomedicine and Aging Pathology, 2011, 1, 65-71.	0.8	5
319	Antioxidant and Antiradical Activities of Manihot esculenta Crantz (Euphorbiaceae) Leaves and Other Selected Tropical Green Vegetables Investigated on Lipoperoxidation and Phorbol-12-myristate-13-acetate (PMA) Activated Monocytes. Nutrients, 2011, 3, 818-838.	1.7	30
320	Electrochemical measurement of the flux of hydrogen peroxide releasing from RAW 264.7 macrophage cells based on enzyme-attapulgite clay nanohybrids. Biosensors and Bioelectronics, 2011, 26, 4012-4017.	5. 3	74
321	Current Prospective of Aldose Reductase Inhibition in the Therapy of Allergic Airway Inflammation in Asthma. Current Molecular Medicine, 2011, 11, 599-608.	0.6	11
322	Cardiolipin: characterization of distinct oxidized molecular species. Journal of Lipid Research, 2011, 52, 125-135.	2.0	54
323	Oxidative stress status during the acute phase of haemolytic uraemic syndrome. Nephrology Dialysis Transplantation, 2011, 26, 858-864.	0.4	18
324	Positive Modulation Effect of 8-Week Consumption of <i>Kaempferia parviflora </i> on Health-Related Physical Fitness and Oxidative Status in Healthy Elderly Volunteers. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-7.	0.5	32
325	Dieckol Isolated from <i>Ecklonia cava</i> Protects against High-Glucose Induced Damage to Rat Insulinoma Cells by Reducing Oxidative Stress and Apoptosis. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1445-1451.	0.6	37
326	Biological systems. , 2012, , 391-455.		0
327	Mitochondrial Dysfunction and $\langle i \rangle \hat{l}^2 \langle i \rangle$ -Cell Failure in Type 2 Diabetes Mellitus. Experimental Diabetes Research, 2012, 2012, 1-11.	3.8	175
328	The Role of Peroxidation of Mitochondrial Membrane Phospholipids in Pancreatic & 2016; -Cell Failure. Current Diabetes Reviews, 2012, 8, 69-75.	0.6	36
329	Health Implications of High Dietary Omega-6 Polyunsaturated Fatty Acids. Journal of Nutrition and Metabolism, 2012, 2012, 1-16.	0.7	600
330	A curvilinear approach to the kinetic analysis of linoleate peroxidation in aqueous liposomes by 2,2′azobis(2-amidoinopropane) dihydrochloride. Chemistry and Physics of Lipids, 2012, 165, 682-688.	1.5	16
331	Effect of landfill leachate on oxidative stress of brain structures and liver from rodents: Modulation by photoelectrooxidation process. Ecotoxicology and Environmental Safety, 2012, 84, 319-324.	2.9	16

#	Article	IF	CITATIONS
332	Dumbbell-like PtPd–Fe ₃ O ₄ Nanoparticles for Enhanced Electrochemical Detection of H ₂ O ₂ . Nano Letters, 2012, 12, 4859-4863.	4.5	303
333	Prevention of liver ischemia reperfusion injury by a combined thyroid hormone and fish oil protocol. Journal of Nutritional Biochemistry, 2012, 23, 1113-1120.	1.9	32
334	Bioactive Compounds Extracted from Ecklonia cava by Using Enzymatic Hydrolysis Protects High Glucose-Induced Damage in INS-1 Pancreatic \hat{l}^2 -Cells. Applied Biochemistry and Biotechnology, 2012, 167, 1973-1985.	1.4	17
335	Cytotoxicity of Gold Nanoparticles. Methods in Enzymology, 2012, 509, 225-242.	0.4	17
336	Oxidant stress, mitochondria, and cell death mechanisms in drug-induced liver injury: Lessons learned from acetaminophen hepatotoxicity. Drug Metabolism Reviews, 2012, 44, 88-106.	1.5	719
337	Propagation of cutaneous thermal injury: A mathematical model. Wound Repair and Regeneration, 2012, 20, 114-122.	1.5	9
338	Diphlorethohydroxycarmalol isolated from Pae (Ishige okamurae) protects high glucose-induced damage in RINm5F pancreatic \hat{l}^2 cells via its antioxidant effects. Food Science and Biotechnology, 2012, 21, 239-246.	1.2	30
339	Non-destructive Multibiomarker Approach in European Quail (Coturnix coturnix coturnix) Exposed to the Herbicide Atrazine. Archives of Environmental Contamination and Toxicology, 2013, 65, 567-574.	2.1	4
340	Approaches to inverse-probability-of-treatment–weighted estimation with concurrent treatments. Journal of Clinical Epidemiology, 2013, 66, S51-S56.	2.4	14
341	Mechanism for the enhanced peroxidation of linoleic acid by a titanium dioxide/hypochlorite system. Biochemical and Biophysical Research Communications, 2013, 430, 78-83.	1.0	0
342	Octaphlorethol A, a novel phenolic compound isolated from Ishige foliacea, protects against streptozotocin-induced pancreatic \hat{l}^2 cell damage by reducing oxidative stress and apoptosis. Food and Chemical Toxicology, 2013, 59, 643-649.	1.8	35
343	Protective Effect of Neferine Against Isoproterenol-Induced Cardiac Toxicity. Cardiovascular Toxicology, 2013, 13, 168-179.	1.1	55
344	Novel interactions of caffeic acid with different hemoglobins: Effects on discoloration and lipid oxidation in different washed muscles. Meat Science, 2013, 95, 110-117.	2.7	20
345	<i>Trans</i> Fatty Acids Affect Cellular Viability of Human Intestinal Caco-2 Cells and Activate Peroxisome Proliferator-Activated Receptors. Nutrition and Cancer, 2013, 65, 139-146.	0.9	3
346	Glycyrrhiza glabra protects from myocardial ischemia–reperfusion injury by improving hemodynamic, biochemical, histopathological and ventricular function. Experimental and Toxicologic Pathology, 2013, 65, 219-227.	2.1	33
347	Carnosic acid protects biomolecules from free radical-mediated oxidative damage in vitro. Food Science and Biotechnology, 2013, 22, 1-8.	1.2	11
348	Mass Spectrometric Analysis of Oxidized Eicosapentaenoic Acid Sodium Salt. Lipid Insights, 2013, 6, LPI.S10862.	1.0	5
349	Self-Assembled Au Electrode for Direct Electrochemistry of Horseradish Peroxidase and Detection of Hydrogen Peroxide. Advanced Materials Research, 0, 704, 72-76.	0.3	0

#	Article	IF	CITATIONS
350	Pretransplantation Erythropoiesis-Stimulating Agent Hyporesponsiveness Is Associated with Increased Kidney Allograft Failure and Mortality. Transplantation, 2013, 96, 807-813.	0.5	8
351	Protective Effect of Padina arborescens Extract against High Glucose-induced Oxidative Damage in Human Umbilical Vein Endothelial Cells. Preventive Nutrition and Food Science, 2013, 18, 11-17.	0.7	5
352	Cardioprotective Effects of Astaxanthin against Isoproterenol-Induced Cardiotoxicity in Rats. Journal of Nutrition & Food Sciences, 2014, 05, .	1.0	6
353	Comparative short-term safety of bolus versus maintenance iron dosing in hemodialysis patients: a replication study. BMC Nephrology, 2014, 15, 154.	0.8	11
354	Biochemical effects of Solidago virgaurea extract on experimental cardiotoxicity. Journal of Physiology and Biochemistry, 2014, 70, 33-42.	1.3	14
355	Electrochemical device based on a Pt nanosphere-paper working electrode for in situ and real-time determination of the flux of H ₂ O ₂ releasing from SK-BR-3 cancer cells. Chemical Communications, 2014, 50, 10315.	2.2	41
356	6,6′-Bieckol Isolated from Ecklonia cava Protects Oxidative Stress Through Inhibiting Expression of ROS and Proinflammatory Enzymes in High-Glucose-Induced Human Umbilical Vein Endothelial Cells. Applied Biochemistry and Biotechnology, 2014, 174, 632-643.	1.4	32
357	Enzyme-integrated cholesterol biosensing scaffold based on in situ synthesized reduced graphene oxide and dendritic Pd nanostructure. Biosensors and Bioelectronics, 2014, 62, 357-364.	5.3	33
358	Optogenetic control of ROS production. Redox Biology, 2014, 2, 368-376.	3.9	124
359	Cardioprotective and antioxidant effects of oleogum resin "Olibanum―from Bos Boswellia carteri Birdw. (Bursearceae). Chinese Journal of Natural Medicines, 2014, 12, 345-350.	0.7	21
360	How do nutritional antioxidants really work: Nucleophilic tone and para-hormesis versus free radical scavenging in vivo. Free Radical Biology and Medicine, 2014, 66, 24-35.	1.3	548
361	Intracellular Oxidant Activity, Antioxidant Enzyme Defense System, and Cell Senescence in Fibroblasts with Trisomy 21. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-17.	1.9	35
362	Hydrogen Sulfide as a Potential Therapeutic Target in Fibrosis. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-12.	1.9	36
363	Edaravone protects rats against oxidative stress and apoptosis in experimentally induced myocardial infarction: Biochemical and ultrastructural evidence. Redox Report, 2015, 20, 275-281.	1.4	38
364	Neferine, a bisbenzylisoquinoline alkaloid, offers protection against cobalt chloride-mediated hypoxia-induced oxidative stress in muscle cells. Integrative Medicine Research, 2015, 4, 231-241.	0.7	13
365	A polysaccharide (PNPA) from Pleurotus nebrodensis offers cardiac protection against ischemia–reperfusion injury in rats. Carbohydrate Polymers, 2015, 133, 1-7.	5.1	29
366	Effect of glycosides based standardized fenugreek seed extract in bleomycin-induced pulmonary fibrosis in rats: Decisive role of Bax, Nrf2, NF-lºB, Muc5ac, TNF-l̂± and IL-1l̂². Chemico-Biological Interactions, 2015, 237, 151-165.	1.7	122
367	An antioxidant-like action for non-peroxidisable phospholipids using ferrous iron as a peroxidation initiator. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1303-1307.	1.4	5

#	Article	IF	CITATIONS
368	6,6′-Bieckol protects insulinoma cells against high glucose-induced glucotoxicity by reducing oxidative stress and apoptosis. Fìtoterapìâ, 2015, 106, 135-140.	1.1	18
369	Temporal changes in hepatic antioxidant enzyme activities after ischemia and reperfusion in a rat liver ischemia model. Human and Experimental Toxicology, 2015, 34, 249-259.	1.1	10
370	Physicochemical Characteristics and Lipid Oxidation of Chicken Inner Fillets Subjected to Different Thermal Processing Types. Brazilian Journal of Poultry Science, 2016, 18, 443-450.	0.3	2
371	BENEFICIOS DE LOS ÃCIDOS GRASOS POLIINSATURADOS DE CADENA LARGA N-3 EN LA ENFERMEDAD POR HÃGADO GRASO NO ALCOHÓLICO. Revista Chilena De Nutricion, 2016, 43, 13-13.	0.1	1
372	MYOCARDIUM PROTECTIVE FUNCTION OF SALVIANOLIC ACID B IN ISCHEMIA REPERFUSION RATS. Tropical Journal of Obstetrics and Gynaecology, 2016, 13, 157-161.	0.3	21
373	Cobalt phosphide nanowires: an efficient electrocatalyst for enzymeless hydrogen peroxide detection. Nanotechnology, 2016, 27, 33LT01.	1.3	28
374	Paperâ€"based analytical device for detection of extracellular hydrogen peroxide and its application to evaluate drugâ€"induced apoptosis. Electrochimica Acta, 2016, 204, 128-135.	2.6	7
375	Oxidative stress during acetaminophen hepatotoxicity: Sources, pathophysiological role and therapeutic potential. Redox Biology, 2016, 10, 148-156.	3.9	401
376	Colorimetric detection of hydrogen peroxide using silver nanoparticles with three different morphologies. Analytical Methods, 2016, 8, 6691-6695.	1.3	44
377	Tolerance to ischemia reperfusion injury in a congenital heart disease model. Pediatrics International, 2016, 58, 1266-1273.	0.2	4
378	Interactions of lauryl gallate with phospholipid components of biological membranes. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1821-1832.	1.4	26
379	Therapies targeting lipid peroxidation in traumatic brain injury. Brain Research, 2016, 1640, 57-76.	1.1	94
380	Oxidative Phospholipidomics in health and disease: Achievements, challenges and hopes. Free Radical Biology and Medicine, 2017, 111, 25-37.	1.3	46
381	Fe ₃ Nâ€Co ₂ N Nanowires Array: A Nonâ€Nobleâ€Metal Bifunctional Catalyst Electrode for Highâ€Performance Glucose Oxidation and H ₂ O ₂ Reduction toward Nonâ€Enzymatic Sensing Applications. Chemistry - A European Journal, 2017, 23, 5214-5218.	1.7	117
382	EFFECT OF BACOSIDE A ON LIPID PEROXIDATION IN D-GALACTOSE INDUCED AGING MICE. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 12.	0.3	1
383	Optimization of photo-Fenton process for the treatment of prednisolone. Environmental Science and Pollution Research, 2018, 25, 27768-27782.	2.7	20
384	Cobalt nitride nanowire array as an efficient electrochemical sensor for glucose and H2O2 detection. Sensors and Actuators B: Chemical, 2018, 255, 1254-1261.	4.0	287
385	Ironâ€Catalyzed Reaction of γâ€₹ocopherol with Methyl Linoleate Hydroperoxides in Solutions. JAOCS, Journal of the American Oil Chemists' Society, 2018, 95, 361-369.	0.8	3

#	Article	IF	CITATIONS
386	Chick Embryo: A Preclinical Model for Understanding Ischemia-Reperfusion Mechanism. Frontiers in Pharmacology, 2018, 9, 1034.	1.6	11
387	Fragmentation of chlorpyrifos by thermal electron attachment: a likely relation to its metabolism and toxicity. Physical Chemistry Chemical Physics, 2018, 20, 22272-22283.	1.3	5
388	Effect of Chronic Administration of Nickel on Affective and Cognitive Behavior in Male and Female Rats: Possible Implication of Oxidative Stress Pathway. Brain Sciences, 2018, 8, 141.	1.1	33
389	Repeatedly heated cooking oils induced alterations in erythrocyte membrane integrity and antioxidant status in cholesterol fed Sprague Dawley rats. Journal of Food Biochemistry, 2018, 42, e12555.	1.2	1
390	Protective Effects of Novel Antioxidant Peptide Purified from Alcalase Hydrolysate of Velvet Antler Against Oxidative Stress in Chang Liver Cells in Vitro and in a Zebrafish Model In Vivo. International Journal of Molecular Sciences, 2019, 20, 5187.	1.8	37
391	Pitavastatin ameliorates myocardial damage by preventing inflammation and collagen deposition via reduced free radical generation in isoproterenol-induced cardiomyopathy. Clinical and Experimental Hypertension, 2019, 41, 434-443.	0.5	8
392	Sacubitril and valsartan protect from experimental myocardial infarction by ameliorating oxidative damage in Wistar rats. Clinical and Experimental Hypertension, 2019, 41, 62-69.	0.5	24
393	Assessment of a Fenton reaction driven by insoluble tannins from pine bark in treating an emergent contaminant. Journal of Hazardous Materials, 2020, 382, 120982.	6.5	22
394	Interplay between oxidative damage, the redox status, and metabolic biomarkers during long-term fasting. Food and Chemical Toxicology, 2020, 145, 111701.	1.8	20
395	Roadmap for metal nanoparticles in radiation therapy: current status, translational challenges, and future directions. Physics in Medicine and Biology, 2020, 65, 21RM02.	1.6	101
396	In situ growth novel cubic copper hydroxyl phosphate and its utilization as a highly sensitive hydrogen peroxide amperometric sensor. Materials Today Communications, 2020, 24, 101212.	0.9	2
398	In Vivo Assessment of Thermosensitive Liposomes for the Treatment of Port Wine Stains by Antifibrinolytic Site-Specific Pharmaco-Laser Therapy. Pharmaceutics, 2020, 12, 591.	2.0	2
399	MXene materials based printed flexible devices for healthcare, biomedical and energy storage applications. Materials Today, 2021, 43, 99-131.	8.3	107
400	Medium-Chain Acyl-CoA Dehydrogenase Protects Mitochondria from Lipid Peroxidation in Glioblastoma. Cancer Discovery, 2021, 11, 2904-2923.	7.7	23
401	Tubulation of Supported Lipid Bilayer Membranes Induced by Photosensitized Lipid Oxidation. Langmuir, 2021, 37, 5753-5762.	1.6	6
402	The Role of Reactive Nitrogen Species (RNS) in the Activation of Nuclear Factor Kappa B (NFkB) and Its Implications for Biological Systems: The Question of Balance. , 2008, , 67-109.		3
403	Physiological Resilience., 2011,, 89-103.		5
404	Nutritional Modulation of Oxygen Radical Pathology. , 1990, 8, 119-145.		6

#	Article	IF	CITATIONS
406	Radical Mechanisms in Fatty Acid and Lipid Peroxidation. , 1990, , 1-16.		5
407	Selected Topics in Biochemistry Relevant to the Eye. , 1991, , 1-62.		1
408	The Choline-Devoid Diet Model of Hepatocarcinogenesis in the Rat., 1988, , 563-581.		10
409	Ethanol-Induced Lipid Peroxidation and Apoptosis in Embryopathy. , 2013, , 35-62.		2
410	Relationship between antioxidants, lipid peroxidation and aging. , 1992, 62, 109-123.		26
411	Liposome Phospholipids: Toxicological and Environmental Advantages. , 1992, , 57-65.		1
412	Photochemically Induced Vascular Thrombosis (Photothrombosis): Central Nervous System Consequences and Clinical Possibilities., 1988,, 507-524.		4
413	Effect of succinate on mitochondrial lipid peroxidation. 2. The protective effect of succinate against functional and structural changes induced by lipid peroxidation. Journal of Bioenergetics and Biomembranes, 1987, 19, 31-44.	1.0	26
414	OXIDATIVE DAMAGE & REPAIR: INTRODUCTION AND OVERVIEW., 1991, , xvii-xxvii.		7
415	STRUCTURAL AND DYNAMIC EFFECTS OF OXIDIZED LIPIDS IN UNSATURATED LIPID MEMBRANES IN RELATION TO VITAMIN E ACTIVITY., 1991,, 587-593.		1
416	Membrane Lipid Peroxidation: Cellular Mechanisms and Toxicological Implications., 1994,, 33-45.		1
417	Interaction of Glutathione and \hat{I}_{\pm} -Tocopherol in the Inhibition of Lipid Peroxidation in Rat Liver Microsomes. , 1990, , 841-867.		11
418	Oxidative Myocardial Injury and Cardiac-Derived Experimental Systems., 1990,, 977-997.		4
419	Nonparenchymal Cells, Inflammatory Mediators, and Hepatotoxicity., 1994,, 301-320.		3
420	Lipoprotein-mediated inhibition of endothelial cell production of platelet-derived growth factor-like protein depends on free radical lipid peroxidation Journal of Biological Chemistry, 1987, 262, 6046-6054.	1.6	74
421	Malondialdehyde modification of lipoprotein(a) produces avid uptake by human monocyte-macrophages Journal of Biological Chemistry, 1992, 267, 4143-4151.	1.6	140
422	Endogenous epoxyeicosatrienoyl-phospholipids. A novel class of cellular glycerolipids containing epoxidized arachidonate moieties Journal of Biological Chemistry, 1991, 266, 7561-7569.	1.6	133
423	Cytochrome P450 and arachidonic acid bioactivation: molecular and functional properties of the arachidonate monooxygenase. Journal of Lipid Research, 2000, 41, 163-181.	2.0	462

#	Article	IF	Citations
425	Partial liquid ventilation with perflubron attenuates in vivo oxidative damage to proteins and lipids. Critical Care Medicine, 2000, 28, 202-208.	0.4	46
427	Mitochondrial DNA mutations and oxidative damage in skeletal muscle of patients with chronic uremia. Journal of Biomedical Science, 2002, 9, 549-60.	2.6	19
428	The rabbit pulmonary cytochrome P450 arachidonic acid metabolic pathway: characterization and significance Journal of Clinical Investigation, 1995, 95, 2150-2160.	3.9	100
429	AZT treatment induces molecular and ultrastructural oxidative damage to muscle mitochondria. Prevention by antioxidant vitamins Journal of Clinical Investigation, 1998, 102, 4-9.	3.9	166
430	Conjugation to the Cell-Penetrating Peptide TAT Potentiates the Photodynamic Effect of Carboxytetramethylrhodamine. PLoS ONE, 2011, 6, e17732.	1.1	35
431	N-3 PUFA Supplementation Triggers PPAR-α Activation and PPAR-α/NF-κB Interaction: Anti-Inflammatory Implications in Liver Ischemia-Reperfusion Injury. PLoS ONE, 2011, 6, e28502.	1.1	167
432	Intravenous Iron Supplementation Practices and Short-Term Risk of Cardiovascular Events in Hemodialysis Patients. PLoS ONE, 2013, 8, e78930.	1.1	54
433	Angiotensin ($1\hat{a}\in$ "7) and Apelin co-therapy: New strategy for heart failure treatment of rats. Anatolian Journal of Cardiology, 2019, 23, 209-217.	0.5	3
434	QUALITY OF ROASTED BARU ALMONDS STORED IN DIFFERENT PACKAGES. Food Science and Technology, 2021, 41, 953-960.	0.8	1
435	Vitamin E Attenuates Oxidative Stress Induced by Intravenous Iron in Patients on Hemodialysis. Journal of the American Society of Nephrology: JASN, 2000, 11, 539-549.	3.0	167
437	Psycho-emotional stress - A cause of coronary artery disease. Acta Scientiae Veterinariae, 2018, 36, 133.	0.2	3
438	Study of effect of ethanol on antioxidant - vitamin A and C in rat liver. Journal of College of Medical Sciences-Nepal, 2010, 6, 29-34.	0.2	2
439	Protective Role of Vitamin E and Acetazolamide in Cisplatin-Induced Changes in Lipid Peroxidation and Antioxidant Enzyme Levels in Albino Rats Journal of Clinical Biochemistry and Nutrition, 1996, 20, 203-210.	0.6	10
440	Effects of an Ethylacetate Fraction of Chrysanthemi Flos on the Antioxidative System and Lipid Profile in Rats with Ethanol-Induced Liver Damage. Preventive Nutrition and Food Science, 2004, 9, 352-360.	0.7	2
441	Protective Effects of the BuOH Fraction from Laminaria japonica Extract on High Glucose-induced Oxidative Stress in Human Umbilical Vein Endothelial Cells. Preventive Nutrition and Food Science, 2006, 11, 94-99.	0.7	5
442	Protective Effects of Chungkookjang Extract on High Glucose Induced Oxidative Stress in LLC-PK1Cells. Preventive Nutrition and Food Science, 2008, 13, 84-89.	0.7	2
443	Protective Effects of Fermented Soymilk Extract on High Glucose-Induced Oxidative Stress in Human Umbilical Vein Endothelial Cells. Preventive Nutrition and Food Science, 2010, 15, 7-13.	0.7	2
444	Effect of Polyopes lancifolia Extract on Oxidative Stress in Human Umbilical Vein Endothelial Cells Induced by High Glucose. Preventive Nutrition and Food Science, 2013, 18, 38-44.	0.7	8

#	Article	IF	Citations
445	Protective Effects of the Fermented Laminaria japonica Extract on Oxidative Damage in LLC-PK1 Cells. Preventive Nutrition and Food Science, 2013, 18, 227-233.	0.7	12
446	Taurine protects against retinal and optic nerve damage induced by endothelin-1 in rats via antioxidant effects. Neural Regeneration Research, 2018, 13, 2014.	1.6	21
447	Oxidative stress and human health. Advances in Bioscience and Biotechnology (Print), 2012, 03, 997-1019.	0.3	269
448	Effect of Chronic Administration of Cadmium on Anxiety-Like, Depression-Like and Memory Deficits in Male and Female Rats: Possible Involvement of Oxidative Stress Mechanism. Journal of Behavioral and Brain Science, 2018, 08, 240-268.	0.2	23
449	Petroleum Products in Soil Mediated Oxidative Stress in Cowpea (<i>Vigna unguiculata</i>) and Maize (<i>Zea mays</i>) Seedlings. Open Journal of Soil Science, 2014, 04, 417-435.	0.3	11
450	Recent advances in liver preconditioning: Thyroid hormone, n-3 long-chain polyunsaturated fatty acids and iron. World Journal of Hepatology, 2012, 4, 119.	0.8	27
451	Effect of Dietary Supplementation of Acanthopanax senticosus and Eucommia ulmoides on Antioxidant Defense System in Laying Hens. Korean Journal of Poultry Science, 2010, 37, 15-21.	0.1	3
452	Intestinal Absorption and Metabolism of Peroxidized Lipids. , 2001, , 351-366.		0
453	Targets of free radical toxicity. , 2002, , 29-60.		0
454	Comparative Aspects of Lipid Peroxidation and Antioxidant Protection in Avian Semen., 2003,,.		2
455	Biochemistry, Biological Interactions, and Pharmacokinetics of Riot Control Agents., 2004, , 37-64.		1
456	Effect of Dietary Supplementation of Ground Grape Seed on Growth Performance and Antioxidant Status in the Intestine and Liver in Broiler Chickens. Korean Journal of Poultry Science, 2007, 34, 1-8.	0.1	10
457	Effects of Feeding Colloidal Silver and Rare Earth Elements on Growth Performance in Broilers. Korean Journal of Poultry Science, 2010, 37, 1-8.	0.1	0
458	Protective Effects of Sasa Borealis Leaves Extract on High Glucose-Induced Oxidative Stress in Human Umbilical Vein Endothelial Cells. Journal of the Korean Society of Food Science and Nutrition, 2010, 39, 1753-1760.	0.2	1
459	Acute Renal Failure and Toxic Nephropathy. , 1987, , 401-462.		1
460	Contrasting Features of Peroxide Metabolism in Heart and Liver. Developments in Cardiovascular Medicine, 1988, , 25-40.	0.1	0
461	Acute Renal Failure and Toxic Nephropathy. , 1989, , 283-323.		1
462	LIPID DAMAGE AND REPAIR: AN OVERVIEW. , 1991, , 539-542.		1

#	Article	IF	CITATIONS
463	SELECTIVE PROTEOLYSIS OF OXIDATIVELY MODIFIED PROTEINS BY MACROXYPROTEINASE (M.O.P.). , 1991 , , $364-372$.		1
464	Gastrointestinal and Hepatobiliary Complications of Cystic Fibrosis. , 1992, , 299-336.		0
465	CYCLOPHOSPHAMIDE: PULMONARY METABOLISM, TOXICITY AND PROTECTIVE EFFECT OF VITAMIN E. , 1993, , 239-254.		1
466	The Effects of Oxygen-Derived Free Radicals on Lipids, Protein and their Interactions: Pathological Implications. , 1993, , 287-296.		1
467	The Role of Oxidized Lipids in Cardiovascular Disease. , 1995, , 433-449.		0
468	The Effects of Development of the MDR1 Phenotype on Cell Susceptibility to Undergoing Lipid Peroxidation and Ionizing Radiation, 1996, , 65-73.		0
469	Repair Systems and Inducible Defenses against Oxidant Stress. , 1998, , 253-266.		0
470	Evaluation of avena sativa seeds extract as cardioprotective agent in rats. IP International Journal of Comprehensive and Advanced Pharmacology, 2019, 4, 39-47.	0.1	0
471	Oryctes rhinoceros larva oil supplementation improves tissue antioxidant status in cholesterol-fed rats. Potravinarstvo, 2019, 13, 815-822.	0.5	0
473	The Role of Oxidized Lipids in Cardiovascular Disease. , 1995, , 433-449.		0
474	Linoleic acid induces red blood cells and hemoglobin damage via oxidative mechanism. International Journal of Clinical and Experimental Pathology, 2015, 8, 5044-52.	0.5	15
476	Hepatoprotective effect of Physalis divaricata in paracetamol induced hepatotoxicity: In vitro, in silico and in vivo analysis. Journal of Ethnopharmacology, 2022, 290, 115024.	2.0	7
477	EFFECT OF LONG TERM INTAKE OF WHITE TEA ON ACUTE OXIDATIVE STRESS IN RATS. Nutricion Hospitalaria, 2015, 32, 749-56.	0.2	3
478	Cholesterol-Lowering Phytochemicals: Targeting the Mevalonate Pathway for Anticancer Interventions. Frontiers in Genetics, 2022, 13, 841639.	1.1	13
479	Potential Defensive Involvement of Methyl Jasmonate in Oxidative Stress and Its Related Molecular Mechanisms. , 0, , .		0
486	Influence of the nutritional status and oxidative stress in the desaturation and elongation of n-3 and n-6 polyunsaturated fatty acids: Impact on non-alcoholic fatty liver disease. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 181, 102441.	1.0	33
487	In vitro and In vivo oxidation and cleavage products of tocols: From chemical tuners to "VitaminEome―therapeutics. A narrative review. Food Bioscience, 2022, 49, 101839.	2.0	3
488	Reprint of: Oxygen Free Radicals and Iron in Relation to Biology and Medicine: Some Problems and Concepts. Archives of Biochemistry and Biophysics, 2022, 726, 109246.	1.4	5

#	Article	IF	CITATIONS
489	G-quadruplex-hemin DNAzyme functionalized nanopipettes: Fabrication and sensing application. Talanta, 2023, 257, 124384.	2.9	5
491	Phospholipase and radiation-mediated membrane dynamics. , 2023, , 449-476.		O