Lipid peroxidation: its mechanism, measurement, and s

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Citation Report

#	Article	IF	CITATIONS
1	The urinary excretion of thiobarbituric acid reactive substances and malondialdehyde by normal adult males after consuming a diet containing salmon. Lipids, 1993, 28, 757-761.	0.7	29
2	Carvedilol, a new antihypertensive agent, prevents lipid peroxidation and oxidative injury to endothelial cells Hypertension, 1993, 22, 922-928.	1.3	96
3	Malarial parasites and antioxidant nutrients. Parasitology, 1993, 107, S95-S106.	0.7	37
4	Free Radical Scavenging and Antioxidant Activity of Plant Flavonoids. Advances in Experimental Medicine and Biology, 1994, 366, 351-376.	0.8	292
5	Medical Perspective Antiphospholipid Antibodies, Thrombosis and Atherosclerosis in Systemic Lupus Erythematosus: a Unifying 'Membrane Stress Syndrome' Hypothesis. Lupus, 1994, 3, 371-377.	0.8	40
6	Purification of a cytosolic enzyme from human liver with phospholipid hydroperoxide glutathione peroxidase activity. International Journal of Biochemistry & Cell Biology, 1994, 26, 1279-1286.	0.8	19
7	Tissue lipoperoxidation and glutathione peroxidase activity in puromycin aminonucleoside injected rats. International Journal of Biochemistry & Cell Biology, 1994, 26, 1139-1145.	0.8	6
8	Free radicals and antioxidant strategies in sports. Journal of Nutritional Biochemistry, 1994, 5, 370-381.	1.9	63
9	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
10	Manganese status, gut endogenous losses of manganese, and antioxidant enzyme activity in rats fed varying levels of manganese and fat. Biological Trace Element Research, 1994, 42, 17-29.	1.9	36
11	[32] High-performance liquid chromatography-based thiorbarbituric acid tests. Methods in Enzymology, 1994, 233, 314-318.	0.4	138
12	Factors affecting the thiobarbituric acid test as index of red blood cell susceptibility to lipid peroxidation: a multivariate analysis. Clinica Chimica Acta, 1994, 227, 45-57.	0.5	23
13	Inactivation of the Na,K-ATPase by radiation-induced free radicals Evidence for a radical-chain mechanism. FEBS Letters, 1994, 353, 297-300.	1.3	36
14	Effect of [dl]-α-tocopherol on FeCl2-induced lipid peroxidation in rat amygdala. Neuroscience Letters, 1994, 180, 33-36.	1.0	14
15	Newer aspects of micronutrients in chronic disease: vitamin E. Proceedings of the Nutrition Society, 1994, 53, 571-582.	0.4	25
16	Newer aspects of micronutrients in chronic disease: copper. Proceedings of the Nutrition Society, 1994, 53, 583-598.	0.4	59
17	[21] Evaluation of biomolecular damage by ozone. Methods in Enzymology, 1994, 234, 252-256.	0.4	4
18	Tissue-specific susceptibility to peroxyl radical-mediated inhibition of mitochondrial transcription. Redox Report, 1994, 1, 51-55.	1.4	13

#	Article	IF	CITATIONS
19	Vitamin supplements: current controversies Journal of the American College of Nutrition, 1994, 13, 118-126.	1.1	18
20	Oxidation of Low Density Lipoprotein Upon Sequential Exposure to Copper Ions. Free Radical Research, 1995, 23, 137-149.	1.5	15
21	Plasma Lipid Peroxidation and Hyperglycaemia: a Connection Through Hyperinsulinaemia?. Diabetic Medicine, 1995, 12, 802-808.	1.2	62
22	Considerations of the scientific substantiation for antioxidant vitamins and beta-carotene in disease prevention. American Journal of Clinical Nutrition, 1995, 62, 1521S-1526S.	2.2	26
23	Increased susceptibility to oxidation of low-density lipoproteins isolated from patients with systemic sclerosis. Arthritis and Rheumatism, 1995, 38, 1060-1067.	6.7	85
24	Peroxidation of erythrocytes: FTIR spectroscopy studies of extracted lipids, isolated membranes, and intact cells. Biospectroscopy, 1995, 1, 133-140.	0.4	34
25	Detection of short-chain \hat{l}_{\pm} -hydroxyaldehydic compounds as pentafluorbenzyloxime derivatives in bovine liver. Chemistry and Physics of Lipids, 1995, 77, 113-119.	1.5	18
26	Antioxidative vitamin treatment: Effect on lipid peroxidation and limb swelling after revascularization operations. World Journal of Surgery, 1995, 19, 738-744.	0.8	35
27	Phytic Acid Protective Effect Against Beef Round Muscle Lipid Peroxidation. Journal of Food Science, 1995, 60, 241-244.	1.5	34
28	Gas chromatographic-electron impact mass spectrometric screening procedure for unknown hydroxyaldehydic lipid peroxidation products after pentafluorobenzyloxime derivatization. Biomedical Applications, 1995, 673, 1-14.	1.7	24
29	Detection of conjugated diene isomers of linoleic acid in liver lipids of rats fed a choline-devoid diet indicates that the diet does not cause lipoperoxidation. Journal of Nutritional Biochemistry, 1995, 6, 281-289.	1.9	77
30	Urinary Malondialdehyde-Equivalents during ingestion of meat cooked at high or low temperatures. Lipids, 1995, 30, 1053-1056.	0.7	38
31	Determination of lysine modification product ε-N-pyrrolylnorleucine in hydrolyzed proteins and trout muscle microsomes by micellar electrokinetic capillary chromatography. Lipids, 1995, 30, 477-483.	0.7	23
32	The effect of zinc supplementation on plasma lipids and low-density lipoprotein oxidation in males. Free Radical Biology and Medicine, 1995, 19, 517-521.	1.3	34
33	The role of oxidative stress in HIV disease. Free Radical Biology and Medicine, 1995, 19, 523-528.	1.3	255
34	Free radicals and antioxidants in food and <i>in vivo: </i> What they do and how they work. Critical Reviews in Food Science and Nutrition, 1995, 35, 7-20.	5.4	548
35	Antioxidants and Cardiovascular Disease. Vascular Medicine Review, 1995, vmr-6, 1-6.	0.2	1
36	Oxidative Stress: Pathogenetic Mechanisms. Complementary Medicine Research, 1995, 2, 233-239.	0.5	3

#	Article	IF	CITATIONS
37	Pancreatic Disorders of Pregnancy: Pregestational Diabetes. Endocrinology and Metabolism Clinics of North America, 1995, 24, 73-101.	1.2	8
38	Transdermal estradiol and medroxyprogesterone acetate in hormone replacement therapy are both antioxidants. Gynecological Endocrinology, 1995, 9, 137-141.	0.7	51
39	Antioxidants: Molecular Interactions Between Vitamins E And C, Biothiols and Carotenes. , 1995 , , $187-216$.		1
40	Randomised controlled trial of allopurinol prophylaxis in very preterm infants Archives of Disease in Childhood: Fetal and Neonatal Edition, 1995, 73, F27-F31.	1.4	79
41	Relations between copper, zinc and selenium intakes and malondialdehyde excretion after major burns. Burns, 1995, 21, 507-512.	1.1	48
42	Hypothesis: Spermine may be an important epidermal antioxidant. Medical Hypotheses, 1995, 45, 59-67.	0.8	39
43	Effects of chronic vitamin E deficiency on vascular function ―a study of sympathetic nerves, smooth muscle and endothelium of the mesenteric arterial bed of the rat. British Journal of Pharmacology, 1995, 116, 2983-2988.	2.7	6
44	Effects of chronic vitamin E deficiency and a high polyunsaturated fatty acid diet on rat mesenteric arterial function. British Journal of Pharmacology, 1995, 116, 3075-3081.	2.7	2
45	Antioxidative activity of ubiquinol-10 at physiologic concentrations in human low density lipoprotein. Lipids and Lipid Metabolism, 1995, 1258, 177-187.	2.6	64
46	Superoxide dismutase and glutathione peroxidase activities are increased by enalapril and captopril in mouse liver. FEBS Letters, 1995, 361, 22-24.	1.3	78
47	Oxidative structural modifications of low density lipoprotein in homozygous familial hypercholesterolemia. Atherosclerosis, 1995, 118, 259-273.	0.4	53
48	Oxidative Stress in Cystic Fibrosis: Does It Occur and Does It Matter?. Advances in Pharmacology, 1996, 38, 491-513.	1.2	80
49	Roles of phospholipases A2 in brain cell and tissue injury associated with ischemia and excitotoxicity. Journal of Lipid Mediators and Cell Signalling, 1996, 14, 15-23.	1.0	48
50	The correlation of elevated levels of an index of lipid peroxidation (MDAâ€₹BA) with adverse outcome in the very low birthweight infant. Acta Paediatrica, International Journal of Paediatrics, 1996, 85, 1116-1122.	0.7	59
51	Pro-thrombotic effects of a folic acid deficient diet in rat platelets and macrophages related to elevated homocysteine and decreased n-3 polyunsaturated fatty acids. Atherosclerosis, 1996, 121, 231-243.	0.4	137
52	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
53	Inhalation of Nitric Oxide: Effect on Cerebral Hemodynamics and Activity, and Antioxidant Status in the Newborn Lamb. Neonatology, 1996, 69, 284-292.	0.9	14
54	Supplementation with carotenoids corrects increased lipid peroxidation in children with cystic fibrosis. American Journal of Clinical Nutrition, 1996, 64, 87-93.	2.2	85

#	ARTICLE	IF	Citations
55	Oxidative Stress and Aging: Still a Hypothesis. Journal of the American Geriatrics Society, 1996, 44, 873-875.	1.3	8
56	No Direct Evidence of Increased Lipid Peroxidation in Hemodialysis Patients. Nephron, 1996, 72, 177-183.	0.9	25
57	Multiple antioxidants protect against heme protein and lipid oxidation in kidney tissue. Free Radical Biology and Medicine, 1996, 20, 165-173.	1.3	33
58	Improved analysis of malondialdehyde in human body fluids. Free Radical Biology and Medicine, 1996, 20, 251-256.	1.3	637
59	Characterization of drugs as antioxidant prophylactics. Free Radical Biology and Medicine, 1996, 20, 675-705.	1.3	151
60	Effect of pharmacological interventions in the prevention of lipid peroxidation and respiratory depression induced by oxygen free radicals in anesthetized rats. Free Radical Biology and Medicine, 1996, 21, 791-799.	1.3	6
61	Dietary influences on membrane function: Importance in protection against oxidative damage and disease. Journal of Nutritional Biochemistry, 1996, 7, 2-15.	1.9	143
63	Sensitivity of ATPase-ADPase activities from synaptic plasma membranes of rat forebrain to lipid peroxidation in vitro and the protective effect of vitamin E. Neurochemical Research, 1996, 21, 299-304.	1.6	10
64	Evidence for free radical generation after primary percutaneous transluminal coronary angioplasty recanalization in acute myocardial infarction. American Journal of Cardiology, 1996, 77, 122-127.	0.7	95
65	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
66	Characterization of conjugated diene fatty acids in milk, dairy products, and lamb tissues. Journal of Nutritional Biochemistry, 1996, 7, 150-155.	1.9	175
68	A Novel Approach to Study Linoleic Acid Autoxidation: Importance of Simultaneous Detection of the Substrate and its Derivative Oxidation Products. Free Radical Research, 1996, 25, 43-53.	1.5	38
69	Practical Approaches to Low Density Lipoprotein Oxidation: Whys, Wherefores and Pitfalls. Free Radical Research, 1996, 25, 285-311.	1.5	92
70	Antioxidative and Metal-Chelating Effects of Polyamines. Advances in Pharmacology, 1996, 38, 119-149.	1.2	96
71	Oxidative Stress in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 341-357.	2.5	731
72	Efficacy and Mechanisms of Dopexamine in the Prevention of Ischemia-Reperfusion Induced Organ Damage: Role of Oxygen Free Radicals. Clinical and Experimental Hypertension, 1997, 19, 181-190.	0.5	10
73	Cell density and antioxidant vitamins determine the effects of hyperoxia on proliferation and death of MDCK epithelial cells. Nutrition and Cancer, 1997, 28, 115-124.	0.9	20
74	Novel Bioconversions for the Production of Designer Antioxidant and Colourant Flavonoids using Polyphenol Oxidases. Biotechnology and Genetic Engineering Reviews, 1997, 14, 165-190.	2.4	15

#	Article	IF	Citations
75	Dietary fatty acids in the management of diabetes mellitus. American Journal of Clinical Nutrition, 1997, 66, 991S-997S.	2.2	88
76	Oxidative Damage in Neurodegenerative Diseases. Neuroscientist, 1997, 3, 21-27.	2.6	63
77	Omegaâ€3 fatty acids in pig nutrition: Implications for zootechnical performances, carcass and fat quality ¹ . Archiv Fur Tierernahrung, 1997, 50, 31-42.	0.3	14
78	Plasma ubiquinol-10 is decreased in patients with hyperlipidaemia. Atherosclerosis, 1997, 129, 119-126.	0.4	102
79	Decreased low-density lipoprotein oxidation after repeated selective apheresis in homozygous familial hypercholesterolemia. American Heart Journal, 1997, 133, 585-595.	1.2	64
80	Erratum to "Roles of phospholipases A2 in brain cell and tissue injury associated with ischemia and excitotoxicity―[J. Lip. Med. Cell Signal. 14 (1996) 15]. Journal of Lipid Mediators and Cell Signalling, 1997, 17, 71-79.	1.0	22
81	Lipoprotein oxidation, antioxidants and cardiovascular risk: epidemiologic evidence. Prostaglandins Leukotrienes and Essential Fatty Acids, 1997, 57, 479-487.	1.0	43
82	An evaluation of the multiple effects of the antioxidant vitamins. Trends in Food Science and Technology, 1997, 8, 198-203.	7.8	53
83	The effect of albumin on copper-induced LDL oxidation. Lipids and Lipid Metabolism, 1997, 1344, 300-311.	2.6	46
84	Effect of allopurinol on the formation of reactive oxygen species during intense exercise in the horse. Research in Veterinary Science, 1997, 62, 11-16.	0.9	32
85	Antioxidant enzyme status in biliary obstructed rats: effects of N-acetylcysteine. Journal of Hepatology, 1997, 27, 363-370.	1.8	135
86	Urinary 8-EPI PGF2α: an index of oxidant stress in vivo. Fibrinolysis and Proteolysis, 1997, 11, 81-84.	1.1	4
87	Cigarette smoking and antioxidant vitamins: the smoke screen continues to clear but has a way to go. American Journal of Clinical Nutrition, 1997, 65, 562-563.	2.2	9
88	Combined effects of lipid peroxidation and antioxidant status on carotid atherosclerosis in a population aged 59&71 y: The EVA Study. Etude sur le Vieillisement Artériel. American Journal of Clinical Nutrition, 1997, 65, 121-127.	2.2	95
89	Superoxide: a two-edged sword. Brazilian Journal of Medical and Biological Research, 1997, 30, 141-155.	0.7	73
90	Human studies on the effects of fatty acids on cancer: summary, gaps, and future research. American Journal of Clinical Nutrition, 1997, 66, 1581S-1586S.	2.2	18
91	The Protective Effect of the Olive Oil Polyphenol (3,4-Dihydroxyphenyl)- ethanol Counteracts Reactive Oxygen Metabolite–Induced Cytotoxicity in Caco-2 Cells ,. Journal of Nutrition, 1997, 127, 286-292.	1.3	227
92	Oxidative Stress and Antioxidant Status in Mouse Liver: Effects of Dietary Lipid, Vitamin E and Iron. Journal of Nutrition, 1997, 127, 1401-1406.	1.3	115

#	ARTICLE	IF	CITATIONS
93	Effect of false flax expeller combined with short-term vitamin E supplementation in pig feeding on the fatty acid pattern, vitamin E concentration and oxidative stability of various tissues. Journal of Animal Physiology and Animal Nutrition, 1997, 78, 187-195.	1.0	17
94	Antioxidant Effects of L-Carnosine on Liposomes and Beef Homogenates. Journal of Food Science, 1997, 62, 931-1000.	1.5	46
95	Metal-Catalyzed Oxidation of Ascorbate, Deoxyribose and Linoleic Acid as Affected by Phytic Acid in a Model System. Journal of Food Science, 1997, 62, 935-984.	1.5	28
96	Instantaneous Analysis of Aldehydes in Biological Fluids Using a Spray Interface Coupled to a Mass Spectrometer. Free Radical Biology and Medicine, 1997, 23, 166-172.	1.3	14
97	Measurement of Aldehydes in Low Density Lipoprotein by High Performance Liquid Chromatography. Free Radical Biology and Medicine, 1997, 23, 1078-1085.	1.3	23
98	Oxidant injury, nitric oxide and pulmonary vascularfunction: Implications for the exercising horse. Veterinary Journal, 1997, 153, 125-148.	0.6	25
99	Impaired mitochondrial function, oxidative stress and altered antioxidant enzyme activities following traumatic spinal cord injury. Brain Research, 1997, 765, 283-290.	1.1	285
100	The effect of boron supplementation on its urinary excretion and selected cardiovascular risk factors in healthy male subjects. Biological Trace Element Research, 1997, 56, 273-286.	1.9	80
101	An esterification protocol for cis-parinaric acid-determined lipid peroxidation in immune cells1,2. Lipids, 1997, 32, 219-226.	0.7	21
102	Diets Containing Soluble Oat Extracts Reduce Urinary Malondialdehyde in Moderately Hypercholesterolemic Men and Women. Journal of Nutritional Biochemistry, 1997, 8, 497-501.	1.9	12
103	Isolation and measurement of urinary 8-iso-prostaglandin F2α by high-performance liquid chromatography and gas chromatography–mass spectrometry. Biomedical Applications, 1997, 694, 271-276.	1.7	22
104	Responses of superoxide dismutase, glutathione peroxidase and reduced glutathione antioxidant defenses in gills of the freshwater catfish (Heteropneustes fossilis) to short-term elevated temperature. Journal of Thermal Biology, 1997, 22, 151-156.	1.1	90
105	Increased 3-nitrotyrosine and oxidative damage in mice with a human copper/zinc superoxide dismutase mutation. Annals of Neurology, 1997, 42, 326-334.	2.8	244
107	Free Radical Scavenging and Antioxidative Properties of â€~Silibin' Complexes on Microsomal Lipid Peroxidation. , 1997, 15, 27-33.		62
108	Protective role of intraperitoneally administrated vitamin E and selenium on the levels of total lipid, total cholesterol, and fatty acid composition of muscle and liver tissues in rats., 1997, 64, 233-241.		14
109	Chemoprotection: A review of the potential therapeutic antioxidant properties of green tea (Camellia) Tj ${\sf ETQq1}$	1 0.78431	.4 rgBT /Over
110	Lipid oxidation in unfractionated serum and plasma. Chemistry and Physics of Lipids, 1998, 92, 151-170.	1.5	91
111	Usual and Unusual Methods for Detection of Lipid Peroxides as Indicators of Tissue Injury in Cerebral Ischemia: What Is Appropriate and Useful?. Cellular and Molecular Neurobiology, 1998, 18, 581-598.	1.7	12

#	Article	IF	CITATIONS
112	1,2-Dichlorobenzene-Induced Lipid Peroxidation in Male Fischer 344 Rats is Kupffer Cell Dependent. Toxicological Sciences, 1998, 46, 376-385.	1.4	8
113	Oxidative injury in the nervous system. Acta Neurologica Scandinavica, 1998, 98, 145-153.	1.0	85
114	Lipid peroxide and vitamin E patterns in pregnant women with different types of hypertension in pregnancy. American Journal of Obstetrics and Gynecology, 1998, 178, 1072-1076.	0.7	69
115	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
116	Plasma Proteins in Acute and Chronic Lung Disease of the Newborn. Free Radical Biology and Medicine, 1998, 25, 321-328.	1.3	29
117	Biomarkers of oxidative stress are significantly elevated in Down syndrome. Free Radical Biology and Medicine, 1998, 25, 1044-1048.	1.3	179
118	The Effect of Hypercholesterolemia on the Rabbit Transarterial Wall Oxygen Gradient. Annals of Vascular Surgery, 1998, 12, 418-423.	0.4	10
119	Low doses of eicosapentaenoic acid, docosahexaenoic acid, and hypolipidemic eicosapentaenoic acid derivatives have no effect on lipid peroxidation in plasma. Lipids, 1998, 33, 1131-1137.	0.7	26
120	Conjugated linoleic acid and oxidative stress. JAOCS, Journal of the American Oil Chemists' Society, 1998, 75, 261-267.	0.8	32
121	Antioxidative activity of phenolic compounds on the metal-ion breakdown of lipid peroxidation system. Food Chemistry, 1998, 61, 443-447.	4.2	97
122	Re-evaluation of the ferrous oxidation in xylenol orange assay for the measurement of plasma lipid hydroperoxides. Journal of Proteomics, 1998, 37, 137-146.	2.4	127
123	Effect of deferoxamine and allopurinol on non-protein-bound iron concentrations in plasma and cortical brain tissue of newborn lambs following hypoxia-ischemia. Neuroscience Letters, 1998, 248, 5-8.	1.0	60
124	Effect of sodium phytate, sodium pyrophosphate and sodium tripolyphosphate on physico-chemical characteristics of restructured beef. Meat Science, 1998, 50, 273-283.	2.7	68
125	Lipid stability in meat and meat products. Meat Science, 1998, 49, S73-S86.	2.7	539
126	Superoxide Anion Radical Generation as a Temperature Stress Response in the Gills of Freshwater Catfish Heteropneustes fossilis: Role in Mucus Exudation Under Elevated Temperature. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1998, 119, 211-216.	0.5	5
127	Potential protective effect of calcium carbonate as liming agent against copper toxicity in the African tilapia Oreochromis mossambicus. Science of the Total Environment, 1998, 214, 193-202.	3.9	8
128	Detection of reactive oxygen species (ROS) and apoptosis in human fragmented embryos. Human Reproduction, 1998, 13, 998-1002.	0.4	424
129	Effect of Allopurinol on Postasphyxial Free Radical Formation, Cerebral Hemodynamics, and Electrical Brain Activity. Pediatrics, 1998, 101, 185-193.	1.0	177

#	Article	IF	CITATIONS
130	Comparison of Formation of D2/E2-Isoprostanes and F2-Isoprostanesin Vitroandin Vivo— Effects of Oxygen Tension and Glutathione. Archives of Biochemistry and Biophysics, 1998, 353, 160-171.	1.4	80
131	Functional food science and defence against reactive oxidative species. British Journal of Nutrition, 1998, 80, S77-S112.	1.2	625
132	Monitoring of low density lipoprotein oxidation by low-level chemiluminescence. Free Radical Research, 1998, 29, 75-83.	1.5	23
133	Oxidant/Antioxidant Imbalance in Skin Aging: Environmental and Adaptative Factors. Reviews on Environmental Health, 1998, 13, 147-68.	1.1	7
134	The Effects of Hyperoxic Injury and Antioxidant Vitamins on Death and Proliferation of Human Small Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 1998, 19, 426-436.	1.4	53
135	The Relationship Between Lipid Peroxidation, Hibernation, and Food Selection in Mammals. American Zoologist, 1998, 38, 341-349.	0.7	68
136	Free radicals, exercise and antioxidant supplementation. Proceedings of the Nutrition Society, 1998, 57, 9-13.	0.4	92
137	Increased Formation of Distinct F ₂ Isoprostanes in Hypercholesterolemia. Circulation, 1998, 98, 2822-2828.	1.6	266
138	Dyslipidemia, Iron, and Oxidative Stress in Preeclampsia: Assessment of Maternal and Feto-Placental Interactions. Seminars in Reproductive Medicine, 1998, 16, 75-92.	0.5	89
139	Moderate Folate Depletion Increases Plasma Homocysteine and Decreases Lymphocyte DNA Methylation in Postmenopausal Women. Journal of Nutrition, 1998, 128, 1204-1212.	1.3	423
140	Mammographic Densities and Breast Cancer Risk. Breast Disease, 1998, 10, 113-126.	0.4	134
141	Lipid Peroxide Levels in Tissues of Live Fish. Fisheries Science, 1998, 64, 617-620.	0.7	12
142	Oxidação lipÃdica em alimentos e sistemas biológicos: mecanismos gerais e implicações nutricionais e patológicas. Revista De Nutricao, 1998, 11, 3-14.	0.4	26
143	Lung-specific induction of heme oxygenase-1 and hyperoxic lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 274, L582-L590.	1.3	41
144	Xanthine oxidase is involved in exercise-induced oxidative stress in chronic obstructive pulmonary disease. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1697-R1704.	0.9	117
145	Oxidized low-density lipoprotein induces cytoskeletal disorganization in smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H2017-H2025.	1.5	15
146	Oxidative Stress Induced by Exercise and Dietary Fat Modulates the Coenzyme Q and Vitamin A Balance Between Plasma and Mitochondria. International Journal for Vitamin and Nutrition Research, 1999, 69, 243-249.	0.6	41
147	Long-term efficacy and safety of a new olive oil–based intravenous fat emulsion in pediatric patients: a double-blind randomized study. American Journal of Clinical Nutrition, 1999, 70, 338-345.	2.2	121

#	Article	IF	CITATIONS
148	Allergen-induced Synthesis of F ₂ -Isoprostanes in Atopic Asthmatics. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1947-1951.	2.5	121
149	Effect of Deferoxamine on Post-Hypoxic-Ischemic Reperfusion Injury of the Newborn Lamb Heart. Neonatology, 1999, 75, 239-249.	0.9	7
150	Iron, Atherosclerosis, and Ischemic Heart Disease. Archives of Internal Medicine, 1999, 159, 1542.	4.3	212
151	Chronic Exposure of Smooth Muscle Cells to Minimally Oxidized LDL Results in Depressed Inositol 1,4,5-Trisphosphate Receptor Density and Ca ²⁺ Transients. Circulation Research, 1999, 85, 515-523.	2.0	27
152	Normothermic liver ischemia and antioxidant treatment during hepatic resections. Free Radical Research, 1999, 30, 463-469.	1.5	36
153	Serum and Placental Lipid Peroxides in Chronic Hypertension During Pregnancy with and without Superimposed Preeclampsia. Hypertension in Pregnancy, 1999, 18, 139-146.	0.5	18
154	Raised concentrations of aldehyde lipid peroxidation products in premature infants with chronic lung disease. Archives of Disease in Childhood: Fetal and Neonatal Edition, 1999, 80, F21-F25.	1.4	70
155	Olive oil hydroxytyrosol protects human erythrocytes against oxidative damages. Journal of Nutritional Biochemistry, 1999, 10, 159-165.	1.9	161
156	Effect of saturated, i%-3 and i%-6 polyunsaturated fatty acids on myocardial infarction. Journal of Nutritional Biochemistry, 1999, 10, 338-344.	1.9	23
157	Dose and Time Dependent Effects of Ethanol on Antioxidant System in Rat Testes. Alcohol, 1999, 18, 203-214.	0.8	26
158	Thiobarbituric acid reactive substances in patients with laryngeal cancer. Clinical Otolaryngology, 1999, 24, 232-234.	0.0	33
159	Effect of transfusion on lipid peroxidation products in the plasma of thalassemic patients. Transfusion, 1999, 39, 333-334.	0.8	0
160	Effects of Low Oxygen Condition on the Generation of Reactive Oxygen Species and the Development in Mouse Embryos Cultured <i>in vitro</i> *. Journal of Obstetrics and Gynaecology Research, 1999, 25, 359-366.	0.6	44
161	Dietary intakes of polyunsaturated fatty acids and indices of oxidative stress in human volunteers. European Journal of Clinical Nutrition, 1999, 53, 523-528.	1.3	68
162	Oxidative stress in Systemic Sclerosis. Molecular and Cellular Biochemistry, 1999, 196, 85-91.	1.4	48
163	Ultrastructural localization of lipid peroxides as benzidine-reactive substances in the albino mouse eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 1999, 237, 685-690.	1.0	7
164	Tracing of benzidine-reactive substances in ROS, RPE and choroid after light-induced peroxidation. Graefe's Archive for Clinical and Experimental Ophthalmology, 1999, 237, 763-774.	1.0	5
165	Superoxide production by primary rat cerebral endothelial cells in response to pneumococci. Journal of Neuroimmunology, 1999, 96, 190-200.	1.1	31

#	Article	IF	CITATIONS
166	Lipid peroxidation and atherosclerosis in type II diabetes. Translational Research, 1999, 134, 19-32.	2.4	37
167	Levels of lipid peroxides in uncomplicated pregnancy: a review of the literature. Reproductive Toxicology, 1999, 13, 347-352.	1.3	155
168	Age-dependent increases in oxidative damage to DNA, lipids, and proteins in human skeletal muscle. Free Radical Biology and Medicine, 1999, 26, 303-308.	1.3	393
169	Mitochondrial damage induced by conditions of oxidative stress. Free Radical Biology and Medicine, 1999, 26, 463-471.	1.3	720
170	Can antioxidant vitamins materially reduce oxidative damage in humans?. Free Radical Biology and Medicine, 1999, 26, 1034-1053.	1.3	402
171	The importance of lipid solubility in antioxidants and free radical generating systems for determining lipoprotein peroxidation. Free Radical Biology and Medicine, 1999, 26, 1524-1530.	1.3	49
172	Systemic and pulmonary oxidative stress in idiopathic pulmonary fibrosis. Free Radical Biology and Medicine, 1999, 27, 60-68.	1.3	166
173	Methods to assess free radicals and oxidative stress in biological systems. Archiv Fur Tierernahrung, 1999, 52, 203-222.	0.3	45
174	Flavonoids and tannins: plant-based antioxidants with vitamin character. Medical Hypotheses, 1999, 52, 479-481.	0.8	50
175	Reactive Oxygen Species and Lipid Peroxidation Product-Scavenging Ability of Yogurt Organisms. Journal of Dairy Science, 1999, 82, 1629-1634.	1.4	53
176	A Biochemical, Histochemical, and Electron Microscopic Study on the Effects of Iron-Loading on the Hearts of Mice. Cardiovascular Pathology, 1999, 8, 305-314.	0.7	44
177	Cellular mechanisms of hypoxic injury in the developing brain. Brain Research Bulletin, 1999, 48, 233-238.	1.4	214
178	Effects of dietary canola, olive, and linolenic acid enriched olive oils on plasma lipids, lipid peroxidation and lipoprotein lipase activity in rats. Nutrition Research, 1999, 19, 601-612.	1.3	18
179	Intracellular Antioxidants: from Chemical to Biochemical Mechanisms. Food and Chemical Toxicology, 1999, 37, 949-962.	1.8	520
180	Antioxidative Ability of Lactic Acid Bacteria. Journal of Agricultural and Food Chemistry, 1999, 47, 1460-1466.	2.4	405
181	Lipid peroxidation can be reduced in infants on total parenteral nutrition by promoting fat utilisation. Journal of Pediatric Surgery, 1999, 34, 255-259.	0.8	28
182	Free radical formation in infants: The effect of critical illness, parenteral nutrition, and enteral feeding. Journal of Pediatric Surgery, 1999, 34, 1091-1095.	0.8	38
183	Mechanistic aspects of the relationship between low-level chemiluminescence and lipid peroxides in oxidation of low-density lipoprotein. FEBS Letters, 1999, 459, 47-50.	1.3	8

#	Article	IF	CITATIONS
184	Lipid peroxidation and antioxidant activities in rat testis after chronic cocaine administration. Urology, 1999, 54, 925-928.	0.5	11
185	Inhibition of Lipid Peroxidation byLactobacillus acidophilusandBifidobacterium longum. Journal of Agricultural and Food Chemistry, 1999, 47, 3661-3664.	2.4	75
186	Hyperglycemia rapidly suppresses flow-mediated endothelium- dependent vasodilation of brachial artery. Journal of the American College of Cardiology, 1999, 34, 146-154.	1.2	628
187	F2-isoprostanes: sensitive and specific non-invasive indices of lipid peroxidation in vivo. Atherosclerosis, 1999, 147, 1-10.	0.4	167
188	CTP:Phosphocholine Cytidylyltransferase Activation by Oxidized Phosphatidylcholines Correlates with a Decrease in Lipid Order: A2H NMR Analysisâ€. Biochemistry, 1999, 38, 15606-15614.	1.2	21
189	Changes in indices of antioxidant status, lipid peroxidation and inflammation in human skeletal muscle after eccentric muscle actions. Clinical Science, 1999, 96, 105-115.	1.8	71
190	Changes in indices of antioxidant status, lipid peroxidation and inflammation in human skeletal muscle after eccentric muscle actions. Clinical Science, 1999, 96, 105.	1.8	29
191	Free Radicals, Exercise, and Antioxidants. Journal of Strength and Conditioning Research, 1999, 13, 175-183.	1.0	2
192	Comparison of Cytotoxic Aldehyde Generation in Beta-Thalassemia Patients Chelated with Deferoxamine or Deferiprone (L1) Versus NO Chelation. Hematology, 1999, 4, 67-76.	0.7	18
193	Physiological functions of food components. Analytical evaluation of complex functional food matrices. (Review) Bunseki Kagaku, 2000, 49, 477-491.	0.1	3
194	Antioxidants: what role do they play in physical activity and health?. American Journal of Clinical Nutrition, 2000, 72, 637S-646S.	2.2	469
195	Safety considerations of polyunsaturated fatty acids. American Journal of Clinical Nutrition, 2000, 71, 197S-201S.	2.2	166
196	Both Iron Deficiency and Daily Iron Supplements Increase Lipid Peroxidation in Rats. Journal of Nutrition, 2000, 130, 621-628.	1.3	139
197	Vitamin E-Transfer from Feed into Pig Tissues. Journal of Applied Animal Research, 2000, 17, 69-80.	0.4	20
198	Cognitive Decline Is Associated with Systemic Oxidative Stress: The EVA Study. Journal of the American Geriatrics Society, 2000, 48, 1285-1291.	1.3	246
199	Cardioprotective effects of selenium and morin hydrate in a murine model of chronic iron overload. Journal of Trace Elements in Experimental Medicine, 2000, 13, 285-297.	0.8	3
200	Influence of Different Hemodialysis Membranes on Red Blood Cell Susceptibility to Oxidative Stress. Artificial Organs, 2000, 24, 1-6.	1.0	17
201	Availability of micronutrients from dried, encapsulated fruit and vegetable preparations: a study in healthy volunteers. Journal of Human Nutrition and Dietetics, 2000, 13, 21-27.	1.3	10

#	Article	IF	CITATIONS
202	Cytotoxic aldehyde generation in heart following acute iron-loading. Journal of Trace Elements in Medicine and Biology, 2000, 14, 14-20.	1.5	8
203	Measurement of free and bound malondialdehyde in plasma by high-performance liquid chromatography as the 2,4-dinitrophenylhydrazine derivative. Biomedical Applications, 2000, 742, 315-325.	1.7	205
204	On the in vitro vasoactivity of bile acids. British Journal of Pharmacology, 2000, 131, 387-398.	2.7	25
205	Antioxidant effect of red wine polyphenols on red blood cells. Journal of Nutritional Biochemistry, 2000, 11, 114-119.	1.9	145
206	Oxygen consumption by wine lees: impact on lees integrity during wine ageing. Food Chemistry, 2000, 71, 519-528.	4.2	53
207	Determinants of umbilical cord arterial 8-iso-prostaglandin F2alpha concentrations. BJOG: an International Journal of Obstetrics and Gynaecology, 2000, 107, 973-981.	1.1	19
208	Indices of lipid peroxidation in vivo: strengths and limitations. Free Radical Biology and Medicine, 2000, 28, 1745-1750.	1.3	243
209	Specific oxidative alterations in vastus lateralis muscle of patients with the diagnosis of chronic fatigue syndrome. Free Radical Biology and Medicine, 2000, 29, 1252-1259.	1.3	141
210	Potentiation of cisplatin-induced nephrotoxicity in rats by allopurinol. Experimental and Toxicologic Pathology, 2000, 52, 329-334.	2.1	12
211	Antioxidant activity of the monoamine oxidase B inhibitor lazabemide. Biochemical Pharmacology, 2000, 60, 709-716.	2.0	15
212	Antioxidative effect of intestinal bacteria Bifidobacterium longum ATCC 15708 and Lactobacillus acidophilus ATCC 4356., 2000, 45, 1617-1622.		301
213	Ursodeoxycholic acid suppresses extent of lipid peroxidation in diseased liver in experimental cholestatic liver disease. Digestive Diseases and Sciences, 2000, 45, 1921-1928.	1.1	40
214	1,2-Dichlorobenzene-Mediated Hepatocellular Oxidative Stress in Fischer-344 and Sprague–Dawley Rats. Toxicology and Applied Pharmacology, 2000, 163, 141-148.	1.3	15
215	Melatonin Prevents Pigment Gallstone Formation Induced by Bile Duct Ligation in Guinea Pigs. Hepatology, 2000, 32, 455-460.	3.6	35
216	Antioxidant Activity of Dietary Polyphenols As Determined by a Modified Ferric Reducing/Antioxidant Power Assay. Journal of Agricultural and Food Chemistry, 2000, 48, 3396-3402.	2.4	1,526
217	New developments in total parenteral nutrition for children. Current Gastroenterology Reports, 2000, 2, 253-258.	1.1	22
218	Studies on the antiperoxide and antihaemolytic action of polyamines using human erythrocytes. Indian Journal of Clinical Biochemistry, 2000, 15, 17-21.	0.9	0
219	Analysis of Botanicals and Dietary Supplements for Antioxidant Capacity: A Review. Journal of AOAC INTERNATIONAL, 2000, 83, 950-956.	0.7	180

#	Article	IF	CITATIONS
220	Changes in Maternal Lipid Peroxidation Levels and Antioxidant Enzymatic Activities Before and After Delivery Journal of Nippon Medical School, 2000, 67, 434-439.	0.3	46
221	Supplementation of postmenopausal women with fish oil rich in eicosapentaenoic acid and docosahexaenoic acid is not associated with greater in vivo lipid peroxidation compared with oils rich in oleate and linoleate as assessed by plasma malondialdehyde and F2-isoprostanes. American lournal of Clinical Nutrition, 2000, 72, 714-722.	2.2	118
222	Influence of Inhibition of Nitric Oxide Synthesis on Cardiac Function in the Newborn Lamb after Hypoxic-Ischemic Injury. Neonatology, 2000, 78, 98-105.	0.9	2
223	Insulin resistance and endothelial dysfunction in smokers: effects of vitamin C. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H1172-H1178.	1.5	74
224	Improved cardiac performance after ischemia in aged rats supplemented with vitamin E and α-lipoic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R2149-R2155.	0.9	53
225	Lipid peroxidation, antioxidants and cardiovascular disease: how should we move forward?. Cardiovascular Research, 2000, 47, 410-418.	1.8	246
226	Effects of Deferoxamine, a Chelator of Free Iron, on Na+,K+-ATPase Activity of Cortical Brain Cell Membrane during Early Reperfusion after Hypoxia-Ischemia in Newborn Lambs. Pediatric Research, 2000, 48, 560-564.	1.1	51
227	Oxidizability of Atherogenic Low-Density Lipoprotein Subspecies in Severe Familial Hypercholesterolemia: Impact of Long-Term Low-Density Lipoprotein Apheresis. Journal of Cardiovascular Pharmacology and Therapeutics, 2000, 5, 87-103.	1.0	10
228	Influence of exercise-induced oxidative stress on the central nervous system., 2000,, 713-751.		8
229	Lesions in Ryanodine Channels in Smooth Muscle Cells Exposed to Oxidized Low Density Lipoprotein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 328-334.	1.1	15
230	Effect of selenium deficiency on liver iron stores in mice. Nutrition Research, 2000, 20, 1027-1040.	1.3	8
231	Differential effects of dietary oils on plasma lipids, lipid peroxidation and adipose tissue lipoprotein lipase activity in rats. Nutrition Research, 2000, 20, 1113-1123.	1.3	19
232	Sex- and organ-specific toxicity in normal and malnourished rats fed thermoxidized palm oil. Food and Chemical Toxicology, 2000, 38, 997-1004.	1.8	12
233	Radioimmunological measurement of F2-isoprostanes after hydrolysis of lipids in tissues. Prostaglandins Leukotrienes and Essential Fatty Acids, 2000, 63, 149-152.	1.0	20
234	Fibrillar Islet Amyloid Polypeptide Differentially Affects Oxidative Mechanisms and Lipoprotein Uptake in Correlation with Cytotoxicity in Two Insulin-Producing Cell Lines. Biochemical and Biophysical Research Communications, 2000, 267, 619-625.	1.0	68
235	Effect of selenium and vitamin E content of the maternal diet on the antioxidant system of the yolk and the developing chick. British Poultry Science, 2000, 41, 235-243.	0.8	243
236	PROTECTIVE EFFECT OF TRITERPENES ON CALCIUM OXALATE CRYSTAL-INDUCED PEROXIDATIVE CHANGES IN EXPERIMENTAL UROLITHIASIS. Pharmacological Research, 2000, 41, 413-418.	3.1	48
237	OXIDATIVE STRESS OF LIVER IN HAMSTERS INFECTED WITHLEISHMANIA(L.)CHAGASI. Journal of Parasitology, 2000, 86, 1067-1072.	0.3	77

#	Article	IF	CITATIONS
238	Inverse dose-rate effects at the level of proteins observed in the presence of lipids. International Journal of Radiation Biology, 2000, 76, 625-631.	1.0	16
239	Formation of a Substituted 1,N6-Etheno-2â€~-deoxyadenosine Adduct by Lipid Hydroperoxide-Mediated Generation of 4-Oxo-2-nonenal. Chemical Research in Toxicology, 2000, 13, 846-852.	1.7	75
240	Aqueous infusions of mediterranean herbs exhibit antioxidant activity towards iron promoted oxidation of phospholipids, linoleic acid, and deoxyribose. Free Radical Research, 2001, 35, 593-605.	1.5	26
241	Combined Treatment with Vitamin E and Vitamin C Decreases Oxidative Stress and Improves Fetal Outcome in Experimental Diabetic Pregnancy. Pediatric Research, 2001, 49, 755-762.	1.1	162
242	Comparison of Quercetin and a Non-Orthohydroxy Flavonol As Antioxidants by Competing In Vitro Oxidation Reactions. Journal of Agricultural and Food Chemistry, 2001, 49, 3370-3377.	2.4	63
243	Influence of antioxidative vitamins A, C and E on lipid peroxidation in BOP-induced pancreatic cancer in Syrian hamsters. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 65, 165-171.	1.0	22
244	Zinc in the retina. Progress in Neurobiology, 2001, 64, 219-249.	2.8	141
245	Blood oxidant/antioxidant status of atherosclerotic patients. International Journal of Cardiology, 2001, 77, 293-297.	0.8	18
246	QSAR modeling of oxidative stress in vitro following hepatocyte exposures to halogenated methanes. Toxicology in Vitro, 2001, 15, 557-563.	1.1	15
247	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
248	Oxidative Stress and Homocysteine in Coronary Artery Disease. Clinical Chemistry, 2001, 47, 887-892.	1.5	138
249	Corn and Sesame Oils Increase Serum \hat{I}^3 -Tocopherol Concentrations in Healthy Swedish Women. Journal of Nutrition, 2001, 131, 1195-1201.	1.3	83
250	The Relationship of Left Ventricular Mass to Endothelium-Dependent Vasodilation of the Brachial Artery in Patients with Hypertension. Cardiology, 2001, 96, 7-15.	0.6	10
251	Iron loading and large doses of intravenous ascorbic acid promote lipid peroxidation in whole serum in guinea pigs. British Journal of Nutrition, 2001, 85, 681-687.	1.2	19
252	Sensitivity of respiratory chain activities to lipid peroxidation: effect of vitamin E deficiency. Biochemical Journal, 2001, 357, 887.	1.7	16
253	Sensitivity of respiratory chain activities to lipid peroxidation: effect of vitamin E deficiency. Biochemical Journal, 2001, 357, 887-892.	1.7	27
254	Iron and Oxidative Stress. , 0, , 235-257.		3
255	Topically Applied Eicosapentaenoic Acid Protects Against Local Immunosuppression Induced by UVB Irradiation, cis-Urocanic Acid and Thymidine Dinucleotides¶. Photochemistry and Photobiology, 2001, 73, 64.	1.3	22

#	Article	IF	CITATIONS
256	Antioxidant Vitamins: Evidence from Biomarkers in Humans. Forum of Nutrition, 2001, 55, 46-67.	3.7	3
257	Lipid peroxidation and plasma antioxidant micronutrients in Crohn disease. American Journal of Clinical Nutrition, 2001, 74, 259-264.	2.2	111
258	Vitamin E reduces lipid peroxidation in experimental hepatotoxicity in rats. European Journal of Nutrition, 2001, 40, 10-16.	1.8	57
259	Effects of vitamin E on cytotoxicity of amiodarone and N-desethylamiodarone in isolated hamster lung cells. Toxicology, 2001, 166, 109-118.	2.0	21
260	Frontal Lobe Dysfunction in Progressive Supranuclear Palsy. Journal of Neurochemistry, 2001, 74, 878-881.	2.1	95
261	Early ethanolamine phospholipid translocation marks stress-induced apoptotic cell death in oligodendroglial cells. Journal of Neurochemistry, 2001, 78, 1208-1218.	2.1	14
262	Increase in plasma esterified F2-isoprostanes following intravenous iron infusion in patients on hemodialysis. Kidney International, 2001, 60, 1525-1531.	2.6	74
263	Trace element levels in the experimental peritonitis. Journal of Trace Elements in Medicine and Biology, 2001, 15, 115-118.	1.5	4
264	The role of oxidative stress in the onset and progression of diabetes and its complications: asummary of a Congress Series sponsored by UNESCO-MCBN, the American Diabetes Association and the German Diabetes Society. Diabetes/Metabolism Research and Reviews, 2001, 17, 189-212.	1.7	765
265	Oxidative stress and mechanisms of protection against it in bacteria., 2001, 66, 476-489.		108
266	Age and sex influence on oxidative damage and functional status in human skeletal muscle. Journal of Muscle Research and Cell Motility, 2001, 22, 345-351.	0.9	136
267	The effect of tyrosol, hydroxytyrosol and oleuropein on the non-enzymatic lipid peroxidation of rat liver microsomes. Molecular and Cellular Biochemistry, 2001, 217, 35-41.	1.4	39
268	8-HYDROXY-2'DEOXYGUANOSINE LEVELS AND ANTIOXIDANT STATUS IN RAT LIVER FED WITH OLIVE AND CORN OIL DIETS: EFFECT OF ASCORBIC ACID SUPPLEMENATION. Journal of Food Lipids, 2001, 8, 281-294.	0.9	2
269	A preliminary open label dose comparison using an antioxidant regimen to determine the effect on viral load and oxidative stress in men with HIV/AIDS. European Journal of Clinical Nutrition, 2001, 55, 107-114.	1.3	36
270	Oxidative stress and vascular smooth muscle cell function in liver disease., 2001, 89, 295-308.		36
271	Mitochondrial DNA mutations, oxidative stress, and aging. Mechanisms of Ageing and Development, 2001, 122, 1577-1589.	2.2	103
272	Oxidative stress in the neonate. Early Human Development, 2001, 65, S75-S81.	0.8	81
273	Lipid peroxidation in aging and age-dependent diseases. Experimental Gerontology, 2001, 36, 1425-1457.	1.2	179

#	Article	IF	CITATIONS
274	Effect of Preterm Formula With and Without Long-Chain Polyunsaturated Fatty Acids on the Urinary Excretion of F2-Isoprostanes and 8-Epi-Prostaglandin F2 \hat{l} ±. Journal of Pediatric Gastroenterology and Nutrition, 2001, 32, 137-141.	0.9	7
275	SERUM ANTIBODIES TO OXIDIZED LOW-DENSITY LIPOPROTEIN IN PREGNANT WOMEN WITH PREECLAMPSIA AND CHRONIC HYPERTENSION: LACK OF CORRELATION WITH LIPID PEROXIDES. Hypertension in Pregnancy, 2001, 20, 177-183.	0.5	12
276	Antioxidants as Therapy in the Newborn: Some Words of Caution. Pediatric Research, 2001, 50, 681-687.	1.1	98
277	Dietary Eicosapentaenoic Acid Prevents Systemic Immunosuppression in Mice Induced by UVB Radiation. Radiation Research, 2001, 156, 36-44.	0.7	37
278	THE PROTECTIVE POTENCY OF VITAMINS E AND C IN METHANOL-INDUCED OXIDATIVE STRESS AND RETINOTOXICITY. Cutaneous and Ocular Toxicology, 2002, 21, 307-327.	0.3	3
279	Elevated Free Radical Products in the Cerebrospinal Fluid of VLBW Infants with Cerebral White Matter Injury. Pediatric Research, 2002, 52, 213-218.	1.1	116
280	Topical Antioxidant Vitamins C and E Prevent UVB-Radiation-Induced Peroxidation of Eicosapentaenoic Acid in Pig Skin. Radiation Research, 2002, 157, 402-409.	0.7	21
281	Mannitol in cardioplegia as an oxygen free radical scavenger measured by malondialdehyde. Perfusion (United Kingdom), 2002, 17, 51-55.	0.5	42
282	Amlodipine Decreases Iron Uptake and Oxygen Free Radical Production in the Heart of Chronically Iron Overloaded Mice. Biological Research for Nursing, 2002, 3, 189-197.	1.0	26
283	Conjugated linoleic acid metabolism. Current Opinion in Lipidology, 2002, 13, 261-266.	1.2	137
284	Determination of ethane, pentane and isoprene in exhaled air using a multi-bed adsorbent and end-cut gas–solid chromatography. Analyst, The, 2002, 127, 1440-1445.	1.7	26
285	Clinicopathological significance of lipid peroxidation in carotid plaques. Atherosclerosis, 2002, 160, 289-296.	0.4	27
286	Endothelial dysfunction in hypercholesterolemia is improved by l-arginine administration: possible role of oxidative stress. Atherosclerosis, 2002, 161, 375-380.	0.4	62
287	Evidence of local exercise-induced systemic oxidative stress in chronic obstructive pulmonary disease patients. European Respiratory Journal, 2002, 20, 1123-1129.	3.1	106
288	Effects of Garlic Extract Supplementation on Blood Lipid and Antioxidant Parameters and Atherosclerotic Plaque Formation Process in Cholesterol-Fed Rabbits. Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals, 2002, 2, 19-32.	0.1	25
289	Effect of Glutathione Augmentation on Lipid Peroxidation after Spinal Cord Injury. Journal of Neurotrauma, 2002, 19, 763-775.	1.7	44
290	Vitiligo. American Journal of Clinical Dermatology, 2002, 3, 301-308.	3.3	98
291	Relationship between plasma malondialdehyde levels and adenosine deaminase activities in preeclampsia. Clinica Chimica Acta, 2002, 322, 169-173.	0.5	40

#	Article	IF	CITATIONS
292	Antioxidant processes are affected in juvenile rainbow trout (Oncorhynchus mykiss) exposed to ozone and oxygen-supersaturated water. Aquaculture, 2002, 210, 1-19.	1.7	98
293	Evidence for increased mitochondrial superoxide production in Down syndrome. Life Sciences, 2002, 70, 2885-2895.	2.0	38
294	Lipid peroxidation in the skeletal muscle of hamsters with emphysema. Pathophysiology, 2002, 8, 215-221.	1.0	13
295	Markers of Oxidative Status in Plasma and Erythrocytes of Transition Dairy Cows During Hot Season. Journal of Dairy Science, 2002, 85, 2173-2179.	1.4	381
296	Metabolism and nutritional support in the surgical neonate. Journal of Pediatric Surgery, 2002, 37, 811-822.	0.8	48
297	Markers of oxidative injury in the cerebrospinal fluid of a premature infant with meningitis and periventricular leukomalacia. Journal of Pediatrics, 2002, 140, 617-621.	0.9	19
298	Antioxidant effect of beta-carotene on hypoxia induced oxidative stress in male albino rats. Journal of Ethnopharmacology, 2002, 79, 149-153.	2.0	50
299	Influence of dietary fat saturation on lipid peroxidation of serum and low density lipoprotein in rats. Nutrition Research, 2002, 22, 463-472.	1.3	10
300	Biochemical and Genetic Markers of Iron Status and the Risk of Coronary Artery Disease: An Angiography-based Study. Clinical Chemistry, 2002, 48, 622-628.	1.5	42
301	Use of Methyl Malondialdehyde as an Internal Standard for Malondialdehyde Detection: Validation by Isotope-Dilution Gas Chromatography–Mass Spectrometry. Clinical Chemistry, 2002, 48, 2266-2269.	1.5	28
302	Effect of Regular Maternal Exercise on Lipid Peroxidation Levels and Antioxidant Enzymatic Activities Before and After Delivery. Journal of Nippon Medical School, 2002, 69, 542-548.	0.3	20
303	In Vitroassessment on viability of human periodontal ligament cells after storage in chlorophyllin-added medium. The Journal of Korean Academy of Conservative Dentistry, 2002, 27, 600.	0.3	2
304	The Interaction Between Dietary Copper and Excess Ironâ€"Increases the Risk of Heart Disease. , 2002, , 543-546.		0
305	Dietary Supplementation with Aged Garlic Extract Reduces Plasma and Urine Concentrations of 8 -Iso-Prostaglandin F2 \hat{I} ± in Smoking and Nonsmoking Men and Women. Journal of Nutrition, 2002, 132, 168-171.	1.3	78
306	Implications of Dietary Fatty Acids During Pregnancy on Placental, Fetal and Postnatal Development—A Review. Placenta, 2002, 23, S9-S19.	0.7	248
307	Effects of oleic-rich and omega-3-rich diets on serum lipid pattern and lipid oxidation in mildly hypercholesterolemic patients. Clinical Nutrition, 2002, 21, 79-87.	2.3	31
308	CX-659S: a novel diaminouracil derivative that has antioxidative and acute anti-inflammatory activities. European Journal of Pharmacology, 2002, 438, 189-196.	1.7	21
309	Parenteral iron formulations: A comparative toxicologic analysis and mechanisms of cell injury. American Journal of Kidney Diseases, 2002, 40, 90-103.	2.1	199

#	Article	IF	CITATIONS
310	Oxidative stress in a phenylketonuria animal model. Free Radical Biology and Medicine, 2002, 32, 906-911.	1.3	50
311	C11-BODIPY581/591, an oxidation-sensitive fluorescent lipid peroxidation probe: (micro)spectroscopic characterization and validation of methodology. Free Radical Biology and Medicine, 2002, 33, 473-490.	1.3	419
312	Nutrition support of infants with short bowel syndrome. Nutrition, 2002, 18, 966-970.	1.1	24
313	Trace element levels in the experimental peritonitis. Journal of Trace Elements in Experimental Medicine, 2002, 15, 79-84.	0.8	0
314	Oxidative imbalance and lipid peroxidation in Alzheimer's disease. Drug Development Research, 2002, 56, 446-451.	1.4	9
315	Effects of alpha lipoic acid, ascorbic acid-6-palmitate, and fish oil on the glutathione, malonaldehyde, and fatty acids levels in erythrocytes of streptozotocin induced diabetic male rats. Journal of Cellular Biochemistry, 2002, 86, 530-539.	1.2	27
316	N-Methyl Bases of Ethanolamine Prevent Apoptotic Cell Death Induced by Oxidative Stress in Cells of Oligodendroglia Origin. Journal of Neurochemistry, 2002, 74, 1596-1604.	2.1	28
317	Eicosapentaenoic Acid, a n-3 Polyunsaturated Fatty Acid Differentially Modulates TNF-α, IL-1α, IL-6 and PGE2 Expression in UVB-Irradiated Human Keratinocytes. Journal of Investigative Dermatology, 2002, 118, 692-698.	0.3	76
318	Effects ofin vitroexposure to ozone and/or hyperoxia on superoxide dismutase, catalase, glutathione and lipid peroxidation in red blood cells and plasma of rainbow trout,Oncorhynchus mykiss(Walbaum). Aquaculture Research, 2002, 33, 165-175.	0.9	25
319	Iron does not bind to the Apo-B protein of low-density lipoprotein. European Journal of Clinical Investigation, 2002, 32, 17-20.	1.7	5
320	Evidence of Increased Oxidative Damage in Both Sporadic and Familial Amyotrophic Lateral Sclerosis. Journal of Neurochemistry, 1997, 69, 2064-2074.	2.1	671
321	Evidence for Oxidative Stress in the Subthalamic Nucleus in Progressive Supranuclear Palsy. Journal of Neurochemistry, 2002, 73, 881-884.	2.1	60
322	The effect of B-vitamins on hyperhomocysteinemia in patients on antiepileptic drugs. Epilepsy Research, 2002, 51, 237-247.	0.8	56
323	Determination of malondialdehyde in breath condensate by high-performance liquid chromatography with fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 766, 107-114.	1.2	81
324	Superoxide dismutase mimetics: synthesis and structure–activity relationship study of MnTBAP analogues. Bioorganic and Medicinal Chemistry, 2002, 10, 3013-3021.	1.4	72
325	Therapeutics against Mitochondrial Oxidative Stress in Animal Models of Aging. Annals of the New York Academy of Sciences, 2002, 959, 330-340.	1.8	65
326	Analysis of fatty acids by gas chromatography, and its relevance to research on health and nutrition. Analytica Chimica Acta, 2002, 465, 39-62.	2.6	171
327	Effects of vitamin E supplementation on blood antioxidants levels in patients with Behçet's disease. Clinical Biochemistry, 2002, 35, 633-639.	0.8	58

#	Article	IF	Citations
328	Involvement of Reactive Oxygen Species in Plant Mitochondrial Response to Low-Temperature Stress. Russian Journal of Plant Physiology, 2002, 49, 269-276.	0.5	5
329	Pharmacological Levels of Copper Exert Toxic Effects in Caco-2 Cells. Biological Trace Element Research, 2003, 96, 143-152.	1.9	17
330	Title is missing!. Molecular and Cellular Biochemistry, 2003, 249, 141-149.	1.4	9
331	Cyanidin and cyanidin 3-0- \hat{l}^2 -D-glucoside as DNA cleavage protectors and antioxidants. Cell Biology and Toxicology, 2003, 19, 243-252.	2.4	132
332	Screening of antioxidative activity of Bifidobacterium species isolated from Korean infant feces and their identification. Biotechnology and Bioprocess Engineering, 2003, 8, 199-204.	1.4	15
333	Effect of temperature and addition of \hat{l} ±-tocopherol on the oxidation of trilinolein model systems. Lipids, 2003, 38, 233-240.	0.7	28
334	PASSCLAIM - Diet-related cardiovascular disease. European Journal of Nutrition, 2003, 42, 1-1.	1.8	48
335	Changes in blood lipid peroxidation markers and antioxidants after a single sprint anaerobic exercise. European Journal of Applied Physiology, 2003, 89, 14-20.	1.2	179
336	Oxidative damage and phosphatidylserine expression of red blood cells in cattle experimentally infected with Theileria sergenti. Parasitology Research, 2003, 89, 228-234.	0.6	48
337	Malondialdehyde production in Jurkat T cells subjected to oxidative stress. Nutrition, 2003, 19, 545-548.	1.1	19
338	In vitro effects of selenite and mercuric chloride on liver thiobarbituric acid–reactive substances and non-protein thiols from rats. Nutrition, 2003, 19, 531-535.	1.1	14
339	Peroxidation potential of lipid emulsions after compounding in all-in-one solutions. Nutrition, 2003, 19, 784-788.	1.1	39
340	Molecular aspects of glutamate dysregulation: implications for schizophrenia and its treatment., 2003, 97, 153-179.		291
341	A combination of alpha-tocopherol, vitamin C and N-acetyl cysteine increases unsaturated fatty acid levels in hydrogen peroxide-inducedCandida tropicalis (ATCC 13803). Cell Biochemistry and Function, 2003, 21, 269-274.	1.4	2
342	Effect of cobalt on the oxidative status in heart and aorta of streptozotocin-induced diabetic rats. Cell Biochemistry and Function, 2003, 21, 27-33.	1.4	30
343	The effects of exposure of 60Co on the oxidant/antioxidant status among radiation victims. Journal of Environmental Radioactivity, 2003, 64, 19-25.	0.9	8
344	Oxidative stress, exercise, and antioxidant supplementation. Toxicology, 2003, 189, 41-54.	2.0	842
345	Synthesis and antioxidant properties of a new lipophilic ascorbic acid analogue. Bioorganic and Medicinal Chemistry, 2003, 11, 1087-1093.	1.4	24

#	ARTICLE	IF	Citations
346	Superoxide dismutase mimetics. Part 2: synthesis and structure–Activity relationship of glyoxylateand glyoxamide-Derived metalloporphyrins. Bioorganic and Medicinal Chemistry, 2003, 11, 2695-2707.	1.4	80
347	Measurement by reversed-phase high-performance liquid chromatography of malondialdehyde in normal human urine following derivatisation with 2,4-dinitrophenylhydrazine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 794, 353-362.	1.2	77
348	Non-anemic iron deficiency, oral iron supplementation, and oxidative damage in college-aged females. Journal of Nutritional Biochemistry, 2003, 14, 409-415.	1.9	23
349	Modulation of restraint stress induced oxidative changes in rats by antioxidant vitamins. Journal of Nutritional Biochemistry, 2003, 14, 633-636.	1.9	52
350	Increased lipid peroxidation during long-term intervention with high doses of n-3 fatty acids (PUFAs) following an acute myocardial infarction. European Journal of Clinical Nutrition, 2003, 57, 793-800.	1.3	50
351	Role of PGE2 in the development of pancreatic injury induced by chronic alcohol feeding in rats. Pancreatology, 2003, 3, 26-35.	0.5	7
352	Role of reactive oxygen species in the pathophysiology of human reproduction. Fertility and Sterility, 2003, 79, 829-843.	0.5	1,190
353	Impact of Oxygen Consumption by Yeast Lees on the Autolysis Phenomenon during Simulation of Wine Aging on Lees. Journal of Agricultural and Food Chemistry, 2003, 51, 2584-2590.	2.4	42
354	Treatment of Atherosclerosis in the New Millennium: Is There a Role for Vitamin E?. Preventive Cardiology, 2003, 6, 85-90.	1.1	18
355	Sequestering Ability of Butylated Hydroxytoluene, Propyl Gallate, Resveratrol, and Vitamins C and E against ABTS, DPPH, and Hydroxyl Free Radicals in Chemical and Biological Systems. Journal of Agricultural and Food Chemistry, 2003, 51, 1077-1080.	2.4	112
356	Biochemical pharmacology of functional foods and prevention of chronic diseases of aging. Biomedicine and Pharmacotherapy, 2003, 57, 251-260.	2.5	156
357	Skin antioxidants: assessment of therapeutic value. Expert Opinion on Therapeutic Patents, 2003, 13, 969-977.	2.4	0
358	Importance of internal mammary artery perfusion in cardiac ischemia and reperfusion. Perfusion (United Kingdom), 2003, 18, 351-356.	0.5	1
359	Scavenger Capacity of Follicular Fluid, Decidua and Culture Medium with Regard to Assisted Reproduction: An in vitro Study Using Electron Paramagnetic Resonance Spectroscopy. Gynecologic and Obstetric Investigation, 2003, 55, 178-182.	0.7	5
360	Lipid Peroxidation and Antioxidants in Plasma and Red Blood Cells from Patients with Pemphigus Vulgaris. Journal of Basic and Clinical Physiology and Pharmacology, 2003, 14, 31-42.	0.7	35
361	Antioxidant vitamin supplementation in Crohn's disease decreases oxidative stress: a randomized controlled trial. American Journal of Gastroenterology, 2003, 98, 348-353.	0.2	117
362	Cardiac Mitochondrial NADP+-isocitrate Dehydrogenase Is Inactivated through 4-Hydroxynonenal Adduct Formation. Journal of Biological Chemistry, 2003, 278, 45154-45159.	1.6	110
363	An imbalance in antioxidant defense affects cellular function: the pathophysiological consequences of a reduction in antioxidant defense in the glutathione peroxidase-1 (Gpx1) knockout mouse. Redox Report, 2003, 8, 69-79.	1.4	85

#	Article	IF	CITATIONS
364	Effect of eicosapentaenoic acid, an omega-3 polyunsaturated fatty acid, on UVR-related cancer risk in humans. An assessment of early genotoxic markers. Carcinogenesis, 2003, 24, 919-925.	1.3	105
365	Photoprotection by Antioxidants against UVB-Radiation-Induced Damage in Pig Skin Organ Culture. Radiation Research, 2003, 159, 210-217.	0.7	35
366	Exercise-induced Quadriceps Oxidative Stress and Peripheral Muscle Dysfunction in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1664-1669.	2.5	224
367	Marked Decrease in Plasma Antioxidants in Aged Osteoporotic Women: Results of a Cross-Sectional Study. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1523-1527.	1.8	472
368	Is There Evidence for Excessive Free Radical Production In Vivo during Ultrasound-Assisted Liposuction?; Jþrgen Herr, M.D., Holger Hofheinz, M.D., Catherine Hertl, M.D., Rolf-Rþdiger Olbrisch, M.D., and Eberhard Wieland, M.D Plastic and Reconstructive Surgery, 2003, 111, 430-431.	0.7	1
369	Active Oxygen Scavenging Enzyme Activities and Glutathione, Ascorbic Acid and Lipid Peroxidation Levels in DevelopingVitis ViniferaL. Leaves and Berries. Biotechnology and Biotechnological Equipment, 2003, 17, 114-122.	0.5	3
370	Possible role of increased oxidant stress in multiple organ failure after systemic inflammatory response syndrome. Critical Care Medicine, 2003, 31, 1048-1052.	0.4	197
371	Moderate Antioxidant Supplementation Has No Effect on Biomarkers of Oxidant Damage in Healthy Men with Low Fruit and Vegetable Intakes. Journal of Nutrition, 2003, 133, 740-743.	1.3	72
372	Dietary flavanols and procyanidin oligomers from cocoa (Theobroma cacao) inhibit platelet function. American Journal of Clinical Nutrition, 2003, 77, 1466-1473.	2.2	326
373	Protective Effect of Docosahexaenoic Acid on Oxidative Stress-Induced Apoptosis of Retina Photoreceptors., 2003, 44, 2252.		152
374	New method to study oxidative damage and antioxidants in the human small bowel: effects of iron application. American Journal of Physiology - Renal Physiology, 2003, 285, G354-G359.	1.6	35
375	OxLDL stimulates cell proliferation through a general induction of cell cycle proteins. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H644-H653.	1.5	62
376	Effects of Beta-Carotene Supplementation on Free Radical Mechanism in Healthy Adult Subjects. International Journal for Vitamin and Nutrition Research, 2004, 74, 147-152.	0.6	13
377	Analysis of Malonyldialdehyde Using Ion Exclusion Chromatography. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 2733-2742.	0.5	1
378	Extreme Running Competition Decreases Blood Antioxidant Defense Capacity. Journal of the American College of Nutrition, 2004, 23, 358-364.	1.1	31
379	Does Oxidative Stress Alter Quadriceps Endurance in Chronic Obstructive Pulmonary Disease?. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1022-1027.	2.5	173
380	Development of a Comprehensive Dietary Antioxidant Index and Application to Lung Cancer Risk in a Cohort of Male Smokers. American Journal of Epidemiology, 2004, 160, 68-76.	1.6	153
381	Serum paraoxonase activity is decreased in the active stage of Behcet's disease. British Journal of Ophthalmology, 2004, 88, 1256-1258.	2.1	36

#	Article	IF	CITATIONS
382	Oxidized Low-Density Lipoprotein Retards the Growth of Proliferating Cells by Inhibiting Nuclear Translocation of Cell Cycle Proteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 727-732.	1.1	26
383	Antioxidant effect of gamma-tocopherol supplied by propofol preparations (Diprivan) during ischemia-reperfusion in experimental lung transplantation. Transplant International, 2004, 17, 71-77.	0.8	3
384	Oxidative stress in juvenile chinook salmon, Oncorhynchus tshawytscha (Walbaum). Aquaculture Research, 2004, 35, 881-887.	0.9	23
385	Arachidonic acid-induced carbon-centered radicals and phospholipid peroxidation in cyclo-oxygenase-2-transfected PC12 cells. Journal of Neurochemistry, 2004, 90, 1036-1049.	2.1	58
386	Non-protein-bound iron and free radical damage in fetuses with rhesus haemolytic disease: influence of intrauterine transfusions. BJOG: an International Journal of Obstetrics and Gynaecology, 2004, 111, 303-310.	1.1	7
387	On the Etiology of Contact/Occupational Vitiligo. Pigment Cell & Melanoma Research, 2004, 17, 208-214.	4.0	226
388	Cholemic transgenic mice: A novel animal model to investigate the effects of bile acids. Journal of Pharmacological and Toxicological Methods, 2004, 50, 231-235.	0.3	4
389	Variable effects of exercise intensity on reduced glutathione, thiobarbituric acid reactive substance levels, and glucose concentration. Archives of Medical Research, 2004, 35, 294-300.	1.5	44
390	Antioxidant and hepatoprotective activities of low molecular weight sulfated polysaccharide from Laminaria japonica. Journal of Applied Phycology, 2004, 16, 111-115.	1.5	94
391	Role of Oxidative Damage in Friedreich's Ataxia. Neurochemical Research, 2004, 29, 561-567.	1.6	64
392	Vitamin E supplementation, exercise and lipid peroxidation in human participants. European Journal of Applied Physiology, 2004, 93, 108-115.	1.2	20
393	Role of oxidative stress and antioxidants in aetiopathogenesis and management of oral submucous fibrosis. Indian Journal of Clinical Biochemistry, 2004, 19, 138-141.	0.9	67
394	Antioxidant effect of ?-tocopherol supplied by propofol preparations (Diprivan) during ischemia?reperfusion in experimental lung transplantation. Transplant International, 2004, 17, 71-77.	0.8	10
395	Scoparia dulcis, a traditional antidiabetic plant, protects against streptozotocin induced oxidative stress and apoptosis in vitro and in vivo. Journal of Biochemical and Molecular Toxicology, 2004, 18, 261-272.	1.4	47
396	Effects of garlic extract consumption on blood lipid and oxidant/antioxidant parameters in humans with high blood cholesterol. Journal of Nutritional Biochemistry, 2004, 15, 373-377.	1.9	125
397	F2-isoprostanes as indices of lipid peroxidation in inflammatory diseases. Chemistry and Physics of Lipids, 2004, 128, 165-171.	1.5	116
398	Lipid Peroxidation in the Presence of Albumin, Inhibitory and Prooxidative Effects. Free Radical Research, 2004, 38, 1173-1181.	1.5	4
399	Hyperhomocysteinemia, Enzyme Polymorphism and Thiobarbituric Acid Reactive System in Children with High Coronary Risk Family History. Journal of the American College of Nutrition, 2004, 23, 386-390.	1.1	4

#	Article	IF	CITATIONS
400	The Mitochondrial Uncoupling Agent 2,4-Dinitrophenol Improves Mitochondrial Function, Attenuates Oxidative Damage, and Increases White Matter Sparing in the Contused Spinal Cord. Journal of Neurotrauma, 2004, 21, 1396-1404.	1.7	57
401	The effects of antioxidant vitamin supplementation on resistance exercise induced lipid peroxidation in trained and untrained participants. Lipids in Health and Disease, 2004, 3, 14.	1.2	35
402	Antioxidant potential of vitamins A, E and C in modulating oxidative stress in rat brain. Clinica Chimica Acta, 2004, 340, 229-233.	0.5	211
403	Antioxidative activities of water-soluble disaccharide chitosan derivatives. Food Research International, 2004, 37, 883-889.	2.9	110
404	Age-related changes of antioxidant enzyme activities, glutathione status and lipid peroxidation in rat erythrocytes after heat stress. Life Sciences, 2004, 75, 1551-1565.	2.0	45
405	Effects of garlic extract consumption on plasma and erythrocyte antioxidant parameters in atherosclerotic patients. Life Sciences, 2004, 75, 1959-1966.	2.0	40
406	Antioxidant status and nonspecific immune responses in rainbow trout (Oncorhynchus mykiss) fed two levels of vitamin E along with three lipid sources. Aquaculture, 2004, 234, 361-379.	1.7	135
407	Nonspecific immune response of rainbow trout (Oncorhynchus mykiss Walbaum) in relation to different status of vitamin E and highly unsaturated fatty acids. Fish and Shellfish Immunology, 2004, 16, 25-39.	1.6	129
408	Effects of rofecoxib, a selective cyclooxygenase-2 inhibitor, on endothelial dysfunction, lipid peroxidation, and hepatocyte morphology in rats with sepsis-induced liver damage. Current Therapeutic Research, 2004, 65, 278-291.	0.5	3
409	Potential Mechanisms for Altered Iron Metabolism in Human Immunodeficiency Virus Disease. Journal of the Association of Nurses in AIDS Care, 2004, 15, 31-45.	0.4	17
410	Effect of Chlorophyllin on Normothermic Storage of Human Periodontal Ligament Cells. Journal of Endodontics, 2004, 30, 399-402.	1.4	6
411	Oxidative stress status in an institutionalised elderly group after the intake of a phenolic-rich dessert. British Journal of Nutrition, 2004, 91, 943-950.	1.2	21
412	Lipid oxidation and the shelf-life of muscle foods., 2004,, 357-395.		7
413	Elevated 8-Isoprostane Levels in Basal Cell Carcinoma and in Uva Irradiated Skin. International Journal of Immunopathology and Pharmacology, 2005, 18, 497-502.	1.0	27
414	Method development and validation for monitoring in vivo oxidative stress: Evaluation of lipid peroxidation and fat-soluble vitamin status by HPLC in rat plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 822, 33-39.	1.2	28
415	Breath analysis: trends in techniques and clinical applications. Microchemical Journal, 2005, 79, 405-410.	2.3	178
416	Effects of Welsh onion on oxidation of low-density lipoprotein and nitric oxide production in macrophage cell line RAW 264.7. Food Chemistry, 2005, 91, 147-155.	4.2	35
417	Effect of polyphenolic compounds from on HO-induced oxidative stress in human lymphocytes. Food Chemistry, 2005, 92, 653-660.	4.2	56

#	Article	IF	Citations
418	Meconium-stained liquor during labor is associated with raised neonatal cord blood 8-iso-prostaglandin F2l± concentration. American Journal of Obstetrics and Gynecology, 2005, 192, 289-294.	0.7	12
419	A novel test for identifying genes involved in aldehyde detoxification in the yeast. Increased sensitivity of superoxideâ€deficient yeast to aldehydes and their metabolic precursors. BioFactors, 2005, 24, 59-65.	2.6	9
420	Comparison Between Hydroperoxides and Malondialdehyde as Markers of Acute Oxidative Injury During Hemodialysis. Artificial Organs, 2005, 29, 832-837.	1.0	21
421	Antioxidant deficit and enhanced susceptibility to oxidative damage in individuals with different forms of l±-thalassaemia. British Journal of Haematology, 2005, 128, 119-127.	1.2	40
422	Evaluation of antioxidant properties of dermocosmetic creams by direct electrochemical measurements. International Journal of Cosmetic Science, 2005, 27, 254-254.	1.2	1
423	Glutathione conjugates of 4-hydroxy-2(E)-nonenal as biomarkers of hepatic oxidative stress-induced lipid peroxidation in rats. Free Radical Biology and Medicine, 2005, 38, 1526-1536.	1.3	70
424	Potential markers of oxidative stress in stroke. Free Radical Biology and Medicine, 2005, 39, 841-852.	1.3	354
425	Changes in malondialdehyde concentrations and glutathione peroxidase activity in purebred Arabian mares with endometritis. Veterinary Journal, 2005, 170, 135-137.	0.6	16
426	Effects of short vs. prolonged mechanical ventilation on antioxidant systems in piglet diaphragm. Intensive Care Medicine, 2005, 31, 1427-1433.	3.9	54
427	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
428	Assessment of paraoxonase 1 activity and malondialdehyde levels in patients with rheumatoid arthritis. Clinical Biochemistry, 2005, 38, 951-955.	0.8	74
429	Age-related changes in antioxidant status and oxidative damage to lipids and dna in mitochondria of rat liver. Process Biochemistry, 2005, 40, 903-908.	1.8	20
430	Antioxidant status in peripheral vascular atherosclerosis. International Journal of Angiology, 2005, 14, 7-10.	0.2	1
431	Beneficial effects of MnTBAP, a broad-spectrum reactive species scavenger, in rat renal ischemia/reperfusion injury. Clinical and Experimental Nephrology, 2005, 9, 212-218.	0.7	19
432	Antioxidant status and peroxidative stress in mother and newborn â€"A pilot study. Indian Journal of Clinical Biochemistry, 2005, 20, 30-34.	0.9	16
433	Hepatoprotective effect of flavonol glycosides rich fraction from egyptianVicia calcarata desf. Against CCI4-induced liver damage in rats. Archives of Pharmacal Research, 2005, 28, 791-798.	2.7	50
434	Iron, zinc, and alcohol consumption and mortality from cardiovascular diseases: the Iowa Women's Health Study. American Journal of Clinical Nutrition, 2005, 81, 787-791.	2.2	107
435	The peroxisome proliferator-activated receptor $\hat{l}\pm$ Leu162Val polymorphism influences the metabolic response to a dietary intervention altering fatty acid proportions in healthy men. American Journal of Clinical Nutrition, 2005, 81, 523-530.	2.2	52

#	Article	IF	CITATIONS
436	The physiological and production effects of increased dietary intake of vitamins E and C in feedlot cattle challenged with bovine herpesvirus 11. Journal of Animal Science, 2005, 83, 2423-2433.	0.2	20
437	Protective Effect of Resveratrol Against Renal Oxidative Stress in Cholestasis. Renal Failure, 2005, 27, 435-440.	0.8	14
438	Oral ferrous fumarate or intravenous iron sucrose for patients with inflammatory bowel disease. Scandinavian Journal of Gastroenterology, 2005, 40, 1058-1065.	0.6	129
439	Effect of α-tocopherol on antioxidant enzyme activities and lipid peroxidation in rainbow trout (Oncorhynchus mykiss). Acta Veterinaria Hungarica, 2005, 53, 425-433.	0.2	33
440	Comparison of the Effects of Vitamins and/or Mineral Supplementation on Glomerular and Tubular Dysfunction in Type 2 Diabetes. Diabetes Care, 2005, 28, 2458-2464.	4.3	114
441	Inhibition of 5-lipoxygenase-activating protein abrogates experimental liver injury: role of Kupffer cells. Journal of Leukocyte Biology, 2005, 78, 871-878.	1.5	56
442	Rehabilitation Decreases Exercise-induced Oxidative Stress in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 994-1001.	2.5	161
443	Antioxidative Activity of Lactobacilli Measured by Oxygen Radical Absorbance Capacity. Journal of Dairy Science, 2005, 88, 1352-1357.	1.4	54
444	Influence of Body Condition Score on Relationships Between Metabolic Status and Oxidative Stress in Periparturient Dairy Cows. Journal of Dairy Science, 2005, 88, 2017-2026.	1.4	460
445	Protective Effect of Resveratrol Against Renal Oxidative Stress in Cholestasis. Renal Failure, 2005, 27, 435-440.	0.8	15
446	Effects of Antioxidant Vitamins on Glutathione Depletion and Lipid Peroxidation Induced by Restraint Stress in the Rat Liver. Drugs in R and D, 2005, 6, 157-165.	1.1	105
447	Antioxidant Activity Studies on Selected <i>Sideritis </i> Biology, 2005, 43, 173-177.	1.3	37
448	Oxidative Stress in the Dahl Salt-Sensitive Hypertensive Rat. Clinical and Experimental Hypertension, 2005, 27, 9-15.	0.5	16
449	Effect of Temperature, Cholesterol Content, and Antioxidant Structure on the Mobility of Vitamin E Constituents in Biomembrane Models Studied by Laterally Diffusion-Controlled Fluorescence Quenching. Journal of the American Chemical Society, 2005, 127, 15575-15584.	6.6	29
450	Synthesis and Spin-Trapping Behavior of 5-ChEPMPO, a Cholesteryl Ester Analogue of the Spin Trap DEPMPO. Journal of Organic Chemistry, 2005, 70, 10426-10433.	1.7	26
451	Improved Malonaldehyde Assay Using Headspace Solid-Phase Microextraction and Its Application to the Measurement of the Antioxidant Activity of Phytochemicals. Journal of Agricultural and Food Chemistry, 2005, 53, 4708-4713.	2.4	33
452	Dietary vitamin E requirement of grouper, Epinephelus malabaricus, at two lipid levels, and their effects on immune responses. Aquaculture, 2005, 248, 235-244.	1.7	119
453	Comparison between daidzein and genistein antioxidant activity in primary and cancer lymphocytes. Archives of Biochemistry and Biophysics, 2005, 433, 421-427.	1.4	108

#	Article	IF	CITATIONS
454	Lipid Peroxidation. , 2005, , 730-734.		5
455	Exercise-Induced Oxidative Stress. Sports Medicine, 2005, 35, 1045-1062.	3.1	255
456	Ultra-Endurance Exercise and Oxidative Damage. Sports Medicine, 2006, 36, 429-441.	3.1	97
457	Antioxidative Stress Activity of Oligophosphopeptides Derived from Hen Egg Yolk Phosvitin in Caco-2 Cells. Journal of Agricultural and Food Chemistry, 2006, 54, 773-778.	2.4	91
458	Oxidation of bovine serum albumin initiated by the Fenton reactionâ€"effect of EDTA,tert-butylhydroperoxide and tetrahydrofuran. Free Radical Research, 2006, 40, 409-417.	1.5	30
459	Novel follicular fluid factors influencing oocyte developmental potential in IVF: a review. Reproductive BioMedicine Online, 2006, 12, 500-506.	1.1	76
460	Physiological Effects of Eicosapentaenoic Acid (EPA) and Docosahexaenoic Acid (DHA)—A Review. Food Reviews International, 2006, 22, 291-307.	4.3	122
461	Effect of the Phosphoryl Substituent in the Linear Nitrone on the Spin Trapping of Superoxide Radical and the Stability of the Superoxide Adduct:Â Combined Experimental and Theoretical Studies. Journal of Organic Chemistry, 2006, 71, 7753-7762.	1.7	19
462	Impact of iron-catalyzed dietary lipid peroxidation on growth performance, general health and flesh proximate and fatty acid composition of Atlantic salmon (Salmo salar L.) reared in seawater. Aquaculture, 2006, 257, 534-557.	1.7	33
463	Increased brain levels of 4-hydroxy-2-nonenal glutathione conjugates in severe Alzheimer's disease. Neurochemistry International, 2006, 48, 679-686.	1.9	76
465	Embryotrophic effects of ethylenediaminetetraacetic acid and hemoglobin on in vitro porcine embryos development. Theriogenology, 2006, 66, 449-455.	0.9	21
466	What an andrologist/urologist should know about free radicals and why. Urology, 2006, 67, 2-8.	0.5	113
467	THE EFFECT OF ACUTE RESISTANCE EXERCISE ON SERUM MALONDIALDEHYDE IN RESISTANCE-TRAINED AND UNTRAINED COLLEGIATE MEN. Journal of Strength and Conditioning Research, 2006, 20, 693-695.	1.0	1
468	Effect of celery (Apium graveolens) extracts on some biochemical parameters of oxidative Stress in mice treated with carbon tetrachloride. Phytotherapy Research, 2006, 20, 531-537.	2.8	72
469	Antioxidant Requirements of Endurance Athletes: Implications for Health. Nutrition Reviews, 2006, 64, 93-108.	2.6	30
470	Disparate patterns of age-related changes in lipid peroxidation in long-lived naked mole-rats and shorter-lived mice. Aging Cell, 2006, 5, 525-532.	3.0	111
471	Effects of Atypical Antioxidative Agents, <i>S</i> â€nitrosoglutathione and Manganese, on Brain Lipid Peroxidation Induced by Iron Leaking from Tissue Disruption. Annals of the New York Academy of Sciences, 2000, 899, 238-254.	1.8	28
472	Mitochondrial Oxidative Stress: Physiologic Consequences and Potential for a Role in Aging. Annals of the New York Academy of Sciences, 2000, 908, 219-225.	1.8	137

#	Article	IF	Citations
473	The impact of Vitamins C, B1 and B6 supplementation on antioxidant enzyme activities, membrane total sialic acid and lipid peroxidation levels in Fusarium species. Process Biochemistry, 2006, 41, 1608-1613.	1.8	8
474	Preventive effect of S-allylcysteine on lipid peroxides and antioxidants in normal and isoproterenol-induced cardiotoxicity in rats: A histopathological study. Toxicology, 2006, 224, 128-137.	2.0	46
475	Malondialdehyde and catalase as the serum biomarkers of allyl chloride-induced toxic neuropathy. Toxicology, 2006, 227, 36-44.	2.0	13
476	Serum paraoxonase 1 activity and malondialdehyde levels in patients with ulcerative colitis. Cell Biochemistry and Function, 2006, 24, 283-286.	1.4	37
477	Resveratrol, a Red Wine Constituent Polyphenol, Protects Gastric Tissue Against the Oxidative Stress in Cholestatic Rats. Digestive Diseases and Sciences, 2006, 51, 298-302.	1.1	24
478	nâ^'3, nâ^'6, and nâ^'9 polyunsaturated fatty acidsâ€"which composition in parenteral nutrition decreases severity of acute hemorrhagic necrotizing pancreatitis in rats?. International Journal of Colorectal Disease, 2006, 21, 57-63.	1.0	16
480	Anti-inflammatory action of phenolic compounds from Gastrodia elata root. Archives of Pharmacal Research, 2006, 29, 849-858.	2.7	102
481	Antioxidant levels in tissues of young and adult camels (Camelus dromedarius). Journal of Physiology and Biochemistry, 2006, 62, 213-218.	1.3	18
482	End-tidal carbon monoxide measurements in infant respiratory distress syndrome. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 1075-1082.	0.7	19
483	Aerobic capacity, oxidant stress, and chronic obstructive pulmonary diseaseâ€"A new take on an old hypothesis. , 2006, 110, 71-82.		28
484	Protective effect of aminoguanidine against oxidative stress in an experimental peritoneal adhesion model in rats. Cell Biochemistry and Function, 2006, 24, 443-448.	1.4	20
485	Investigation of protein oxidation and lipid peroxidation in patients with rheumatoid arthritis. Cell Biochemistry and Function, 2006, 24, 307-311.	1.4	82
486	Production of lipid peroxidation products in osteoarthritic tissues: New evidence linking 4-hydroxynonenal to cartilage degradation. Arthritis and Rheumatism, 2006, 54, 271-281.	6.7	75
487	Parameters of oxidative stress status in healthy subjects: their correlations and stability after sample collection. Journal of Clinical Laboratory Analysis, 2006, 20, 139-148.	0.9	23
488	Contribution of mass spectrometry to assess quality of milk-based products. Mass Spectrometry Reviews, 2006, 25, 290-326.	2.8	59
489	Effects of exclusive formula or breast milk feeding on oxidative stress in healthy preterm infants. Archives of Disease in Childhood, 2006, 91, 327-329.	1.0	21
490	The effect of hot season and nutrition on the oxidative status and metabolic profile in dairy goats during mid lactation. Animal Science, 2006, 82, 717-722.	1.3	69
491	Retinal Light Damage: Structural and Functional Effects of the Antioxidant Glutathione Peroxidase-1., 2006, 47, 2613.		33

#	Article	IF	CITATIONS
492	Bioactive Composition of Pig Laryngeal Cartilage Extracts and Their Free Radical-scavenging Activity. Food Science and Technology International, 2006, 12, 371-377.	1.1	4
493	Metabolic effects of intravenous LCT or MCT/LCT lipid emulsions in preterm infants. Journal of Lipid Research, 2006, 47, 404-411.	2.0	56
494	Docosahexaenoic acid (DHA) blunts liver injury by conversion to protective lipid mediators: protectin D1 and 17Sâ€hydroxyâ€DHA. FASEB Journal, 2006, 20, 2537-2539.	0.2	194
495	Role of Lipid Composition and Lipid Peroxidation in the Sensitivity of Fungal Plant Pathogens to Aluminum Chloride and Sodium Metabisulfite. Applied and Environmental Microbiology, 2007, 73, 2820-2824.	1.4	31
496	Multivitamin-Mineral Supplementation Prevents Lipid Peroxidation during "The Marathon des Sablesâ€∙ Journal of the American College of Nutrition, 2007, 26, 111-120.	1.1	20
497	Electric Field Effects on Guinea Pig Serum: The Role of Free Radicals. Electromagnetic Biology and Medicine, 2007, 26, 207-223.	0.7	30
498	Diet, Herbs, and Nutritional Protection against Oxidative Stress in Neurological Diseases. , 2007, , 525-541.		3
499	The enigma of <i>in vivo </i> oxidative stress assessment: isoprostanes as an emerging target. Food Nutrition Research, 2007, 51, 48-61.	0.3	21
500	Synthesis of New L-Ascorbic Ferulic Acid Hybrids. Molecules, 2007, 12, 2533-2545.	1.7	20
501	Amla (Emblica officinalis Gaertn.) prevents dyslipidaemia and oxidative stress in the ageing process. British Journal of Nutrition, 2007, 97, 1187-1195.	1.2	91
503	Pigmentation, carotenoids, lipid peroxides and lipid composition of skin of red porgy (Pagrus pagrus) fed diets supplemented with different astaxanthin sources. Aquaculture, 2007, 270, 218-230.	1.7	90
504	Studies on antioxidant enzymes in mice exposed to pulsed electromagnetic fields. Ecotoxicology and Environmental Safety, 2007, 66, 287-289.	2.9	14
505	Rutin and flavonoid contents in three buckwheat species Fagopyrum esculentum, F. tataricum, and F. homotropicum and their protective effects against lipid peroxidation. Food Research International, 2007, 40, 356-364.	2.9	233
506	Experimental diabetes treated with Achillea santolina: Effect on pancreatic oxidative parameters. Journal of Ethnopharmacology, 2007, 112, 13-18.	2.0	99
507	Determination of Lipid Peroxidation in Desiccated Red Blood Cells. Cell Preservation Technology, 2007, 5, 165-174.	0.8	14
508	Amla (<i>Emblica officinalis</i> Gaertn.) Attenuates Age-Related Renal Dysfunction by Oxidative Stress. Journal of Agricultural and Food Chemistry, 2007, 55, 7744-7752.	2.4	75
509	Antifungal compounds that target fungal membranes: applications in plant disease control. Canadian Journal of Plant Pathology, 2007, 29, 323-329.	0.8	64
510	Sustained Elevation of Intracellular cGMP Causes Oxidative Stress Triggering Calpain-Mediated Apoptosis in Photoreceptor Degeneration. Current Eye Research, 2007, 32, 259-269.	0.7	60

#	Article	IF	CITATIONS
511	Design of New Derivatives of Nitrone DEPMPO Functionalized at C-4 for Further Specific Applications in Superoxide Radical Detection. Journal of Organic Chemistry, 2007, 72, 7886-7892.	1.7	19
512	Effects of Chronic and Acute Ozone Exposure on Lipid Peroxidation and Antioxidant Capacity in Healthy Young Adults. Environmental Health Perspectives, 2007, 115, 1732-1737.	2.8	92
513	Extração e caracterização parcial de peroxidase de folhas de Copaifera langsdorffii Desf Food Science and Technology, 2007, 27, 221-225.	0.8	3
515	Differential regulation of cyclooxygenase-2 and inducible nitric oxide synthase by 4-hydroxynonenal in human osteoarthritic chondrocytes through ATF-2/CREB-1 transactivation and concomitant inhibition of NF-ÎB signaling cascade. Journal of Cellular Biochemistry, 2007, 100, 1217-1231.	1.2	52
516	Hepatoprotective effects of lupeol and mango pulp extract of carcinogen induced alteration in Swiss albino mice. Molecular Nutrition and Food Research, 2007, 51, 352-359.	1.5	88
517	Vasculoprotective potential of olive oil components. Molecular Nutrition and Food Research, 2007, 51, 1225-1234.	1.5	90
518	Boysenberry and blackcurrant drinks increased the plasma antioxidant capacity in an elderly population but had little effect on other markers of oxidative stress. Journal of the Science of Food and Agriculture, 2007, 87, 2519-2527.	1.7	19
519	Effect of molecular weight of chitosans on their antioxidative activities in apple juice. Food Chemistry, 2007, 102, 1192-1198.	4.2	117
520	Effect of therapeutic pulsed ultrasound on parameters of oxidative stress in skeletal muscle after injury. Cell Biology International, 2007, 31, 482-488.	1.4	34
521	Improved method for the in vitro assessment of antioxidant activity of plant extracts by headspace solid-phase microextraction and gas chromatography–electron capture detection. Journal of Chromatography A, 2007, 1152, 150-155.	1.8	28
522	Antioxidant activity of a ginger extract (Zingiber officinale). Food Chemistry, 2007, 102, 764-770.	4.2	406
523	Role of peroxynitrite in secondary oxidative damage after spinal cord injury. Journal of Neurochemistry, 2007, 100, 639-649.	2.1	187
524	THE FREE RADICAL-SCAVENGING PROPERTY OF CHONDROITIN SULFATE FROM PIG LARYNGEAL CARTILAGE IN VITRO. Journal of Food Biochemistry, 2007, 31, 28-44.	1.2	7
525	Effects of Onosma armeniacum root extract on ethanol-induced oxidative stress in stomach tissue of rats. Chemico-Biological Interactions, 2007, 170, 40-48.	1.7	81
526	Retinol supplementation in murine Plasmodium berghei malaria: Effects on tissue levels, parasitaemia and lipid peroxidation. International Journal for Parasitology, 2007, 37, 525-537.	1.3	5
527	Effect of exclusive enteral nutritional treatment on plasma antioxidant concentrations in childhood Crohn's disease. Clinical Nutrition, 2007, 26, 51-56.	2.3	34
528	Germination, growth and physiological responses of mangrove plant (Bruguiera gymnorrhiza) to lubricating oil pollution. Environmental and Experimental Botany, 2007, 60, 127-136.	2.0	64
529	Antioxidant effect of βâ€carotene in cystic fibrosis and bronchiectasis: clinical and laboratory parameters of a pilot study. Acta Paediatrica, International Journal of Paediatrics, 2002, 91, 793-798.	0.7	16

#	Article	IF	CITATIONS
530	Evaluation of aspect of some oxidative stress parameters using vitamin E, proanthocyanidin and N-acetylcysteine against exposure to cyfluthrin in mice. Pesticide Biochemistry and Physiology, 2007, 88, 43-49.	1.6	60
531	Evaluation of propolis effects on some biochemical parameters in rats treated with sodium fluoride. Pesticide Biochemistry and Physiology, 2007, 88, 273-283.	1.6	57
532	Decreased protein nitration in macrophages that overexpress indoleamine 2, 3-dioxygenase. Cellular and Molecular Biology Letters, 2007, 12, 82-102.	2.7	12
533	Effect of high environmental temperatures on ascorbic acid, sulfhydryl residue and oxidized lipid concentrations in plasma of dairy cows. Animal Science Journal, 2007, 78, 301-306.	0.6	29
534	Topically Applied Eicosapentaenoic Acid Protects Against Local Immunosuppression Induced by UVB Irradiation, cis-Urocanic Acid and Thymidine Dinucleotides¶. Photochemistry and Photobiology, 2007, 73, 64-70.	1.3	0
535	The antioxidant profile of three different peaches cultivars (Prunus persica) and their short-term effect on antioxidant status in human. European Food Research and Technology, 2007, 225, 167-172.	1.6	34
536	Docosahexaenoic Acid Enhances Iron Uptake by Modulating Iron Transporters and Accelerates Apoptotic Death in PC12 Cells. Neurochemical Research, 2007, 32, 1673-1684.	1.6	20
537	Activity and protein level of CuZnSOD and MnSOD in benign and malignant liver tumors. Clinical Biochemistry, 2008, 41, 91-96.	0.8	18
538	Photosynthesis, chlorophyll fluorescence, and antioxidant enzyme responses of invasive weed Mikania micrantha to Bemisia tabaci infestation. Photosynthetica, 2008, 46, 457-462.	0.9	10
539	Impact of polyunsaturated fatty acid degradation on survival and acidification activity of freeze-dried Weissella paramesenteroides LC11 during storage. Applied Microbiology and Biotechnology, 2008, 79, 1045-1052.	1.7	14
540	Oxidative-antioxidant status of Fasciola hepatica-infected rats supplemented with zinc. A mathematical model for zinc bioaccumulation and host growth. Parasitology Research, 2008, 104, 69-78.	0.6	9
541	Lipid constituents in oligodendroglial cells alter susceptibility to H2O2-induced apoptotic cell death via ERK activation. Journal of Neurochemistry, 2008, 76, 910-918.	2.1	49
542	Cytotoxicity of Nanoparticles. Small, 2008, 4, 26-49.	5.2	2,488
543	UV-induced changes in antioxidant capacities of selected carotenoids toward lecithin in aqueous solution. Radiation Physics and Chemistry, 2008, 77, 34-41.	1.4	10
544	Oxidative stress and temporomandibular joint disorders. Japanese Dental Science Review, 2008, 44, 145-150.	2.0	13
545	The antioxidant activity of 2-(4(or 2)-hydroxyl-5-chloride-1,3-benzene-di-sulfanimide)-chitosan. European Journal of Medicinal Chemistry, 2008, 43, 2171-2177.	2.6	16
546	Determination of hydroperoxides in foods and biological samples by the ferrous oxidation–xylenol orange method: A review of the factors that influence the method's performance. Analytical Biochemistry, 2008, 377, 1-15.	1.1	179
547	Aldehyde formation in frozen mackerel (Scomber scombrus) in the presence and absence of instant green tea. Food Chemistry, 2008, 108, 801-810.	4.2	74

#	Article	IF	CITATIONS
548	Circulating oxidative stress status in desert sheep naturally infected with Fasciola hepatica. Veterinary Parasitology, 2008, 154, 262-269.	0.7	36
549	Lipid peroxidation in the cerebrospinal fluid of patients with neurocysticercosis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 1025-1031.	0.7	5
550	Hemidesmus indicus Protects against ethanol-induced liver toxicity. Cellular and Molecular Biology Letters, 2008, 13, 20-37.	2.7	21
551	Ability of alpha-lipoic acid to reverse the diabetic cystopathy in a rat model. Acta Pharmacologica Sinica, 2008, 29, 713-719.	2.8	16
552	Salivary malondialdehyde levels in clinically healthy and periodontal diseased individuals. Oral Diseases, 2008, 14, 754-760.	1.5	54
553	Preventive Effect of Sâ€Allylcysteine on Membraneâ€Bound Enzymes and Glycoproteins in Normal and Isoproterenolâ€Induced Cardiac Toxicity in Male Wistar Rats. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 507-513.	1.2	11
554	Antioxidant and radical scavenging properties of curcumin. Chemico-Biological Interactions, 2008, 174, 27-37.	1.7	1,410
555	Health effects of quercetin: From antioxidant to nutraceutical. European Journal of Pharmacology, 2008, 585, 325-337.	1.7	1,487
556	Corpuscular oxidative stress in desert sheep naturally deficient in copper. Small Ruminant Research, 2008, 80, 33-38.	0.6	5
557	Effects of Wheat Antioxidants on Oxygen Diffusionâ^'Concentration Products in Liposomes and mRNA Levels of HMG-CoA Reductase and Cholesterol 7α-Hydroxylase in Primary Rat Hepatocytes. Journal of Agricultural and Food Chemistry, 2008, 56, 5033-5042.	2.4	13
558	Consequences of Acute and Chronic Oxidative Stress upon the Expression Pattern of Proteins in Peripheral Blood Mononuclear Cells. Journal of Proteome Research, 2008, 7, 5138-5147.	1.8	12
559	Oxygen and Nitrogen Free Radicals. , 2008, , 1-30.		0
560	Metabolic profile and oxidative status in goats during the peripartum period. Australian Journal of Experimental Agriculture, 2008, 48, 1004.	1.0	48
561	Effects on hemodynamics and gas exchange of omega-3 fatty acid-enriched lipid emulsion in acute respiratory distress syndrome (ARDS): a prospective, randomized, double-blind, parallel group study. Lipids in Health and Disease, 2008, 7, 39.	1.2	35
562	Therapeutic Effects of <i>Teucrium polium </i> Extract on Oxidative Stress in Pancreas of Streptozotocin-Induced Diabetic Rats. Journal of Medicinal Food, 2008, 11, 525-532.	0.8	50
563	Valuation of anti-inflammatory and antinociceptive activities of Erica species native to Turkey. Journal of Ethnopharmacology, 2008, 116, 251-257.	2.0	31
564	Attenuation of acute mitochondrial dysfunction after traumatic brain injury in mice by NIM811, a non-immunosuppressive cyclosporin A analog. Experimental Neurology, 2008, 209, 243-253.	2.0	93
565	The Relationship Between Oxidative Damage and Vitamin E Concentration in Blood, Milk, and Liver Tissue from Vitamin E Supplemented and Nonsupplemented Periparturient Heifers. Journal of Dairy Science, 2008, 91, 977-987.	1.4	60

#	Article	IF	CITATIONS
566	Thorium-induced oxidative stress mediated toxicity in mice and its abrogation by Diethylenetriamine pentaacetate. International Journal of Radiation Biology, 2008, 84, 337-349.	1.0	42
567	Effect of Auricular Pellet Acupressure on Antioxidative Systems in High-Risk Diabetes Mellitus. Journal of Alternative and Complementary Medicine, 2008, 14, 303-307.	2.1	20
568	Effects of exposure to 50 Hz electric field at different strengths on oxidative stress and antioxidant enzyme activities in the brain tissue of guinea pigs. International Journal of Radiation Biology, 2008, 84, 581-590.	1.0	16
569	Oxidative Stress and Proinflammatory Cytokine Levels are Increased in Premature Neonates of Preeclamptic Mothers with HELLP Syndrome. Neonatology, 2008, 94, 138-142.	0.9	21
570	Human ApoD, an apolipoprotein up-regulated in neurodegenerative diseases, extends lifespan and increases stress resistance in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7088-7093.	3.3	89
571	<i>In Vitro</i> Antioxidant Activity of Three <i>Piper</i> Species. Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals, 2008, 7, 49-64.	0.1	19
572	Exercise-Induced Oxidative Stress: Cellular Mechanisms and Impact on Muscle Force Production. Physiological Reviews, 2008, 88, 1243-1276.	13.1	1,784
573	The Comparison of Thiobarbituric Acid Reactive Substances (TBARS) Concentrations in Plasma and Serum from Dairy Cattle. Journal of Veterinary Medical Science, 2008, 70, 107-110.	0.3	6
574	Metal Ion Levels in the Blood of Patients After Hip Resurfacing: A Comparison Between Twenty-eight and Thirty-six-Millimeter-Head Metal-on-Metal Prostheses. Journal of Bone and Joint Surgery - Series A, 2008, 90, 142-148.	1.4	129
575	Oxidative Damage of Workers in Secondary Metal Recovery Plants Affected by Smoking Status and Joining the Smelting Work. Industrial Health, 2008, 46, 174-182.	0.4	18
576	Vitamin A and Vitamin E Isoforms Stability and Peroxidation Potential of All-In-One Admixtures for Parenteral Nutrition. International Journal for Vitamin and Nutrition Research, 2008, 78, 156-166.	0.6	12
577	Body weight loss in beef cows: II. Increased antioxidant messenger ribonucleic acid levels in skeletal muscle but not erythrocyte antioxidant activity. Journal of Animal Science, 2009, 87, 2867-2873.	0.2	5
578	Implications for Degenerative Disorders: Antioxidative Activity, Total Phenols, Flavonoids, Ascorbic Acid, β-Carotene and β-Tocopherol in <i>Aloe vera</i> . Oxidative Medicine and Cellular Longevity, 2009, 2, 99-106.	1.9	96
579	Oxidative Stress and Antioxidant Status in Neonates Born to Pre-eclamptic Mother. Journal of Tropical Pediatrics, 2009, 55, 363-367.	0.7	42
580	Medium Osmolarity and Pericellular Matrix Development Improves Chondrocyte Survival When Photoencapsulated in Poly(Ethylene Glycol) Hydrogels at Low Densities. Tissue Engineering - Part A, 2009, 15, 3037-3048.	1.6	16
581	Ethane and <i>n < /i>-pentane in exhaled breath are biomarkers of exposure not effect. Biomarkers, 2009, 14, 17-25.</i>	0.9	38
582	Comparative studies on chlorpyrifos and methyl parathion induced oxidative stress in different parts of rat brain: Attenuation by antioxidant vitamins. Pesticide Biochemistry and Physiology, 2009, 95, 152-158.	1.6	41
583	Status of Lipid Peroxidation, Antioxidants, and Oxidation Products of Nitric Oxide in Equine Babesiosis: Status of Antioxidant and Oxidant in Equine Babesiosis. Journal of Equine Veterinary Science, 2009, 29, 743-747.	0.4	31

#	Article	IF	CITATIONS
584	Free Radicals and Antioxidants: A Personal View. Nutrition Reviews, 1994, 52, 253-265.	2.6	764
585	Glutathione: A key player in autoimmunity. Autoimmunity Reviews, 2009, 8, 697-701.	2.5	185
586	Antioxidant activity of l-adrenaline: A structure–activity insight. Chemico-Biological Interactions, 2009, 179, 71-80.	1.7	228
587	Comparative study on the gastroprotective potential of some antidepressants in indomethacin-induced ulcer in rats. Chemico-Biological Interactions, 2009, 180, 318-324.	1.7	61
588	Resveratrol prevents memory deficits and the increase in acetylcholinesterase activity in streptozotocin-induced diabetic rats. European Journal of Pharmacology, 2009, 610, 42-48.	1.7	199
589	Evaluation of redox and bioenergetics states in the liver of vitamin A-treated rats. European Journal of Pharmacology, 2009, 610, 99-105.	1.7	14
590	Myocardial salvaging effect of telmisartan in experimental model of myocardial infarction. European Journal of Pharmacology, 2009, 619, 75-84.	1.7	25
591	Preservation of cardiac contractility after long-term therapy with oxypurinol in post-ischemic heart failure in mice. European Journal of Pharmacology, 2009, 621, 71-77.	1.7	10
592	Co-supplementation of single and multi doses of vitamins C and E ameliorates cisplatin-induced acute renal failure in mice. Experimental and Toxicologic Pathology, 2009, 61, 565-571.	2.1	46
593	Effect of Ganoderma lucidum on the activities of mitochondrial dehydrogenases and complex I and II of electron transport chain in the brain of aged rats. Experimental Gerontology, 2009, 44, 219-223.	1.2	37
594	Realâ€time molecular assessment on oxidative injury of single cells using Raman spectroscopy. Journal of Raman Spectroscopy, 2009, 40, 1194-1199.	1.2	24
595	Lipid peroxidation in cats experimentally infected with Trypanosoma evansi. Parasitology Research, 2009, 106, 157-161.	0.6	6
596	Ganoderma lucidum (Fr.) P. Karst enhances activities of heart mitochondrial enzymes and respiratory chain complexes in the aged rat. Biogerontology, 2009, 10, 627-636.	2.0	44
597	Docosahexaenoic Acid Ethyl Ester Enhances 6-Hydroxydopamine-Induced Neuronal Damage by Induction of Lipid Peroxidation in Mouse Striatum. Neurochemical Research, 2009, 34, 1299-1303.	1.6	22
598	Survival of Freeze-dried Leuconostoc mesenteroides and Lactobacillus plantarum Related to Their Cellular Fatty Acids Composition during Storage. Applied Biochemistry and Biotechnology, 2009, 157, 70-84.	1.4	17
599	Aspirin prevents diabetic oxidative changes in rat lacrimal gland structure and function. Endocrine, 2009, 35, 189-197.	1.1	12
600	Inhibition of lipid peroxidation by extracts/subfractions of Chickrassy (Chukrasia tabularis A. Juss.). Die Naturwissenschaften, 2009, 96, 129-133.	0.6	9
601	Low level and sub-chronic exposure to methylmercury induces hypertension in rats: nitric oxide depletion and oxidative damage as possible mechanisms. Archives of Toxicology, 2009, 83, 653-662.	1.9	64

#	Article	IF	CITATIONS
602	Pigmentation, carotenoids, lipid peroxides and lipid composition of red porgy (<i>Pagrus pagrus</i> skin reared under open-cage conditions. Aquaculture Research, 2009, 41, 1043.	0.9	4
603	Formulation of multifunctional oil-in-water nanosized emulsions for active and passive targeting of drugs to otherwise inaccessible internal organs of the human body. International Journal of Pharmaceutics, 2009, 381, 62-76.	2.6	48
604	Oxidative stress in blood of camels (Camelus dromedaries) naturally infected with Trypanosoma evansi. Veterinary Parasitology, 2009, 162, 192-199.	0.7	107
605	Lipid peroxidation associated with anemia in rats experimentally infected with Trypanosoma evansi. Veterinary Parasitology, 2009, 165, 41-46.	0.7	66
606	Evidence against a role of ketone bodies in the generation of oxidative stress in human erythrocytes by the application of reliable methods for thiol redox form detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3467-3474.	1.2	8
607	Metabolic biomarkers related to oxidative stress and antioxidant status in Saudi autistic children. Clinical Biochemistry, 2009, 42, 1032-1040.	0.8	185
608	5-Lipoxygenase plays a role in the control of parasite burden and contributes to oxidative damage of erythrocytes in murine Chagas' disease. Immunology Letters, 2009, 123, 38-45.	1.1	14
609	Antioxidant effect of propolis against exposure to propetamphos in rats. Ecotoxicology and Environmental Safety, 2009, 72, 909-915.	2.9	80
610	Effects of sodium fluoride exposure on some biochemical parameters in mice: Evaluation of the ameliorative effect of royal jelly applications on these parameters. Food and Chemical Toxicology, 2009, 47, 1184-1189.	1.8	50
611	Mutual anti-oxidative effect of gossypol acetic acid and gossypol–iron complex on hepatic lipid peroxidation in male rats. Food and Chemical Toxicology, 2009, 47, 2735-2741.	1.8	22
612	Effects of some quinolone antibiotics on malondialdehyde levels and catalase activity in chicks. Food and Chemical Toxicology, 2009, 47, 2821-2823.	1.8	14
613	Oxidative Stress and Nutritional Intakes in Lung Patients With Bronchiolitis Obliterans Syndrome. Transplantation Proceedings, 2009, 41, 3838-3844.	0.3	13
614	Ricinodendron heutelotii (Bail.) or Tetracarpidium conophorum MÃ $^1\!/\!4$ ll. oils fed to male rats lower blood lipids. Nutrition Research, 2009, 29, 503-509.	1.3	21
615	Erythrocytic oxidative damage in crossbred cattle naturally infected with Babesia bigemina. Research in Veterinary Science, 2009, 86, 43-48.	0.9	55
616	Lipid oxidation in fish meal stored under different conditions on growth, feed efficiency and hepatopancreatic cells of black tiger shrimp (Penaeus monodon). Aquaculture, 2009, 286, 283-289.	1.7	25
617	Antioxidant and cholesterol assimilation activities of selected lactobacilli and lactococci cultures. Journal of Dairy Research, 2009, 76, 385-391.	0.7	29
618	Oxidative stress and human diseases: Origin, link, measurement, mechanisms, and biomarkers. Critical Reviews in Clinical Laboratory Sciences, 2009, 46, 241-281.	2.7	348
619	Oxidative stress and monooxygenase liver function in patients with coronary heart disease and multiple organ dysfunction syndrome. European Journal of Anaesthesiology, 2009, 26, 140-146.	0.7	3

#	Article	IF	CITATIONS
620	Early Inhibition of Prostaglandin Synthesis by n-3 Fatty Acids Determinates Histologic Severity of Necrotizing Pancreatitis. Pancreas, 2009, 38, 436-441.	0.5	9
621	Effects of Indoor, Outdoor, and Personal Exposure to Particulate Air Pollution on Cardiovascular Physiology and Systemic Mediators in Seniors. Journal of Occupational and Environmental Medicine, 2009, 51, 1088-1098.	0.9	100
622	In vitro and In vivo Antioxidant Activity of Aphanamixis polystachya Bark. American Journal of Infectious Diseases, 2009, 5, 60-67.	0.1	30
623	Long-term moderate intervention with n-3 long-chain PUFA-supplemented dairy products: effects on pathophysiological biomarkers in patients with rheumatoid arthritis. British Journal of Nutrition, 2009, 101, 1517.	1.2	61
624	Gastroprotective and Antioxidant Effects of Opipramol on Indomethacin-induced Ulcers in Rats. Yakugaku Zasshi, 2009, 129, 861-869.	0.0	5
625	Therapeutic Influence of Zinc and Ascorbic Acid Against Lead induced Biochemical Alterations. Therapie, 2009, 64, 383-388.	0.6	7
626	Association of iron overload based quantitative T2* MRI technique and carotid intima-media thickness in patients with beta-thalassemia: A cross-sectional study. BMC Cardiovascular Disorders, 2010, 10, 62.	0.7	12
627	<i>n</i> -6 Fatty acids and cardiovascular health: a review of the evidence for dietary intake recommendations. British Journal of Nutrition, 2010, 104, 788-796.	1.2	127
628	Dietary Antioxidants and Oxidative Stress from a Human and Plant Perspective: A Review. Current Nutrition and Food Science, 2010, 6, 2-12.	0.3	114
629	Preventive effect of rutin, a bioflavonoid, on lipid peroxides and antioxidants in isoproterenol-induced myocardial infarction in rats. Journal of Pharmacy and Pharmacology, 2010, 58, 701-707.	1.2	68
630	Chemistry and biochemistry of lipid peroxidation products. Free Radical Research, 2010, 44, 1098-1124.	1.5	425
632	Extraction optimization of antioxidant polysaccharides from the fruiting bodies of Chroogomphis rutilus (Schaeff.: Fr.) O.K. Miller by Box-Behnken statistical design. Carbohydrate Polymers, 2010, 82, 209-214.	5.1	39
633	Separate and combined effects of heat stress and exercise on circulatory markers of oxidative stress in euhydrated humans. European Journal of Applied Physiology, 2010, 110, 953-960.	1.2	27
634	Mitochondrial transcription factor B1 is required for mitochondrial function and oxidative stress resistance in Drosophila. Genes and Genomics, 2010, 32, 455-461.	0.5	1
635	Persistent facial pain increases superoxide anion production in the spinal trigeminal nucleus. Molecular and Cellular Biochemistry, 2010, 339, 149-154.	1.4	17
636	Effects of water stress on photosynthetic activity, dry mass partitioning and some associated metabolic changes in four provenances of neem (Azadirachta indica A. Juss). Photosynthetica, 2010, 48, 361-369.	0.9	15
637	Modulating effect of atorvastatin on paraoxonase 1 activity in type 2 diabetic Egyptian patients with or without nephropathy. Journal of Diabetes and Its Complications, 2010, 24, 325-333.	1.2	21
638	Preventive effect of crocin of Crocus sativus on hemodynamic, biochemical, histopathological and ultrastuctural alterations in isoproterenol-induced cardiotoxicity in rats. Phytomedicine, 2010, 17, 227-232.	2.3	145

#	Article	IF	CITATIONS
639	Effect of exercise training on respiration and reactive oxygen species metabolism in eel red muscle. Respiratory Physiology and Neurobiology, 2010, 172, 201-205.	0.7	14
640	Silymarin protects PBMC against B(a)P induced toxicity by replenishing redox status and modulating glutathione metabolizing enzymes—An in vitro study. Toxicology and Applied Pharmacology, 2010, 247, 116-128.	1.3	36
641	Effects of plane of nutrition on oxidative stress in goats during the peripartum period. Veterinary Journal, 2010, 184, 95-99.	0.6	74
642	Cardioprotective effect of  Khamira Abresham Hakim Arshad Wala' a Unani formulation in isoproterenol-induced myocardial necrosis in rats. Experimental and Toxicologic Pathology, 2010, 62, 61-74.	2.1	26
643	Influence of thyroid dysfunction on liver lipid peroxidation and antioxidant status in experimental rats. Experimental and Toxicologic Pathology, 2010, 62, 301-310.	2.1	90
644	Radical scavenging abilities and hepatoprotective effect of [N, N′-Bis (salicylidene) ethane-1, 2-diaminato] oxovanadium (IV) complex in CCl4-treated rats. Experimental and Toxicologic Pathology, 2010, 62, 533-538.	2.1	9
645	FTâ€IR spectroscopy in diagnosis of diabetes in rat animal model. Journal of Biophotonics, 2010, 3, 621-631.	1.1	68
646	Time course of skeletal muscle loss and oxidative stress in rats with walker 256 solid tumor. Muscle and Nerve, 2010, 42, 950-958.	1.0	63
647	A review of the mechanisms and modeling of photocatalytic disinfection. Applied Catalysis B: Environmental, 2010, 98, 27-38.	10.8	531
648	New heteroaryl nitrones with spin trap properties: Identification of a 4-furoxanyl derivative with excellent properties to be used in biological systems. Bioorganic and Medicinal Chemistry, 2010, 18, 795-802.	1.4	25
649	Purification, composition analysis and antioxidant activity of different polysaccharide conjugates (APPs) from the fruiting bodies of Auricularia polytricha. Carbohydrate Polymers, 2010, 82, 299-304.	5.1	65
650	Determination of lipid and protein hydroperoxides using the fluorescent probe diphenyl-1-pyrenylphosphine. Food Chemistry, 2010, 123, 892-900.	4.2	8
651	Mitochondrial protection after traumatic brain injury by scavenging lipid peroxyl radicals. Journal of Neurochemistry, 2010, 114, 271-280.	2.1	99
652	Redox signaling in inflammation: interactions of endogenous electrophiles and mitochondria in cardiovascular disease. Annals of the New York Academy of Sciences, 2010, 1203, 45-52.	1.8	72
653	Therapeutic Uses of Drug-Carrier Systems for Imidazole-Containing Dipeptide Compounds That Act as Pharmacological Chaperones and Have Significant Impact on the Treatment of Chronic Diseases Associated With Increased Oxidative Stress and the Formation of Advanced Glycation End Products. Critical Reviews in Therapeutic Drug Carrier Systems, 2010, 27, 85-154.	1.2	14
654	Malondialdehyde levels in serum of dogs infected with Babesia canis. Veterinarni Medicina, 2010, 55, 163-171.	0.2	33
655	Effect of High Fat Diet Without Cholesterol Supplementation on Oxidative Stress and Lipid Peroxidation in New Zealand White Rabbits. Journal of Atherosclerosis and Thrombosis, 2010, 17, 213-218.	0.9	12
656	Nephroprotection of lacidipine against gentamycin-induced nephrotoxicity in albino rats. Journal of Experimental Pharmacology, 2010, 2, 59.	1.5	2

#	Article	IF	Citations
657	The role of oxidative stress in small ruminants' health and production. Revista Brasileira De Zootecnia, 2010, 39, 348-363.	0.3	136
658	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
659	The antioxidant edaravone attenuates ER-stress-mediated cardiac apoptosis and dysfunction in rats with autoimmune myocarditis. Free Radical Research, 2010, 44, 1082-1090.	1.5	34
660	Antimicrobial activity of the extracts and physalin D from (i>Physalis alkekengi (i>and evaluation of antioxidant potential of physalin D. Pharmaceutical Biology, 2010, 48, 142-150.	1.3	69
661	A Possible Neuroprotective Action of a Vinylic Telluride against Mn-Induced Neurotoxicity. Toxicological Sciences, 2010, 115, 194-201.	1.4	66
662	Interplay between Structure and Fluidity of Model Lipid Membranes under Oxidative Attack. Journal of Physical Chemistry B, 2010, 114, 15642-15649.	1.2	48
663	Pathological, biochemical and haematological investigations on the protective effect of \hat{l} ±-lipoic acid in experimental aflatoxin toxicosis in chicks. British Poultry Science, 2010, 51, 132-141.	0.8	25
664	Caterpillar- and Salivary-Specific Modification of Plant Proteins. Journal of Proteome Research, 2010, 9, 5887-5895.	1.8	30
665	Transitional metal ions induced damage to biomolecules: role of ferryl and perferryl radicals. Asian Pacific Journal of Tropical Medicine, 2010, 3, 32-35.	0.4	0
666	Phase-Dependent Lateral Diffusion of α-Tocopherol in DPPC Liposomes Monitored by Fluorescence Quenching. Langmuir, 2010, 26, 14723-14729.	1.6	12
667	The preparation and antioxidant activity of 2-[phenylhydrazine (or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Td (47, 93-97.	hydrazine) 3.6	
668	Effect of Therapeutic Pulsed Ultrasound on Lipoperoxidation and Fibrogenesis in an Animal Model of Wound Healing. Journal of Surgical Research, 2010, 161, 168-171.	0.8	18
669	Antioxidant and hepatoprotective activity of ethanol extract of Arachniodes exilis (Hance) Ching. Journal of Ethnopharmacology, 2010, 129, 232-237.	2.0	53
670	Antioxidant, free radical scavenging, anti-inflammatory and hepatoprotective potential of the extract from Parathelypteris nipponica (Franch. et Sav.) Ching. Journal of Ethnopharmacology, 2010, 130, 521-528.	2.0	99
671	Effect of chronic intake of arsenic-contaminated water on blood oxidative stress indices in cattle in an arsenic-affected zone. Ecotoxicology and Environmental Safety, 2010, 73, 1327-1332.	2.9	51
672	A synopsis of the process of lipid peroxidation since the discovery of the essential fatty acids. Biochemical and Biophysical Research Communications, 2010, 399, 318-323.	1.0	90
673	Polyphenol contents and antioxidant activity of lyophilized aqueous extract of propolis from Erzurum, Turkey. Food and Chemical Toxicology, 2010, 48, 2227-2238.	1.8	331
674	Mastication overload causes an increase in O2â° production into the subnucleus oralis of the spinal trigeminal nucleus. Neuroscience, 2010, 166, 416-421.	1.1	35

#	Article	IF	CITATIONS
675	Inhibitory effect of melatonin on lung oxidative stress induced by respiratory syncytial virus infection in mice. Journal of Pineal Research, 2010, 48, 109-116.	3.4	81
676	Long-chain and very long-chain polyunsaturated fatty acids in ocular aging and age-related macular degeneration. Journal of Lipid Research, 2010, 51, 3217-3229.	2.0	127
677	Vitamin E supplementation during the dry period in dairy cattle. Part II: Oxidative stress following vitamin E supplementation may increase clinical mastitis incidence postpartum. Journal of Dairy Science, 2010, 93, 5696-5706.	1.4	54
678	Flow Cytometric Analysis of the Oxidative Status in Human Peripheral Blood Mononuclear Cells of Workers Exposed to Welding Fumes. Journal of Occupational and Environmental Hygiene, 2010, 7, 367-374.	0.4	24
679	Regulation of microsomal prostaglandin E2 synthase-1 and 5-lipoxygenase-activating protein/5-lipoxygenase by 4-hydroxynonenal in human osteoarthritic chondrocytes. Arthritis Research and Therapy, 2010, 12, R21.	1.6	20
680	Hematopoietic Recovery and Amelioration of Radiation-Induced Lethality by the Vitamin E Isoform Î'-Tocotrienol. Radiation Research, 2011, 175, 736-745.	0.7	44
681	Pigmented Potato Consumption Alters Oxidative Stress and Inflammatory Damage in Men,. Journal of Nutrition, 2011, 141, 108-111.	1.3	115
682	Antioxidant Activity and Inhibition of Lipid Peroxidation in Germinating Seeds of Transgenic Soybean Expressing <i>OsHGGT</i> . Journal of Agricultural and Food Chemistry, 2011, 59, 584-591.	2.4	20
683	Taurine Is More Effective than Melatonin on Cytochrome P450 2E1 and Some Oxidative Stress Markers in Streptozotocin-Induced Diabetic Rats. Journal of Agricultural and Food Chemistry, 2011, 59, 4995-5000.	2.4	15
684	Impact of fluoxetine on liver damage in rats. Pharmacological Reports, 2011, 63, 441-447.	1.5	58
685	Comparative proteomics of skeletal muscle mitochondria from myostatin-null mice. Cell Biology International Reports, 2011, 18, 35-41.	0.6	5
686	Glutathione peroxidase activity in the blood cells of psoriatic patients correlates with their responsiveness to Efalizumab. Free Radical Research, 2011, 45, 585-599.	1.5	12
687	Antioxidant Supplementation during Exercise Training. Sports Medicine, 2011, 41, 1043-1069.	3.1	251
689	Biomarkers of oxidative stress in ruminant medicine. Immunopharmacology and Immunotoxicology, 2011, 33, 233-240.	1.1	226
690	Decreased antioxidase activities and oxidative stress in the spleen of chickens fed on high-fluorine diets. Human and Experimental Toxicology, 2011, 30, 1282-1286.	1.1	39
691	Potential nutraceutical food beverage with antioxidant properties from banana plant bio-waste (pseudostem and rhizome). Food and Function, 2011, 2, 603.	2.1	31
692	Antioxidant combinations are no more beneficial than individual components in combating ram sperm oxidative stress during storage at 5°C. Animal Reproduction Science, 2011, 129, 180-187.	0.5	13
693	Oxidative stress may affect meat quality by interfering with collagen turnover by muscle fibroblasts. Food Research International, 2011, 44, 582-588.	2.9	58

#	ARTICLE	IF	CITATIONS
694	The effects of evening primrose oil on lipid peroxidation induced by subacute aflatoxin exposure in mice. Food and Chemical Toxicology, 2011, 49, 1960-1964.	1.8	51
695	Evaluation of protective effects of fish oil against oxidative damage in rats exposed to methylmercury. Ecotoxicology and Environmental Safety, 2011, 74, 487-493.	2.9	42
696	The antioxidant effect of wheat germ oil on subchronic coumaphos exposure in mice. Ecotoxicology and Environmental Safety, 2011, 74, 2119-2125.	2.9	30
697	Aflatoxin B1 and fumonisin B1 affect the oxidative status of bovine peripheral blood mononuclear cells. Toxicology in Vitro, 2011, 25, 684-691.	1.1	46
698	Notice of Retraction: Process of Studies on the Functions of Plant Polysaccharides: A Review., 2011,,.		0
699	Detection of lipid peroxidation in frozen-thawed avian spermatozoa using C11-BODIPY581/591. Theriogenology, 2011, 75, 1623-1629.	0.9	55
700	A Systematic Review of the Effect of Vitamin C Infusion and Vitamin E-Coated Membrane on Hemodialysis-Induced Oxidative Stress. , $2011, \ldots$		2
701	Effect of Distiller's Dried Grains with Solubles (DDGS) Feeding to Dairy Cows on Oxidative Status under Hot Condition. Japan Agricultural Research Quarterly, 2011, 45, 457-460.	0.1	5
702	Preventive effect of Rhododendron arboreum on cardiac markers, lipid peroxides and antioxidants in normal and isoproterenol-induced myocardial necrosis in rats. African Journal of Pharmacy and Pharmacology, 2011, 5, 755-763.	0.2	9
703	Óleos essenciais como substituintes de antibióticos promotores de crescimento em frangos de corte: perfil de soroproteÃnas e peroxidação lipÃdica. Ciencia Rural, 2011, 41, 278-284.	0.3	20
704	Protective effect of methanol extract from citrus press cakes prepared by far-infrared radiation drying on H ₂ O ₂ -mediated oxidative damage in Vero cells. Nutrition Research and Practice, 2011, 5, 389.	0.7	10
705	Oxidative Stress in Veterinary Medicine. Veterinary Medicine International, 2011, 2011, 1-1.	0.6	6
706	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
707	Effects of single-dose morning and evening administration of pravastatin on antioxidant markers in cholesterol-fed rabbits. Journal of Experimental Pharmacology, 2011, 3, 51.	1.5	5
708	Hepatoprotective Activity of Cichorium endivia L. Extract and Its Chemical Constituents. Molecules, 2011, 16, 9049-9066.	1.7	26
709	Antioxidants and the Integrity of Ocular Tissues. Veterinary Medicine International, 2011, 2011, 1-8.	0.6	46
710	Altered Glycogen Metabolism in Cultured Astrocytes from Mice with Chronic Glutathione Deficit; Relevance for Neuroenergetics in Schizophrenia. PLoS ONE, 2011, 6, e22875.	1.1	22
711	Comparative Antioxidant Properties of Some Gabaergic Phenols and Related Compounds, Determined for Homogeneous and Membrane Systems. Medicinal Chemistry, 2011, 7, 317-324.	0.7	13

#	Article	IF	CITATIONS
712	Delta-aminolevulinate dehydratase activity in red blood cells of rats infected with <i>Trypanosoma evansi < /i>. Parasitology, 2011, 138, 1272-1277.</i>	0.7	8
713	Oxidative Stress Induced in Microorganisms by Zero-valent Iron Nanoparticles. Microbes and Environments, 2011, 26, 271-281.	0.7	129
714	Effects of Guaiazulene on <i>In Vitro</i> Bovine Embryo Production and on mRNA Transcripts Related to Embryo Quality. Reproduction in Domestic Animals, 2011, 46, 862-869.	0.6	21
715	Oxidative stress in MeHg-induced neurotoxicity. Toxicology and Applied Pharmacology, 2011, 256, 405-417.	1.3	270
716	The toxicity redox mechanisms of cadmium alone or together with copper and zinc homeostasis alteration: Its redox biomarkers. Journal of Trace Elements in Medicine and Biology, 2011, 25, 171-180.	1.5	70
717	Modulation of antioxidant status and lipid peroxidation in erythrocyte by dietary supplementation during heat stress in buffaloes. Livestock Science, 2011, 138, 299-303.	0.6	26
718	Trypanosoma evansi: Ca2+ ATPase activity and lipid peroxidation in skeletal muscle from rats experimentally infected. Experimental Parasitology, 2011, 128, 377-381.	0.5	1
719	Trypanosoma evansi: Concentration of 3-nitrotyrosine in the brain of infected rats. Experimental Parasitology, 2011, 129, 27-30.	0.5	7
720	Cortical spreading depression affects reactive oxygen species production. Brain Research, 2011, 1368, 11-18.	1.1	32
721	Changes in oxidative status in periparturient dairy cows in hot conditions. Animal Science Journal, 2011, 82, 320-324.	0.6	13
722	Circulating oxidative stress status in dromedary camels infested with sarcoptic mange. Veterinary Research Communications, 2011, 35, 35-45.	0.6	42
723	Oxidative stress, inflammation and recovery of muscle function after damaging exercise: effect of 6-week mixed antioxidant supplementation. European Journal of Applied Physiology, 2011, 111, 925-936.	1.2	56
724	Evaluation of erythrocyte antioxidant mechanisms: antioxidant enzymes, lipid peroxidation, and serum trace elements associated with progressive anemia in ovine malignant theileriosis. Parasitology Research, 2011, 109, 275-281.	0.6	34
725	Prognostic significance of lipid peroxide and antioxidant levels in draft horses with peritonitis. Comparative Clinical Pathology, 2011, 20, 433-439.	0.3	1
726	Effect of a Probiotic Intake on Oxidant and Antioxidant Parameters in Plasma of Athletes During Intense Exercise Training. Current Microbiology, 2011, 62, 1689-1696.	1.0	158
727	Highly reactive oxygen species: detection, formation, and possible functions. Cellular and Molecular Life Sciences, 2011, 68, 2067-2079.	2.4	133
728	Docosahexaenoic acid withstands the $\hat{Al^2}$ 25-35-induced neurotoxicity in SH-SY5Y cells. Journal of Nutritional Biochemistry, 2011, 22, 22-29.	1.9	35
729	Evaluation of Essential Trace and Toxic Elements in Scalp Hair Samples of Smokers and Alcohol User Hypertensive Patients. Biological Trace Element Research, 2011, 143, 1349-1366.	1.9	17

#	ARTICLE	IF	CITATIONS
730	Oxidative damage induced by chromium (VI) in rat erythrocytes: protective effect of selenium. Journal of Physiology and Biochemistry, 2011, 67, 577-588.	1.3	23
731	Oxidative Stability of Lipids by Means of EPR Spectroscopy and Chemiluminescence. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 611-618.	0.8	13
732	Evaluation of Abelmoschus moschatus extracts for antioxidant, free radical scavenging, antimicrobial and antiproliferative activities using in vitro assays. BMC Complementary and Alternative Medicine, $2011, 11, 64$.	3.7	84
733	Can apricot kernels fatty acids delay the atrophied hepatocytes from progression to fibrosis in dimethylnitrosamine (DMN)-induced liver injury in rats?. Lipids in Health and Disease, 2011, 10, 114.	1.2	17
734	Protein conjugated with aldehydes derived from lipid peroxidation as an independent parameter of the carbonyl stress in the kidney damage. Lipids in Health and Disease, 2011, 10, 201.	1.2	16
735	Zingiber officinale acts as a nutraceutical agent against liver fibrosis. Nutrition and Metabolism, 2011, 8, 40.	1.3	56
736	Physical and Microbiological Characterisation of <i>Staphylococcus epidermidis</i> Inactivation by Dielectric Barrier Discharge Plasma. Plasma Processes and Polymers, 2011, 8, 278-286.	1.6	56
737	Hâ€atom acceptor capacity of free radicals used in antioxidant measurements. International Journal of Quantum Chemistry, 2011, 111, 1131-1142.	1.0	20
738	Methanol exposure does not lead to accumulation of oxidative DNA damage in bone marrow and spleen of mice, rabbits or primates. Molecular Carcinogenesis, 2011, 50, 163-172.	1.3	12
739	Antioxidant activity of N-acyl chitosan oligosaccharide with same substituting degree. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 798-800.	1.0	47
740	Photoprotection by honeybush extracts, hesperidin and mangiferin against UVB-induced skin damage in SKH-1 mice. Journal of Photochemistry and Photobiology B: Biology, 2011, 103, 126-139.	1.7	86
741	Lipid vesicles as model membranes in photocatalytic disinfection studies. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 221, 64-70.	2.0	25
742	Acetylcholinesterase activity and lipid peroxidation in the brain and spinal cord of rats infected with Trypanosoma evansi. Veterinary Parasitology, 2011, 175, 237-244.	0.7	24
743	Alterations of erythrocyte antioxidant mechanisms: Antioxidant enzymes, lipid peroxidation and serum trace elements associated with anemia in bovine tropical theileriosis. Veterinary Parasitology, 2011, 180, 209-214.	0.7	27
744	Haemoglobin-induced oxidative stress is associated with both endogenous peroxidase activity and H2O2generation from polyunsaturated fatty acids. Free Radical Research, 2011, 45, 303-316.	1.5	7
745	Depression by a Green Tea Extract of Alcohol-Induced Oxidative Stress and Lipogenesis in Rat Liver. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1668-1676.	0.6	38
746	Antioxidative properties of curcumin in the protection of blood platelets against oxidative stress in vitro. Platelets, 2011, 22, 270-276.	1.1	24
747	A Comparative Look at the Safety Profiles of Intravenous Iron Products Used in the Hemodialysis Population. Annals of Pharmacotherapy, 2011, 45, 241-247.	0.9	7

#	Article	IF	Citations
748	PPARα Expression Protects Male Mice from High Fat–Induced Nonalcoholic Fatty Liver1–3. Journal of Nutrition, 2011, 141, 603-610.	1.3	224
749	Loss of msnA, a Putative Stress Regulatory Gene, in Aspergillus parasiticus and Aspergillus flavus Increased Production of Conidia, Aflatoxins and Kojic Acid. Toxins, 2011, 3, 82-104.	1.5	88
750	<i>Teucrium polium</i> reversed the MCD diet-induced liver injury in rats. Human and Experimental Toxicology, 2011, 30, 1303-1312.	1.1	8
751	Oxidative status in the lungs associated with tobacco smoke exposure. Clinical Chemistry and Laboratory Medicine, 2011, 49, 2007-12.	1.4	23
752	The Inhibitory Effects of Fucoidans from <i>Laminaria japonica</i> on Oxidation of Human Low-Density Lipoproteins. Advanced Materials Research, 0, 236-238, 2067-2071.	0.3	6
753	Protective Effects of <i>Atractylodes macrocephala</i> Polysaccharide on Liver Ischemia–Reperfusion Injury and Its Possible Mechanism in Rats. The American Journal of Chinese Medicine, 2011, 39, 489-502.	1.5	20
754	Studies on Veterinary Medicine. Oxidative Stress in Applied Basic Research and Clinical Practice, 2011, , .	0.4	3
755	Iron as an agent of oxidative injury in experimental atherosclerosis. Acta Veterinaria, 2011, 61, 631-641.	0.2	2
756	Antihypertensive and antioxidant potential of vanillic acid, a phenolic compound in <scp>I < /scp>-NAME-induced hypertensive rats: A dose-dependence study. Redox Report, 2011, 16, 208-215.</scp>	1.4	89
757	Evaluation of protective effect of Aegle marmelos Corr. in an animal model of chronic fatigue syndrome. Indian Journal of Pharmacology, 2012, 44, 351.	0.4	17
758	Antiproliferative and antioxidant activity of Aegle marmelos (Linn.) leaves in Dalton′s Lymphoma Ascites transplanted mice. Indian Journal of Pharmacology, 2012, 44, 225.	0.4	16
759	Peripheral oxidative damage in early-stage mood disorders: a nested population-based case-control study. International Journal of Neuropsychopharmacology, 2012, 15, 1043-1050.	1.0	58
760	The Role of Endoplasmic Reticulum Ca2+-Independent Phospholipase A2γ in Oxidant-Induced Lipid Peroxidation, Ca2+ Release, and Renal Cell Death. Toxicological Sciences, 2012, 128, 544-552.	1.4	7
761	In Vitro Antioxidant Activity Potential of Lantadene A, a Pentacyclic Triterpenoid of Lantana Plants. Molecules, 2012, 17, 11185-11198.	1.7	26
762	Effect of perinatal acrylamide exposure on the liver of albino rat offspring. Egyptian Journal of Histology, 2012, 35, 371-382.	0.0	3
763	Lipoproteins as biosensors of endothelial oxidative status. Clinical Lipidology, 2012, 7, 49-63.	0.4	3
764	Estimation of Lipid Peroxidation Induced by Hydrogen Peroxide in Cultured Human Lymphocytes. Dose-Response, 2012, 10, dose-response.1.	0.7	120
765	The Systems Theory of Autistogenesis. SAGE Open, 2012, 2, 215824401244428.	0.8	4

#	Article	IF	CITATIONS
767	Effects of doxorubicin on myocardial expression of apolipoprotein-B. Scandinavian Cardiovascular Journal, 2012, 46, 93-98.	0.4	3
768	Hepatic megalocytosis due to vanadium inhalation: participation of oxidative stress. Toxicology and Industrial Health, 2012, 28, 353-360.	0.6	26
769	Modulation of Doxorubicin-Induced Oxidative Stress by a Grape (Vitis viniferal.) Seed Extract in Normal and Tumor Cells. Journal of Medicinal Food, 2012, 15, 639-645.	0.8	9
770	Oxidised fish oil does not influence established markers of oxidative stress in healthy human subjects: a randomised controlled trial. British Journal of Nutrition, 2012, 108, 315-326.	1.2	106
771	Oxidative Stress and Lipid Peroxidation Products in Cancer Progression and Therapy. ISRN Oncology, 2012, 2012, 1-21.	2.1	464
772	Effect of rumen-protected niacin on lipid metabolism, oxidative stress, and performance of transition dairy cows. Journal of Dairy Science, 2012, 95, 2673-2679.	1.4	57
773	$17\hat{l}^2\hat{a}$ \in estradiol protects human skin fibroblasts and keratinocytes against oxidative damage. Journal of the European Academy of Dermatology and Venereology, 2013, 27, 1236-1243.	1.3	32
774	Overview on aflatoxins and oxidative stress. Toxin Reviews, 2012, 31, 32-43.	1.5	84
775	Antioxidant activity of clove oil – A powerful antioxidant source. Arabian Journal of Chemistry, 2012, 5, 489-499.	2.3	312
776	Characterization of the Organic Hydroperoxide Resistance System of Brucella abortus 2308. Journal of Bacteriology, 2012, 194, 5065-5072.	1.0	21
777	Quercetin offers cardioprotection against progression of experimental autoimmune myocarditis by suppression of oxidative and endoplasmic reticulum stress via endothelin-1/MAPK signalling. Free Radical Research, 2012, 46, 154-163.	1.5	48
778	Canine visceral leishmaniasis: relationships between oxidative stress, liver and kidney variables, trace elements, and clinical status. Parasitology Research, 2012, 111, 1491-1496.	0.6	50
779	The impact of allicin on lead-induced oxidative damage in selected organs of the common carp (Cyprinus carpio). Comparative Clinical Pathology, 2012, 21, 769-775.	0.3	8
780	Impact of Oxidative Stress Indicated by Thiobarbituric Acid Reactive Substances (TBARS) and Protein Carbonyl Levels (PC) on Ethoxyresorufin-O-deethylase (EROD) Induction in Common Carp (Cyprinus) Tj ETQq1 1	0. 78 4314	- r <i>g</i> BT /Overlo
781	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
782	Beneficial Effects of Calcium Oral Coadministration in Gentamicin-Induced Nephrotoxicity in Rats. Renal Failure, 2012, 34, 622-627.	0.8	14
783	Effects of dietary oregano essential oil and vitamin E on the lipid oxidation stability of cooked chicken breast meat. Poultry Science, 2012, 91, 505-511.	1.5	31
784	Pathogenic mechanisms of Trypanosoma evansi infections. Research in Veterinary Science, 2012, 93, 13-17.	0.9	60

#	Article	IF	CITATIONS
785	Assessment of nitric oxide, advanced oxidation protein products, malondialdehyde, and thiol levels in patients with restless legs syndrome. Sleep Medicine, 2012, 13, 414-418.	0.8	37
786	Use of amides as cryoprotectants in extenders for frozen sperm of tambaqui, Colossoma macropomum. Theriogenology, 2012, 78, 244-251.	0.9	61
787	A review of the use of sonication to control cyanobacterial blooms. Water Research, 2012, 46, 4319-4329.	5.3	140
788	Effects of dietary supplementation of tea saponins (llex kudingcha C.J. Tseng) on ruminal fermentation, digestibility and plasma antioxidant parameters in goats. Animal Feed Science and Technology, 2012, 176, 163-169.	1.1	20
789	Antioxidant activities of polysaccharides from Lentinus edodes and their significance for disease prevention. International Journal of Biological Macromolecules, 2012, 50, 214-218.	3.6	103
790	Omega-3 fatty acids enhance mitochondrial superoxide dismutase activity in rat organs during post-natal development. International Journal of Biochemistry and Cell Biology, 2012, 44, 123-131.	1.2	60
791	The versatile use of exhaled volatile organic compounds in human health and disease. Journal of Breath Research, 2012, 6, 027108.	1.5	257
792	Use of Fluorescent Stainings and Flow Cytometry for Canine Semen Assessment. Reproduction in Domestic Animals, 2012, 47, 215-221.	0.6	20
793	The soy phytoestrogens genistein and daidzein as neuroprotective agents against anoxia-glucopenia and reperfusion damage in rat urinary bladder. Pharmacological Research, 2012, 66, 309-316.	3.1	17
794	Decorporation and therapeutic efficacy of liposomal-DTPA against thorium-induced toxicity in the Wistar rat. International Journal of Radiation Biology, 2012, 88, 223-229.	1.0	8
795	Antidiabetic, antihyperlipidemic and in vivo antioxidant potential of aqueous extract of Anogeissus latifolia bark in type 2 diabetic rats. Asian Pacific Journal of Tropical Disease, 2012, 2, S596-S602.	0.5	16
796	Dietary vitamin E requirements and growth performance of young-of-the-year beluga, Huso huso (L.) (Chondrostei: Acipenseridae). Archives of Polish Fisheries, 2012, 20, .	0.6	2
797	In vitro antioxidant activity of Barleria noctiflora L. f Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S716-S722.	0.5	16
798	Antioxidant and α-glucosidase inhibitory activities of Murraya koenigii leaf extracts. Pharmacognosy Journal, 2012, 4, 65-72.	0.3	10
799	Antioxidant Effects of Quercetin and Catechin Encapsulated into PLGA Nanoparticles. Journal of Nanomaterials, 2012, 2012, 1-12.	1.5	151
800	Comparison of lipids in organs of the starfish Asterias amurensis associated with different treatments. Journal of Ocean University of China, 2012, , $1.$	0.6	1
801	Drug-Induced Liver Injury. , 2012, , 417-461.		7
802	Implications of Light Energy on Food Quality and Packaging Selection. Advances in Food and Nutrition Research, 2012, 67, 25-73.	1.5	40

#	Article	IF	CITATIONS
803	Development of a multilevel approach for the evaluation of nanomaterials' toxicity. Nanomedicine, 2012, 7, 393-409.	1.7	16
804	Oxidative stress in chronic otitis media with effusion. Acta Oto-Laryngologica, 2012, 132, 1-4.	0.3	28
805	Role of selenium and zinc in the pathogenesis of food allergy in infants and young children. Archives of Medical Science, 2012, 6, 1083-1088.	0.4	24
806	Effect of iron deficiency anemia on lipid peroxidation and antioxidant systems. Journal of College of Medical Sciences-Nepal, 2012, 7, 34-43.	0.2	2
807	Antioxidant capacity of phytic acid purified from rice bran. Acta Scientiarum - Technology, 2012, 34, .	0.4	24
808	Chronic Formaldehyde-Mediated Impairments and Age-Related Dementia. , 0, , .		4
809	Effects of water reuse system on antioxidant enzymes of rainbow trout (Oncorhynchus mykiss w.,) Tj ETQq0 0	Ͻ rgBT /Ον	erlock 10 Tf 5
810	Methods of Assessment of Cryopreserved Semen. , 0, , .		15
811	Trends in the Evaluation of Lipid Peroxidation Processes. , 0, , .		4
812	Role of Lipid Peroxidation in the Pathogenesis of Age-Related Cataract. , 0, , .		3
813	The effects of a low vitamin E diet on dichloroacetate―and trichloroacetate―induced oxidative stress in the livers of mice. Journal of Biochemical and Molecular Toxicology, 2012, 26, 147-154.	1.4	0
814	Biomarkers for Cognitive Aging Part II. Biological Research for Nursing, 2012, 14, 133-138.	1.0	9
815	Low Selenium Diet Alters Cell Cycle Phase, Apoptotic Population and Modifies Oxidative Stress Markers of Spleens in Broilers. Biological Trace Element Research, 2012, 148, 182-186.	1.9	11
816	ISOLATION, CHEMICAL CHARACTERIZATION AND ANTIOXIDANT ACTIVITIES OF A WATER-SOLUBLE POLYSACCHARIDE FRACTION OF TEA (CAMELLIA SINENSIS) FLOWER. Journal of Food Biochemistry, 2012, 36, 46-55.	1.2	12
817	Hydrophilic/hydrophobic features of TiO2 nanoparticles as a function of crystal phase, surface area and coating, in relation to their potential toxicity in peripheral nervous system. Journal of Colloid and Interface Science, 2012, 369, 28-39.	5.0	93
818	Cytoprotective effect of vitamin C against gentamicin-induced acute kidney injury in rats. Experimental and Toxicologic Pathology, 2012, 64, 69-74.	2.1	40
819	Atrazine accumulation and toxic responses in maize Zea mays. Journal of Environmental Sciences, 2012, 24, 203-208.	3.2	32
820	Canine babesiosis in Europe: how many diseases?. Trends in Parasitology, 2012, 28, 99-105.	1.5	96

#	Article	IF	CITATIONS
821	Antenatal iron supplements consumed daily produce oxidative stress in contrast to weekly supplementation in Mexican non-anemic women. Reproductive Toxicology, 2012, 34, 125-132.	1.3	43
822	Influence of a marine algae supplementation on the oxidative status of plasma in dairy cows during the periparturient period. Preventive Veterinary Medicine, 2012, 103, 298-303.	0.7	33
823	Exogenous glutathione is essential in the testing of antioxidant capacity using radical-induced haemolysis. Journal of Pharmacological and Toxicological Methods, 2012, 65, 142-146.	0.3	7
824	Effects of infection intensity with Strongyloides papillosus and albendazole treatment on development of oxidative/nitrosative stress in sheep. Veterinary Parasitology, 2012, 186, 364-375.	0.7	25
825	Bicarbonate stabilizes isolated D1/D2/cytochrome b 559 complex of photosystem 2 against thermoinactivation. Biochemistry (Moscow), 2012, 77, 171-179.	0.7	2
826	Reducing lipid peroxidation for improving colour stability of beef and lamb: onâ€farm considerations. Journal of the Science of Food and Agriculture, 2012, 92, 719-729.	1.7	42
827	Excess Dietary Sodium Selenite Alters Apoptotic Population and Oxidative Stress Markers of Spleens in Broilers. Biological Trace Element Research, 2012, 145, 47-51.	1.9	9
828	Dietary Vanadium Induces Oxidative Stress in the Intestine of Broilers. Biological Trace Element Research, 2012, 145, 52-58.	1.9	23
829	Influence of Selenium on Hepatic Mitochondrial Antioxidant Capacity in Ducklings Intoxicated with Aflatoxin B1. Biological Trace Element Research, 2012, 145, 325-329.	1.9	28
830	Dietary oxidative stress and antioxidant defense with an emphasis on plant extract administration. Cell Stress and Chaperones, 2012, 17, 11-21.	1.2	106
831	Antioxidant activity of food constituents: an overview. Archives of Toxicology, 2012, 86, 345-391.	1.9	1,198
832	Eight weeks of conjugated linoleic acid supplementation has no effect on antioxidant status in healthy overweight/obese Korean individuals. European Journal of Nutrition, 2012, 51, 135-141.	1.8	19
833	Oxidative stress index may play a key role in patients with pemphigus vulgaris. Journal of the European Academy of Dermatology and Venereology, 2013, 27, 465-467.	1.3	46
834	Terazosin-induced alterations in catalase expression and lipid peroxidation in the rat seminal vesicles. Andrologia, 2013, 45, 128-134.	1.0	5
835	Dodonaea viscosa var. angustifolia leaf: New source of polysaccharide and its anti-oxidant activity. Carbohydrate Polymers, 2013, 98, 199-207.	5.1	21
836	Preventive antioxidant responses to extreme oxygen level fluctuation in a subterranean crustacean. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 299-303.	0.8	28
837	Follicular fluid hydrogen peroxide and lipid hydroperoxide in bovine antral follicles of various size, atresia, and dominance status. Journal of Assisted Reproduction and Genetics, 2013, 30, 333-340.	1.2	17
838	Dynamics of the enzymatic antioxidants during experimental caprine coccidiosis. Parasitology Research, 2013, 112, 1437-1441.	0.6	8

#	Article	IF	CITATIONS
839	Antioxidant and antiradical properties of maillard reaction products in both aqueous and ethanolic fructose-glycine oligomer solutions. Food Science and Biotechnology, 2013, 22, 831-837.	1.2	4
840	Association between tocopherol isoform composition and lipid oxidation in selected multiple edible oils. Food Research International, 2013, 52, 508-514.	2.9	47
841	The mancozeb-containing carbamate fungicide tattoo induces mild Oxidative Stress in goldfish brain, liver, and kidney. Environmental Toxicology, 2013, 29, n/a-n/a.	2.1	27
842	Lipid peroxidation and paraoxonase activity in nocturnal cyclic and sustained intermittent hypoxia. Sleep and Breathing, 2013, 17, 365-371.	0.9	17
843	The Antioxidant Activity of Coumarins and Flavonoids. Mini-Reviews in Medicinal Chemistry, 2013, 13, 318-334.	1.1	113
844	Comparison of lipids in organs of the starfish Asterias amurensis associated with different treatments. Journal of Ocean University of China, 2013, 12, 413-417.	0.6	1
845	Insights into the role of oxidative stress in the pathology of Friedreich ataxia using peroxidation resistant polyunsaturated fatty acids. Redox Biology, 2013, 1, 398-404.	3.9	76
846	Supplemental antioxidants in rabbit nutrition: A review. Livestock Science, 2013, 158, 95-105.	0.6	15
847	Hydroperoxide formation in different lean meats. Food Chemistry, 2013, 141, 2656-2665.	4.2	27
848	Involvement of free radicals in parasitic infestations. Journal of Applied Animal Research, 2013, 41, 69-76.	0.4	15
849	Sulfation of \hat{l}^2 -chitosan and evaluation of biological activity from gladius of Sepioteuthis lessoniana. International Journal of Biological Macromolecules, 2013, 62, 336-340.	3.6	9
850	Polysaccharide extraction from Malva sylvestris and its anti-oxidant activity. International Journal of Biological Macromolecules, 2013, 60, 427-436.	3.6	95
851	Evaluation of <i>In Vitro</i> Antioxidant and <i>In Vivo</i> Analgesic Potential of <i>Terminalia paniculata</i> Aqueous Bark Extract. Journal of Medicinal Food, 2013, 16, 1153-1161.	0.8	3
852	The antiproliferative effect of Moringa oleifera crude aqueous leaf extract on cancerous human alveolar epithelial cells. BMC Complementary and Alternative Medicine, 2013, 13, 226.	3.7	115
853	The addition of whole soy flour to cafeteria diet reduces metabolic risk markers in wistar rats. Lipids in Health and Disease, 2013, 12, 145.	1.2	14
854	EPA and DHA Levels in Whole Blood Decrease More Rapidly when Stored at â^'20 °C as Compared with Room Temperature, 4 and â^'75 °C. Lipids, 2013, 48, 1079-1091.	0.7	68
855	Lipid emulsions in parenteral nutrition: current applications and future developments. Expert Opinion on Drug Delivery, 2013, 10, 1533-1549.	2.4	29
856	Antioxidative potential of folate producing probiotic Lactobacillus helveticus CD6. Journal of Food Science and Technology, 2013, 50, 26-34.	1.4	88

#	Article	IF	CITATIONS
857	Presence of Cobalt and Chromium Ions in the Seminal Fluid of Young Patients With Metal-on-Metal Total Hip Arthroplasty. Journal of Arthroplasty, 2013, 28, 161-167.	1.5	13
858	Probiotics and Diabetes/Obesity. , 2013, , 307-317.		0
859	A phytopharmacological overview on Ocimum species with special emphasis on Ocimum sanctum. Biomedicine and Preventive Nutrition, 2013, 3, 185-192.	0.9	76
860	Supplementing longâ€chain n â€3 polyunsaturated fatty acids in canned wild P acific pink salmon with A laska salmon oil. Food Science and Nutrition, 2013, 1, 15-26.	1.5	3
861	Protective effect of curcumin on histopathology and ultrastructure of pancreas in the alloxan treated rats for induction of diabetes. Journal of Basic and Applied Zoology, 2013, 66, 169-179.	0.4	30
862	Effects of rumen-protected \hat{I}^3 -aminobutyric acid on feed intake, lactation performance, and antioxidative status in early lactating dairy cows. Journal of Dairy Science, 2013, 96, 3222-3227.	1.4	49
863	Antioxidant and anti-aging activities of mycelial polysaccharides from Lepista sordida. International Journal of Biological Macromolecules, 2013, 60, 355-359.	3.6	74
864	Current methods in quantifying ROS and oxidative damage in Caenorhabditis elegans and other model organism of aging. Ageing Research Reviews, 2013, 12, 918-930.	5.0	77
865	Cross-sectional associations between macronutrient intake and chronic kidney disease in a population at high cardiovascular risk. Clinical Nutrition, 2013, 32, 606-612.	2.3	33
866	Comparison of lipid and protein oxidation, total iron content and fatty acid profile of conventional and organic pork. International Journal of Food Science and Technology, 2013, 48, 2200-2206.	1.3	11
867	1,2-Diazole prevents cisplatin-induced nephrotoxicity in experimental rats. Pharmacological Reports, 2013, 65, 980-990.	1.5	30
868	Attenuation of streptozotocin-induced alterations in acetylcholinesterase and antioxidant system by S-allylcysteine in rats. Food Bioscience, 2013, 4, 31-37.	2.0	5
869	Self-Report of Fruit and Vegetable Intake that Meets the 5 A Day Recommendation Is Associated with Reduced Levels of Oxidative Stress Biomarkers and Increased Levels of Antioxidant Defense in Premenopausal Women. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 776-785.	0.4	42
870	Age-induced perturbation in cell membrane phospholipid fatty acid profile of longevity-selected Drosophila melanogaster and corresponding control lines. Experimental Gerontology, 2013, 48, 1362-1368.	1.2	14
871	Effects of chestnut tannins on performance and antioxidative status of transition dairy cows. Journal of Dairy Science, 2013, 96, 5901-5907.	1.4	71
872	Relationship between brain and liver oxidative state and maximum lifespan potential of different fish species. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 358-364.	0.8	13
873	Antioxidant and prooxidant effects of αâ€tocopherol in a linoleic acidâ€copper(II)â€ascorbate system. European Journal of Lipid Science and Technology, 2013, 115, 372-376.	1.0	22
874	Clinical and research markers of oxidative stress in chronic kidney disease. Biomarkers, 2013, 18, 103-115.	0.9	100

#	Article	IF	CITATIONS
875	Oxidant/antioxidant balance and trace elements status in sheep with liver cystic echinococcosis. Comparative Clinical Pathology, 2013, 22, 1043-1049.	0.3	12
876	Oxidative stress and cancer: An overview. Ageing Research Reviews, 2013, 12, 376-390.	5.0	1,106
877	Rutin and quercetin, bioactive compounds from tartary buckwheat, prevent liver inflammatory injury. Food and Function, 2013, 4, 794.	2.1	125
878	Detection of Oxidative Damage in Response to Protein Misfolding in the Endoplasmic Reticulum. Methods in Enzymology, 2013, 526, 231-250.	0.4	30
879	Quinoline Driven Fluorescence Turn On 1,3-Bis-calix[4]arene Conjugate-Based Receptor to Discriminate Fe ³⁺ from Fe ²⁺ . Analytical Chemistry, 2013, 85, 3707-3714.	3.2	52
880	Determination of aluminium induced metabolic changes in mice liver: A Fourier transform infrared spectroscopy study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 110, 241-248.	2.0	9
881	Preparation of phosphorylated chitosan from gladius of the squid Sepioteuthis lessoniana (Lesson,) Tj ETQq0 0 0	rgBT /Ove	rlock 10 Tf 50
882	The cytotoxic effects of Scilla nervosa (Burch.) Jessop (Hyacinthaceae) aqueous extract on cultured HepG2 cells. Journal of Ethnopharmacology, 2013, 145, 200-204.	2.0	5
883	Function of plastochromanol and other biological prenyllipids in the inhibition of lipid peroxidation—A comparative study in model systems. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 233-240.	1.4	37
884	Potential role of oxidative stress on the prescription of rehabilitation interventions in spinal cord injury. Spinal Cord, 2013, 51, 656-662.	0.9	21
885	Synthesis of 9â€Oxononanoic Acid, a Precursor for Biopolymers. ChemSusChem, 2013, 6, 2149-2156.	3.6	32
886	Current Status of Research on Fungal Bioluminescence: Biochemistry and Prospects for Ecotoxicological Application. Photochemistry and Photobiology, 2013, 89, 1318-1326.	1.3	29
887	A review on antioxidants, prooxidants and related controversy: Natural and synthetic compounds, screening and analysis methodologies and future perspectives. Food and Chemical Toxicology, 2013, 51, 15-25.	1.8	1,185
888	Experimental diabetes treated with trigonelline: effect on \hat{l}^2 cell and pancreatic oxidative parameters. Fundamental and Clinical Pharmacology, 2013, 27, 279-287.	1.0	104
889	Interaction of porcine circovirus type 2 replication with intracellular redox status <i>in vitro</i> . Redox Report, 2013, 18, 186-192.	1.4	24
890	The Role of Free Radicals in Traumatic Brain Injury. Biological Research for Nursing, 2013, 15, 253-263.	1.0	43
891	Synthesis, Characterization, and BSA Binding Studies of Some New Benzamides Related to Schiff Base. ISRN Organic Chemistry, 2013, 2013, 1-12.	1.0	15
892	The Inflammatory Response to Ruptured Abdominal Aortic Aneurysm Is Altered by Endovascular Repair. International Journal of Vascular Medicine, 2013, 2013, 1-7.	0.4	6

#	Article	IF	CITATIONS
893	Mulberry Leaf Diet Protects Against Progression of Experimental Autoimmune Myocarditis to Dilated Cardiomyopathy Via Modulation of Oxidative Stress and ⟨scp⟩MAPK⟨/scp⟩â€Mediated Apoptosis. Cardiovascular Therapeutics, 2013, 31, 352-362.	1.1	24
894	Evaluation of lipid damage related to pathological and physiological conditions. Drug and Chemical Toxicology, 2013, 36, 306-312.	1.2	25
895	A Novel Astaxanthin-Binding Photooxidative Stress-Inducible Aqueous Carotenoprotein from a Eukaryotic Microalga Isolated from Asphalt in Midsummer. Plant and Cell Physiology, 2013, 54, 1027-1040.	1.5	36
896	Remote delivery of hydroxyl radicals via secondary chemistry of a nonthermal plasma effluent. Biotechnology and Bioengineering, 2013, 110, 1936-1944.	1.7	21
897	Thimerosal in childhood vaccines contributes to accumulating mercury toxicity in the kidney. Toxicological and Environmental Chemistry, 2013, 95, 1424-1447.	0.6	4
898	Induction of apoptosis in cancer cells by NiZn ferrite nanoparticles through mitochondrial cytochrome C release. International Journal of Nanomedicine, 2013, 8, 4115.	3.3	34
899	Effect of Vitamin E and Zinc Supplementation on Energy Metabolites, Lipid Peroxidation, and Milk Production in Peripartum Sahiwal Cows. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1569-1576.	2.4	32
900	Possible Anti-oxidant Effect of Lamotrigine in Nucleus Accumbens of Mice Exposed to Picrotoxin. Journal of Neurological Disorders, 2013, 01, .	0.1	0
901	Comparing Different Solvent Extracts of Rhus semialata var. roxburghiana Stem against Ferrous Ion-Induced Lipid Peroxidation in Mice Liver Mitochondria. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	0
902	Hibernating Little Brown Myotis (Myotis lucifugus) Show Variable Immunological Responses to White-Nose Syndrome. PLoS ONE, 2013, 8, e58976.	1.1	47
903	The Association between Splenocyte Apoptosis and Alterations of Bax, Bcl-2 and Caspase-3 mRNA Expression, and Oxidative Stress Induced by Dietary Nickel Chloride in Broilers. International Journal of Environmental Research and Public Health, 2013, 10, 7310-7326.	1.2	57
904	Markers of Oxidative Stress during Diabetes Mellitus. Journal of Biomarkers, 2013, 2013, 1-8.	1.0	313
905	Enhanced 4-Hydroxynonenal Resistance in <i>KEAP1</i> Silenced Human Colon Cancer Cells. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-16.	1.9	19
906	Effects of Single Exposure of Sodium Fluoride on Lipid Peroxidation and Antioxidant Enzymes in Salivary Glands of Rats. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	1.9	21
907	Reactive Oxygen Species, Lipid Peroxidation and Antioxidative Defense Mechanism. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2013, 41, 44.	0.5	104
908	The Positive and Negative Aspects of Reactive Oxygen Species in Sports Performance. , 2013, , .		3
909	Investigation of Antioxidant and Hepatoprotective Activity of Standardized <i>Curcuma xanthorrhiza </i> Rhizome in Carbon Tetrachloride-Induced Hepatic Damaged Rats. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	21
910	Antioxidant Properties of (i>Berberis aetnensis (i>C. Presl (Berberidaceae) Roots Extract and Protective Effects on Astroglial Cell Cultures. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	9

#	Article	IF	CITATIONS
911	Purification of Alaskan Walleye Pollock (Gadus chalcogrammus) and New Zealand Hoki (Macruronus) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
912	Bactericidal effect of hydroxyl radicals generated from a low concentration hydrogen peroxide with ultrasound in endodontic treatment. Journal of Clinical Biochemistry and Nutrition, 2014, 54, 161-165.	0.6	49
913	Relationship between testicular lesion and hormone levels in male rats infected with Trypanosoma evansi. Anais Da Academia Brasileira De Ciencias, 2014, 86, 1537-1546.	0.3	4
914	The Effects of Mixtures of Dichloroacetate and Trichloroacetate on Induction of Oxidative Stress in Livers of Mice After Subchronic Exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 313-323.	1.1	20
915	Organophosphorous compounds and oxidative stress: a review. Toxicological and Environmental Chemistry, 2014, 96, 681-698.	0.6	9
916	Saikosaponin-D Attenuates Heat Stress-Induced Oxidative Damage in LLC-PK ₁ Cells by Increasing the Expression of Anti-Oxidant Enzymes and HSP72. The American Journal of Chinese Medicine, 2014, 42, 1261-1277.	1.5	44
917	Oxidative stress and mitochondrial dysfunction in Kindler syndrome. Orphanet Journal of Rare Diseases, 2014, 9, 211.	1.2	20
918	Consumption of <i>Mesona chinensis</i> /i> Attenuates Postprandial Glucose and Improves Antioxidant Status Induced by a High Carbohydrate Meal in Overweight Subjects. The American Journal of Chinese Medicine, 2014, 42, 315-336.	1.5	28
919	Enhancing the Health-Promoting Effects of Tomato Fruit for Biofortified Food. Mediators of Inflammation, 2014, 2014, 1-16.	1.4	189
920	Effect of vitamin E and zinc on cellular antioxidant enzymes in Karan Fries cows during transition period. Indian Journal of Animal Research, 2014, 48, 109.	0.0	5
921	Mechanisms Linking Excess Adiposity and Carcinogenesis Promotion. Frontiers in Endocrinology, 2014, 5, 65.	1,5	110
922	Lipid Peroxidation. , 2014, , 89-93.		11
923	Pathophysiology and Biomarkers in Acute Ischemic Stroke – A Review. Tropical Journal of Pharmaceutical Research, 2014, 12, 1097.	0.2	19
924	Comparison of flunixin meglumine and meloxicam influence on postoperative and oxidative stress in ovariohysterectomized bitches. Polish Journal of Veterinary Sciences, 2014, 17, 493-499.	0.2	11
925	Resistance to oxidative stress shows low heritability and high common environmental variance in a wild bird. Journal of Evolutionary Biology, 2014, 27, 1990-2000.	0.8	23
926	A Case–Control Study Examining the Effects of Active Versus Sedentary Lifestyles on Measures of Body Iron Burden and Oxidative Stress in Postmenopausal Women. Biological Research for Nursing, 2014, 16, 38-45.	1.0	18
927	Influence of Compression Garments on Recovery After Marathon Running. Journal of Strength and Conditioning Research, 2014, 28, 2228-2235.	1.0	51
928	Antihyperlipidemic and Antioxidant Potential of <i>Paeonia emodi</i> Royle against High-Fat Diet Induced Oxidative Stress. ISRN Pharmacology, 2014, 2014, 1-7.	1.6	15

#	Article	IF	CITATIONS
929	Antioxidant and methyl donor effects of betaine versus ethanol-induced oxidative stress in the rat liver. Comparative Clinical Pathology, 2014, 23, 161-168.	0.3	26
930	Oxidative stress in the gill tissues of goldfishes (Carassius auratus) parasitized by Dactylogyrus spp. Journal of Parasitic Diseases, 2014, 38, 269-272.	0.4	12
931	Antioxidant activity of 3,4,5-trihydroxyphenylacetamide derivatives. Archives of Pharmacal Research, 2014, 37, 324-331.	2.7	2
932	Miroestrol, a phytoestrogen from Pueraria mirifica, improves the antioxidation state in the livers and uteri of \hat{l}^2 -naphthoflavone-treated mice. Journal of Natural Medicines, 2014, 68, 173-180.	1.1	10
933	Mineralogical variables that control the antibacterial effectiveness of a natural clay deposit. Environmental Geochemistry and Health, 2014, 36, 613-631.	1.8	56
934	Cellular membrane accommodation of copper-induced oxidative conditions in the coral Seriatopora caliendrum. Aquatic Toxicology, 2014, 148, 1-8.	1.9	18
935	Conventional and Nonâ€conventional Edible Oils: An Indian Perspective. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 179-206.	0.8	19
936	Antioxidant Chinese yam polysaccharides and its pro-proliferative effect on endometrial epithelial cells. International Journal of Biological Macromolecules, 2014, 66, 81-85.	3.6	69
937	Genotoxic and biochemical effects of atrazine and Roundup \hat{A}^{\circledast} , alone and in combination, on the Asian clam Corbicula fluminea. Ecotoxicology and Environmental Safety, 2014, 100, 7-14.	2.9	64
938	Appraisal of antioxidant, anti-hemolytic and DNA shielding potentialities of chitosaccharides produced innovatively from shrimp shell by sequential treatment with immobilized enzymes. Food Chemistry, 2014, 158, 325-334.	4.2	17
939	Toxic effect of essential oils (Copaifera spp) in the treatment of mice experimentally infected with Trypanosoma evansi. Biomedicine and Preventive Nutrition, 2014, 4, 319-324.	0.9	5
940	Effects of Dietary Supplementation with Vitamin C and Vitamin E and Their Combination on Growth Performance, Some Biochemical Parameters, and Oxidative Stress Induced by Copper Toxicity in Broilers. Biological Trace Element Research, 2014, 158, 186-196.	1.9	38
941	Fluorescence probing of the ferric Fenton reaction via novel chelation. Chemical Communications, 2014, 50, 359-361.	2.2	31
942	Redispersible liposomal-N-acetylcysteine powder for pulmonary administration: Development, in vitro characterization and antioxidant activity. European Journal of Pharmaceutical Sciences, 2014, 65, 174-182.	1.9	38
943	Copper and selenium: Auxiliary measure to control infection by Haemonchus contortus in lambs. Experimental Parasitology, 2014, 144, 39-43.	0.5	16
944	ESR study of the spin adducts of three analogues of DEPMPO substituted at C4or C3. RSC Advances, 2014, 4, 11610-11623.	1.7	1
945	Evaluation of antioxidant status, oxidative stress and serum trace mineral levels associated with Babesia ovis parasitemia in sheep. Veterinary Parasitology, 2014, 205, 38-45.	0.7	24
946	Survival kit of Saccharomyces cerevisiae for anhydrobiosis. Applied Microbiology and Biotechnology, 2014, 98, 8821-8834.	1.7	78

#	Article	IF	CITATIONS
947	Green tea: A novel functional food for the oral health of older adults. Geriatrics and Gerontology International, 2014, 14, 238-250.	0.7	57
948	Circulating oxidative stress parameters in pre- and post-menopausal healthy women and in women suffering from breast cancer treated or not with neoadjuvant chemotherapy. Experimental Gerontology, 2014, 58, 34-42.	1.2	23
950	Enhanced Cardiovascular Risk and Altered Oxidative Status in Elders with Moderate Excessive Body Fat. Rejuvenation Research, 2014, 17, 334-340.	0.9	12
951	Sodium fluoride induced antioxidant defense impairment and impaired renal biomarkers and the ameliorative role of selenium and curcumin in male mice. Asian Pacific Journal of Tropical Disease, 2014, 4, S990-S997.	0.5	9
953	Characterization of the effects of a polyunsaturated fatty acid (PUFA) on mitochondrial bioenergetics of chronologically aged yeast. Journal of Bioenergetics and Biomembranes, 2014, 46, 205-220.	1.0	9
954	Hazard assessment of W and Mo sulphide nanomaterials for automotive use. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	15
955	Treatment with essential oil of Achyrocline satureioides in rats infected with Trypanosoma evansi: Relationship between protective effect and tissue damage. Pathology Research and Practice, 2014, 210, 1068-1074.	1.0	35
956	Chemical Properties, Environmental Fate, and Degradation of Seven Classes of Pollutants. Chemical Research in Toxicology, 2014, 27, 713-737.	1.7	91
957	Selenium levels in early weaning diets for gilthead seabream larvae. Aquaculture, 2014, 426-427, 256-263.	1.7	40
958	Antioxidant Activity of Soybean Oil Containing 4â€ V inylsyringol Obtained from Decarboxylated Sinapic Acid. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 1543-1550.	0.8	17
959	Energy Metabolites, Lipid Variables and Lactation Performance of Periparturient Murrah Buffaloes (Bubalus bubalis) Fed on Diet Supplemented with Inorganic Chromium. Biological Trace Element Research, 2014, 159, 115-127.	1.9	8
960	Comparison of photosynthesis and antioxidative protection in Sophora moorcroftiana and Caragana maximovicziana under water stress. Journal of Arid Land, 2014, 6, 637-645.	0.9	9
961	A systematic study of the disposition and metabolism of mercury species in mice after exposure to low levels of thimerosal (ethylmercury). Environmental Research, 2014, 134, 218-227.	3.7	33
962	Abortion-prone mating influences placental antioxidant status and adversely affects placental and foetal development. Free Radical Research, 2014, 48, 1505-1513.	1.5	5
963	Lipids in health and disease. Nature, 2014, 510, 47-47.	13.7	24
964	ldentification and characterization of hydrocolloid from Cordia myxa leaf. International Journal of Biological Macromolecules, 2014, 65, 215-221.	3.6	8
965	Oral exposure of Kunming mice to diisononyl phthalate induces hepatic and renal tissue injury through the accumulation of ROS. Protective effect of melatonin. Food and Chemical Toxicology, 2014, 68, 247-256.	1.8	67
966	Delineating the relationships among the formation of reactive oxygen species, cell membrane instability and innate autoimmunity in intestinal reperfusion injury. Molecular Immunology, 2014, 58, 151-159.	1.0	32

#	Article	IF	CITATIONS
967	Neospora caninum and Toxoplasma gondii: Relationship between hepatic lesions, cytological and biochemical analysis of the cavitary liquid during the acute phase of the diseases in experimental models. Experimental Parasitology, 2014, 136, 68-73.	0.5	9
968	Dietary nickel chloride induces oxidative stress, apoptosis and alters Bax/Bcl-2 and caspase-3 mRNA expression in the cecal tonsil of broilers. Food and Chemical Toxicology, 2014, 63, 18-29.	1.8	63
969	Role of oxidative stress in concomitant occurrence of Fasciola gigantica and leiomyoma in cattle. Veterinary Parasitology, 2014, 203, 43-50.	0.7	16
970	Antioxidants and human diseases. Clinica Chimica Acta, 2014, 436, 332-347.	0.5	353
971	Repeated freezing induces oxidative stress and reduces survival in the freeze-tolerant goldenrod gall fly, Eurosta solidaginis. Journal of Insect Physiology, 2014, 67, 20-27.	0.9	16
972	How meat quality and sensory perception is influenced by feeding poultry plant extracts. World's Poultry Science Journal, 2015, 71, 673-682.	1.4	8
973	Antioxidant, antidiabetic and hypolipidemic effects of Tulbaghia violacea Harv. (wild garlic) rhizome methanolic extract in a diabetic rat model. BMC Complementary and Alternative Medicine, 2015, 15, 408.	3.7	44
974	The structural and functional effects of Hg(II) and Cd(II) on lipid model systems and human erythrocytes: A review. Chemistry and Physics of Lipids, 2015, 193, 36-51.	1.5	36
975	Dietary carbohydrate and lipid sources affect differently the oxidative status of European sea bass (<i>Dicentrarchus labrax</i>) juveniles. British Journal of Nutrition, 2015, 114, 1584-1593.	1.2	45
976	Investigation of cytokines, oxidative stress, metabolic, and inflammatory biomarkers after orange juice consumption by normal and overweight subjects. Food and Nutrition Research, 2015, 59, 28147.	1.2	36
977	Role of the diet as a link between oxidative stress and liver diseases. World Journal of Gastroenterology, 2015, 21, 384.	1.4	35
979	The oxidative costs of reproduction are group-size dependent in a wild cooperative breeder. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152031.	1.2	26
980	Promoting Cell Survival and Proliferation in Degradable Poly(vinyl alcohol)–Tyramine Hydrogels. Macromolecular Bioscience, 2015, 15, 1423-1432.	2.1	43
981	Ionizing Radiation Induces Structural and Functional Damage on the Molecules of Rat Brain Homogenate Membranes: A Fourier Transform Infrared (FT-IR) Spectroscopic Study. Applied Spectroscopy, 2015, 69, 154-164.	1.2	22
982	Relative Oxidative Stability of Diacylglycerol and Triacylglycerol Oils. Journal of Food Science, 2015, 80, C510-4.	1.5	18
983	THE ROLE OF THE CAROTID DOPPLER EXAMINATION IN THE EVALUATION OF ATHEROSCLEROTIC CHANGES IN BETA THALASSEMIA PATIENTS. Mediterranean Journal of Hematology and Infectious Diseases, 2015, 7, e2015023.	0.5	11
984	Bioluminescence-Activated Deep-Tissue Photodynamic Therapy of Cancer. Theranostics, 2015, 5, 805-817.	4.6	72
985	The effects of <i>Momordica charantia </i> on obesity and lipid profiles of mice fed a high-fat diet. Nutrition Research and Practice, 2015, 9, 489.	0.7	29

#	Article	IF	CITATIONS
986	Evaluating the Oxidative Stress in Inflammation: Role of Melatonin. International Journal of Molecular Sciences, 2015, 16, 16981-17004.	1.8	113
987	Evaluation of Antioxidant, Antidiabetic and Anticholinesterase Activities of Smallanthus sonchifolius Landraces and Correlation with Their Phytochemical Profiles. International Journal of Molecular Sciences, 2015, 16, 17696-17718.	1.8	92
988	Naringin Reverses Hepatocyte Apoptosis and Oxidative Stress Associated with HIV-1 Nucleotide Reverse Transcriptase Inhibitors-Induced Metabolic Complications. Nutrients, 2015, 7, 10352-10368.	1.7	23
989	Antiedematogenic and antioxidant properties of high molecular weight protein sub-fraction of Calotropis procera latex in rat. Journal of Basic and Clinical Pharmacy, 2015, 6, 69.	9.3	21
990	Oxidative Damage of U937 Human Leukemic Cells Caused by Hydroxyl Radical Results in Singlet Oxygen Formation. PLoS ONE, 2015, 10, e0116958.	1.1	24
991	Analysis of Phenolic Content and Antioxidant Properties of Selected Cowpea Varieties Tested in Bovine Peripheral Blood. American Journal of Animal and Veterinary Sciences, 2015, 10, 235-245.	0.2	28
992	Chronic Kidney Disease Influences Multiple Systems: Describing the Relationship between Oxidative Stress, Inflammation, Kidney Damage, and Concomitant Disease. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-8.	1.9	138
993	Effects of Ezetimibe/Simvastatin and Rosuvastatin on Oxidative Stress in Diabetic Neuropathy: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-10.	1.9	41
994	Caffeine Mitigates Lung Inflammation Induced by Ischemia-Reperfusion of Lower Limbs in Rats. Mediators of Inflammation, 2015, 2015, 1-8.	1.4	18
995	Application of FTIR-ATR Spectroscopy to Determine the Extent of Lipid Peroxidation in Plasma during Haemodialysis. BioMed Research International, 2015, 2015, 1-8.	0.9	69
996	Oxidative Stress in Dilated Cardiomyopathy Caused by <i>MYBPC3 </i> Mutation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-14.	1.9	33
997	Integrated Haematological Profiles of Redox <i>Status</i> , Lipid, and Inflammatory Protein Biomarkers in Benign Obesity and Unhealthy Obesity with Metabolic Syndrome. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-14.	1.9	22
998	Biomarker as a Research Tool in Linking Exposure to Air Particles and Respiratory Health. BioMed Research International, 2015, 2015, 1-10.	0.9	28
999	An Update from the Editorial Board of Nutrients. Nutrients, 2015, 7, 5540-5541.	1.7	0
1000	In vitro evaluation of antioxidant and antidiabetic activities of Syzygium densiflorum fruits. Asian Pacific Journal of Tropical Disease, 2015, 5, 912-917.	0.5	11
1001	Repeatable and adjustable on-demand sciatic nerve block with phototriggerable liposomes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15719-15724.	3.3	97
1002	Quercetin Protects Liver Cells and Mitochondria Against Doxorubicin Induced Oxidative Stress in Albinos' Rats. Journal of Biologically Active Products From Nature, 2015, 5, 331-338.	0.1	2
1003	Sequential change in physicochemical properties of LDL during oxidative modification. Chemistry and Physics of Lipids, 2015, 193, 52-62.	1.5	5

#	Article	IF	CITATIONS
1004	AtDsPTP1 acts as a negative regulator in osmotic stress signalling during Arabidopsis seed germination and seedling establishment. Journal of Experimental Botany, 2015, 66, 1339-1353.	2.4	31
1005	Apigenin modulates the expression levels of pro-inflammatory mediators to reduce the human insulin amyloid-induced oxidant damages in SK-N-MC cells. Human and Experimental Toxicology, 2015, 34, 642-653.	1.1	9
1006	The importance of the oxidative status of dairy cattle in the periparturient period: revisiting antioxidant supplementation. Journal of Animal Physiology and Animal Nutrition, 2015, 99, 1003-1016.	1.0	142
1007	Protective effects of unsaponifiable matter from rice bran on oxidative damage by modulating antioxidant enzyme activities in HepG2 cells. LWT - Food Science and Technology, 2015, 61, 602-608.	2.5	26
1008	Effect of semen extender supplementation with cysteine on postthaw sperm quality, DNA damage, and fertilizing ability in the common carp (Cyprinus carpio). Theriogenology, 2015, 83, 1548-1552.	0.9	41
1009	Beneficial Effects of Endurance Exercise with Rosmarinus officinalis Labiatae Leaves Extract on Blood Antioxidant Enzyme Activities and Lipid Peroxidation in Streptozotocin-Induced Diabetic Rats. Canadian Journal of Diabetes, 2015, 39, 229-234.	0.4	19
1010	Coffee bean polyphenols ameliorate postprandial endothelial dysfunction in healthy male adults. International Journal of Food Sciences and Nutrition, 2015, 66, 350-354.	1.3	35
1011	Understanding cancer and the anticancer activities of naphthoquinones – a review. RSC Advances, 2015, 5, 20309-20338.	1.7	240
1012	Quantification of malondialdehyde by HPLCâ€FL – application to various biological samples. Biomedical Chromatography, 2015, 29, 41-46.	0.8	73
1013	Cryopreservation Prevents Iron-Initiated Highly Unsaturated Fatty Acid Loss during Storage of Human Blood on Chromatography Paper at â^'20°C,. Journal of Nutrition, 2015, 145, 654-660.	1.3	25
1014	Stimuliâ∈Responsive Electrodes Detect Oxidative Stress and Liver Injury. Advanced Materials, 2015, 27, 1433-1436.	11.1	17
1015	Pancreatic Response to Gold Nanoparticles Includes Decrease of Oxidative Stress and Inflammation In Autistic Diabetic Model. Cellular Physiology and Biochemistry, 2015, 35, 586-600.	1.1	33
1016	Nostoc sp. extract induces oxidative stress-mediated root cell destruction in Mimosa pigra L , 2015, 56, 3.		4
1017	Characterization of arsenic-induced cytotoxicity in liver with stress in erythrocytes and its reversibility with Pleurotus florida lectin. Toxicology and Industrial Health, 2015, 31, 108-122.	0.6	6
1018	Optimization of the Electroformation of Giant Unilamellar Vesicles (GUVs) with Unsaturated Phospholipids. Journal of Membrane Biology, 2015, 248, 827-835.	1.0	42
1019	Monitoring Lipid Peroxidation within Foam Cells by Lysosome-Targetable and Ratiometric Probe. Analytical Chemistry, 2015, 87, 8292-8300.	3.2	55
1020	Solar light (hv) and H2O2/hv photo-disinfection of natural alkaline water (pH 8.6) in a compound parabolic collector at different day periods in Sahelian region. Environmental Science and Pollution Research, 2015, 22, 17082-17094.	2.7	13
1021	Reno-protective effect of garlic extract against immobilization stress induced changes in rats. Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 364-369.	0.5	11

#	Article	IF	CITATIONS
1022	Circadian (about 24-hour) variation in malondialdehyde content and catalase activity of mouse erythrocytes. Redox Report, 2015, 20, 26-32.	1.4	20
1023	Carissa carandas Linn. fruit extract ameliorates gentamicin–induced nephrotoxicity in rats via attenuation of oxidative stress. Journal of Acute Disease, 2015, 4, 135-140.	0.0	3
1024	Development and characterization of conducting polymer nanoparticles for photodynamic therapy in vitro. Photodiagnosis and Photodynamic Therapy, 2015, 12, 476-489.	1.3	11
1025	Inflammation in schizophrenia: A question of balance. Neuroscience and Biobehavioral Reviews, 2015, 55, 612-626.	2.9	155
1026	The Parkinson-associated human P5B-ATPase ATP13A2 protects against the iron-induced cytotoxicity. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1646-1655.	1.4	36
1027	Genome instability biomarkers and blood micronutrient risk profiles associated with mild cognitive impairment and Alzheimer's disease. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 776, 54-83.	0.4	14
1028	Physiological effects and reduced tolerance following maternal metal exposure in the liveâ€bearing fish <i>Gambusia affinis</i> . Environmental Toxicology and Chemistry, 2015, 34, 1337-1344.	2.2	9
1029	Bacterial-Mediated Induction of Systemic Tolerance to Salinity with Expression of Stress Alleviating Enzymes in Soybean (Glycine max L. Merrill). Journal of Plant Growth Regulation, 2015, 34, 558-573.	2.8	98
1030	New concepts to fight oxidative stress: nanosized three-dimensional supramolecular antioxidant assemblies. Expert Opinion on Drug Delivery, 2015, 12, 1527-1545.	2.4	16
1031	Biomarkers of lipid peroxidation in Alzheimer disease (AD): an update. Archives of Toxicology, 2015, 89, 1035-1044.	1.9	132
1032	The Protective Roles of Selenium on Hepatic Tissue Ultrastructure and Mitochondrial Antioxidant Capacity in Copper-Overloaded Rats. Biological Trace Element Research, 2015, 167, 110-114.	1.9	4
1033	Conducting polymer nanoparticles for targeted cancer therapy. RSC Advances, 2015, 5, 37943-37956.	1.7	24
1034	Cytotoxicity and hepatoprotective attributes of methanolic extract of Rumex vesicarius L Biological Research, 2015, 48, 19.	1.5	28
1035	Detection of oxidative stress-induced carbonylation in live mammalian cells. Free Radical Biology and Medicine, 2015, 84, 11-21.	1.3	33
1036	Antihyperlipidemic effect of Cyclocarya paliurus (Batal.) Iljinskaja extract and inhibition of apolipoprotein B48 overproduction in hyperlipidemic mice. Journal of Ethnopharmacology, 2015, 166, 286-296.	2.0	71
1037	Probiotics as Potential Antioxidants: A Systematic Review. Journal of Agricultural and Food Chemistry, 2015, 63, 3615-3626.	2.4	295
1038	Oxidative stress associated with pathological lesions in the liver of rats experimentally infected by Fasciola hepatica. Experimental Parasitology, 2015, 159, 24-28.	0.5	17
1039	Evaluation of Protein Ubiquitylation in Heart Tissue of Rats Exposed to Diazinon (an Organophosphate) Tj ETQq1	10.78431	4 rgBT /Ove

#	ARTICLE	IF	CITATIONS
1040	Application of biosensors in smart packaging. Molecular and Cellular Toxicology, 2015, 11, 277-285.	0.8	61
1041	Reactive oxygen species: Reactions and detection from photosynthetic tissues. Journal of Photochemistry and Photobiology B: Biology, 2015, 152, 176-214.	1.7	95
1042	The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. Toxicology Letters, 2015, 239, 194-204.	0.4	46
1043	Genotoxicity of copper oxide nanoparticles in Drosophila melanogaster. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 791, 1-11.	0.9	44
1044	Characteristics of lipids and their feeding value in swine diets. Journal of Animal Science and Biotechnology, 2015, 6, 30.	2.1	83
1045	Potential application of nanochitosan film as a therapeutic agent against cutaneous leishmaniasis caused by L. major. Parasitology Research, 2015, 114, 4617-4624.	0.6	18
1046	Theoretical description of spin-selective reactions of radical pairs diffusing in spherical 2D and 3D microreactors. Journal of Chemical Physics, 2015, 143, 084110.	1.2	4
1047	Carbonyl Traps as Potential Protective Agents against Methimazole‑Induced Liver Injury. Journal of Biochemical and Molecular Toxicology, 2015, 29, 173-181.	1.4	32
1048	Copper-binding tripeptide motif increases potency of the antimicrobial peptide Anoplin via Reactive Oxygen Species generation. Biochemical and Biophysical Research Communications, 2015, 456, 446-451.	1.0	46
1049	Evaluation of <i>p</i> -cymene, a natural antioxidant. Pharmaceutical Biology, 2015, 53, 423-428.	1.3	102
1050	Improved determination of malonaldehyde by high-performance liquid chromatography with UV detection as 2,3-diaminonaphthalene derivative. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 976-977, 91-95.	1.2	3
1051	Oxidative Stress in Older Patients with Bipolar Disorder. American Journal of Geriatric Psychiatry, 2015, 23, 314-319.	0.6	34
1052	Effect of CDNB on filarial thioredoxin reductase: A proteomic and biochemical approach. Journal of Proteomics, 2015, 113, 435-446.	1.2	21
1053	Antidiabetic and antioxidant potency evaluation of different fractions obtained from <i>Cucumis prophetarum</i> fruit. Pharmaceutical Biology, 2015, 53, 689-694.	1.3	11
1054	Membrane damage and active but nonculturable state in liquid cultures of Escherichia coli treated with an atmospheric pressure plasma jet. Bioelectrochemistry, 2015, 103, 7-14.	2.4	138
1055	Toxicity of Metal Oxide Nanoparticles: Mechanisms, Characterization, and Avoiding Experimental Artefacts. Small, 2015, 11, 26-44.	5 . 2	308
1056	In depth analysis of apoptosis induced by silica coated manganese oxide nanoparticles in vitro. Journal of Hazardous Materials, 2015, 283, 519-528.	6. 5	24
1057	Ultrasonic-assisted extraction and in-vitro antioxidant activity of polysaccharide from Hibiscus leaf. International Journal of Biological Macromolecules, 2015, 74, 558-567.	3.6	59

#	Article	IF	CITATIONS
1058	Suitability of hyperspectral imaging for rapid evaluation of thiobarbituric acid (TBA) value in grass carp (Ctenopharyngodon idella) fillet. Food Chemistry, 2015, 171, 258-265.	4.2	115
1059	Effects of aflatoxin B ₁ on oxidative stress markers and apoptosis of spleens in broilers. Toxicology and Industrial Health, 2016, 32, 278-284.	0.6	62
1060	Potentially beneficial effects of ethyl-pyruvate on diabetic nephropathy: an experimental and ultrastructural study. Polish Journal of Pathology, 2016, , .	0.1	0
1061	ANTIOXIDANT ACTIVITY OF FOURTEEN EULOPHIA SPECIES TRADITIONALLY KNOWN AS AMARKAND. International Journal of Pharmacy and Pharmaceutical Sciences, 2016, 8, 313.	0.3	0
1062	The potential beneficial effects of ethyl pyruvate on diabetic nephropathy: an experimental and ultrastructural study. Polish Journal of Pathology, 2016, 3, 250-257.	0.1	1
1063	Effects of a six-week intraduodenal supplementation with quercetin on liver lipid metabolism and oxidative stress in peripartal dairy cows1. Journal of Animal Science, 2016, 94, 1913-1923.	0.2	7
1064	Transcriptomic Analysis of Resistant and Susceptible < i>Bombyx mori < /i> Strains Following BmNPV Infection Provides Insights into the Antiviral Mechanisms. International Journal of Genomics, 2016, 2016, 1-10.	0.8	26
1065	Antioxidant Capacity Determination in Plants and Plant-Derived Products: A Review. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-36.	1.9	155
1066	Blood Levels of Oxidant/Antioxidant Parameters in Rats Infected with <i>Toxoplasma gondii </i> Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-6.	1.9	28
1067	Phenolic Rich Extract from <i>Clinacanthus nutans </i> Attenuates Hyperlipidemia-Associated Oxidative Stress in Rats. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-16.	1.9	33
1068	Biomarkers in ROS and Role of Isoprostanes in Oxidative Stress. , 0, , .		1
1069	Protein Carbonyl as a Biomarker of Oxidative Stress in Severe Leptospirosis, and Its Usefulness in Differentiating Leptospirosis from Dengue Infections. PLoS ONE, 2016, 11, e0156085.	1.1	37
1070	Glutamate Cysteine Ligase—Modulatory Subunit Knockout Mouse Shows Normal Insulin Sensitivity but Reduced Liver Glycogen Storage. Frontiers in Physiology, 2016, 7, 142.	1.3	5
1071	Targeting oxidative stress for the treatment of ischemic stroke: Upstream and downstream therapeutic strategies. Brain Circulation, 2016, 2, 153.	0.7	99
1072	Impact of pregnancy and nutrition on oxidantâ, antioxidant balance in sheep and goats reared in South Sinai, Egypt. Veterinary World, 2016, 9, 801-805.	0.7	23
1073	Effect of biologically active substances present in water extracts of white mustard and coriander on antioxidant status and lipid peroxidation of mouse <scp>C</scp> 2 <scp>C</scp> 12 skeletal muscle cells. Journal of Animal Physiology and Animal Nutrition, 2016, 100, 988-1002.	1.0	10
1074	Oxidative Status Profile in Different Tissues of <i>Parastacus brasiliensis promatensis</i> (Crustacea,) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
1075	Naringin Mitigates Cardiac Hypertrophy by Reducing Oxidative Stress and Inactivating c-Jun Nuclear Kinase-1 Protein in Type I Diabetes. Journal of Cardiovascular Pharmacology, 2016, 67, 136-144.	0.8	22

#	ARTICLE	IF	CITATIONS
1076	Extraction, identification, fractionation and isolation of phenolic compounds in plants with hepatoprotective effects. Journal of the Science of Food and Agriculture, 2016, 96, 1068-1084.	1.7	52
1077	Molecular Damage. , 2016, , 45-56.		0
1078	Oxidative stress during courtship affects male and female reproductive effort differentially in a wild bird with biparental care. Journal of Experimental Biology, 2016, 219, 3915-3926.	0.8	16
1079	Effects of soybean isoflavone on intestinal antioxidant capacity and cytokines in young piglets fed oxidized fish oil. Journal of Zhejiang University: Science B, 2016, 17, 965-974.	1.3	15
1080	Effects of dexpanthenol on acetic acid-induced colitis in rats. Experimental and Therapeutic Medicine, 2016, 12, 2958-2964.	0.8	44
1081	Potential hepatoprotective effects of fullerenol nanoparticles on alcohol-induced oxidative stress by ROS. RSC Advances, 2016, 6, 31122-31130.	1.7	18
1082	Rapid determination of lipid peroxidation using a novel pyridoxamine-participating ferrous oxidation-sulfosalicylic acid spectrophotometric method. Food Chemistry, 2016, 211, 637-644.	4.2	7
1083	Geraniin ameliorates cisplatin-induced nephrotoxicity in mice. Free Radical Research, 2016, 50, 813-819.	1.5	14
1084	Preparation, characterization and in vitro antioxidative potential of synbiotic fermented dairy products. Journal of Food Science and Technology, 2016, 53, 1984-1992.	1.4	11
1085	The Antiproliferative Effect of <i>Moringa oleifera </i> Crude Aqueous Leaf Extract on Human Esophageal Cancer Cells. Journal of Medicinal Food, 2016, 19, 398-403.	0.8	42
1086	Inhibition of Setaria cervi protein tyrosine phosphatases by Phenylarsine oxide: A proteomic and biochemical study. Acta Tropica, 2016, 159, 20-28.	0.9	10
1087	Volatile emission in dry seeds as a way to probe chemical reactions during initial asymptomatic deterioration. Journal of Experimental Botany, 2016, 67, 1783-1793.	2.4	40
1088	Short communication: Markers of oxidant status and inflammation relative to the development of claw lesions associated with lameness in early lactation cows. Journal of Dairy Science, 2016, 99, 5640-5648.	1.4	26
1089	Oxidative stress associated with pathological changes in the pancreas of cattle naturally infected by Eurytrema coelomaticum. Veterinary Parasitology, 2016, 223, 102-110.	0.7	10
1090	Fatty acid composition in serum correlates with that in the liver and non-alcoholic fatty liver disease activity scores in mice fed a high-fat diet. Environmental Toxicology and Pharmacology, 2016, 44, 140-150.	2.0	28
1091	Whey protein increases muscle weight gain through inhibition of oxidative effects induced by resistance exercise in rats. Nutrition Research, 2016, 36, 1081-1089.	1.3	9
1092	Bioaccumulation, physiological and ultrastructural effects of glyphosate in the lichen Xanthoria parietina (L.) Th. Fr Chemosphere, 2016, 164, 233-240.	4.2	14
1093	Concomitant ingestion of lactic acid bacteria and black tea synergistically enhances flavonoid bioavailability and attenuates d -galactose-induced oxidative stress in mice via modulating glutathione antioxidant system. Journal of Nutritional Biochemistry, 2016, 38, 116-124.	1.9	26

#	Article	IF	CITATIONS
1094	Bioactive 4-Oxoheptanedioic Monoamide Derivatives of Proteins and Ethanolaminephospholipids: Products of Docosahexaenoate Oxidation. Chemical Research in Toxicology, 2016, 29, 1706-1719.	1.7	1
1095	Augmenting effect of vitrification on lipid peroxidation in mouse preantral follicle during cultivation: Modulation by coenzyme Q ₁₀ . Systems Biology in Reproductive Medicine, 2016, 62, 404-414.	1.0	17
1096	Antiepileptic drugs affect lipid oxidative markers- neuroprostanes and F2-dihomo-isoprostanes- in patients with epilepsy: differences among first-, second-, and third-generation drugs by UHPLC-QqQ-MS/MS. RSC Advances, 2016, 6, 82969-82976.	1.7	4
1097	"Effects of recombinant human erythropoietin high mimicking abuse doses on oxidative stress processes in rats― Biomedicine and Pharmacotherapy, 2016, 82, 355-363.	2.5	5
1098	Lipid-lysine adducts and modified tyrosines as markers of oxidative stress in the second trimester of pregnancy and their association with infant characteristics. Experimental and Therapeutic Medicine, 2016, 11, 797-805.	0.8	2
1100	Development and evaluation of a liquid chromatography–mass spectrometry method for rapid, accurate quantitation of malondialdehyde in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1029-1030, 205-212.	1.2	25
1101	Antioxidant and antidiabetic activities of the seed and leaf extracts of Chrysophyllum albidum. Asian Pacific Journal of Tropical Disease, 2016, 6, 642-649.	0.5	5
1102	Naringin protects against HIV-1 protease inhibitors-induced pancreatic \hat{l}^2 -cell dysfunction and apoptosis. Molecular and Cellular Endocrinology, 2016, 437, 1-10.	1.6	16
1103	Biomolecules damage and redox status abnormalities in Fabry patients before and during enzyme replacement therapy. Clinica Chimica Acta, 2016, 461, 41-46.	0.5	27
1104	Deoxyribonucleic acid glycosylase assays: Progress and prospects. TrAC - Trends in Analytical Chemistry, 2016, 83, 102-115.	5.8	5
1105	Oxidant and antioxidant status in Saccharomyces cerevisiae exposed to antifungal ketoconazole. Process Biochemistry, 2016, 51, 1984-1991.	1.8	10
1106	The PBMC transcriptome profile after intake of oxidized versus high-quality fish oil: an explorative study in healthy subjects. Genes and Nutrition, 2016, 11, 16.	1.2	10
1107	Efficacy of zinc oxide nanoparticles in attenuating pancreatic damage in a rat model of streptozotocin-induced diabetes. Ultrastructural Pathology, 2016, 40, 358-373.	0.4	30
1108	The effect of conjugated linoleic acid supplements on oxidative and antioxidative status of dairy cows. Journal of Dairy Science, 2016, 99, 8090-8102.	1.4	27
1109	Crocetin protects ultraviolet A-induced oxidative stress and cell death in skin in vitro and in vivo. European Journal of Pharmacology, 2016, 789, 244-253.	1.7	33
1110	Fluctuating versus constant temperatures: effects on metabolic rate and oxidative damages in freshwater crustacean embryos. Canadian Journal of Zoology, 2016, 94, 591-598.	0.4	3
1111	Oxidative stress-related biomarkers in multiple sclerosis: a review. Biomarkers in Medicine, 2016, 10, 889-902.	0.6	49
1112	Honey bee (Apis mellifera) drones survive oxidative stress due to increased tolerance instead of avoidance or repair of oxidative damage. Experimental Gerontology, 2016, 83, 15-21.	1.2	37

#	Article	IF	CITATIONS
1113	Compression Garments in Sports: Athletic Performance and Recovery. , 2016, , .		3
1114	Compression Garments and Recovery. , 2016, , 89-111.		0
1115	Body fat mobilization during lactation in high-producing sows fed varied omega-6 to omega-3 fatty acid ratios. Canadian Journal of Animal Science, 2016, 96, 69-78.	0.7	3
1116	Occurrence, Biological Consequences, and Human Health Relevance of Oxidative Stress-Induced DNA Damage. Chemical Research in Toxicology, 2016, 29, 2008-2039.	1.7	131
1117	Plasmon-induced oxidative stress and macromolecular damage in pathogenic bacteria. RSC Advances, 2016, 6, 100203-100208.	1.7	4
1118	Evaluating oxidative stress, serological- and haematological status of dogs suffering from osteoarthritis, after supplementing their diet with fish or corn oil. Lipids in Health and Disease, 2016, 15, 139.	1.2	31
1119	An association between the level of oxidative stress and the concentrations of <scp>NEFA</scp> and <scp>BHBA</scp> in the plasma of ketotic dairy cows. Journal of Animal Physiology and Animal Nutrition, 2016, 100, 844-851.	1.0	56
1120	Leucoreduction helps to preserve activity of antioxidant barrier enzymes in stored red blood cell concentrates. Vox Sanguinis, 2016, 110, 126-133.	0.7	4
1121	CDPKs enhance Cd tolerance through intensifying H2S signal in Arabidopsis thaliana. Plant and Soil, 2016, 398, 99-110.	1.8	39
1122	Isolation-hypoxia and re-oxygenation of the pallial cavity of female Crepipatella dilatata during estuarine salinity changes requires increased glyoxylase activity and antioxidant metabolism to avoid oxidative damage to female tissues and developing embryos. Marine Environmental Research, 2016, 119, 59-71.	1.1	12
1123	Molecular Damage: Hyperthermia Alone. , 2016, , 19-32.		0
1124	Oxidative stress induced in Hyalella azteca by an effluent from a NSAID-manufacturing plant in Mexico. Ecotoxicology, 2016, 25, 1288-1304.	1.1	15
1125	Gold nanoparticles: A critical review of therapeutic applications and toxicological aspects. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2016, 19, 129-148.	2.9	126
1126	Beneficial effects of aminoguanidine on radiotherapy-induced kidney and testis injury. Andrologia, 2016, 48, 683-692.	1.0	15
1127	The effects of <i>Spirulina platensis </i> meal on proximate composition, fatty acid profile and lipid peroxidation of rainbow trout (<i>Oncorhynchus mykiss </i>) muscle. Aquaculture Nutrition, 2016, 22, 559-566.	1.1	44
1128	Constitutive expression of CaPLA1 conferred enhanced growth and grain yield in transgenic rice plants. Plant Molecular Biology, 2016, 90, 517-532.	2.0	13
1129	Antioxidant Activity/Capacity Measurement. 2. Hydrogen Atom Transfer (HAT)-Based, Mixed-Mode (Electron Transfer (ET)/HAT), and Lipid Peroxidation Assays. Journal of Agricultural and Food Chemistry, 2016, 64, 1028-1045.	2.4	216
1130	Sex-specific divergence of antioxidant pathways in fetal brain, liver, and skeletal muscles. Free Radical Research, 2016, 50, 366-373.	1.5	10

#	Article	IF	CITATIONS
1131	Effects of sodium nitroprusside on mouse erythrocyte catalase activity and malondialdehyde status. Drug and Chemical Toxicology, 2016, 39, 350-356.	1.2	4
1132	Genotoxic and oxidative stress potential of nanosized and bulk zinc oxide particles in <i>Drosophila melanogaster</i> . Toxicology and Industrial Health, 2016, 32, 1987-2001.	0.6	38
1133	The stability of blood fatty acids during storage and potential mechanisms of degradation: A review. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 104, 33-43.	1.0	39
1134	Stress response of i>Escherichia coli / i>induced by surface streamer discharge in humid air. Journal Physics D: Applied Physics, 2016, 49, 075401.	1.3	11
1135	Day-night variations in pro-oxidant reactions of hypothalamic, hepatic and pancreatic tissue in mice with spontaneous obesity (Neotomodon alstoni). Biological Rhythm Research, 2016, 47, 275-284.	0.4	5
1136	Effects of treatment with the anti-parasitic drug diminazene aceturate on antioxidant enzymes in rat liver and kidney. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 429-438.	1.4	16
1137	Chromatographic Fingerprint Analysis, Acetylcholinesterase Inhibitory Properties and Antioxidant Activities of Redflower Ragleaf (<i>C rassocephalum Crepidioides)</i> Extract. Journal of Food Biochemistry, 2016, 40, 109-119.	1.2	19
1138	Effects of varying levels of dietary vitamin E (α-tocopherol) on growth performance, proximate and fatty acid composition of juvenile silver pomfret (<i>Pampus argenteus</i> Euphrasen, 1788). Journal of Applied Ichthyology, 2016, 32, 55-60.	0.3	4
1139	Anti-diabetic and anti-oxidative activity of fixed oil extracted from Ocimum sanctum L. leaves in diabetic rats. Experimental and Therapeutic Medicine, 2016, 11, 832-840.	0.8	39
1140	α-Glucosyl hesperidin suppressed the exacerbation of 5-fluorouracil-induced oral mucositis in the hamster cheek pouch. Journal of Functional Foods, 2016, 21, 223-231.	1.6	6
1141	Therapies targeting lipid peroxidation in traumatic brain injury. Brain Research, 2016, 1640, 57-76.	1.1	94
1142	Acclimation to elevated emersion temperature has no effect on susceptibility to acute, heat-induced lipid peroxidation in an intertidal mussel (Mytilus californianus). Marine Biology, 2016, 163, 1.	0.7	28
1143	A method of coupling the Paternò–Büchi reaction with direct infusion ESI-MS/MS for locating the C bond in glycerophospholipids. Analyst, The, 2016, 141, 3696-3704.	1.7	65
1144	Effect of (i>Eisenia foetida (i>Extract against Cisplatin-Induced Kidney Injury in Rats. Journal of Dietary Supplements, 2016, 13, 551-559.	1.4	11
1145	Oxidative stress during bacterial growth characterized through microdialysis sampling coupled with HPLC/fluorescence detection of malondialdehyde. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 112-116.	1.2	11
1146	Effects of chestnut tannins on the meat quality, welfare, and antioxidant status of heat-stressed lambs. Meat Science, 2016, 116, 236-242.	2.7	45
1147	Effect of metformin and sitagliptin on doxorubicin-induced cardiotoxicity in adult male albino rats. Human and Experimental Toxicology, 2016, 35, 1227-1239.	1.1	24
1148	Oxidative Stress and Cell Apoptosis in Caprine Liver Induced by Molybdenum and Cadmium in Combination. Biological Trace Element Research, 2016, 173, 79-86.	1.9	18

#	Article	IF	Citations
1149	Effect of rigor temperature, ageing and display time on the meat quality and lipid oxidative stability of hot boned beef Semimembranosus muscle. Meat Science, 2016, 114, 146-153.	2.7	28
1150	Organic trace mineral supplementation enhances local and systemic innate immune responses and modulates oxidative stress in broiler chickens. Poultry Science, 2016, 95, 518-527.	1.5	36
1151	Efficient integration of particle analysis in hyperspectral imaging for rapid assessment of oxidative degradation in salmon fillet. Journal of Food Engineering, 2016, 169, 259-271.	2.7	41
1152	Proximate composition, cholesterol concentration and lipid oxidation of meat from chickens fed dietary spice addition (Allium sativum, Piper nigrum, Capsicum annuum). Animal Production Science, 2016, 56, 1920.	0.6	30
1153	Investigations into the Photoprotective and Antioxidant Properties of the Tridachiahydropyrones. Springer Theses, 2016, , 59-72.	0.0	0
1154	The protective effects of apocynin on ionizing radiation-induced intestinal damage in rats. Drug Development and Industrial Pharmacy, 2016, 42, 317-324.	0.9	16
1155	Apigenin Attenuates \hat{l}^2 -Receptor-Stimulated Myocardial Injury Via Safeguarding Cardiac Functions and Escalation of Antioxidant Defence System. Cardiovascular Toxicology, 2016, 16, 286-297.	1,1	28
1156	The effect of upper gastrointestinal system endoscopy process on serum oxidative stress levels. Wiener Klinische Wochenschrift, 2016, 128, 572-575.	1.0	0
1157	Effects of total replacement of fish oil on growth performance, lipid metabolism and antioxidant capacity in tilapia (Oreochromis niloticus). Aquaculture International, 2016, 24, 145-156.	1.1	64
1158	Adhesion of <i>Lactobacilli < /i> and their anti-infectivity potential. Critical Reviews in Food Science and Nutrition, 2017, 57, 2042-2056.</i>	5 . 4	39
1159	Naringin improves zidovudine- and stavudine-induced skeletal muscle complications in rats. Human and Experimental Toxicology, 2017, 36, 93-105.	1.1	3
1160	Regucalcin counteracts tertâ€butyl hydroperoxide and cadmiumâ€induced oxidative stress in rat testis. Journal of Applied Toxicology, 2017, 37, 159-166.	1.4	20
1161	Oxidative Stress, Hemato-biochemical and Plasma Mineral Profile in Transition Buffaloes. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2017, 87, 1091-1099.	0.4	3
1162	Tissue tocopherol status, meat lipid stability, and serum lipids in broiler chickens fed <i>Artemisia annua</i> . European Journal of Lipid Science and Technology, 2017, 119, 1500438.	1.0	5
1163	Long-term Effects of Feeding a Novel Phytoadditive on Nutrient Utilization, Growth Performance, Metabolic Profile and Antioxidant Status of Goats. Agricultural Research, 2017, 6, 82-90.	0.9	1
1164	Post-prandial systemic 8-isoprostane increases after consumption of moderate and high-fat meals in insufficiently active males. Nutrition Research, 2017, 39, 61-68.	1.3	7
1165	Antioxidant and hepatoprotective potential of Lawsonia inermis L. leaves against 2-acetylaminofluorene induced hepatic damage in male Wistar rats. BMC Complementary and Alternative Medicine, 2017, 17, 56.	3.7	19
1166	Garlic extract attenuates immobilization stress-induced alterations in plasma antioxidant/oxidant parameters and hepatic function in rats. Chinese Journal of Integrative Medicine, 2017, , 1.	0.7	4

#	Article	IF	CITATIONS
1167	Nrf2 is crucial for the down-regulation of Cyp7a1 induced by arachidonic acid in Hepg2 cells. Environmental Toxicology and Pharmacology, 2017, 52, 21-26.	2.0	8
1168	Detection of reactive aldehyde biomarkers in biological samples using solid-phase extraction pre-concentration and liquid chromatography with fluorescence detection. Analytical Methods, 2017, 9, 1848-1854.	1.3	11
1169	Retinal oxidative stress at the onset of diabetes determined by synchrotron FTIR widefield imaging: towards diabetes pathogenesis. Analyst, The, 2017, 142, 1061-1072.	1.7	27
1170	Protective and therapeutic effects of molsidomine on radiation induced neural injury in rats. Biotechnic and Histochemistry, 2017, 92, 68-77.	0.7	7
1171	Relationship between oxidative stress and brain swelling in goldfish (<i>Carassius auratus</i>) exposed to high environmental ammonia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R114-R124.	0.9	26
1172	Interactions of iron with manganese, zinc, chromium, and selenium as related to prophylaxis and treatment of iron deficiency. Journal of Trace Elements in Medicine and Biology, 2017, 41, 41-53.	1.5	87
1173	Soft Cysteine Signaling Network: The Functional Significance of Cysteine in Protein Function and the Soft Acids/Bases Thiol Chemistry That Facilitates Cysteine Modification. Chemical Research in Toxicology, 2017, 30, 729-762.	1.7	26
1174	Hepatoprotective role of <i>Solenostemma argel</i> growing in Egypt on ethanol induced oxidative damage in rats. Biyokimya Dergisi, 2017, 42, 419-426.	0.1	O
1175	Raman Spectroscopy of Fish Oil Capsules: Polyunsaturated Fatty Acid Quantitation Plus Detection of Ethyl Esters and Oxidation. Journal of Agricultural and Food Chemistry, 2017, 65, 3551-3558.	2.4	39
1176	Lipid peroxidation: Its effects on the formulation and use of pharmaceutical emulsions. Asian Journal of Pharmaceutical Sciences, 2017, 12, 401-411.	4.3	50
1177	Natural Antioxidants From Algae. , 2017, , 91-120.		9
1178	Vitamin B12 deficiency results in severe oxidative stress, leading to memory retention impairment in Caenorhabditis elegans. Redox Biology, 2017, 11, 21-29.	3.9	66
1179	Determination of role of ceruloplasmin in oral potentially malignant disorders and oral malignancyâ€"A crossâ€sectional study. Oral Diseases, 2017, 23, 1066-1071.	1.5	12
1180	Improving oxidative stability of liquid fish oil supplements for pets. European Journal of Lipid Science and Technology, 2017, 119, 1600492.	1.0	3
1181	Evaluation of radical scavenging system in amoeba <i>Chaos carolinense</i> during nutrient deprivation. Interface Focus, 2017, 7, 20160113.	1.5	11
1182	Global assessment of oxidized free fatty acids in brain reveals an enzymatic predominance to oxidative signaling after trauma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2601-2613.	1.8	20
1183	Metabolomic studies on the systemic responses of mice with oxidative stress induced by short-term oxidized tyrosine administration. RSC Advances, 2017, 7, 28591-28605.	1.7	16
1184	Effect of tannery effluent on oxidative status of brain structures and liver of rodents. Environmental Science and Pollution Research, 2017, 24, 15689-15699.	2.7	5

#	Article	IF	CITATIONS
1185	Pulmonary apoptotic and oxidative damaging effects of Triclosan alone or in combination with Fluoride in Sprague Dawley rats. Acta Histochemica, 2017, 119, 357-363.	0.9	23
1186	Moderate selenium dosing inhibited chromium (VI) toxicity in chicken liver. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21916.	1.4	19
1187	Physiological Effects of Silver Nanoparticles and Silver Nitrate Toxicity in Triticum aestivum. Iranian Journal of Science and Technology, Transaction A: Science, 2017, 41, 111-120.	0.7	11
1188	Antihyperglycaemic activity of the methanol extract from leaves of <i>Eremophila maculata</i> (Scrophulariaceae) in streptozotocin-induced diabetic rats. Journal of Pharmacy and Pharmacology, 2017, 69, 733-742.	1.2	33
1189	<i>In vitro</i> probiotic evaluation of potential antioxidant lactic acid bacteria isolated from <i>idli</i> batter fermented with <i>Piper betle</i> leaves. International Journal of Food Science and Technology, 2017, 52, 329-340.	1.3	21
1190	Growth, fatty acid composition and lipid deposition of Russian sturgeon (Acipenser gueldenstaedtii) fed different lipid sources. Aquaculture Research, 2017, 48, 5126-5132.	0.9	4
1191	Multimodal Imaging of Neurometabolic Pathology due to Traumatic Brain Injury. Trends in Neurosciences, 2017, 40, 39-59.	4.2	34
1192	Protective effects of tenuigenin on lipopolysaccharide and d -galactosamine-induced acute liver injury. Microbial Pathogenesis, 2017, 112, 83-88.	1.3	10
1193	The effects of diosmin on aflatoxin-induced liver and kidney damage. Environmental Science and Pollution Research, 2017, 24, 27931-27941.	2.7	43
1194	Photodynamic Diagnosis and Therapy for Oral Potentially Malignant Disorders and Cancers. , 2017, , 147-175.		5
1195	Immunomodulatory basis of antioxidant therapy and its future prospects: an appraisal. Inflammopharmacology, 2017, 25, 487-498.	1.9	16
1196	Evaluation of distribution, redox parameters, and genotoxicity in Wistar rats co-exposed to silver and titanium dioxide nanoparticles. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 1156-1165.	1.1	44
1197	Effects of tannery wastewater exposure on adult Drosophila melanogaster. Environmental Science and Pollution Research, 2017, 24, 26387-26395.	2.7	2
1198	Synthesis and antioxidant ability of 6,6′-diamino-6,6′-dideoxytrehalose. Bioorganic Chemistry, 2017, 74, 66-71.	2.0	12
1199	Sensitive and selective quantification of free and total malondialdehyde in plasma using UHPLC-HRMS. Journal of Lipid Research, 2017, 58, 1924-1931.	2.0	23
1200	Đ¢he Impact Of Positive Acceleration (+Gz) on Antioxidant Capacity and Histopathological Alterations in Different Organs and Tissues in Rats. Serbian Journal of Experimental and Clinical Research, 2017, 18, 203-212.	0.2	0
1201	Aldose reductase inhibitory potential and anti-cataract activity of Punica granatum Linn. leaves against glucose-induced cataractogenesis in goat eye lens. Oriental Pharmacy and Experimental Medicine, 2017, 17, 277-284.	1.2	9
1202	Increment of root membrane permeability caused by microcystins result in more elements uptake in rice (Oryza sativa). Ecotoxicology and Environmental Safety, 2017, 145, 431-435.	2.9	17

#	Article	IF	Citations
1203	Hypolipemiant and antioxidant effects of Eugenia brasiliensis in an animal model of coconut oil-induced hypertriglyceridemia. Biomedicine and Pharmacotherapy, 2017, 96, 642-649.	2.5	9
1204	Effects of feeding untreated, pasteurized and acidified waste milk and bunk tank milk on the performance, serum metabolic profiles, immunity, and intestinal development in Holstein calves. Journal of Animal Science and Biotechnology, 2017, 8, 53.	2.1	31
1205	Peroxidized lipids reduce growth performance of poultry and swine: A meta-analysis. Animal Feed Science and Technology, 2017, 231, 47-58.	1.1	25
1206	Early responses of mature Arabidopsis thaliana plants to reduced water potential in the agar-based polyethylene glycol infusion drought model. Journal of Plant Physiology, 2017, 208, 70-83.	1.6	42
1207	Neuroprotective influence of taurine on fluoride-induced biochemical and behavioral deficits in rats. Chemico-Biological Interactions, 2017, 261, 1-10.	1.7	48
1208	Microwave-assisted one pot synthesis, characterization, biological evaluation and molecular docking studies of steroidal thiazoles. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 104-115.	1.7	32
1209	Effect of incremental amounts of camelina oil on milk fatty acid composition in lactating cows fed diets based on a mixture of grass and red clover silage and concentrates containing camelina expeller. Journal of Dairy Science, 2017, 100, 305-324.	1.4	29
1210	Ameliorative Potential of Prepartal Trace Mineral and Vitamin Supplementation on Parturition-Induced Redox Balance and Myeloperoxidase Activity of Periparturient Sahiwal Cows. Biological Trace Element Research, 2017, 177, 72-79.	1.9	6
1211	Effects of Vitamin E with Different Levels or Sources of Dietary Lipid on the Growth and Expression of Inflammatory, Oxidative Stress, and Apoptotic Genes in the Head Kidney of Olive Flounder, <i>Paralichthys olivaceus</i>	1.2	7
1212	Lutein attenuates oxidative stress markers and ameliorates glucose homeostasis through polyol pathway in heart and kidney of STZ-induced hyperglycemic rat model. European Journal of Nutrition, 2017, 56, 2475-2485.	1.8	37
1213	Known unknowns of cardiolipin signaling: The best is yet to come. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 8-24.	1.2	94
1214	An inÂvivo cross-linkable hyaluronan gel with inherent anti-inflammatory properties reduces OA cartilage destruction in female mice subjected to cruciate ligament transection. Osteoarthritis and Cartilage, 2017, 25, 157-165.	0.6	11
1215	Beyond the therapeutic shackles of the monoamines: New mechanisms in bipolar disorder biology. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 72, 73-86.	2.5	31
1216	Attenuation of diabetic nephropathy in streptozotocin-induced diabetic rats by Punica granatum Linn. leaves extract. Journal of Traditional and Complementary Medicine, 2017, 7, 273-280.	1.5	101
1217	Effects of dietary lipid level and n-3/n-6 fatty acid ratio on growth, fatty acid composition and lipid peroxidation in Russian sturgeon <i>Acipenser gueldenstaedtii</i> . Aquaculture Nutrition, 2017, 23, 879-890.	1.1	11
1218	Digestibility, ruminal fermentation, blood metabolites and antioxidant status in ewes supplemented with <scp>DL</scp> â€methionine or hydroxyâ€4 (methylthio) butanoic acid isopropyl ester. Journal of Animal Physiology and Animal Nutrition, 2017, 101, e266-e277.	1.0	6
1219	Mechanisms of Oxidative Processes in Meat and Toxicity Induced by Postprandial Degradation Products: A Review. Comprehensive Reviews in Food Science and Food Safety, 2017, 16, 96-123.	5.9	193
1220	Lipid Peroxidation Markers in Coronary Artery Disease Patients with Possible Vascular Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2017, 58, 885-896.	1.2	14

#	ARTICLE Modelling the redox imbalance in Dominant Optic Atrophy: the case of respiratory Complex I * *This	IF	CITATIONS
1221	project is supported by grants from the Centre National de la Recherche Scientifique, the Universite Paul Sabatier and, the Region Occitanie. N. Merabet is funded by the French Ministry for Research and Education and the Ecole Doctorale Aeronautique Astronautique for Ph.D. studies IFAC-PapersOnLine, 2017, 50, 862-867.	0.5	1
1222	Antioxidant activity of Lactobacillus plantarum JM113 in vitro and its protective effect on broiler chickens challenged with deoxynivalenol1. Journal of Animal Science, 2017, 95, 837-846.	0.2	28
1223	Comparative Analysis of Phenolic Compounds in Seven <i>Hypericum</i> Species and Their Antioxidant Properties. Natural Product Communications, 2017, 12, 1934578X1701201.	0.2	13
1224	Hypoxic Air Inhalation and Ischemia Interventions Both Elicit Preconditioning Which Attenuate Subsequent Cellular Stress In vivo Following Blood Flow Occlusion and Reperfusion. Frontiers in Physiology, 2017, 8, 560.	1.3	21
1225	Protective effects of oxymatrine against arsenic trioxide-induced liver injury. Oncotarget, 2017, 8, 12792-12799.	0.8	25
1226	Eriodictyol attenuates arsenic trioxide-induced liver injury by activation of Nrf2. Oncotarget, 2017, 8, 68668-68674.	0.8	34
1227	Exercise and Glycemic Control: Focus on Redox Homeostasis and Redox-Sensitive Protein Signaling. Frontiers in Endocrinology, 2017, 8, 87.	1.5	44
1228	Antioxidant and Antiradical Properties of Selected Flavonoids and Phenolic Compounds. Biochemistry Research International, 2017, 2017, 1-10.	1.5	173
1229	Relationship between selected micronutrient deficiencies and oxidative stress biomarkers in diabetes mellitus patients with foot ulcers in Ibadan, Nigeria. Turkish Journal of Medical Sciences, 2017, 47, 1117-1123.	0.4	7
1230	Lycopenes as Antioxidants in Gastrointestinal Diseases. , 2017, , 355-362.		7
1230 1231	Lycopenes as Antioxidants in Gastrointestinal Diseases. , 2017, , 355-362. The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage. , 0,		7
	The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage. , 0,	1.4	
1231	The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage. , 0, , . Development of breath test for pneumoconiosis: a case-control study. Respiratory Research, 2017, 18,	1.4 2.8	17
1231 1232	The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage., 0, , Development of breath test for pneumoconiosis: a case-control study. Respiratory Research, 2017, 18, 178. Cobalt nanoparticles induce lung injury, DNA damage and mutations in mice. Particle and Fibre		17
1231 1232 1233	The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage., 0, , Development of breath test for pneumoconiosis: a case-control study. Respiratory Research, 2017, 18, 178. Cobalt nanoparticles induce lung injury, DNA damage and mutations in mice. Particle and Fibre Toxicology, 2017, 14, 38. Biomarkers of oxidative stress and cellular-based assays of indirect antioxidant measurement., 0, ,		17 18 77
1231 1232 1233	The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage., 0, , Development of breath test for pneumoconiosis: a case-control study. Respiratory Research, 2017, 18, 178. Cobalt nanoparticles induce lung injury, DNA damage and mutations in mice. Particle and Fibre Toxicology, 2017, 14, 38. Biomarkers of oxidative stress and cellular-based assays of indirect antioxidant measurement., 0, , 165-186. Assessing the cytotoxicity of ambient particulate matter (PM) using Chinese hamster ovary (CHO) cells and its relationship with the PM chemical composition and oxidative potential. Atmospheric	2.8	17 18 77
1231 1232 1233 1234 1235	The Effect on Oxidative Stress of Aflatoxin and Protective Effect of Lycopene on Aflatoxin Damage. , 0, ,	2.8	17 18 77 9 28

#	Article	IF	CITATIONS
1239	The influence of mulberry leaf flavonoids and Candida tropicalis on antioxidant function and gastrointestinal development of preweaning calves challenged with Escherichia coli O141:K99. Journal of Dairy Science, 2018, 101, 6098-6108.	1.4	26
1240	Neuroprotective effects of Quercetin on radiation-induced brain injury in rats. Journal of Radiation Research, 2018, 59, 404-410.	0.8	55
1241	Effect of Organic Selenium Supplementation on Selenium Status, Oxidative Stress, and Antioxidant Status in Selenium-Adequate Dairy Cows During the Periparturient Period. Biological Trace Element Research, 2018, 186, 430-440.	1.9	33
1242	Effects of vitamin E and selenium supplementation on blood lipid peroxidation and cortisol concentration in dairy cows undergoing omentopexy. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 837-842.	1.0	2
1243	Arsenic, cadmium, and mercury-induced hypertension: mechanisms and epidemiological findings. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2018, 21, 61-82.	2.9	68
1244	Effects of dietary Spirulina platensis on growth performance, hematological and serum biochemical parameters, hepatic antioxidant status, immune responses and disease resistance of Coral trout Plectropomus leopardus (Lacepede, 1802). Fish and Shellfish Immunology, 2018, 74, 649-655.	1.6	52
1245	Influence of feeding thermally peroxidized soybean oil on growth performance, digestibility, and gut integrity in growing pigs. Journal of Animal Science, 2018, 96, 558-569.	0.2	17
1246	Temporal diabetes-induced biochemical changes in distinctive layers of mouse retina. Scientific Reports, 2018, 8, 1096.	1.6	2
1247	Crucial role of chelatable iron in silver nanoparticles induced DNA damage and cytotoxicity. Redox Biology, 2018, 15, 435-440.	3.9	36
1248	Environmental relevant levels of the cytotoxic drug cyclophosphamide produce harmful effects in the polychaete Nereis diversicolor. Science of the Total Environment, 2018, 636, 798-809.	3.9	33
1249	Thermal acclimation of fast-growing Japanese Quails (Coturnix japonica) exhibit decreased oxidative stress and increased muscle fiber diameters after acute heat challenges. Canadian Journal of Zoology, 2018, 96, 1097-1105.	0.4	8
1250	Concentration effects of the UV filter oxybenzone in Cyperus alternifolius: assessment of tolerance by stress-related response. Environmental Science and Pollution Research, 2018, 25, 16080-16090.	2.7	9
1251	Natural antioxidants from sea: a potential industrial perspective in aquafeed formulation. Reviews in Aquaculture, 2018, 10, 385-399.	4.6	49
1252	Arabinoxylan activates lipid catabolism and alleviates liver damage in rats induced by highâ€fat diet. Journal of the Science of Food and Agriculture, 2018, 98, 253-260.	1.7	17
1253	Effects of feeding a Moringa oleifera rachis and twig preparation to dairy cows on their milk production and fatty acid composition, and plasma antioxidants. Journal of the Science of Food and Agriculture, 2018, 98, 661-666.	1.7	11
1254	Modeling of ultrasound-assisted extraction, characterization and in vitro pharmacological potential of polysaccharides from Vaccinium arctostaphylos L International Journal of Biological Macromolecules, 2018, 107, 938-948.	3.6	18
1255	Reactive Oxygen Species and Oncoprotein Signaling-A Dangerous Liaison. Antioxidants and Redox Signaling, 2018, 29, 1553-1588.	2.5	22
1256	Effect of storage on oxidation stability of essential oils derived from culinary herbs and spices. Journal of Food Measurement and Characterization, 2018, 12, 877-883.	1,6	4

#	Article	IF	CITATIONS
1257	UV-induced toxicity of cerium oxide nanoparticles (CeO ₂ NPs) and the protective properties of natural organic matter (NOM) from the Rio Negro Amazon River. Environmental Science: Nano, 2018, 5, 476-486.	2.2	15
1258	Comparison of the effects of flaxseed oil and sunflower seed oil consumption on serum glucose, lipid profile, blood pressure, and lipid peroxidation in patients with metabolic syndrome. Journal of Clinical Lipidology, 2018, 12, 70-77.	0.6	49
1259	Comparative effect of Melissa officinalis aqueous extract, sulfadimidine, and vitamin E–selenium on antioxidant parameters in rabbit experimental coccidiosis. Comparative Clinical Pathology, 2018, 27, 371-378.	0.3	0
1260	Mitochondrial dysfunctions contribute to energy deficits in rodent model of hepatic encephalopathy. Metabolic Brain Disease, 2018, 33, 209-223.	1.4	33
1261	Differential expression of microRNAs associated with thermal stress in Frieswal (Bos taurus x Bos) Tj ETQq0 0 0	rgBT /Ovei	lock 10 Tf 50
1262	Rapamycin mitigates erythrocyte membrane transport functions and oxidative stress during aging in rats. Archives of Physiology and Biochemistry, 2018, 124, 45-53.	1.0	19
1263	Copper-induced cell death and the protective role of glutathione: the implication of impaired protein folding rather than oxidative stress. Metallomics, 2018, 10, 1743-1754.	1.0	65
1264	The Impact of Cumulative Exposure to Blue Light during The Developmental Period of Melanopsin ipRGCs. IOP Conference Series: Earth and Environmental Science, 2018, 197, 012053.	0.2	0
1265	The Role of Peroxiredoxin 6 in Cell Signaling. Antioxidants, 2018, 7, 172.	2.2	65
1266	Levothyroxine Replacement Improves Oxidative Status in Primary Hypothyroidism. Frontiers in Endocrinology, 2018, 9, 655.	1.5	15
1267	Caffeine Protects Skin from Oxidative Stress-Induced Senescence through the Activation of Autophagy. Theranostics, 2018, 8, 5713-5730.	4.6	116
1268	Endometriosis Is a Cause of Infertility. Does Reactive Oxygen Damage to Gametes and Embryos Play a Key Role in the Pathogenesis of Infertility Caused by Endometriosis?. Frontiers in Endocrinology, 2018, 9, 725.	1.5	45
1269	Denaturation of Lysozyme with Visible-light-responsive Photocatalysts of Ground Rhodium-doped and Ground Rhodium-antimony-co-doped Strontium Titanate. Journal of Oleo Science, 2018, 67, 1521-1533.	0.6	2
1270	Relationship between Type 2 Diabetes and Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency and Their Effect on Oxidative Stress. Journal of Diabetes & Metabolism, 2018, 09, .	0.2	1
1271	Cyclophilin 1 (Cyp1) mutation ameliorates oxidative stress-induced defects in a Drosophila DJ-1 null mutant. Biochemical and Biophysical Research Communications, 2018, 505, 823-829.	1.0	1
1272	Effects of hydroxyethyl starch 130/0.4 on the kidney tissue of rats with ureteral obstruction. Drug Design, Development and Therapy, 2018, Volume 12, 3061-3070.	2.0	2
1273	Effects of blue-light irradiation during dental treatment. Japanese Dental Science Review, 2018, 54, 160-168.	2.0	39
1274	FT-IR spectroscopic investigation of ionizing radiation-induced damage in the small intestine of whole-body irradiated rats. Vibrational Spectroscopy, 2018, 99, 146-150.	1.2	17

#	Article	IF	Citations
1275	The assessment of total antioxidant capacity and superoxide dismutase levels, and the possible role of manganese superoxide dismutase polymorphism in acromegaly. Endocrine Journal, 2018, 65, 91-99.	0.7	7
1276	Green tea extract modulates oxidative tissue injury in beta-thalassemic mice by chelation of redox iron and inhibition of lipid peroxidation. Biomedicine and Pharmacotherapy, 2018, 108, 1694-1702.	2.5	33
1277	Oxidative stress, apoptosis and abnormal expression of apoptotic protein and gene and cell cycle arrest in the cecal tonsil of broilers induces by dietary methionine deficiency. Research in Veterinary Science, 2018, 121, 65-75.	0.9	9
1278	Cell Death Mechanisms Induced by Photo-Oxidation Studied at the Cell Scale in the Yeast Saccharomyces cerevisiae. Frontiers in Microbiology, 2018, 9, 2640.	1.5	7
1279	A HPLC method to monitor the occurrence of lipid peroxidation in intravenous lipid emulsions used in parenteral nutrition using in-line UV and charged aerosol detection. Clinical Nutrition ESPEN, 2018, 28, 96-102.	0.5	3
1280	Cellular metabolic rates and oxidative stress profiles in primary fibroblast cells isolated from virgin females, reproductively experienced females, and male Sprague-Dawley rats. Physiological Reports, 2018, 6, e13909.	0.7	4
1281	Curcumin-mediated effects on anti-diabetic drug-induced cardiotoxicity. 3 Biotech, 2018, 8, 399.	1.1	4
1282	Feathers as bioresource: Microbial conversion into bioactive protein hydrolysates. Process Biochemistry, 2018, 75, 1-9.	1.8	41
1283	Effects of mobile phone exposure on biochemical parameters of cord blood: A preliminary study. Electromagnetic Biology and Medicine, 2018, 37, 184-191.	0.7	10
1284	Purification, chemical characterization and antioxidant activities of a novel polysaccharide from Auricularia polytricha. International Journal of Biological Macromolecules, 2018, 120, 1087-1092.	3.6	66
1285	The determination of salivary oxypurines before and after exercise by combined liquid chromatography-field asymmetric waveform ion mobility spectrometry-time-of-flight mass spectrometry. International Journal for Ion Mobility Spectrometry, 2018, 21, 87-95.	1.4	4
1286	The molecular products and biogeochemical significance of lipid photooxidation in West Antarctic surface waters. Geochimica Et Cosmochimica Acta, 2018, 232, 244-264.	1.6	11
1287	Photopolymerizable Materials for Cell Encapsulation. , 2018, , 353-396.		5
1288	Effect of combinations of caffeine and caffeic acid on key enzymes linked to hypertension (in vitro). Oriental Pharmacy and Experimental Medicine, 2018, 18, 247-255.	1.2	8
1289	Nanocytotoxicity., 2018,, 105-114.		3
1290	Combined toxicity of microcystin-LR and copper on lettuce (LactucaÂsativa L.). Chemosphere, 2018, 206, 474-482.	4.2	26
1291	Effect of dietary canthaxanthin and iodine on the production performance and egg quality of laying hens. Poultry Science, 2018, 97, 4008-4019.	1.5	16
1292	Best practices for the design, laboratory analysis, and reporting of trials involving fatty acids. American Journal of Clinical Nutrition, 2018, 108, 211-227.	2.2	138

#	Article	IF	CITATIONS
1293	Reactive Oxygen and Nitrogen Species and Liver Ischemia-Reperfusion Injury: An Overview., 2018,, 79-96.		5
1294	<i>Maerua angolensis</i> DC. (Capparaceae) Stem Bark Extract Protects against Pentylenetetrazole-Induced Oxidative Stress and Seizures in Rats. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-14.	0.5	7
1295	Antioxidative Potential of a <i> Streptomyces</i> sp. MUM292 Isolated from Mangrove Soil. BioMed Research International, 2018, 2018, 1-13.	0.9	28
1296	Photodynamic Therapy and Photobiomodulation: Can All Diseases be Treated with Light?., 2018,, 100-135.		3
1297	DNA damage and protein oxidation associated with ageing correlate with cognitive dysfunction in a Malaysian population. Free Radical Research, 2018, 52, 1000-1009.	1.5	5
1298	Effect of treatment with vitamin D plus calcium on oxidative stress in streptozotocin-induced diabetic rats. Saudi Pharmaceutical Journal, 2018, 26, 1208-1213.	1.2	27
1299	Evaluation of oxidative stress and antioxidant status, serum trace mineral levels and cholinesterases activity in cattle infected with Anaplasma marginale. Microbial Pathogenesis, 2018, 123, 402-409.	1.3	25
1300	Aflatoxin B1 induced renal and cardiac damage in rats: Protective effect of lycopene. Research in Veterinary Science, 2018, 119, 268-275.	0.9	53
1301	Protective Effects of Sesquiterpenoids from the Root of <i>Panax ginseng</i> on Fulminant Liver Injury Induced by Lipopolysaccharide/ <scp>d</scp> -Galactosamine. Journal of Agricultural and Food Chemistry, 2018, 66, 7758-7763.	2.4	28
1302	Effect of gelation and storage conditions on the oxidative stability of microemulsion and nanoemulsion delivery systems. European Journal of Pharmaceutical Sciences, 2018, 124, 17-25.	1.9	12
1303	Yacon leaf extract supplementation demonstrates neuroprotective effect against memory deficit related to Î ² -amyloid-induced neurotoxicity. Journal of Functional Foods, 2018, 48, 665-675.	1.6	11
1304	Effect of lithocholic acid on biologically active $\hat{l}\pm,\hat{l}^2$ -unsaturated aldehydes induced by H2O2 in glioma mitochondria for use in glioma treatment. International Journal of Molecular Medicine, 2018, 41, 3195-3202.	1.8	2
1305	Ferulated Arabinoxylans and Their Gels: Functional Properties and Potential Application as Antioxidant and Anticancer Agent. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-22.	1.9	71
1306	Blood amino acids profile responding to heat stress in dairy cows. Asian-Australasian Journal of Animal Sciences, 2018, 31, 47-53.	2.4	45
1307	Oxidative stress decreases the redox ratio and folate content in the gut microbe, Enterococcus durans (MTCC 3031). Scientific Reports, 2018, 8, 12138.	1.6	20
1308	Antioxidative and Probiotic Activities of Lactic Acid Bacteria Isolated from Traditional Artisanal Milk Cheese from Northeast China. Probiotics and Antimicrobial Proteins, 2019, 11, 1086-1099.	1.9	44
1309	lodonium salt incorporation in dental adhesives and its relation with degree of conversion, ultimate tensile strength, cell viability, and oxidative stress. Clinical Oral Investigations, 2019, 23, 1143-1151.	1.4	5
1310	Serum neopterin and ischemia modified albumin levels are associated with the disease activity of adult immunoglobulin A vasculitis (Henochâ€Schönlein purpura). International Journal of Rheumatic Diseases, 2019, 22, 1920-1925.	0.9	6

#	Article	IF	CITATIONS
1311	Streptomycessp. MUM273b: A mangroveâ€derived potential source for antioxidant and UVB radiation protectants. MicrobiologyOpen, 2019, 8, e859.	1.2	24
1312	The association of low levels of nesfatin-1 and glucagon-like peptide-1 with oxidative stress in Parkinson's disease. Neurological Sciences, 2019, 40, 2529-2535.	0.9	14
1313	A bioactivity and biochemical analysis of iminoctadine tris (albesilate) as a fungicide against Corynespora cassiicola. Pesticide Biochemistry and Physiology, 2019, 158, 121-127.	1.6	22
1314	Protective Effect of Melatonin Against Radiotherapy-Induced Small Intestinal Oxidative Stress: Biochemical Evaluation. Medicina (Lithuania), 2019, 55, 308.	0.8	13
1315	Single-Cell Bacterial Electrophysiology Reveals Mechanisms of Stress-Induced Damage. Biophysical Journal, 2019, 116, 2390-2399.	0.2	31
1316	Addition of tert-butylhydroquinone (TBHQ) to maize oil reduces lipid oxidation but does not prevent reductions in serum vitamin E in nursery pigs. Journal of Animal Science and Biotechnology, 2019, 10, 51.	2.1	3
1317	Protective effects of syringic acid on neurobehavioral deficits and hippocampal tissue damages induced by sub-chronic deltamethrin exposure. Neurotoxicology and Teratology, 2019, 76, 106839.	1.2	23
1318	Oxidative damage and antioxidative system in algae. Toxicology Reports, 2019, 6, 1309-1313.	1.6	234
1319	Anticancer Activity of Alkynylgold(I) with P(NMe2)3 Phosphane in Mouse Colon Tumors and Human Colon Carcinoma Caco-2 Cell Line. Inorganic Chemistry, 2019, 58, 15536-15551.	1.9	13
1320	Evaluating the Effect of replacing fish meal in broiler diets with either Soybean meal or poultry by-product Meal on Broiler Performance and total feed cost per kilogram of gain. Journal of Applied Poultry Research, 2019, 28, 912-918.	0.6	25
1321	Effects of Nâ€nitro Lâ€arginine methyl ester and αâ€tocopherol on testicular oxidative stress caused by exposure to cigarette smoke. Andrologia, 2019, 51, e13355.	1.0	1
1322	Protective effects of distinct proline-rich oligopeptides from B. jararaca snake venom against oxidative stress-induced neurotoxicity. Toxicon, 2019, 167, 29-37.	0.8	14
1323	Diffusion and Transport of Reactive Species Across Cell Membranes. Advances in Experimental Medicine and Biology, 2019, 1127, 3-19.	0.8	57
1324	Biological, Behavioral and Physiological Consequences of Drug-Induced Pregnancy Termination at First-Trimester Human Equivalent in an Animal Model. Frontiers in Neuroscience, 2019, 13, 544.	1.4	9
1325	The Protection Potential of Antioxidant Vitamins Against Acute Respiratory Distress Syndrome: a Rat Trial. Inflammation, 2019, 42, 1585-1594.	1.7	45
1326	Effects of supplementing a Saccharomyces cerevisiae fermentation product during the periparturient period on the immune response of dairy cows fed fresh diets differing in starch content. Journal of Dairy Science, 2019, 102, 6199-6209.	1.4	23
1327	ROS and Oxidative Modification of Cellular Components. , 2019, , 81-105.		0
1328	Effects of Killing Methods on Lipid Oxidation, Colour and Microbial Load of Black Soldier Fly (Hermetia illucens) Larvae. Animals, 2019, 9, 182.	1.0	68

#	Article	IF	Citations
1329	Visible Light Crossâ€Linking of Gelatin Hydrogels Offers an Enhanced Cell Microenvironment with Improved Light Penetration Depth. Macromolecular Bioscience, 2019, 19, e1900098.	2.1	127
1330	Synthesis of new antidiabetic agent by complexity between vanadyl (II) sulfate and vitamin B1: Structural, characterization, antiâ€DNA damage, structural alterations and antioxidative damage studies. Applied Organometallic Chemistry, 2019, 33, e4892.	1.7	12
1331	The effect of dietary n-3 LC-PUFA on the responses to acute and prolonged stress of meagre (Argyrosomus regius, Asso 1801) juveniles. Aquaculture, 2019, 506, 112-118.	1.7	6
1332	Improvement of Colonic Immune Function with Soy Isoflavones in High-Fat Diet-Induced Obese Rats. Molecules, 2019, 24, 1139.	1.7	58
1333	Molecular basis for efficacy of Guduchi and Madhuyashti feeding on different environmental stressors in Drosophila. Cell Stress and Chaperones, 2019, 24, 549-565.	1.2	4
1334	Impact of colibacillosis on production in laying hens associated with interference of the phosphotransfer network and oxidative stress. Microbial Pathogenesis, 2019, 130, 131-136.	1.3	9
1335	Oxidative stress, DNA damage, and mutagenicity induced by the extractable organic matter of airborne particulates on bacterial models. Regulatory Toxicology and Pharmacology, 2019, 104, 59-73.	1.3	20
1336	Role of Oxidative Stress in Tuberculous Meningitis: a Clinico-Radiological Correlation. Journal of Molecular Neuroscience, 2019, 68, 287-294.	1.1	7
1337	Supplementation with dietary ωâ€3 mitigates immobilizationâ€induced reductions in skeletal muscle mitochondrial respiration in young women. FASEB Journal, 2019, 33, 8232-8240.	0.2	40
1338	Evaluation of milk glutathione peroxidase and superoxide dismutase levels in subclinical mastitis in Damascus goats. Turkish Journal of Veterinary and Animal Sciences, 2019, 43, 259-263.	0.2	13
1339	Biological effect of protein modifications by lipid peroxidation products. Chemistry and Physics of Lipids, 2019, 221, 46-52.	1.5	119
1340	Does Cellular Metabolism from Primary Fibroblasts and Oxidative Stress in Blood Differ between Mammals and Birds? The (Lack-thereof) Scaling of Oxidative Stress. Integrative and Comparative Biology, 2019, 59, 953-969.	0.9	29
1341	Copper and iron overload protect Escherichia coli from exogenous H2O2 by modulating membrane phospholipid composition. Environmental Sustainability, 2019, 2, 23-32.	1.4	2
1342	<i>Moringa oleifera</i> Aqueous Leaf Extract Induces Cell-Cycle Arrest and Apoptosis in Human Liver Hepatocellular Carcinoma Cells. Nutrition and Cancer, 2019, 71, 1165-1174.	0.9	24
1343	Highly electrocatalytic biosensor based on Hemin@AuNPs/reduced graphene oxide/chitosan nanohybrids for non-enzymatic ultrasensitive detection of hydrogen peroxide in living cells. Biosensors and Bioelectronics, 2019, 132, 217-223.	5.3	42
1344	Characteristics and in vitro anti-skin aging activity of gallic acid loaded in cationic CTAB niosome. European Journal of Pharmaceutical Sciences, 2019, 131, 39-49.	1.9	58
1345	Phenolic compounds, antioxidant capacity and antimutagenic activity in different growth stages of in vitro raised plants of Origanum vulgare L Molecular Biology Reports, 2019, 46, 2231-2241.	1.0	24
1346	Artificial Z-scheme photocatalytic system: What have been done and where to go?. Coordination Chemistry Reviews, 2019, 385, 44-80.	9.5	265

#	Article	IF	CITATIONS
1347	Effect of dietary inclusion of a commercial polyherbal formulation on some physiological and immune parameters in healthy and stressed hens. Czech Journal of Animal Science, 2019, 64, 448-458.	0.5	10
1348	FGF21 augments autophagy in random-pattern skin flaps via AMPK signaling pathways and improves tissue survival. Cell Death and Disease, 2019, 10, 872.	2.7	41
1349	The Role of Cardiolipin and Mitochondrial Damage in Kidney Transplant. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	12
1350	Photocatalytic Bacterial Inactivation by a Rape Pollen-MoS ₂ Biohybrid Catalyst: Synergetic Effects and Inactivation Mechanisms. Environmental Science & Effects and Inactivation Mechanisms.	4.6	69
1351	Purification, chemical characterization and antioxidant activities of polysaccharides of fruiting bodies of Pleurotus ferulae mushroom. Journal of Food Measurement and Characterization, 2019, 13, 222-230.	1.6	6
1352	Lipoproteins as targets and markers of lipoxidation. Redox Biology, 2019, 23, 101066.	3.9	52
1353	Stress biomarkers and proteomics alteration to thermal stress in ruminants: A review. Journal of Thermal Biology, 2019, 79, 120-134.	1.1	89
1354	Incorporation of pomegranate juice concentrate and pomegranate rind powder extract to improve the oxidative stability of frankfurter during refrigerated storage. LWT - Food Science and Technology, 2019, 102, 237-245.	2.5	41
1355	Nanoparticles as a potential teratogen: a lesson learnt from fruit fly. Nanotoxicology, 2019, 13, 258-284.	1.6	29
1356	Tissue engineered hydrogels supporting 3D neural networks. Acta Biomaterialia, 2019, 95, 269-284.	4.1	40
1357	Naringin abrogates HIV-1 protease inhibitors-induced atherogenic dyslipidemia and oxidative stress in vivo. Journal of Functional Foods, 2019, 52, 156-164.	1.6	7
1358	How does chronic temperature exposure affect hypoxia tolerance in sheepshead minnows' (Cyprinodon variegatus variegatus) ability to tolerate oxidative stress?. Fish Physiology and Biochemistry, 2019, 45, 499-510.	0.9	12
1359	Konjaku flour reduces obesity in mice by modulating the composition of the gut microbiota. International Journal of Obesity, 2019, 43, 1631-1643.	1.6	105
1360	Effect of N-carbamoylglutamate supplementation on the growth performance, antioxidant status and immune response of mirror carp (Cyprinus carpio) fed an arginine-deficient diet. Fish and Shellfish Immunology, 2019, 84, 280-289.	1.6	25
1361	Protein aggregates and proteostasis in aging: Amylin and \hat{l}^2 -cell function. Mechanisms of Ageing and Development, 2019, 177, 46-54.	2.2	48
1362	Punica granatum improves renal function in gentamicin-induced nephropathy in rats via attenuation of oxidative stress. Journal of Ayurveda and Integrative Medicine, 2020, 11, 16-23.	0.9	25
1363	Niacin prevents mitochondrial oxidative stress caused by sub-chronic exposure to methylmercury. Drug and Chemical Toxicology, 2020, 43, 64-70.	1.2	12
1364	Does Vitamin E Supplementation Enhance Growth Benefits of Breeding Helpers at No Oxidative Costs?. Physiological and Biochemical Zoology, 2020, 93, 37-48.	0.6	4

#	Article	IF	CITATIONS
1365	Biochemical and molecular changes mediated by plasticizer diethyl phthalate in Chironomus circumdatus (bloodworms). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 228, 108650.	1.3	7
1366	Sweet Cherry Extract Targets the Hallmarks of Cancer in Prostate Cells: Diminished Viability, Increased Apoptosis and Suppressed Glycolytic Metabolism. Nutrition and Cancer, 2020, 72, 917-931.	0.9	10
1367	Endogenous NO Is Involved in Dissimilar Responses to Rehydration and Pb(NO3)2 in Ramalina farinacea Thalli and Its Isolated Phycobionts. Microbial Ecology, 2020, 79, 604-616.	1.4	8
1368	Sesame Seed and Its Fractions for Improving Oxidative Stress in Adults: A Systematic Review and Meta-analysis of Controlled Clinical Trials. Food Reviews International, 2020, 36, 727-744.	4.3	6
1369	Effect of Dietary Inclusion of <i>Gynura divaricata</i> (L.) on Growth Performance, Hematology, and Carcass Fat Deposition in Broilers. Journal of Poultry Science, 2020, 57, 114-123.	0.7	1
1370	Decreased malondialdehyde levels in fish (Astyanax altiparanae) exposed to diesel: Evidence of metabolism by aldehyde dehydrogenase in the liver and excretion in water. Ecotoxicology and Environmental Safety, 2020, 190, 110107.	2.9	36
1371	The effects of pretreatment with lithium metaborate dihydrate on lipid peroxidation and Ca, Fe, Mg, and K levels in serum of Wistar albino male rats exposed to Cd. Environmental Science and Pollution Research, 2020, 27, 7702-7711.	2.7	7
1372	Oxidative stress, hematological and biochemical alterations induced by sub-acute exposure to fipronil (COACHÂ $^{\circ}$) in albino mice and ameliorative effect of selenium plus vitamin E. Environmental Science and Pollution Research, 2020, 27, 7886-7900.	2.7	14
1373	Impact of purified lignin on performance, rumen health, oxidative stress control and meat quality of lambs fed a high-concentrate diet. Livestock Science, 2020, 231, 103882.	0.6	6
1374	Mass Spectrometry Reveals New Insights into the Production of Superoxide Anions and 4â∈Hydroxynonenal Adducted Proteins in Human Sperm. Proteomics, 2020, 20, e1900205.	1.3	10
1375	Phytotoxicity induced by perfluorooctanoic acid and perfluorooctane sulfonate via metabolomics. Journal of Hazardous Materials, 2020, 389, 121852.	6.5	57
1376	Antioxidant status following postprandial challenge of two different doses of tocopherols and tocotrienols. Journal of Integrative Medicine, 2020, 18, 68-79.	1.4	5
1377	Sequential extracts of red honeybush (<i>Cyclopia genistoides ⟨i⟩) tea: Chemical characterization, antioxidant potentials, and antiâ€hyperglycemic activities. Journal of Food Biochemistry, 2020, 44, e13478.</i>	1,2	4
1378	Antioxidant activity of novel imidazo[2,1-b]thiazole derivatives: Design, synthesis, biological evaluation, molecular docking study and in silico ADME prediction. Bioorganic Chemistry, 2020, 103, 104220.	2.0	33
1379	Beyond survival experiments: using biomarkers of oxidative stress and neurotoxicity to assess vulnerability of subterranean fauna to climate change., 2020, 8, coaa067.		18
1380	Untangling life span and body mass discrepancies in canids: phylogenetic comparison of oxidative stress in blood from domestic dogs and wild canids. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R203-R210.	0.9	10
1381	Visualization of oxidative stress-induced carbonylation in live mammalian cells. Methods in Enzymology, 2020, 641, 165-181.	0.4	2
1382	Effect of sodium molybdate on cadmium-related testicular damage in adult male Wistar rats. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126621.	1.5	2

#	Article	IF	CITATIONS
1383	Cytotoxic responses of the anticancer drug cyclophosphamide in the mussel Mytilus galloprovincialis and comparative sensitivity with human cells lines. Chemosphere, 2020, 261, 127678.	4.2	9
1384	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. Frontiers in Cell and Developmental Biology, 2020, 8, 591067.	1.8	29
1385	Edible dairy formula fortified with coconut oil for neuroprotection against aluminium chloride-induced Alzheimer's disease in rats. Journal of Functional Foods, 2020, 75, 104296.	1.6	20
1386	Potential of Mulberry Leaf Biomass and Its Flavonoids to Improve Production and Health in Ruminants: Mechanistic Insights and Prospects. Animals, 2020, 10, 2076.	1.0	35
1387	Inactivation effect and mechanisms of combined ultraviolet and metal-doped nano-TiO2 on treating Escherichia coli and Enterococci in ballast water. Environmental Science and Pollution Research, 2020, 27, 40286-40295.	2.7	5
1388	Stress–response relationships related to ageing and death of orthodox seeds: a study comparing viability and RNA integrity in soya bean (<i>Glycine max</i>) cv. Williams 82. Seed Science Research, 2020, 30, 161-172.	0.8	5
1389	Betulinic Acid Attenuates Oxidative Stress in the Thymus Induced by Acute Exposure to T-2 Toxin via Regulation of the MAPK/Nrf2 Signaling Pathway. Toxins, 2020, 12, 540.	1.5	33
1390	Dry architecture: towards the understanding of the variation of longevity in desiccation-tolerant germplasm. Seed Science Research, 2020, 30, 142-155.	0.8	64
1391	Oxidative stress tolerance and antioxidant capacity of lactic acid bacteria as probiotic: a systematic review. Gut Microbes, 2020, 12, 1801944.	4.3	212
1392	Protective role of mitoquinone against impaired mitochondrial homeostasis in metabolic syndrome. Critical Reviews in Food Science and Nutrition, 2021, 61, 3857-3875.	5.4	28
1393	Profiling and Targeting of Energy and Redox Metabolism in Grade 2 Bladder Cancer Cells with Different Invasiveness Properties. Cells, 2020, 9, 2669.	1.8	15
1394	Pharmacological Activity of Eriodictyol: The Major Natural Polyphenolic Flavanone. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	0.5	32
1395	Screening of Antibacterial Activity, Antioxidant Activity, and Anticancer Activity of Euphorbia hirta Linn. Extracts. Applied Sciences (Switzerland), 2020, 10, 8408.	1.3	11
1396	Effect of Castor and Cashew Nut Shell Oils, Selenium and Vitamin E as Antioxidants on the Health and Meat Stability of Lambs Fed a High-Concentrate Diet. Antioxidants, 2020, 9, 1298.	2.2	8
1397	Lycopene as an antioxidant in human health and diseases. , 2020, , 247-254.		7
1398	Biochemical assay and spectroscopic analysis of oxidative/antioxidative parameters in the blood and serum of substance use disorders patients. A methodological comparison study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118625.	2.0	14
1399	Polystyrene microplastics cause cardiac fibrosis by activating Wnt/ \hat{l}^2 -catenin signaling pathway and promoting cardiomyocyte apoptosis in rats. Environmental Pollution, 2020, 265, 115025.	3.7	103
1400	Antioxidants and antioxidant methods: an updated overview. Archives of Toxicology, 2020, 94, 651-715.	1.9	949

#	Article	IF	CITATIONS
1401	Evaluation of the modulatory effects of Piper guineense leaves and seeds on egg albumin-induced inflammation in experimental rat models. Journal of Ethnopharmacology, 2020, 255, 112762.	2.0	6
1402	The relationship between acrosome reaction and polyunsaturated fatty acid composition in boar sperm. Reproduction in Domestic Animals, 2020, 55, 624-631.	0.6	9
1403	Polyvinyl chloride microplastics induce growth inhibition and oxidative stress in Cyprinus carpio var. larvae. Science of the Total Environment, 2020, 716, 136479.	3.9	159
1404	Effects of white, yellow, and blue colored LEDs on milk production, milk composition, and physiological responses in dairy cattle. Animal Science Journal, 2020, 91, e13337.	0.6	4
1405	Algal toxicity induced by effluents from textile-dyeing wastewater treatment plants. Journal of Environmental Sciences, 2020, 91, 199-208.	3.2	47
1406	Cell membrane damage induced by continuous stress of artemisinin sustained-release microspheres (ASMs) on Microcystis aeruginosa at different physiological stages. Environmental Science and Pollution Research, 2020, 27, 12624-12634.	2.7	11
1407	Tannins of Conifer Bark as Nordic Piquancyâ€"Sustainable Preservative and Aroma?. Molecules, 2020, 25, 567.	1.7	34
1408	The Effects of Dietary Inclusion of Bilberry and Walnut Leaves in Laying Hens' Diets on the Antioxidant Properties of Eggs. Animals, 2020, 10, 191.	1.0	33
1409	Prolonged Hyperoxygenation Treatment Improves Vein Graft Patency and Decreases Macrophage Content in Atherosclerotic Lesions in ApoE3*Leiden Mice. Cells, 2020, 9, 336.	1.8	9
1410	Mediation of oxidative stress toxicity induced by pyrethroid pesticides in fish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 234, 108758.	1.3	84
1411	Facile Mixing of Phospholipids Promotes Self-Assembly of Low-Molecular-Weight Biodegradable Block Co-Polymers into Functional Vesicular Architectures. Polymers, 2020, 12, 979.	2.0	13
1412	Principles and applications of non-thermal technologies and alternative chemical compounds in meat and fish. Critical Reviews in Food Science and Nutrition, 2021, 61, 1163-1183.	5.4	63
1413	Oxidative stress, growth inhibition, and DNA damage in earthworms induced by the combined pollution of typical neonicotinoid insecticides and heavy metals. Science of the Total Environment, 2021, 754, 141873.	3.9	64
1414	Oxidative stress mitigation by antioxidants - An overview on their chemistry and influences on health status. European Journal of Medicinal Chemistry, 2021, 209, 112891.	2.6	328
1415	Joint effects of microplastic and dufulin on bioaccumulation, oxidative stress and metabolic profile of the earthworm (Eisenia fetida). Chemosphere, 2021, 263, 128171.	4.2	61
1416	Thermal stress causes oxidative stress and physiological changes in female rabbits. Journal of Thermal Biology, 2021, 95, 102780.	1.1	12
1417	Development and Application of a Peroxyl Radical Clock Approach for Measuring Both Hydrogen-Atom Transfer and Peroxyl Radical Addition Rate Constants. Journal of Organic Chemistry, 2021, 86, 153-168.	1.7	17
1418	Different Ratios of Corn and Coconut Oil Blends in Highâ€Fat Diets Influence Fat Deposition without Altering Metabolic Biomarkers in Male Rats. European Journal of Lipid Science and Technology, 2021, 123, 2000204.	1.0	2

#	Article	IF	CITATIONS
1419	Effective photocatalytic inactivation of the plant-pathogen Rhizobium radiobacter by carbon-based material: Mechanism and agriculture application. Chemical Engineering Journal, 2021, 407, 127047.	6.6	6
1420	Heat shock proteins and antioxidants as mechanisms of response to ivermectin in the dung beetle Euoniticellus intermedius. Chemosphere, 2021, 269, 128707.	4.2	8
1421	Partially saturated canthaxanthin alleviates aging-associated oxidative stress in d-galactose administered male wistar rats. Biogerontology, 2021, 22, 19-34.	2.0	2
1422	An update on the techniques used to measure oxidative stress in seminal plasma. Andrologia, 2021, 53, e13726.	1.0	13
1423	Optimization ultrasonic–microwave-assisted extraction of phenolic compounds from Clinacanthus nutans using response surface methodology. Journal of Advanced Pharmaceutical Technology and Research, 2021, 12, 190.	0.4	8
1424	Lipid remodeling in response to methionine stress in MDA-MBA-468 triple-negative breast cancer cells. Journal of Lipid Research, 2021, 62, 100056.	2.0	10
1425	Pomegranate peel attenuates dextran sulfate sodiumâ€induced lipid peroxidation in rat small intestine by enhancing the glutathione/glutathione disulfide redox potential. Journal of the Science of Food and Agriculture, 2021, 101, 4278-4287.	1.7	7
1426	Phloretin Ameliorates Acetic Acid Induced Colitis Through Modulation of Immune and Inflammatory Reactions in Rats. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 163-172.	0.6	5
1427	Survival strategies on a semi-arid island: submersion and desiccation tolerances of fiddler crabs from the Galapagos Archipelago. Marine Biology, 2021, 168, 1.	0.7	8
1428	Biological activities of a newly synthesized pyrazoline derivative 4-(3-(4-bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) benzenesulfonamide (B4) compound on rainbow trout alevins, Oncorhynchus mykiss. In Vitro Cellular and Developmental Biology - Animal. 2021, 57, 17-20.	0.7	2
1429	Oxidative stress, <scp>DNA</scp> damage, inflammation and gene expression in occupationally exposed university hospital anesthesia providers. Environmental and Molecular Mutagenesis, 2021, 62, 155-164.	0.9	8
1430	Antioxidant Activity and Capacity Measurement. Reference Series in Phytochemistry, 2021, , 1-66.	0.2	2
1431	Moringa Oleifera leaf extract exerts antiproliferative effects and induces mitochondria mediated apoptosis within rat glioblastoma (c6) cells. Pharmacognosy Magazine, 2021, 17, 240.	0.3	0
1432	Investigating morphology-dependent antibacterial property of ZnO nanoparticles and developing an insight into oxidative stress generation and cellular response. Biologia (Poland), 2021, 76, 1339-1348.	0.8	4
1433	Role of anti-filarial drugs in inducing ER stress mediated signaling in bovine filarial parasitosis Setaria cervi. Veterinary Parasitology, 2021, 290, 109357.	0.7	7
1434	The Potential Anti-Obesity, Anti-Diabetic and Anti-Oxidant Effects of Vitamin a in Streptozotocin-Induced Diabetic Mice. Journal of Pharmaceutical Research International, 0, , 50-64.	1.0	1
1435	Osmotic fragility in essential hypertension revisited: A correlation with Iron status and lipid profile. Journal of Physics: Conference Series, 2021, 1853, 012032.	0.3	0
1436	AMELIORATIVE EFFECTS OF HESPERIDIN AND MELATONIN AGAINST ACETAMINOPHEN-INDUCED NEPHROTOXICITY IN ADULT ALBINO RATS. The Egyptian Journal of Forensic Sciences and Applied Toxicology, 2021, 21, 31-46.	0.1	2

#	Article	IF	CITATIONS
1437	Role of Fatty Acid Chemical Structures on Underlying Mechanisms of Neurodegenerative Diseases and Gut Microbiota. European Journal of Lipid Science and Technology, 2021, 123, 2000341.	1.0	0
1438	Tart Cherry Supplementation and Recovery From Strenuous Exercise: A Systematic Review and Meta-Analysis. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 154-167.	1.0	9
1439	2D vanadium carbide MXenzyme to alleviate ROS-mediated inflammatory and neurodegenerative diseases. Nature Communications, 2021, 12, 2203.	5.8	222
1440	Dynamic Oxidative Potential of Organic Aerosol from Heated Cooking Oil. ACS Earth and Space Chemistry, 2021, 5, 1150-1162.	1.2	13
1441	Impact of travel by walk and road on testicular hormones, oxidants, traces minerals, and acute phase response biomarkers of dromedary camels. Heliyon, 2021, 7, e06879.	1.4	1
1442	EFFICACY OF TRITICUM AESTIVUM (WHEATGRASS) AGAINST ARSENIC INDUCED HEPATIC DAMAGES. Asian Journal of Pharmaceutical and Clinical Research, 0, , 77-82.	0.3	1
1443	A comprehensive study on 2D, 3D and solid tumor environment to explore a multifunctional biogenic nanoconjugate. Scientific Reports, 2021, 11, 8721.	1.6	2
1444	Oxidative Stress Testing: Indirect Tests. , 2021, , 123-141.		О
1445	Oxidative stress in response to heat stress in wild caught Namaqua rock mice, Micaelamys namaquensis. Journal of Thermal Biology, 2021, 98, 102958.	1.1	5
1446	Annatto seeds as Antioxidants Source with Linseed Oil for Dairy Cows. Animals, 2021, 11, 1465.	1.0	8
1447	Vitamin D3 attenuates oxidative stress and regulates glucose level and leukocyte count in a semi-chronic streptozotocin-induced diabetes model. Journal of Diabetes and Metabolic Disorders, 2021, 20, 771-779.	0.8	4
1448	Protective effects of apocynin against ionizing radiation-induced hepatotoxicity in rats. Biotechnic and Histochemistry, 2021, , 1-8.	0.7	O
1449	Sirtuins: Potential Therapeutic Targets for Defense against Oxidative Stress in Spinal Cord Injury. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	19
1450	Hypoglycemic and antioxidative activities of ethanol seed extract of Hunteria umbellate (Hallier F.) on streptozotocin-induced diabetic rats. Clinical Phytoscience, 2021, 7, .	0.8	16
1451	Combination of cyanidinâ€3â€Oâ€glucoside and cisplatin induces oxidative stress and apoptosis in HeLa cells by reducing activity of endogenous antioxidants, increasing <i>bax/bclâ€2</i> mRNA expression ratio, and downregulating Nrf2 expression. Journal of Food Biochemistry, 2021, 45, e13806.	1.2	14
1452	Karmaya İlave Edilen Kekik Uçucu Yağı veya Acı Biber Ekstraktının Kuzu Etlerinde Oksidatif Duruma Et Hayvansal Üretim, 0, , .	:kisi 0.2	О
1453	Alleviating Effects of Vitamins C and E Supplementation on Oxidative Stress, Hematobiochemical, and Histopathological Alterations Caused by Copper Toxicity in Broiler Chickens. Animals, 2021, 11, 1739.	1.0	12
1454	Alginate oligosaccharide improves fat metabolism and antioxidant capacity in the liver of grass carp (Ctenopharyngodon idellus). Aquaculture, 2021, 540, 736664.	1.7	6

#	Article	IF	CITATIONS
1455	Oxidative Stress in Non-Dialysis-Dependent Chronic Kidney Disease Patients. International Journal of Environmental Research and Public Health, 2021, 18, 7806.	1.2	8
1456	Selenium Biofortification of Soybean Seeds Influences Physiological Responses of Seedlings to Osmotic Stress. Plants, 2021, 10, 1498.	1.6	14
1457	Fats and oils in pig nutrition: Factors affecting digestion and utilization. Animal Feed Science and Technology, 2021, 277, 114950.	1.1	10
1458	Hippocampus kuda protein hydrolysate improves male reproductive dysfunction in diabetic rats. Biomedicine and Pharmacotherapy, 2021, 140, 111760.	2.5	10
1459	Reactive oxygen species in exercise and insulin resistance: Working towards personalized antioxidant treatment. Redox Biology, 2021, 44, 102005.	3.9	30
1460	Detection of Oxidative Stress Induced by Nanomaterials in Cellsâ€"The Roles of Reactive Oxygen Species and Glutathione. Molecules, 2021, 26, 4710.	1.7	42
1461	Maternal fructose consumption downregulates hippocampal catalase expression via DNA methylation in rat offspring. Nutrition Research, 2021, 92, 40-48.	1.3	15
1462	Antioxidant Activity of Deferasirox and Its Metal Complexes in Model Systems of Oxidative Damage: Comparison with Deferiprone. Molecules, 2021, 26, 5064.	1.7	10
1463	Protective effect of apigenin on ethylene glycol-induced urolithiasis via attenuating oxidative stress and inflammatory parameters in adult male Wistar rats. Life Sciences, 2021, 279, 119641.	2.0	15
1464	Efficacy of Acriflavine for controlling parasitic diseases in farmed Nile tilapia with emphasis on fish health, gene expression analysis, oxidative stress, and histopathological alterations. Aquaculture, 2021, 541, 736791.	1.7	10
1465	Interaction of Smoking and Lead Exposure among Carriers of Genetic Variants Associated with a Higher Level of Oxidative Stress Indicators. International Journal of Environmental Research and Public Health, 2021, 18, 8325.	1.2	2
1466	iAnt: Combination of Convolutional Neural Network and Random Forest Models Using PSSM and BERT Features to Identify Antioxidant Proteins. Current Bioinformatics, 2022, 17, 184-195.	0.7	15
1467	Azadirachta indica aqueous leaf extracts ameliorates coccidiosis in broiler chickens experimentally infected with Eimeria oocysts. Scientific African, 2021, 13, e00851.	0.7	4
1468	Evolution of lipid characteristics and minor compounds in hazelnut oil based on partial least squares regression during accelerated oxidation process. LWT - Food Science and Technology, 2021, 150, 112025.	2.5	8
1469	Oxidative stress in tissues of gilthead seabream (Sparus aurata) and European seabass (Dicentrarchus) Tj ETQq0 (2021, 8, 100070.	0 0 rgBT /0 1.1	Overlock 10 1 5
1470	Moderate beer consumption promotes silymarin-like redox status without affecting the liver integrity in vivo. Food Bioscience, 2021, 43, 101307.	2.0	4
1471	Effects of chronic exposure to environmental levels of tributyltin on the lined seahorse (Hippocampus erectus) liver: Analysis of bioaccumulation, antioxidant defense, and immune gene expression. Science of the Total Environment, 2021, 801, 149646.	3.9	16
1472	Probiotic characterization of bacterial strains from fermented South Indian tomato pickle and country chicken intestine having antioxidative and antiproliferative activities. Journal of Applied Microbiology, 2021, 131, 949-963.	1.4	5

#	Article	IF	CITATIONS
1474	Polycyclic Aromatic Hydrocarbons and Neurological Disorders: From Exposure to Preventive Interventions. Emerging Contaminants and Associated Treatment Technologies, 2021, , 335-353.	0.4	0
1475	Role of Fe(III) in Fe(II)citrate-mediated peroxidation of mitochondrial membrane lipids. , 1999, , 163-168.		2
1476	Diet and Nutrition in the Etiology and Primary Prevention of Colon Cancer., 1997, , 57-95.		10
1477	Antioxidant Activity of Vitamin A within Lipid Environments. Sub-Cellular Biochemistry, 1998, 30, 113-143.	1.0	22
1478	Isoprostanes in the Assessment of Oxidant Stress In Vivo., 1999,, 127-139.		2
1479	Iron and Heart Disease. , 2005, , 173-190.		1
1480	Oxidative Stress in Ruminants. Oxidative Stress in Applied Basic Research and Clinical Practice, 2011, , 191-231.	0.4	42
1481	Ethanol-Induced Lipid Peroxidation and Apoptosis in Embryopathy. , 2013, , 35-62.		2
1482	Oxidative Stress Measurement in Semen and Seminal Plasma. , 2020, , 69-97.		2
1483	Evolving measurements of radical products — how much do they tell us about inflammation?. , 2000, , 221-239.		2
1484	Vitamin E and antioxidant interactions in biological systems. , 1995, , 237-258.		2
1485	Photopolymerizable Materials for Cell Encapsulation. , 2017, , 1-43.		2
1486	Methods to Measure Reactive Oxygen Species (ROS) and Total Antioxidant Capacity (TAC) in the Reproductive System., 2017,, 17-46.		19
1487	Free Radical Biology of Eye Diseases. , 2014, , 3599-3623.		1
1488	Asbestos-Induced Oxidative Stress in Lung Pathogenesis. , 2014, , 1587-1610.		2
1489	Possible Mechanisms of ω-3 PUFA Anti-tumour Action. , 2010, , 3-38.		7
1490	The Biological Significance of Oxygen-Derived Species. , 1995, , 313-335.		15
1491	Antioxidant potential of Stevia rebaudiana (Bertoni)., 2020,, 345-356.		5

#	Article	IF	CITATIONS
1492	Drug-Induced Liver Injury., 2018, , 844-890.e17.		2
1493	Drug-Induced Liver Injury., 2006,, 503-550.		3
1494	Obesity-induced testicular oxidative stress, inflammation and apoptosis: Protective and therapeutic effects of orlistat. Reproductive Toxicology, 2020, 95, 113-122.	1.3	39
1495	In vitro production of long chain pyrrole fatty esters from carbonyl-amine reactions Journal of Lipid Research, 1995, 36, 725-735.	2.0	43
1496	Elevated serum antioxidant capacity and plasma malondialdehyde concentration in response to a simulated half-marathon run. Medicine and Science in Sports and Exercise, 1998, 30, 1603-1607.	0.2	143
1497	MeHg Causes Ultrastructural Changes in Mitochondria and Autophagy in the Spinal Cord Cells of Chicken Embryo. Journal of Toxicology, 2018, 2018, 1-12.	1.4	10
1498	Avalia \tilde{A} S \tilde{A} £o do metabolismo oxidativo de ovinos intoxicados por cobre e tratados com tetratiomolibdato associado ou n \tilde{A} £o a vitaminas antioxidantes. Brazilian Journal of Veterinary Research and Animal Science, 2010, 47, 421.	0.2	3
1499	Modulation of Oxidant Stress In Vivo in Chronic Cigarette Smokers. Circulation, 1996, 94, 19-25.	1.6	507
1500	Increased Formation of the Isoprostanes IPF $<$ sub >2 Î $\pm <$ /sub $>$ -I and 8-Epi-Prostaglandin F $<$ sub $>$ 2Î $\pm <$ /sub $>$ in Acute Coronary Angioplasty. Circulation, 1997, 96, 3314-3320.	1.6	185
1501	The early pattern of conjugated dienes in liver and lung after endotoxin exposure American Journal of Respiratory and Critical Care Medicine, 1995, 151, 780-784.	2.5	6
1502	Initial Stage of Lipid Peroxidation with HO2• Radicals. Kinetic Study. American Journal of Physical Chemistry, 2013, 2, 44.	0.4	6
1503	Effects of a Single Low-Intensity Resistance Exercise Session on Lipid Peroxidation of Untrained Male Students. American Journal of Sports Science, 2014, 2, 87.	0.2	4
1504	Melatonin inhibits cytosolic mitochondrial DNA–induced neuroinflammatory signaling in accelerated aging and neurodegeneration. Journal of Clinical Investigation, 2020, 130, 3124-3136.	3.9	104
1506	Physiological Effects ofEicosapentaenoic Acid(EPA) andDocosahexaenoic Acid(DHA)—A Review. Nutraceutical Science and Technology, 2007, , 635-650.	0.0	1
1507	Nutrition and Disease Resistance in Fish. , 2008, , 479-545.		7
1508	Influence of Long Chain Unsaturated Fatty Acids in Formula Feeds on Lipid Peroxidation and Antioxidants in Preterm Infants. Pediatric Research, 1996, 40, 680-686.	1.1	32
1509	Oxidative Stress during Post-Hypoxic-Ischemic Reperfusion in the Newborn Lamb: The Effect of Nitric Oxide Synthesis Inhibition. Pediatric Research, 1997, 41, 321-326.	1.1	27
1510	Elevated Free Radical Products in the Cerebrospinal Fluid of VLBW Infants with Cerebral White Matter Injury. , 0, .		13

#	Article	IF	Citations
1511	Acute Effects of Air Pollution on Pulmonary Function, Airway Inflammation, and Oxidative Stress in Asthmatic Children. Environmental Health Perspectives, 2009, 117, 668-674.	2.8	208
1512	Acute Effects of Air Pollution on Pulmonary Function, Airway Inflammation, and Oxidative Stress in Asthmatic Children. Environmental Health Perspectives, 2009, 117, 668-674.	2.8	170
1513	In Vitro Antioxidant Activity of Three Piper Species. Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals, 2008, 7, 49-64.	0.1	19
1515	In vitro monitoring of photoinduced necrosis in HeLa cells using digital holographic microscopy and machine learning. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 346.	0.8	23
1516	Linoleic Acid-Induced Ultra-Weak Photon Emission from Chlamydomonas reinhardtii as a Tool for Monitoring of Lipid Peroxidation in the Cell Membranes. PLoS ONE, 2011, 6, e22345.	1.1	55
1517	Candidate Markers Associated with the Probability of Future Pulmonary Exacerbations in Cystic Fibrosis Patients. PLoS ONE, 2014, 9, e88567.	1.1	46
1518	Modulation of Membrane Lipid Composition and Homeostasis in Salmon Hepatocytes Exposed to Hypoxia and Perfluorooctane Sulfonamide, Given Singly or in Combination. PLoS ONE, 2014, 9, e102485.	1.1	17
1519	Temporal Changes in Rat Liver Gene Expression after Acute Cadmium and Chromium Exposure. PLoS ONE, 2015, 10, e0127327.	1.1	33
1520	Biophysical analysis of the effect of chemical modification by 4-oxononenal on the structure, stability, and function of binding immunoglobulin protein (BiP). PLoS ONE, 2017, 12, e0183975.	1.1	4
1521	Heat and dehydration induced oxidative damage and antioxidant defenses following incubator heat stress and a simulated heat wave in wild caught four-striped field mice Rhabdomys dilectus. PLoS ONE, 2020, 15, e0242279.	1.1	21
1523	Vitamin D status and oxidative stress in diabetes mellitus. Cellular and Molecular Biology, 2018, 64, 60-69.	0.3	22
1524	Free Radicals, Exercise, and Antioxidants. Journal of Strength and Conditioning Research, 1999, 13, 175.	1.0	26
1525	Cytokine Response and Oxidative Stress Status in Dairy Cows with Acute Clinical Mastitis. Journal of Dairy Veterinary & Animal Research, 2015, 3, .	0.3	9
1526	Butanolic fraction of Moringa oleifera Lam. (Moringaceae) attenuates isoprotrenol-induced cardiac necrosis and oxidative stress in rats: an EPR study. EXCLI Journal, 2015, 14, 64-74.	0.5	14
1527	Effects of dietary vitamin E deficiency on systematic pathological changes and oxidative stress in fish. Oncotarget, 2016, 7, 83869-83879.	0.8	12
1528	Shikonin protects against D-Galactosamine and lipopolysaccharide-induced acute hepatic injury by inhibiting TLR4 signaling pathway. Oncotarget, 2017, 8, 91542-91550.	0.8	9
1530	Anti-Oxidant Drugs: Novelties and Clinical Implications in Cerebellar Ataxias. Current Neuropharmacology, 2018, 17, 21-32.	1.4	4
1531	Protection against Mitochondrial Oxidative-Stress by Flesh-Extract of Edible Freshwater Snail Bellamya bengalensis Prevents Arsenic Induced DNA and Tissue Damage. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1266-1273.	0.9	4

#	Article	IF	CITATIONS
1532	The Relationship Between Dietary Lipids and Serum Visfatin and Adiponectin Levels in Postmenopausal Women. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2014, 14, 84-92.	0.6	7
1534	Cholinesterase Activities and Oxidative Stress in Cattle Experimentally Exposed to Nitrate/Nitrite in Cultivated Pasture with Different Fertilization Schemes. Acta Scientiae Veterinariae, 2018, 46, 9.	0.2	1
1535	Estrés oxidativo: origen, evolución y consecuencias de la toxicidad del oxÃgeno. Nova, 2012, 10, 213-225.	0.2	11
1536	Effect of supplemental vitamin E on the performance of growing-finishing pigs fed stored versus freshly harvested barley and on the storage stability and eating quality of frozen pork. Agricultural and Food Science, 1999, 8, 9-18.	0.3	2
1537	Temporal sequence of major biochemical events during blood bank storage of packed red blood cells. Blood Transfusion, 2012, 10, 453-61.	0.3	58
1538	Antioxidant activity of JM113 in vitro and its protective effect on broiler chickens challenged with deoxynivalenol. Journal of Animal Science, 2017, 95, 837.	0.2	20
1539	The Potential Benefit of Monitoring Oxidative Stress and Inflammation in the Prevention of Non-Communicable Diseases (NCDs). Antioxidants, 2021, 10, 15.	2.2	36
1540	Impact of Mycotoxins on Animals' Oxidative Status. Antioxidants, 2021, 10, 214.	2.2	56
1541	Effects of Dendropanax morbifera Leaf Extracts on Lipid Profiles in Mice Fed a High-Fat and High-Cholesterol Diet. Journal of the Korean Society of Food Science and Nutrition, 2015, 44, 641-648.	0.2	13
1542	Basic Study on Enhancement of Antioxidant Function by Low-dose Irradiation in Mouse Brain and Its Combined Effect with Ascorbic Acid. Radioisotopes, 2020, 69, 45-53.	0.1	1
1543	Antioxidative effect of lactic acid bacteria: Intact cells vs. intracellular extracts. Journal of Food and Drug Analysis, 2010, 17, .	0.9	5
1544	Free Radical Scavenging Activity of Mussaenda glabra. Journal of Applied Sciences, 2006, 6, 2251-2256.	0.1	5
1545	Immune Boosting Herbs: Lipid Peroxidation in Liver Homogenate as Index of Activity. Journal of Pharmacology and Toxicology, 2007, 2, 190-195.	0.4	6
1546	Modulatory Role of Terminalia chebula on Erythrocyte Defenses in Young and Aged Rats. Journal of Pharmacology and Toxicology, 2007, 2, 709-717.	0.4	1
1547	Potassium Bromate-induced Changes in the Adult Mouse Cerebellum Are Ameliorated by Vanillin. Biomedical and Environmental Sciences, 2018, 31, 115-125.	0.2	6
1548	The Chemical Composition and Oxidative Stability of Alaska Commercial Salmon Oils. , 2010, , .		2
1549	Antioxidative and hypocholesterolemic effect of <i>Lactobacillus casei</i> ssp <i>casei</i> (biodefensive) Tj ETQq0	0.1gBT	Overlock 10
1550	Evaluation of effects of Maṇá¸urabhasma on structural and functional integrity of small intestine in comparison with ferrous sulfate using an experimental model of iron deficiency anemia. Ancient Science of Life: Journal of International Institute of Ayurveda, 2015, 34, 134.	0.3	1

#	Article	IF	CITATIONS
1551	Efficacy and safety of parenteral omega 3 fatty acids in ventilated patients with acute lung injury. Indian Journal of Critical Care Medicine, 2011, 15, 108-113.	0.3	44
1552	Stability, clinical efficacy, and antioxidant properties of Honeybush extracts in semi-solid formulations. Pharmacognosy Magazine, 2015, 11, 337.	0.3	8
1553	Comparative analysis of the oxidative stress and antioxidant status in type II diabetics and nondiabetics: A biochemical study. Journal of Oral and Maxillofacial Pathology, 2017, 21, 394.	0.3	14
1554	Antioxidant potential of Solanum nigrum aqueous leaves extract in modulating restraint stress-induced changes in rat's liver. Journal of Pharmacy and Bioallied Sciences, 2019, 11, 60.	0.2	13
1555	An Insight in to the Pathogenesis of Diabetic Vascular Diseases: Role of Oxidative Stress and Antioxidants. Pharmaceutica Analytica Acta, 2013, 04, .	0.2	2
1556	Biochemica and Physiological Changes during Thermal Stress in Bovines. Journal of Veterinary Science & Technology, 2013, 04, .	0.3	12
1557	Dietary Vanadium Induces Decrease in Antioxidant Enzyme Activities and Oxidative Stress in the Spleens of Broilers., 2012, 02, .		3
1558	Fluoride Induces Morphological and Biochemical Changes in Goat Eye Lens. , 2014, 04, .		2
1559	Influence of Therapy on Some Important Final Products of Oxidation of Lipids, Proteins and Nucleic Acids in Patients with Parkinson's Diseases. Advances in Biological Chemistry, 2014, 04, 253-260.	0.2	1
1560	The Activity of Serum 8-Iso-Prostaglandin F2 <i>î±</i> as Oxidative Stress Marker in Patients with Diabetes Mellitus Type 2 and Associated Dyslipidemic Hyperglycemia. Journal of Diabetes Mellitus, 2016, 06, 318-332.	0.1	5
1561	Lycopene: Is it Beneficial to Human Health as an Antioxidant?. Turkish Journal of Pharmaceutical Sciences, 2017, 14, 311-318.	0.6	36
1562	Effect of pasture availability and genotype on welfare, immune function, performance and meat characteristics of growing rabbits. World Rabbit Science, 2014, 22, 29.	0.1	11
1563	Comparison of aniseeds and coriander seeds for antidiabetic, hypolipidemic and antioxidant activities. Spatula DD, 2011, 1, 9.	0.1	33
1564	Prepartum body condition score affects milk yield, lipid metabolism, and oxidation status of Holstein cows. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1889-1896.	2.4	16
1565	Effect of Dietary Antioxidant and Energy Density on Performance and Anti-oxidative Status of Transition Cows. Asian-Australasian Journal of Animal Sciences, 2010, 23, 1299-1307.	2.4	10
1566	Automation of Methods for Determination of Lipid Peroxidation., 0,,.		13
1569	Effects of dietary lipid sources on apoptotic and immune gene expression in head kidney of olive flounder (Paralichthys olivaceus). Hangug Eobyeong Haghoeji, 2012, 25, 199-210.	0.2	3
1570	Free Radicals: Health Implications and their Mitigation by Herbals. British Journal of Medicine and Medical Research, 2015, 7, 438-457.	0.2	82

#	Article	IF	CITATIONS
1571	Hepatoprotective Effects of Crude Extracts of Tomato and Onion in Rats Exposed to Locally Processed Beef. International Journal of Biochemistry Research & Review, 2014, 4, 193-203.	0.1	4
1572	Contributions of photochemistry to bio-based antibacterial polymer materials. Journal of Materials Chemistry B, 2021, 9, 9624-9641.	2.9	8
1573	Genetic Engineering for Levels of Select Phytonutrients Affecting Human Health., 2002,,.		0
1574	Native and minimally oxidized low density lipoprotein depress smooth muscle matrix metalloproteinase levels., 2003,, 141-149.		3
1575	Antioxidative and antiapoptotic effects of vitamin A and vitamin C against carbon tetrachloride induced hepatotoxicity in mice. The Egyptian Journal of Hospital Medicine, 2003, 11, 30-40.	0.0	3
1576	Oxidative and Nitrosative Stress in Cystic Fibrosis. Oxidative Stress and Disease, 2003, , .	0.3	0
1577	Children′s Preferences for the Dishes Offered by School Lunch Programs. Preventive Nutrition and Food Science, 2003, 8, 412-418.	0.7	1
1578	Komplement̮ medikamențse Therapie in der Onkologie. , 2004, , 615-635.		0
1580	Effect of the NO donator nitrosothiol glutathione on the rat blood levels of nitric oxides and malonic dialdehyde. Arterial Hypertension (Russian Federation), 2005, 11, 5-9.	0.1	3
1581	Effect of Ginsenosides on Malondialdehyde, Nitric Oxide and Endothelin-1 Production in Vascular Endothelial Cells Suffering from Lipid Peroxidation Injury. International Journal of Pharmacology, 2006, 3, 101-105.	0.1	4
1582	Neutrophil-Derived Oxidants as Modulators of Polyunsaturated Fatty Acid Metabolism., 2008, , 111-128.		0
1583	IRON STATUS IN PREECLAMPSIA. The Professional Medical Journal, 2018, 15, 74-80.	0.0	11
1584	Iron and Heart Disease: A Review of the Epidemiologic Data. , 2009, , 279-298.		0
1585	Environmental Factors., 2010,, 166-180.		0
1586	Comparative Study of the Protective Effects of Taurine and Melatonin on Cytochrome P450 2E1 and some Oxidative Stress Markers in Streptozotocin-induced Diabetic Rats. Bulletin of Egyptian Society for Physiological Sciences, 2010, 30, 165-182.	0.0	0
1587	Golden rain tree leaf extracts as potential inhibitor of lipid peroxidation and 4-nitroquinoline-1-oxide (4-NQO)-induced DNA damage. African Journal of Biotechnology, 2011, 10, .	0.3	3
1588	Effects of doxorubicin on myocardial expression of apolipoprotein-B. Scandinavian Cardiovascular Journal, 0 , 1 -13.	0.4	0
1589	IN VITRO LIPID PEROXIDATION INHIBITORY AND ANTI-ARTHRITIC ACTIVITIES OF SOME INDIAN MEDICINAL PLANTS. Indian Drugs, 2012, 49, 31-35.	0.1	0

#	Article	IF	CITATIONS
1590	Nutritional Factors, Oxidative Stress and Lung Transplantation. , 2013, , 403-410.		0
1591	Oxidative Stress and Brain Endothelial Cells. , 2014, , 1959-1977.		1
1592	Deregulation of Antioxidant Activities. , 2014, , 121-127.		0
1593	Enteral Supplementation of Palm Vitamin E and Alpha-Tocopherol: Preclinical Aspects. , 2014, , 1-16.		0
1594	Anti-inflammatory and Antioxidant Activities of Memecylon umbellatum.Burm.f Leaf Extract under Invitro. IOSR Journal of Pharmacy and Biological Sciences, 2014, 9, 61-68.	0.1	0
1595	Telmisartan is More Effective than Taurine in Protecting High Fat Diet Induced Obesity in Rats from Hypertension, Some Metabolic, Oxidative Stress and Vascular Complications. Cardiovascular Pharmacology: Open Access, 2014, 03, .	0.1	0
1596	Cancer After Metastasis: The Second Transformation. , 2014, , 279-304.		0
1598	Evaluation of Ginger Oleoresin in Carbon Tetrachloride Induced Hepatotoxicity in Rats. Journal of Pharmaceutical Technology Research and Management, 2018, 6, 93-113.	0.3	1
1599	Design, Synthesis and Evaluation of Novel Radical-Scavenging Antioxidant against Lipid Peroxidation Journal of Japan Oil Chemists' Society, 1997, 46, 1167-1175.	0.3	0
1600	Oxidative stress in Systemic Sclerosis. , 1999, , 85-91.		20
1601	Renoprotective and antioxidant renal effects of cilnidipine in DOCA Salt -Treated Albino Rats. International Journal of Nano Studies & Technology, 0, , 50-54.	0.0	0
1602	Cutaneous Oxidative Stress and Aging. , 2015, , 1-27.		0
1604	Enteral Supplementation of Palm Vitamin E and Alpha-Tocopherol: Pre-clinical Aspects., 2015, , 1733-1747.		0
1607	Potential Biomarkers in Stroke and Current Therapeutics. , 2016, 2, .		0
1608	TO ASSESS THE MAGNITUDE OF OXIDATIVE STRESS AND ANTIOXIDANT DEFENSE IN PREECLAMPSIA. Journal of Evolution of Medical and Dental Sciences, 2016, 5, 3898-3902.	0.1	1
1609	Cutaneous Oxidative Stress and Aging. , 2017, , 651-676.		0
1610	Functional Foods and Cardiac Health. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 16-41.	0.3	0
1611	Comparison of lens oxidative damage induced by vitrectomy and/or hyperoxia in rabbits. International Journal of Ophthalmology, 2017, 10, 6-14.	0.5	26

#	Article	IF	Citations
1612	Investigation of the protective and treatment effects of vinpocetine in myocardial infarctional with isoprotenol in rats. Medicine Science, 2017 , , 1 .	0.0	0
1613	A Correlation of Adenosine Deaminase (ADA) Activity and Lipid Peroxidant (MDA) in Serum and Pleural Fluid for Diagnosis of Pulmonary Tuberculosis. , 2017, 3, .		2
1614	Evolving anti-disease strategies from biochemical pathogenesis of african trypanosomiasis. Advances in Cytology $\&$ Pathology, 2018, 3, .	0.0	3
1615	Tunceli Dağ Sarımsağının (Allium tuncelianum) Rat Kalp Dokusu Antioksidan Enzim Dýzeylerine Etkisi v Fenolik Bileşenlerinin Karakterizasyonu. Kahramanmaraş Sütçü İmam Üniversitesi Tarım Ve Doğa I 2018, 21, 632-643.	∕e D e r. g isi,	3
1616	Functional Foods and Cardiac Health. , 2019, , 304-329.		0
1617	Nanoparticle-Mediated Oxidative Stress Monitoring. , 2019, , 17-27.		O
1618	Oxidative Stress and Antioxidant Supplementation on Immunity in Hansen's Disease (Leprosy)., 2019,, 329-343.		0
1619	PENTİLENTETRAZOL İLE UYARILMIÅž EPİLEPSİ MODELİNDE HESPERİDİN VE VALPROİK ASİT KOMBÆ OKSİDAN-ANTİOKSİDAN SAVUNMA ÜZERİNE ETKİSİ. Anadolu University Journal of Science and Techno Life Sciences and Biotechnology, 0, , .	İNE UYGI olavøy - C	JLAMASININ O
1620	Evaluation of the Effect of Ceftriaxone on Lipid Peroxidation and Antioxidant Levels in Mice. Biomedical and Pharmacology Journal, 2019, 12, 245-250.	0.2	1
1621	Biochemical and histopathological evaluation of taxifolin: An experimental study in a rat model of liver ischemia reperfusion injury. Journal of Surgery and Medicine, 0, , .	0.0	3
1622	Desfluranın Aynı Konsantrasyonda Fakat Farklı Akımlarda Kullanılması Oksidatif Stresi Değiştiştir Hayvan Deneyi. Online Türk Sağlık Bilimleri Dergisi, 0, , .	ir mi?	0
1623	The potential effect of Allium Sativum and Coriandrum Sativum as natural sources of antioxidants on Haemonchus contortus infection in sheep Egyptian Veterinary Medical Society of Parasitology Journal (EVMSPJ), 2019, 15, 89-113.	0.1	1
1625	Antioxidative effects of intracellular extracts of yogurt bacteria on lipid peroxidation and intestine 407 cells. Journal of Food and Drug Analysis, 2006, 14, .	0.9	6
1626	Evaluation of the Antioxidant Activity of Some Imines Containing $1 < i > H < /i > -Benzimidazoles$. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 626-630.	0.6	2
1627	Antioxidant and Anti-inflammatory Protective Properties of Thai Shallot (Allium ascalonicum cv.) Tj ETQq0 0 0 rgB Technology, 2019, 16, 175-184.	T /Overlock 0.5	2 10 Tf 50 1
1628	Determination of the activity of selected antioxidant enzymes during bovine laminitis, induced by oligofructose overload. Medycyna Weterynaryjna, 2020, 76, 6398-2020.	0.0	O
1629	Antitumoral effect of lawsonia inermis extract on melanoma tumor-bearing C57BL/6 mice. Pharmacognosy Magazine, 2020, 16, 435.	0.3	2
1630	Antifilarial effect of nanocomposite of silver nanoparticles with nitazoxanide against the microfilariae of Setaria cervi-infected albino rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1341-1356.	1.4	3

#	Article	IF	CITATIONS
1631	Phytochemical, Antioxidant and Antibacterial Studies of Ethanolic and Methanolic Extracts of Aloe elegans Leaves gel. Journal of Pharmacy and Pharmacology, 2020, 8, .	0.1	0
1632	Fibroblast Growth Factor 21 Augments Autophagy and Reduces Apoptosis in Damaged Liver to Improve Tissue Regeneration in Zebrafish. Frontiers in Cell and Developmental Biology, 2021, 9, 756743.	1.8	11
1633	Interplay between Mitochondrial Metabolism and Cellular Redox State Dictates Cancer Cell Survival. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	1.9	15
1636	The Biological Significance of Oxygen-Derived Species. , 1995, , 313-335.		1
1638	Possible influences of lutein and zeaxanthin on the developing retina. Clinical Ophthalmology, 2007, 1, 25-35.	0.9	42
1639	Protective effects of red wine polyphenolic compounds on the cardiovascular system. Experimental and Clinical Cardiology, 2001, 6, 153-8.	1.3	9
1640	Effect of Escitalopram on GABA level and anti-oxidant markers in prefrontal cortex and nucleus accumbens of chronic mild stress-exposed albino rats. International Journal of Physiology, Pathophysiology and Pharmacology, 2009, 1, 154-161.	0.8	16
1641	Paraoxonase is reduced in patients with growth hormone deficiency: A novel risk factor for atherosclerosis. Journal of Research in Medical Sciences, 2013, 18, 291-6.	0.4	4
1642	Effects of Eicosapentaenoic Acid Supplementation on Lipid and Lipoprotein Profile in Hypertriglyceridemic Subjects with Different Proliferator-activated Receptor Alpha Genotypes. International Journal of Preventive Medicine, 2014, 5, 333-40.	0.2	2
1643	Structural aspects of the antioxidant activity of lutein in a model of photoreceptor membranes. Acta Biochimica Polonica, 2012, 59, 119-24.	0.3	7
1645	Natural Babesia bovis Infection in Water Buffaloes (Bubalus bubalis) and Crossbred Cattle under Field Conditions in Egypt: a Preliminary Study. Journal of Arthropod-Borne Diseases, 2014, 8, 1-9.	0.9	9
1646	Relationship of oxidative stress in skeletal muscle with obesity and obesity-associated hyperinsulinemia in horses. Canadian Journal of Veterinary Research, 2015, 79, 329-38.	0.2	5
1647	Impact of Propionic Acid on Liver Damage in Rats. International Journal of Molecular and Cellular Medicine, 2015, 4, 188-95.	1.1	8
1648	Protective Effects of Royal Jelly on Oxymetholone-Induced Liver Injury in Mice. Iranian Biomedical Journal, 2016, 20, 229-34.	0.4	5
1649	The investigation of the effect of fraxin on hepatotoxicity induced by cisplatin in rats. Iranian Journal of Basic Medical Sciences, 2020, 23, 1382-1387.	1.0	5
1650	Fluorescence imaging for visualizing the bioactive molecules of lipid peroxidation within biological systems. TrAC - Trends in Analytical Chemistry, 2022, 146, 116484.	5.8	13
1651	Effect of Beta-Cyfluthrin Pesticide on Zebra Mussel (Dressienna polymorpha). International Journal of Pure and Applied Sciences, 2021, 7, 462-471.	0.3	3
1652	Phytogenic compounds from avocado (Persea americana L.) extracts; antioxidant activity, amylase inhibitory activity, therapeutic potential of type 2 diabetes. Saudi Journal of Biological Sciences, 2022, 29, 1428-1433.	1.8	20

#	Article	IF	CITATIONS
1653	Geraniol ameliorated serum lipid profile andÂimproved antioxidant defense system in pancreas, liver and heart tissues of alloxan-induced diabetic rats. Biologia (Poland), 2022, 77, 241-248.	0.8	0
1654	Oxidative Stress, Ageing and Methods of Seed Invigoration: An Overview and Perspectives. Agronomy, 2021, 11, 2369.	1.3	16
1655	Supplementation of Avian Semen Extenders with Antioxidants to Improve Semen Quality—Is It an Effective Strategy?. Antioxidants, 2021, 10, 1927.	2.2	21
1656	Phenolic rich-extracts from Nauclea latifolia fruit restored Lead acetate-induced liver and kidney damaged in Wistar rats. Clinical Phytoscience, 2021, 7, .	0.8	3
1657	The Cost of Reproduction in a Cooperatively Breeding Mammal: Consequences of Seasonal Variation in Rainfall, Reproduction, and Reproductive Suppression. Frontiers in Physiology, 2021, 12, 780490.	1.3	5
1658	Reactive Oxygen Species: Do They Play a Role in Adaptive Immunity?. Frontiers in Immunology, 2021, 12, 755856.	2.2	17
1659	Effects of temperature and salinity on the sub-Antarctic snail Xymenopsis muriciformis (King and) Tj ETQq0 0 0 rg Marine Biology and Ecology, 2022, 548, 151682.	gBT /Overl 0.7	ock 10 Tf 50 1
1660	POSSIBLE TOXICOLOGICAL EFFECTS ASSOCIATED WITH CHRONIC DERMAL EXPOSURE TO PARA-PHENYLENEDIAMINE (PPD) ON PANCREAS OF ADULT MALE ALBINO RATS. The Egyptian Journal of Forensic Sciences and Applied Toxicology, 2020, 20, 77-88.	0.1	0
1661	Effects of Andrographis paniculata (Burm. F.) Extract on Diabetic Nephropathy in Rats. Reports of Biochemistry and Molecular Biology, 2021, 10, 445-454.	0.5	12
1662	The impact of Vermicompost on Pisum sativum spp. Arvence L exposed to methylisothiazolinone. Biologia (Poland), 2022, 77, 1109-1119.	0.8	4
1663	Neuroprotective effect of aldose reductase knockout in a mouse model of spinal cord injury involves NF-κB pathway. Experimental Brain Research, 2022, 240, 853-859.	0.7	2
1664	How Cells Deal with the Fluctuating Environment: Autophagy Regulation under Stress in Yeast and Mammalian Systems. Antioxidants, 2022, 11, 304.	2.2	15
1665	Hydrogen Peroxide Production from Water Oxidation on a CuWO ₄ Anode in Oxygen-Deficient Conditions for Water Decontamination. ACS Applied Materials & Samp; Interfaces, 2022, 14, 7878-7887.	4.0	14
1666	Cytotoxic mechanisms of doxorubicin at clinically relevant concentrations in breast cancer cells. Cancer Chemotherapy and Pharmacology, 2022, 89, 285-311.	1.1	51
1668	Oxidative stress in Systemic Sclerosis. Molecular and Cellular Biochemistry, 1999, 196, 85-91.	1.4	15
1669	Role of Fe(III) in Fe(II)citrate-mediated peroxidation of mitochondrial membrane lipids. Molecular and Cellular Biochemistry, 1999, 196, 163-8.	1.4	4
1670	Native and minimally oxidized low density lipoprotein depress smooth muscle matrix metalloproteinase levels. Molecular and Cellular Biochemistry, 2003, 249, 141-9.	1.4	4
1671	"CORRELATION BETWEEN OXIDATIVE STRESS MARKERS AND DIABETIC CATARACTâ€, , 2022, , 46-48.		0

#	Article	IF	CITATIONS
1672	Silver nanoparticles synthesized via green chemistry with the aid of Delphinium denudatum Wall. root extract modulated gentamicin nephrotoxicity activity with respect to oxidative potential. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2022, 13, 015003.	0.7	0
1673	Hepatotoxicity and renal toxicity induced by radiation and the protective effect of quercetin in male albino rats. International Journal of Radiation Biology, 2022, 98, 1473-1483.	1.0	10
1674	Assessment of the effects of storage temperature on fatty acid analysis using dried blood spot cards from managed southern white rhinoceroses ($<$ i>Ceratotherium simum simum $<$ i>): implications for field collection and nutritional care. PeerJ, 2022, 10, e12896.	0.9	3
1675	Supplementation of Rumen-Protected Glucose Increased the Risk of Disturbance of Hepatic Metabolism in Early Postpartum Holstein Cows. Antioxidants, 2022, 11, 469.	2.2	4
1676	Effects of Phenolic Phytogenic Feed Additives on Certain Oxidative Damage Biomarkers and the Performance of Primiparous Sows Exposed to Heat Stress under Field Conditions. Antioxidants, 2022, 11, 593.	2.2	4
1677	The Effects of Contrast between Dark- and Light-Coloured Tanks on the Growth Performance and Antioxidant Parameters of Juvenile European Perch (Perca fluviatilis). Water (Switzerland), 2022, 14, 969.	1.2	1
1678	Antioxidant Polymers via the Ugi Reaction for In Vivo Protection of UV-Induced Oxidative Stress. Chemistry of Materials, 2022, 34, 2645-2654.	3.2	9
1679	Oxidative Stress in the Protection and Injury of the Lacrimal Gland and the Ocular Surface: are There Perspectives for Therapeutics?. Frontiers in Cell and Developmental Biology, 2022, 10, 824726.	1.8	3
1680	ASSESSMENT OF PHYTOCHEMICALS, TOTAL PHENOL, FLAVONOID CONTENT AND IN VITRO ANTIOXIDANT PROPERTY OF LARGE CARDAMOM EXTRACTS. Indian Drugs, 2021, 58, 34-41.	0.1	2
1681	Levels of glutathione-related antioxidants in some tissues of stressed Wistar rats. Indian Journal of Physiology and Pharmacology, 0, 65, 167-176.	0.4	2
1709	Antioxidant effect of beta-carotene in cystic fibrosis and bronchiectasis: clinical and laboratory parameters of a pilot study. Acta Paediatrica, International Journal of Paediatrics, 2002, 91, 793-8.	0.7	8
1710	Use of antioxidants and time of cold storage: effects over viability parameters and enzymatic levels in semen of rainbow trout (Oncorhynchus mykiss, Walbaum, 1792) Brazilian Journal of Biology, 2021, 83, e245329.	0.4	0
1711	Synergistic impact of \hat{l} ±-linolenic acid and \hat{l} ±-tocopherol on in vitro maturation and culture of buffalo oocytes. Brazilian Journal of Biology, 2021, 84, e253514.	0.4	1
1713	The Radioprotective Effect of Chlorophyll-Based Drugs. Biophysics (Russian Federation), 2022, 67, 78-84.	0.2	3
1714	Clinical implications of lipid peroxides levels in plasma and tumor tissue in breast cancer patients. Prostaglandins and Other Lipid Mediators, 2022, 161, 106639.	1.0	4
1715	Defining the link between oxidative stress, behavioural reproductive suppression and heterothermy in the Natal mole-rat (Cryptomys hottentotus natalensis). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 261, 110753.	0.7	6
1716	An Overview of Waste Milk Feeding Effect on Growth Performance, Metabolism, Antioxidant Status and Immunity of Dairy Calves. Frontiers in Veterinary Science, 2022, 9, .	0.9	2
1717	Antioxidant Activity and Capacity Measurement. Reference Series in Phytochemistry, 2022, , 709-773.	0.2	7

#	Article	IF	CITATIONS
1719	Reactive oxygen species in photosystem II: relevance for oxidative signaling. Photosynthesis Research, 2022, 152, 245-260.	1.6	4
1720	Measurement of Lipid Peroxidation Products and Creatine Kinase in Blood Plasma and Saliva of Athletes at Rest and following Exercise. Journal of Clinical Medicine, 2022, 11, 3098.	1.0	2
1721	Propagation of ageâ€related diseases due to the changes of lipid peroxide and antioxidant levels in elderly people: A narrative review. Health Science Reports, 2022, 5, .	0.6	12
1722	Reflections of an Ageing Free Radical Part 2: Meeting Inspirational People. Antioxidants and Redox Signaling, 0, , .	2.5	0
1723	Preclinical anti-inflammatory and antioxidant effects of Azanza garckeana in STZ-induced glycemic-impaired rats, and pharmacoinformatics of it major phytoconstituents. Biomedicine and Pharmacotherapy, 2022, 152, 113196.	2.5	15
1729	Oxidative Stress Can Be Attenuated by 4-PBA Caused by High-Fat or Ammonia Nitrogen in Cultured Spotted Seabass: The Mechanism Is Related to Endoplasmic Reticulum Stress. Antioxidants, 2022, 11, 1276.	2.2	16
1730	The time-dependent effect of Provinols TM on brain NO synthase activity in L-NAME-induced hypertension. Physiological Research, 2006, , S31-S37.	0.4	17
1731	Stability of Measurements of Biomarkers of Oxidative Stress in Blood Over 36 Hours. Cancer Epidemiology Biomarkers and Prevention, 2004, 13, 1399-1402.	1.1	46
1732	Treatment of radiation-induced brain injury with bisdemethoxycurcumin. Neural Regeneration Research, 2023, 18, 416.	1.6	5
1733	Effects of Cu/Zn superoxide dismutase on strain injury-induced oxidative damage to skeletal muscle in rats Physiological Research, 2005, , 193-199.	0.4	18
1735	Photoperiod-induced alterations in biomarkers of oxidative stress in rats of different ages and individual physiological reactivity. The Animal Biology, 2022, 24, 11-18.	0.2	1
1736	Exploring how plasma- and muscle-related parameters affect trout hemolysis as a route to prevent hemoglobin-mediated lipid oxidation of fish muscle. Scientific Reports, 2022, 12, .	1.6	1
1737	Construction of a redox-related gene signature for overall survival prediction and immune infiltration in non-small-cell lung cancer. Frontiers in Molecular Biosciences, 0, 9, .	1.6	1
1738	Antifilarial efficacy of andrographolide: Ex vivo studies on bovine filarial parasite Setaria cervi. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 261, 109442.	1.3	0
1739	Dietary aflatoxin B1 caused the growth inhibition, and activated oxidative stress and endoplasmic reticulum stress pathway, inducing apoptosis and inflammation in the liver of northern snakehead (Channa argus). Science of the Total Environment, 2022, 850, 157997.	3.9	14
1741	Effects of Ultraviolet Radiation on Sediment Burial Parameters and Photo-Oxidative Response of the Intertidal Anemone Anthopleura hermaphroditica. Antioxidants, 2022, 11, 1725.	2.2	2
1742	Ferroptosis: A mixed blessing for infectious diseases. Frontiers in Pharmacology, 0, 13, .	1.6	12
1743	The Effect of Dietary Inclusion of Microalgae Schizochytrium spp. on Ewes' Milk Quality and Oxidative Status. Foods, 2022, 11, 2950.	1.9	8

#	Article	IF	CITATIONS
1744	Hypoglycemic and antioxidative activity evaluation of phenolic compounds derived from <i>walnut diaphragm</i> produced in Xinjiang. Journal of Food Biochemistry, 2022, 46, .	1.2	3
1745	Reactive Nitrogen Species and Male Reproduction: Physiological and Pathological Aspects. International Journal of Molecular Sciences, 2022, 23, 10574.	1.8	13
1746	Correlation of oxidative stress with vitamin D and glycated hemoglobin in patients with type 2 diabetes mellitus. Baylor University Medical Center Proceedings, 0 , , 1 -4.	0.2	0
1747	Effects of Eugenol on Water Quality and the Metabolism and Antioxidant Capacity of Juvenile Greater Amberjack (Seriola dumerili) under Simulated Transport Conditions. Animals, 2022, 12, 2880.	1.0	2
1748	Impact of ROS-Dependent Lipid Metabolism on Psoriasis Pathophysiology. International Journal of Molecular Sciences, 2022, 23, 12137.	1.8	10
1749	Melatonin administration increases antioxidant enzymes activities and reduces lipid peroxidation in the rainbow trout (Oncorhynchus mykiss, Walbaum) erythrocytes. Turkish Journal of Veterinary and Animal Sciences, 0, , .	0.2	8
1750	Negative effects of heat stress on ovarian tissue in female rabbit. Frontiers in Veterinary Science, 0, 9,	0.9	3
1751	Mechanical stimuli-driven cancer therapeutics. Chemical Society Reviews, 2023, 52, 30-46.	18.7	31
1752	Tissue Oxidative Ecology along an Aridity Gradient in a Mammalian Subterranean Species. Antioxidants, 2022, 11, 2290.	2.2	4
1753	Larval-Transcriptome Dynamics of Ectropis grisescens Reveals Differences in Virulence Mechanism between Two EcobNPV Strains. Insects, 2022, 13, 1088.	1.0	0
1754	The role of Nrf2 in periodontal disease by regulating lipid peroxidation, inflammation and apoptosis. Frontiers in Endocrinology, 0, 13, .	1.5	7
1755	Protective Actions of α-Tocopherol on Cell Membrane Lipids of Paraquat-Stressed Human Astrocytes Using Microarray Technology, MALDI-MS and Lipidomic Analysis. Antioxidants, 2022, 11, 2440.	2.2	0
1756	Combination of hyperspectral imaging and entropy weight method for the comprehensive assessment of antioxidant enzyme activity in Tan mutton. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2023, 291, 122342.	2.0	8
1757	Oxidative stress and imbalance of serum trace mineral metabolism contribute to bovine respiratory disease in dairy calves. Indian Journal of Animal Sciences, 2018, 88, 295-299.	0.1	0
1758	The Influence of Winter Swimming on Oxidative Stress Indicators in the Blood of Healthy Males. Metabolites, 2023, 13, 143.	1.3	0
1759	Sex difference in the associations among liver function parameters with incident diabetes mellitus in a large Taiwanese population follow-up study. Frontiers in Public Health, $0,10,10$	1.3	0
1760	17beta-estradiol alleviates contusion-induced skeletal muscle injury by decreasing oxidative stress via SIRT1/PGC-1α/Nrf2 pathway. Steroids, 2023, 191, 109160.	0.8	1
1761	Yüzme Egzersizi Yaptırılan Farelere Alfa-Lipoik Asit Uygulamasının Lipid Peroksidasyon, Kreatin Kinaz v Laktat Düzeyleri Āœzerine Etkisinin İncelenmesi*. KahramanmaraÅŸ SütÁ§Ã¼ İmam Āœniversitesi Tıp Dergisi, 0, , .	e Fa bÃ ½lte	si O

#	Article	IF	Citations
1762	Differential manifestation of RONS and antioxidant enzymes in response to singular versus combinatorial stress in Chironomus ramosus. Stress Biology, 2022, 2, .	1.5	1
1763	Alleviation of negative effect of heat stress through supplementations of cinnamon (<i>Cinnamomum) Tj ETQq1 Biotechnology, 2023, 34, 4457-4465.</i>	1 0.78431 0.7	4 rgBT /Ov 2
1764	Bazı Yaygın İnsektisitlerin Domates (L. esculentum Mill.) Bitkisinde Lipid Peroksidasyon ve Antioksidatif Sistem Üzerine Etkileri. Anadolu Journal of Agricultural Sciences, 0, , .	0.3	0
1765	Combination system of pulsed ohmic heating and 365-nm UVA light-emitting diodes to enhance inactivation of foodborne pathogens in phosphate-buffered saline, milk, and orange juice. Innovative Food Science and Emerging Technologies, 2023, 83, 103250.	2.7	3
1766	New Insights into the In Vitro Antioxidant Routes and Osteogenic Properties of Sr/Zn Phytate Compounds. Pharmaceutics, 2023, 15, 339.	2.0	4
1767	Biomarkers of oxidative stress and reproductive complications. Advances in Clinical Chemistry, 2023, , 157-233.	1.8	1
1768	Feeding rumen-protected lysine altered immune and metabolic biomarkers in dairy cows during the transition period. Journal of Dairy Science, 2023, 106, 2989-3007.	1.4	4
1769	Construction of lncRNA prognostic model related to cuproptosis in esophageal carcinoma. Frontiers in Genetics, 0, 14, .	1.1	1
1770	Exposure to polypropylene microplastics via diet and water induces oxidative stress in Cyprinus carpio. Aquatic Toxicology, 2023, 259, 106540.	1.9	9
1771	Differential regulatory effects of dietary lipid level on growth, antioxidant capacity and expression of genes involved in lipid and glucose metabolism of juvenile mud crab Scylla paramamosain. Aquaculture Reports, 2023, 29, 101520.	0.7	3
1774	A New Fe(III) Complex Derived from Cyclohexane Based Imine Derivative: Studies on H ₂ PO ₄ ^{â^²} Recognition and Antiâ€Cancer Activity Against MCF7 and MDAâ€MB 31 Humar Breast Cancer Cells. ChemistrySelect, 2023, 8, .	10.7	0
1775	Copper homeostasis and copper-induced cell death in the pathogenesis of cardiovascular disease and therapeutic strategies. Cell Death and Disease, 2023, 14, .	2.7	44
1776	Effect of exercise and antioxidant supplementation on cellular lipid peroxidation in elderly individuals: Systematic review and network meta-analysis. Frontiers in Physiology, 0, 14, .	1.3	2
1777	<i>lnula viscosa</i> ameliorates acetic acid induced ulcerative colitis in rats. Biotechnic and Histochemistry, 0 , $1-12$.	0.7	O
1779	Characterization of triglycerides photooxidation under solar radiations: A stepwise Raman study. Analytical Science Advances, 0, , .	1.2	0
1780	Improved infectious burn wound healing by applying lyophilized particles containing probiotics and prebiotics. International Journal of Pharmaceutics, 2023, 636, 122800.	2.6	2
1781	Biological Consequences of Vanadium Effects on Formation of Reactive Oxygen Species and Lipid Peroxidation. International Journal of Molecular Sciences, 2023, 24, 5382.	1.8	22
1782	A Digestive Cartridge Reduces Parenteral Nutrition Dependence and Increases Bowel Growth in a Piglet Short Bowel Model. Annals of Surgery, 2023, 278, e876-e884.	2.1	1

#	Article	IF	CITATIONS
1784	Potential Effects of High Temperature and Heat Wave on Nanorana pleskei Based on Transcriptomic Analysis. Current Issues in Molecular Biology, 2023, 45, 2937-2949.	1.0	0
1785	In vitro radical-scavenging mechanism of melatonin and its in vivo protective effect against radiation-induced lipid peroxidation., 2023, 3-4, 100003.		1
1786	Lipid peroxidation. , 2024, , 861-870.		1
1799	Applications of nanoemulsions as drug delivery vehicle for phytoconstituents., 2023,, 119-194.		1
1804	A revisiting of "the hallmarks of aging―in domestic dogs: current status of the literature. GeroScience, 2024, 46, 241-255.	2.1	0
1806	Lipid peroxidation in osteoarthritis: focusing on 4-hydroxynonenal, malondialdehyde, and ferroptosis. Cell Death Discovery, 2023, 9, .	2.0	8
1814	Modulation of oxidative stress in psoriasis: Pathophysiology and therapy., 2023,, 255-278.		0
1823	ROS, Redox Regulation and Signaling in Cancer Cells. , 2023, , 1-47.		0
1834	Role of oxidative stress in the pathogenesis of metabolic syndrome. , 2024, , 143-156.		0