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Reactive oxygen species in living systems: source, biochemistry, and role in human disease

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1160	Reactive oxygen species are involved in the activation of cellular phospholipase A2. 1992 , 309, 190-2		70
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1158	Effect of zinc supplementation on resistance of cultured human skin fibroblasts toward oxidant stress. 1993 , 37, 187-99		52
1157	Lipid peroxides and antioxidant defenses in accelerated transplantation-associated coronary arteriosclerosis. 1993 , 125, 974-80		37
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1155	Nimesulide as a downregulator of the activity of the neutrophil myeloperoxidase pathway. Focus on the histoprotective potential of the drug during inflammatory processes. 1993 , 46 Suppl 1, 29-33		15
1154	Ceruloplasmin levels in the human superior temporal gyrus in aging and Alzheimer's disease. 1993 , 159, 88-90		86
1153	Activation of ischemia- and reperfusion-sensitive abdominal visceral C fiber afferents. Role of hydrogen peroxide and hydroxyl radicals. 1993 , 72, 1266-75		52
1152	Effects of angiotensin-converting enzyme inhibition on mitochondrial number in the aging mouse. 1993 , 265, C15-8		72
1151	Potential New Therapies for Perinatal Cerebral Hypoxia-Ischemia. 1993 , 20, 411-432		46
1150	Free radical scavenging and antioxidant activity of plant flavonoids. 1994 , 366, 351-76		249
1149	Antioxidants and carcinogenesis. 1994 , 26, 435-41		16
1148	Nitrogen dioxide-induced reactive oxygen intermediates production by human alveolar macrophages and peripheral blood mononuclear cells. 1994 , 49, 246-50		15
1147	Polymorphonuclear leukocyte-generated oxygen metabolites decrease beat frequency of human respiratory cilia. 1994 , 172, 215-22		20
1146	In vitro study of human alveolar macrophage and peripheral blood mononuclear cell reactive oxygen-intermediates release induced by sulfur dioxide at different concentrations. 1994 , 172, 335-45		8
1145	Thiol supplier N-acetylcysteine enhances conjugate formation between natural killer cells and K562 or U937 targets but increases the lytic function only against the latter. 1994 , 43, 209-14		13
1144	The consequences of nitrofurantoin-induced oxidative stress in isolated rat hepatocytes: evaluation of pathobiochemical alterations. 1994 , 93, 91-102		19

1143	Hemichrome formation, lipid peroxidation, enzyme inactivation and protein degradation as indexes of oxidative damage in homogenates of chicken kidney and liver. 1994 , 93, 155-69	11
1142	Reactive oxygen species and antioxidant vitamins: mechanisms of action. <i>American Journal of Medicine</i> , 1994 , 97, 5S-13S; discussion 22S-28S	2-4 337
1141	Magnolol and honokiol isolated from <i>Magnolia officinalis</i> protect rat heart mitochondria against lipid peroxidation. 1994 , 47, 549-53	204
1140	Thyroid hormones and regulation of cell reliability systems. 1994 , 34, 173-98	8
1139	Oxidative stress modifies the activity of cardiac sarcolemmal phospholipase C. 1994 , 1199, 6-12	35
1138	Characterization of hydrogen peroxide and superoxide degrading pathways of <i>Aspergillus niger</i> catalase: a steady-state analysis. 1994 , 20, 29-50	16
1137	Membrane phospholipids and adrenergic receptor function. 1995 , 149-150, 217-21	9
1136	Inhibition of rat glomerular mesangial cell sodium/hydrogen exchange by hydrogen peroxide. 1995 , 22, 817-23	3
1135	Magnesium, calcium and trace elements in spontaneously hypertensive rats. 1995 , 22, S212-4	7
1134	Sequential changes in serum iron and ferritin in patients undergoing high-dose chemotherapy and radiation with autologous bone marrow transplantation: possible implications for treatment related toxicity. 1995 , 18, 383-9	59
1133	The antioxidant N-acetyl-cysteine protects cultured epithelial cells from menadione-induced cytopathology. 1995 , 96, 113-23	26
1132	Hypoxic-ischemic Encephalopathy: Therapeutic Approaches Against Microvascular Injury, and Role of Neutrophils, PAF, and Free Radicals. 1995 , 22, 481-517	96
1131	Detection of free radicals by microdialysis/spin trapping EPR following focal cerebral ischemia-reperfusion and a cautionary note on the stability of 5,5-dimethyl-1-pyrroline N-oxide (DMPO). 1995 , 23, 27-32	37
1130	Isoleukotrienes are biologically active free radical products of lipid peroxidation. 1995 , 270, 17273-8	64
1129	Singlet oxygen-trapping reaction as a method of (1)O ₂ detection: role of some reducing agents. 1995 , 23, 103-15	25
1128	Lipoperoxidation induced by hydrogen peroxide in human erythrocyte membranes. 2. Comparison of the antioxidant effect of Ginkgo biloba extract (EGb 761) with those of water-soluble and lipid-soluble antioxidants. 1995 , 23, 9-18	44
1127	Reactive oxygen species and iron—a dangerous partnership in inflammation. 1995 , 27, 109-22	120
1126	Micronutrients and antioxidants in the progression of diabetes. 1995 , 15, 1377-1410	45

1125	Fusinite as a specific probe for the determination of molecular oxygen concentration in cells. 1995 , 1243, 110-6	3
1124	Effect of double-blind cross-over selenium supplementation on lipid peroxidation markers in cystic fibrosis patients. 1995 , 234, 137-46	26
1123	Bile acids as endogenous vasodilators?. 1995 , 49, 581-9	46
1122	Metabolic control quality and free radical activity in diabetic patients. 1995 , 27, 193-7	40
1121	Phosphorylated phenyl-N-tert-butyl nitron (PBN) analogues: a new series of spin traps for oxyl radicals. 1995 , 2087-2089	24
1120	Antioxidants in pediatric gastrointestinal disease. 1996 , 43, 471-88	11
1119	Scavenging of reactive oxygen species and inhibition of arachidonic acid metabolism by silibinin in human cells. 1996 , 58, 1591-600	106
1118	The role of free radicals in p-aminophenol-induced nephrotoxicity: does reduced glutathione have a protective effect?. 1996 , 252, 61-71	9
1117	Mobilization of iron from cellular ferritin by ascorbic acid in neuroblastoma SK-N-SH cells: an EPR study. 1996 , 381, 131-4	32
1116	Glutathione is an essential metabolite required for resistance to oxidative stress in the yeast <i>Saccharomyces cerevisiae</i> . 1996 , 29, 511-5	276
1115	Quantification of reactive oxygen species generated by alveolar macrophages using lucigenin-enhanced chemiluminescence—methodical aspects. 1996 , 87, 131-8	11
1114	Effect of deoxycholic acid and ursodeoxycholic acid on lipid peroxidation in cultured macrophages. 1996 , 39, 475-8	84
1113	Synthesis and role of glutathione in protection against oxidative stress in yeast. 1996 , 2, 223-9	49
1112	Xanthine oxidase activity in bronchoalveolar lavage fluid from patients with chronic obstructive pulmonary disease. 1996 , 21, 147-55	58
1111	Activity of the antioxidant enzymes superoxide dismutase and glutathione peroxidase in fetal erythrocytes. 1996 , 16, 1083-5	6
1110	Antioxidant N-acetyl-cysteine increasing cell adhesion capability could facilitate the biocompatibility processes. 1996 , 17, 921-8	9
1109	Protein-energy malnutrition and oxidative injury in growing rats. 1996 , 15, 810-4	33
1108	Altered regulation of G1 cyclins in oxidant-induced growth arrest of lung alveolar epithelial cells. Accumulation of inactive cyclin E-DCK2 complexes. 1996 , 271, 25117-25	73

1107	Endothelial dysfunction in preeclampsia. Part I: Primary prevention. Therapeutic perspectives. 1996 , 24, 99-117	10
1106	Lipid peroxidation and antioxidant enzymes in CAPD patients. 1996 , 18, 113-9	8
1105	Role of oxidative stress in the pathogenesis of acute pancreatitis. 1996 , 219, 10-5	123
1104	Negative control of heavy metal uptake by the <i>Saccharomyces cerevisiae</i> BSD2 gene. 1997 , 272, 11763-9	137
1103	Circulating antioxidant concentrations in children with inflammatory bowel disease. 1997 , 65, 1482-8	62
1102	Antioxidant activities of some extracts of <i>Thymus zygis</i> . 1997 , 26, 469-78	504
1101	Nacystelyn, a novel lysine salt of N-acetylcysteine, to augment cellular antioxidant defence in vitro. 1997 , 91, 159-68	91
1100	Upregulation of Intracellular Glutathione by Fibroblast-Derived Factor(s): Enhanced Survival of Activated T Cells in the Presence of Low Bcl-2. 1997 , 89, 2453-2460	29
1099	Prevention of lipid peroxidation induced by ochratoxin A in Vero cells in culture by several agents. 1997 , 104, 29-40	58
1098	Catalase activity in erythrocytes from colon and gastric cancer patients. Influence of nickel, lead, mercury, and cadmium. 1997 , 57, 79-90	13
1097	Antioxidant-related enzymes in myocardial zones and human pericardial fluid in relation to the cause of death. <i>International Journal of Legal Medicine</i> , 1997 , 110, 1-4	3.1 15
1096	Changes in proton transverse relaxation times of rat myocardium that has suffered a previous oxidative insult. 1997 , 5, 223-30	2
1095	Prevention of development of dimethylbenz(a)anthracene (DMBA)-induced mammary tumors in the rat by the new nonsteroidal antiestrogen EM-800 (SCH57050). 1998 , 49, 1-11	48
1094	Investigation of oxidant stress and vasodepression to glyceryl trinitrate in the obese Zucker rat in vivo. 1998 , 125, 895-901	43
1093	Oxidative stress-related parameters in prostate of rats with experimental autoimmune prostatitis. 1998 , 34, 270-4	17
1092	Erythrocyte antioxidant activity and trace element levels in Behçet's disease. 1998 , 64, 169-74	30
1091	Oxidative stress and neurodegenerative disorders. 1998 , 5, 401-14	151
1090	Angiotensin II induces superoxide anion production by mesangial cells. 1998 , 54, 775-84	200

1089	Modification of inflammatory aspects of immune function by nutrients. 1998 , 18, 1297-1317	44
1088	Characterization of N-acetylcysteine and ambroxol in anti-oxidant therapy. 1998 , 92, 609-23	203
1087	Oxidative stress and the pathogenesis of heart failure. 1998 , 16, 665-75, viii-ix	41
1086	Glutathione and catalase provide overlapping defenses for protection against hydrogen peroxide in the yeast <i>Saccharomyces cerevisiae</i> . 1998 , 253, 893-8	159
1085	Expression and developmental profile of antioxidant enzymes in human lung and liver. 1998 , 19, 942-9	103
1084	The yeast <i>Saccharomyces cerevisiae</i> contains two glutaredoxin genes that are required for protection against reactive oxygen species. 1998 , 9, 1081-91	193
1083	Free radical-scavenging properties of lignin. 1998 , 30, 31-8	88
1082	A pre-embedding technique for immunocytochemical visualization of cathepsin D in cultured cells subjected to oxidative stress. 1998 , 46, 411-8	19
1081	Ischaemia and reperfusion injury of rat liver increases expression of glutathione S-transferase A1/A2 in zone 3 of the hepatic lobule. 1998 , 330 (Pt 1), 73-9	11
1080	Normothermic liver ischemia and antioxidant treatment during hepatic resections. 1999 , 30, 463-9	29
1079	Selenium et sepsis. 1999 , 13, 177-186	5
1078	Evaluation of the effects of Gd complexes used as magnetic resonance imaging contrast agents, on superoxide dismutase: comparison of two methods. 1999 , 23, 425-36	1
1077	Melatonin reduces lipid peroxidation and tissue edema in cerulein-induced acute pancreatitis in rats. 1999 , 44, 2257-62	55
1076	Damage to mitochondrial DNA induced by the quinolone Bay y 3118 in embryonic turkey liver. 1999 , 425, 213-24	12
1075	Role of oxidative stress in the pathogenesis of caerulein-induced acute pancreatitis. 1999 , 377, 1-11	96
1074	Scavenging effect of benzophenones on the oxidative stress of skeletal muscle cells. 1999 , 26, 1100-7	13
1073	Effect of decaglycerol mono-oleate on chemiluminescence of human neutrophils. 1999 , 14, 327-30	3
1072	Physiological microassay of plasma total antioxidant status in a model of endothelial dysfunction in the rat following experimental oxidant stress in vivo. 1999 , 7, 27-31	25

1071	Skin antioxidants: their role in aging and in oxidative stress--new approaches for their evaluation. <i>Biomedicine and Pharmacotherapy</i> , 1999 , 53, 181-92	7.5	202
1070	Effect of magnolol on in vitro mitochondrial lipid peroxidation and isolated cold-preserved warm-reperfused rat livers. 1999 , 82, 11-6		22
1069	The effect of propofol on oxidative stress in platelets from surgical patients. 1999 , 89, 1050-5		19
1068	The Effect of Propofol on Oxidative Stress in Platelets from Surgical Patients. 1999 , 89, 1050		44
1067	Glutathione excretion in response to heterologous protein secretion in <i>Saccharomyces cerevisiae</i> . 2000 , 68, 389-95		12
1066	Coenzyme Q10 concentrations and antioxidant status in tissues of breast cancer patients. 2000 , 33, 279-84		139
1065	Fast quantification of the urinary marker of oxidative stress 8-hydroxy-2'-deoxyguanosine using solid-phase extraction and high-performance liquid chromatography with triple-stage quadrupole mass detection. 2000 , 738, 311-7		72
1064	Mitochondrial dysfunction in congenital nephrotic syndrome. 2000 , 80, 1227-32		24
1063	Ursodeoxycholic acid suppresses extent of lipid peroxidation in diseased liver in experimental cholestatic liver disease. 2000 , 45, 1921-8		34
1062	The Chemical Biology of Nitric Oxide. 2000 , 41-55		29
1061	Respiratory muscle function and free radicals: from cell to COPD. 2000 , 55, 704-16		55
1060	Oxidant stress in asthma. 2000 , 55 Suppl 2, S51-3		140
1059	Impact of post-anoxia stress on membrane lipids of anoxia-pretreated potato cells. A re-appraisal. 2000 , 124, 1285-92		40
1058	Oxidants depress the synthesis of phosphatidylinositol 4,5-bisphosphate in heart sarcolemma. 2000 , 382, 48-56		21
1057	Molecular basis of anthracycline-induced cardiotoxicity and its prevention. 2000 , 71, 436-44		166
1056	Effect of decaglycerol monooleate on phagocytosis and respiratory burst activity of human neutrophils: an in vitro study. 2000 , 38, 423-8		5
1055	The role of oxidative stress in the pathogenesis of age-related macular degeneration. 2000 , 45, 115-34		1538
1054	Evidence of a systemic phenomenon for oxidative stress in cholestatic liver disease. 2000 , 47, 710-6		144

1053	Myocardial injury in major aortic surgery. 2000 , 31, 742-50	32
1052	Dietary vitamin C and the risk for periodontal disease. 2000 , 71, 1215-23	184
1051	The Chemical Biology of Nitric Oxide. Balancing Nitric Oxide with Oxidative and Nitrosative Stress. 2000 , 7-29	13
1050	Mechanisms of the antioxidant effects of nitric oxide. 2001 , 3, 203-13	269
1049	Generation of reactive oxygen species by equine spermatozoa. 2001 , 62, 508-15	142
1048	Preconditioning somatothermal stimulation on right seventh intercostal nerve territory increases hepatic heat shock protein 70 and protects the liver from ischemia-reperfusion injury in rats. 2001 , 99, 328-34	30
1047	Chlamydia trachomatis-induced apoptosis occurs in uninfected McCoy cells late in the developmental cycle and is regulated by the intracellular redox state. 2001 , 31, 173-84	28
1046	In vitro antioxidant properties of dantrolene sodium. 2001 , 44, 491-4	164
1045	Distinct patterns of insulin-like growth factor binding protein (IGFBP)-2 and IGFBP-3 expression in oxidant exposed lung epithelial cells. 2001 , 1538, 47-58	33
1044	Effect of antioxidants on preservation of motility, viability and acrosomal integrity of equine spermatozoa during storage at 5 degrees C. 2001 , 56, 577-89	117
1043	Superoxide dismutase, oxidative stress, and cell metabolism. 2000 , 36, 117-32	61
1042	Antagonism of free-radical-induced damage of adlay seed and its antiproliferative effect in human histolytic lymphoma U937 monocytic cells. 2001 , 49, 1564-70	63
1041	Pulmonary antioxidant enzyme activity during early development: Effect of ventilation. 2001 , 2, 63-68	2
1040	Ethanol-induced hepatotoxicity and protective effect of betaine. 2001 , 19, 281-5	39
1039	Increase in free radicals on UHMWPE hip prostheses components due to inflamed synovial cell products. 2001 , 57, 35-40	10
1038	The evaluation of lipid peroxidation and adenosine deaminase activity in patients with Behçet's disease. 2001 , 34, 125-9	42
1037	Ursodeoxycholic acid and in vitro vasoactivity of hydrophobic bile acids. 2001 , 46, 2017-24	4
1036	Effect of ascorbyl palmitate on the preservation of α -tocopherol in sunflower oil, alone and with herbs and spices. 2001 , 73, 255-261	44

1035	Oxidative stress and vascular smooth muscle cell function in liver disease. 2001 , 89, 295-308	34
1034	Melatonin protects against renal oxidative stress after obstructive jaundice in rats. 2001 , 425, 135-9	27
1033	In vivo evidence for accelerated generation of hydroxyl radicals in liver of Long-Evans Cinnamon (LEC) rats with acute hepatitis. 2001 , 30, 547-54	45
1032	Is hyperhomocysteinemia due to the oxidative depletion of folate rather than to insufficient dietary intake?. 2001 , 39, 691-4	68
1031	Antioxidants as therapy in the newborn: some words of caution. 2001 , 50, 681-7	86
1030	Salivary antioxidants and periodontal disease status. 2002 , 61, 137-43	128
1029	The yeast glutaredoxins are active as glutathione peroxidases. 2002 , 277, 16712-7	106
1028	Impact of oxygen stress and energy availability on membrane stability of plant cells. 2002 , 90, 499-507	70
1027	Role of gamma-glutamyltranspeptidase on the response of poorly and moderately differentiated rhabdomyosarcoma cell lines to buthionine sulfoximine-induced inhibition of glutathione synthesis. 2002 , 13, 281-91	4
1026	Lipid peroxidation and erythrocyte antioxidant enzymes in patients with Behçet's disease. 2002 , 197, 9-16	40
1025	2,2'-Diphenyl-1-picrylhydrazyl radical-scavenging active components from adlay (Coix lachryma-jobi L. var. ma-yuen Stapf) hulls. 2002 , 50, 5850-5	71
1024	Biochemical characterization and subcellular localization of human copper transporter 1 (hCTR1). 2002 , 364, 497-505	156
1023	Changes in hepatic TNF-alpha levels, antioxidant status, and oxidation products after renal ischemia/reperfusion injury in mice. 2002 , 107, 234-40	103
1022	Nutrition, antioxidants, and risk factor profile of nonsmokers, passive smokers and smokers of the Prevention Education Program (PEP) in Nuremberg, Germany. 2002 , 34, 600-7	32
1021	Lack of nitric oxide synthase depresses ion transporting enzyme function in cardiac muscle. 2002 , 294, 1030-5	31
1020	Mechanism of the beneficial effects of dantrolene sodium on ethanol-induced acute gastric mucosal injury in rats. 2002 , 45, 421-5	31
1019	Role of muscle endopeptidases and their inhibitors in meat tenderness. 2002 , 13, 400-421	217
1018	In situ detection of reactive oxygen species and nitric oxide production in normal and pathological tissues: improvement by differential interference contrast. 2002 , 37, 591-602	11

1017	Supplementation with antioxidant vitamins prevents oxidative modification of DNA in lymphocytes of HIV-infected patients. 2002 , 32, 414-20	69
1016	In vivo copper-mediated free radical production: an ESR spin-trapping study. 2002 , 58, 1227-39	47
1015	The endocrinology of pre-eclampsia. 2002 , 57, 413-23	38
1014	Nitric oxide and lipid peroxidation are increased and associated with decreased antioxidant enzyme activities in patients with age-related macular degeneration. 2003 , 106, 129-36	71
1013	Hydroxyl radical and hypochlorous acid scavenging activity of small centaury (<i>Centaurium erythraea</i>) infusion. A comparative study with green tea (<i>Camellia sinensis</i>). <i>Phytomedicine</i> , 2003 , 10, 517-22	6.5 63
1012	Targeting oxidative stress-related diseases: organochalcogen catalysts as redox sensitizers. 2003 , 66, 2021-8	22
1011	Chemiluminescence of pulmonary macrophages from patients with inactive sarcoidosis, in different radiological stages. 2003 , 18, 103-6	1
1010	The effect of kefir on the activities of GSH-Px, GST, CAT, GSH and LPO levels in carbon tetrachloride-induced mice tissues. 2003 , 50, 412-6	90
1009	Vitamin E prevents renal dysfunction induced by experimental chronic bile duct ligation. 2003 , 64, 950-61	15
1008	Pulmonary responses of acute exposure to ultrafine iron particles in healthy adult rats. 2003 , 18, 227-35	47
1007	Screening of antioxidant and antimicrobial activities of anise (<i>Pimpinella anisum</i> L.) seed extracts. 2003 , 83, 371-382	480
1006	Elevated protein carbonyls as plasma markers of oxidative stress in acute pancreatitis. 2003 , 3, 375-82	38
1005	A randomised controlled trial investigating the effect of nutritional supplementation on visual function in normal, and age-related macular disease affected eyes: design and methodology [ISRCTN78467674]. 2003 , 2, 12	15
1004	N-acetylcysteine prevents intra-acinar oxygen free radical production in pancreatic duct obstruction-induced acute pancreatitis. 2003 , 1639, 177-84	39
1003	Reactive oxygen species and cryopreservation promote DNA fragmentation in equine spermatozoa. 2003 , 24, 621-8	212
1002	Determination of in vitro antioxidant activity of fennel (<i>Foeniculum vulgare</i>) seed extracts. 2003 , 36, 263-271	509
1001	Redox catalysts as sensitizers towards oxidative stress. 2003 , 535, 179-82	47
1000	Sudarshan Kriya practitioners exhibit better antioxidant status and lower blood lactate levels. 2003 , 63, 281-91	55

999	Antioxidant Activity of Hizikia fusiformis on Reactive Oxygen Species Scavenging and Lipid Peroxidation Inhibition. 2003 , 9, 339-346	132
998	A comparison of the oxidative stress response and antioxidant capacity of open and laparoscopic hernia repairs. 2003 , 13, 167-73	25
997	Lung injury after thoracotomy. 2003 , 91, 132-42	89
996	Glutathione and catalase provide overlapping defenses for protection against respiration-generated hydrogen peroxide in Haemophilus influenzae. 2003 , 185, 5555-62	41
995	Effect of retroperitoneoscopic donor nephrectomy on tissue oxidative stress markers in rabbit pneumoretroperitoneum model. 2003 , 17, 935-9	6
994	The N-terminus of the human copper transporter 1 (hCTR1) is localized extracellularly, and interacts with itself. 2003 , 370, 881-9	73
993	Daily rhythm of gene expression in rat superoxide dismutases. 2003 , 29, 83-95	28
992	Reduced lung cell proliferation following short-term exposure to ultrafine soot and iron particles in neonatal rats: key to impaired lung growth?. 2004 , 16 Suppl 1, 73-81	30
991	Antioxidant Activity of Flesh and Skin of Eptatretus Burgeri (Hag Fish) and Eneidrias Nebulosus (White Spotted Eel). 2004 , 10, 171-177	9
990	The relationship between antioxidant supplements and oxidative stress in renal transplant recipients: a review. 2004 , 50, 451-7	10
989	Blood substitutes and redox responses in the microcirculation. 2004 , 6, 1019-30	9
988	Serum paraoxonase activity is decreased in the active stage of Behçet's disease. 2004 , 88, 1256-8	32
987	The inflammatory response in mild and in severe psoriasis. 2004 , 150, 917-28	182
986	Protease inhibitors modulate apoptosis in mesangial cells derived from a mouse model of HIVAN. 2004 , 65, 860-70	12
985	Thioredoxin is associated with proliferation, p53 expression and negative estrogen and progesterone receptor status in breast carcinoma. 2004 , 112, 123-32	32
984	Effects of taurine on oxidative stress parameters and chromium levels altered by acute hexavalent chromium exposure in mice kidney tissue. 2004 , 102, 209-25	27
983	Activity of Photosystem 2, Lipid Peroxidation, and the Enzymatic Antioxidant Protective System in Heat Shocked Barley Seedlings. 2004 , 42, 15-21	22
982	Changes of the total antioxidative status of blood cells in the progression of stomach and large bowel cancers in patients subjected to primary radical treatment. 2004 , 22, 75-8	

981	The influence of antineoplastic chemotherapy on the glutathione enzymes activity in the blood. 2004 , 22, 79-82	7
980	The oxidative effect of prolonged CO ₂ pneumoperitoneum on renal tissue of rats. 2004 , 18, 1384-8	29
979	The effect of verapamil on the prevention of ischemia/reperfusion injury in the experimental retroperitoneoscopic donor nephrectomy model. 2004 , 18, 1272-5	7
978	Oxygen free radicals and redox biology of organelles. 2004 , 122, 395-412	126
977	Effect of leptin on renal ischemia-reperfusion damage in rats. 2004 , 60, 79-84	23
976	Evidence for intestinal oxidative stress in obstructive jaundice-induced gut barrier dysfunction in rats. 2004 , 180, 177-85	58
975	Oxidative stress effects on erythrocytes determined by FT-IR spectrometry. 2004 , 129, 912-6	45
974	Determination of Antioxidant Activity of Marshmallow Flower (<i>Althaea officinalis</i> L.). 2004 , 37, 1859-1869	29
973	Dietary analysis and patterns of nutritional supplement use in normal and age-related macular disease affected subjects: a prospective cross-sectional study. 2004 , 3, 16	6
972	Oxidative stress and mitochondrial glutathione in human lymphocytes exposed to clinically relevant anesthetic drug concentrations. 2004 , 16, 189-94	15
971	Comparative histochemical and immunohistochemical study on xanthine oxidoreductase/xanthine oxidase in mammalian corneal epithelium. 2004 , 106, 69-75	50
970	Red clover extract as antioxidant active and functional food ingredient. 2004 , 5, 101-105	68
969	Antioxidant, antimicrobial, antiulcer and analgesic activities of nettle (<i>Urtica dioica</i> L.). 2004 , 90, 205-15	479
968	The effect of carbon dioxide pneumoretroperitoneum on free oxygen radicals in rabbit retroperitoneoscopy model. 2004 , 14, 153-6	5
967	Oxidant-antioxidant status and pulmonary function in welding workers. 2005 , 47, 286-92	32
966	Determination of in vitro antioxidant and radical scavenging activities of propofol. 2005 , 53, 281-5	200
965	Determination of the overlapping pK(a) values of chrysin using UV-vis spectroscopy and ab initio methods. 2005 , 62, 657-65	15
964	New 3- and 4-hydroxyfuranones as anti-oxidants and anti-inflammatory agents. 2005 , 13, 4552-64	44

963	Antioxidant properties of lotus seed and its effect on DNA damage in human lymphocytes. 2005 , 89, 379-385	62
962	A redox-sensitive pathway mediates oxidized LDL-induced downregulation of insulin-like growth factor-1 receptor. 2005 , 46, 1266-77	38
961	The protective role of melatonin in experimental hypoxic brain damage. 2005 , 47, 434-9	50
960	Increased glomerular and extracellular malondialdehyde levels in patients and rats with focal segmental glomerulosclerosis. 2005 , 35, 245-50	30
959	The levels of plasma and salivary antioxidants in the patient with recurrent aphthous stomatitis. 2005 , 34, 7-12	48
958	ANTIOXIDANT POTENTIAL OF EEL (<i>ANGUILLA JAPONICA</i> AND <i>CONGER MYRIASTER</i>) FLESH AND SKIN. 2005 , 12, 34-47	21
957	Effects of Tempol, a membrane-permeable radical scavenger, in a rodent model periodontitis. 2005 , 32, 1062-8	52
956	Ca ²⁺ is mobilized by hydroxyl radical but not by superoxide in RTH-149 cells: the oxidative switching-on of Ca ²⁺ signaling. 2005 , 38, 507-13	17
955	Reduced development of experimental periodontitis by treatment with M40403, a superoxide dismutase mimetic. 2005 , 516, 151-7	17
954	Toxicity and detoxification of lipid-derived aldehydes in cultured retinal pigmented epithelial cells. 2005 , 204, 122-34	84
953	Serum oxidant/antioxidant balance in exfoliation syndrome. 2005 , 33, 63-6	32
952	Reactive oxygen species scavenging, metal chelation, reducing power and lipid peroxidation inhibition properties of different solvent fractions from <i>Hizikia fusiformis</i> . 2005 , 220, 363-371	71
951	Peroxyl radical-scavenging activity of coffee brews. 2005 , 221, 471-477	46
950	Assessment of paraoxonase 1 activity and malondialdehyde levels in patients with rheumatoid arthritis. 2005 , 38, 951-5	67
949	Pharmacologic preconditioning effects: prostaglandin E1 induces heat-shock proteins immediately after ischemia/reperfusion of the mouse liver. 2005 , 9, 758-68	15
948	Citrus limonoids induce apoptosis in human neuroblastoma cells and have radical scavenging activity. 2005 , 135, 870-7	119
947	An overview of chagasic cardiomyopathy: pathogenic importance of oxidative stress. 2005 , 77, 695-715	61
946	Ischemia-reperfusion injury of adipofascial tissue: an experimental study evaluating early histologic and biochemical alterations in rats. 2005 , 2005, 304-8	18

945	Effects of some antibiotics on activity of glucose-6-phosphate dehydrogenase from human erythrocytes in vitro and effect of isepamicin sulfate on activities of antioxidant enzymes in rat erythrocytes. 2005 , 28, 433-45	6
944	The role of selenium, zinc and antioxidant vitamin supplementation in the treatment of bronchial asthma: adjuvant therapy or not?. 2005 , 14, 1145-55	25
943	Evaluation of antioxidant activity of cornelian cherry (<i>Cornus Mas L.</i>). 2005 , 34, 193-202	70
942	Effects of antioxidant supplementation on blood cyclosporin A and glomerular filtration rate in renal transplant recipients. 2005 , 20, 1970-5	29
941	Ultraviolet B radiation-induced immunosuppression: molecular mechanisms and cellular alterations. 2005 , 4, 699-708	48
940	The effects of aqueous extracts prepared from the leaves of <i>Pistacia lentiscus</i> in experimental liver disease. 2005 , 100, 198-204	50
939	Antiradical and antioxidant activity of total anthocyanins from <i>Perilla pankinensis</i> decne. 2005 , 101, 287-93	151
938	Preconditioned hyperbaric oxygenation protects the liver against ischemia-reperfusion injury in rats. 2005 , 128, 28-36	84
937	Lack of systemic oxidative stress during PAF challenge in mild asthma. 2005 , 99, 519-23	5
936	Reaction of haem containing proteins and enzymes with hydroperoxides: the radical view. 2005 , 1707, 127-55	124
935	Towards multifunctional antioxidants: synthesis, electrochemistry, in vitro and cell culture evaluation of compounds with ligand/catalytic properties. 2005 , 3, 1541-6	72
934	Cardiotoxicity of cancer chemotherapy: implications for children. 2005 , 7, 187-202	118
933	The antioxidant and radical scavenging activities of black pepper (<i>Piper nigrum</i>) seeds. 2005 , 56, 491-9	173
932	Asymmetric organotellurides as potent antioxidants and building blocks of protein conjugates. 2005 , 3, 975-80	9
931	[Retinopathy of prematurity and oxidative stress]. 2006 , 64, 126-31	10
930	Zinc center as redox switch--new function for an old motif. 2006 , 8, 835-46	73
929	Chemical Properties of Phenolic Compounds. 2008 , 35-62	2
928	Antioxidant capacity and other bioactivities of the freeze-dried Amazonian palm berry, <i>Euterpe oleracea</i> mart. (acai). 2006 , 54, 8604-10	251

927	A Study on the In Vitro Antioxidant Activity of Juniper (<i>Juniperus communis</i> L.) Fruit Extracts. 2006 , 39, 47-65	100
926	Phenolic Compounds and their Effects on Human Health. 2008 , 235-255	13
925	Evidence for Cu-O ₂ intermediates in superoxide oxidations by biomimetic copper(II) complexes. 2006 , 128, 3683-95	40
924	Contents of carboxylic acids and two phenolics and antioxidant activity of dried portuguese wild edible mushrooms. 2006 , 54, 8530-7	67
923	Effect of the phosphoryl substituent in the linear nitron on the spin trapping of superoxide radical and the stability of the superoxide adduct: combined experimental and theoretical studies. 2006 , 71, 7753-62	19
922	Antioxidant properties of various solvent extracts from wild ginseng leaves. 2006 , 39, 266-274	54
921	Comparative analysis of the in vitro antioxidant activity of white and black pepper. 2006 , 26, 659-663	37
920	Seasonal variation in semen quality in <i>Bos indicus</i> and <i>Bos taurus</i> bulls raised under tropical conditions. 2006 , 66, 822-8	130
919	In vitro antioxidant studies on the benzyl tetra isoquinoline alkaloid berberine. 2006 , 29, 1906-10	201
918	The effect of different combination therapies on oxidative stress markers in HIV infected patients in Cameroon. 2006 , 3, 19	51
917	Antioxidative effects of pumpkin seed (<i>Cucurbita pepo</i>) protein isolate in CCl ₄ -induced liver injury in low-protein fed rats. 2006 , 20, 935-40	43
916	Expression of antioxidant enzymes in astrocytic brain tumors. 2003 , 13, 155-64	44
915	Effects of smoking and gingival inflammation on salivary antioxidant capacity. 2006 , 33, 159-64	60
914	POTENTIAL ANTIOXIDATIVE EFFECTS OF CACTUS PEAR FRUIT (<i>OPUNTIA FICUS-INDICA</i>) EXTRACT ON RADICAL SCAVENGING AND DNA DAMAGE REDUCTION IN HUMAN PERIPHERAL LYMPHOCYTES. 2006 , 13, 445-458	25
913	Antioxidant activity and cytoprotective effect of kappa-carrageenan oligosaccharides and their different derivatives. 2006 , 16, 1329-34	81
912	Antioxidative properties of tronchuda cabbage (<i>Brassica oleracea</i> L. var. <i>costata</i> DC) external leaves against DPPH, superoxide radical, hydroxyl radical and hypochlorous acid. 2006 , 98, 416-425	63
911	Exploration of the global antioxidant capacity of the stratum corneum by cyclic voltammetry. 2006 , 40, 162-7	18
910	HPLC determination of phenolic acids and antioxidant activity in concentrated peat extract--a natural immunomodulator. 2006 , 41, 182-8	40

909	Serum paraoxonase 1 activity and malondialdehyde levels in patients with ulcerative colitis. 2006 , 24, 283-6	28
908	The onset of brain injury and neurodegeneration triggers the synthesis of docosanoid neuroprotective signaling. 2006 , 26, 901-13	73
907	Antioxidant enzymes in oligodendroglial brain tumors: association with proliferation, apoptotic activity and survival. 2006 , 77, 131-40	22
906	Depleted nitrite and enhanced oxidative stress in urolithiasis. 2006 , 21, 177-80	7
905	Cadmium induces reactive oxygen species generation and lipid peroxidation in cortical neurons in culture. 2006 , 40, 940-51	290
904	Oxidant and antioxidant balance in the airways and airway diseases. 2006 , 533, 222-39	505
903	Nitric oxide donors prevent while the nitric oxide synthase inhibitor L-NAME increases arachidonic acid plus CYP2E1-dependent toxicity. 2006 , 216, 282-92	8
902	Comparative study of antioxidant enzymes in tissues surrounding implant in rabbits. 2006 , 24, 275-81	23
901	Periconceptional multivitamin use reduces the risk of preeclampsia. 2006 , 164, 470-7	124
900	Antioxidants: their effects on broiler oxidative stress and its meat oxidative stability. 2006 , 62, 53-70	124
899	Synthesis and evaluation of in vitro antioxidant capacities of some benzimidazole derivatives. 2006 , 21, 241-7	18
898	Global translational responses to oxidative stress impact upon multiple levels of protein synthesis. 2006 , 281, 29011-21	295
897	Protective effect of Houltuynia cordata extract on bleomycin-induced pulmonary fibrosis in rats. 2007 , 35, 465-75	24
896	Chapter 8 Voltammetric sensors for the determination of antioxidant properties in dermatology and cosmetics. 2007 , 49, 163-180	2
895	Antioxidant mechanism is involved in the gastroprotective effects of ozonized sunflower oil in ethanol-induced ulcers in rats. 2007 , 2007, 65873	19
894	Chromium Ions Induced Cytotoxicity and Oxidative Stress in the MG63 Cell Lines. 2007 , 342-343, 609-612	1
893	Oxidative stress and cardiac repair/remodeling following infarction. 2007 , 334, 197-205	65
892	Roles of lipid peroxidation and cytoplasmic droplets on in vitro fertilization capacity of sperm collected from bovine epididymides stored at 4 and 34 degrees C. 2007 , 67, 334-40	61

891	[Evaluation of the in vitro activity of two betalactams on the oxidative metabolism of polymorphonuclear neutrophils]. 2007 , 55, 390-7	1
890	Effects of febrile and afebrile seizures on oxidant state in children. 2007 , 36, 307-11	14
889	Association between the MnSOD Ala-9Val polymorphism and development of schizophrenia and abnormal involuntary movements in the Xhosa population. 2007 , 31, 664-72	29
888	In vitro antioxidant activities of methanol extracts of five <i>Phyllanthus</i> species from India. 2007 , 40, 344-352	510
887	Glutathione depletion induces differential apoptosis in cells of mouse retina, in vivo. 2007 , 417, 266-70	14
886	Modulatory effect of spice extracts on iron-induced lipid peroxidation in rat liver. 2007 , 29, 147-57	32
885	Antioxidant Activity and Total Phenolic Content of Some Brazilian Species. 2007 , 45, 156-161	153
884	Oral administration of vitamin C prevents alveolar bone resorption induced by high dietary cholesterol in rats. 2007 , 78, 2165-70	61
883	Design of new derivatives of nitrono DEPMPO functionalized at C-4 for further specific applications in superoxide radical detection. 2007 , 72, 7886-92	17
882	Inflammatory response to titanium surfaces with fibrinogen and catalase coatings: an in vitro study. 2007 , 80, 693-9	5
881	In vitro study on antioxidant activities of peanut protein hydrolysate. 2007 , 87, 357-362	54
880	Purification of citrus limonoids and their differential inhibitory effects on human cytochrome P450 enzymes. 2007 , 87, 1699-1709	44
879	The efficacy of cashew nut (<i>Anacardium occidentale</i> L.) skin extract as a free radical scavenger. 2007 , 103, 428-433	69
878	Antioxidative properties and phytochemical composition of <i>Ballota nigra</i> infusion. 2007 , 105, 1396-1403	24
877	Antioxidant properties of different fractions of <i>Vitex negundo</i> Linn.. 2007 , 100, 1170-1176	60
876	Determination of antioxidant activity and antioxidant compounds in wild edible mushrooms. 2007 , 20, 337-345	247
875	Isolation and characterization of antioxidant and antibacterial compound from mango ginger (<i>Curcuma amada</i> Roxb.) rhizome. 2007 , 852, 40-8	43
874	Antiinflammatory activity of ethanol extracts of <i>Hypericum perforatum</i> L., <i>H. barbatum</i> Jacq., <i>H. hirsutum</i> L., <i>H. richeri</i> Vill. and <i>H. androsaemum</i> L. in rats. 2007 , 21, 176-80	31

873	Potent inhibition of human cytochrome P450 3A4, 2D6, and 2C9 isoenzymes by grapefruit juice and its furocoumarins. 2007 , 72, C417-21	60
872	In vivo and in vitro antioxidant activity of ghrelin: Attenuation of gastric ischemic injury in the rat. 2007 , 22, 1791-9	87
871	Effect of ultraviolet (UV) A, UVB or ionizing radiation on the cell cycle of human melanoma cells. 2007 , 156, 843-7	17
870	Oxidative stress in patients with Behcet's disease: I correlation with severity and clinical parameters. 2007 , 34, 308-14	24
869	GROWTH CHARACTERISTICS AND ANTIOXIDANT PROPERTIES OF THE BENTHIC DIATOM NAVICULA INCERTA (BACILLARIOPHYCEAE) FROM JEJU ISLAND, KOREA1. 2007 , 43, 823-832	6
868	The role of reactive oxygen and antioxidant species in periodontal tissue destruction. 2007 , 43, 160-232	508
867	Differential involvement of reactive oxygen species in apoptosis caused by the inhibition of protein phosphatase 2A in Jurkat and CCRF-CEM human T-leukemia cells. 2007 , 83, 347-56	18
866	Correlation between cardiac oxidative stress and myocardial pathology due to acute and chronic norepinephrine administration in rats. 2007 , 11, 156-70	101
865	Baicalein improves cognitive deficits induced by chronic cerebral hypoperfusion in rats. 2007 , 86, 423-30	78
864	In vivo hepatoprotective effects of <i>Rhoicissus tridentata</i> subsp. <i>cuneifolia</i> , a traditional Zulu medicinal plant, against CCl ₄ -induced acute liver injury in rats. 2007 , 73, 372-377	28
863	Decreased protein nitration in macrophages that overexpress indoleamine 2, 3-dioxygenase. 2007 , 12, 82-102	11
862	Reactive oxygen species: a breath of life or death?. 2007 , 13, 789-94	740
861	Functions and oxidative stress status of leukocytes in patients with nephrotic syndrome. 2007 , 116, 237-48	4
860	Antioxidant activity of half N-acetylated water-soluble chitosan in vitro. 2007 , 225, 133-138	35
859	Protective effect of enzymatic extracts from microalgae against DNA damage induced by H ₂ O ₂ . 2007 , 9, 479-90	39
858	Glutathione peroxidase, glutathione reductase and protein oxidation in patients with glioblastoma multiforme and transitional meningioma. 2007 , 133, 627-33	24
857	Oxidative stress as a component of chromium-induced cytotoxicity in rat calvarial osteoblasts. 2008 , 24, 201-12	21
856	Decreased expression of antioxidant enzymes is associated with aggressive features in ependymomas. 2008 , 90, 283-91	5

855	Radical scavenging capacity and cytoprotective effect of enzymatic digests of <i>Ishige okamurae</i> . 2008 , 20, 1087-1095	60
854	Impact of UV-B radiation on antioxidant enzymes and protein electrophoretic pattern of the green alga <i>Chlorococcum</i> sp.. 2008 , 58, 195-201	8
853	Free radical and reactive oxygen species scavenging activities of the extracts from seahorse, <i>Hippocampus kuda</i> Bleeler. 2008 , 13, 705-715	29
852	The protective and antidotal effects of taurine on hexavalent chromium-induced oxidative stress in mice liver tissue. 2008 , 125, 46-58	47
851	Serum phenylalanine in patients post trauma and with sepsis correlate to neopterin concentrations. 2008 , 35, 303-7	64
850	Identification and characterization of a super-stable Cu-Zn SOD from leaves of turmeric (<i>Curcuma longa</i> L.). 2008 , 228, 307-18	18
849	Prediction and Evaluation of the Piperonylidene Analogue of PBN by DFT Calculations & NBT Reduction Mediated Spectral Assay. 2008 , 26, 1780-1786	
848	The French paradox: Determining the superoxide-scavenging capacity of red wine and other beverages. 2008 , 36, 39-42	7
847	Inflorescences of Brassicacea species as source of bioactive compounds: A comparative study. 2008 , 110, 953-61	44
846	Antioxidant activity and proline content of leaf extracts from <i>Dorystoechas hastata</i> . 2008 , 111, 400-7	67
845	Effect of surfactants on liquid-phase oxidation of hydrocarbons and lipids. 2008 , 78, 1533-1544	23
844	Determination of antioxidant activity of various extracts of <i>Parmelia saxatilis</i> . 2008 , 63, 211-216	9
843	Testing usability of butylated hydroxytoluene in conservation of goat semen. 2008 , 43, 525-30	22
842	Carbonic anhydrase IX in oligodendroglial brain tumors. 2008 , 8, 1	128
841	Bioprotective properties of seaweeds: in vitro evaluation of antioxidant activity and antimicrobial activity against food borne bacteria in relation to polyphenolic content. 2008 , 8, 38	115
840	Antioxidant and free radical scavenging activity of <i>Spondias pinnata</i> . 2008 , 8, 63	298
839	DDPH: improving cognitive deficits beyond its alpha 1-adrenoceptor antagonism in chronic cerebral hypoperfused rats. 2008 , 588, 178-88	29
838	Effect of exercise on oxidative stress biomarkers. 2008 , 46, 1-50	102

837	Lasers in medicine. 2008 , 71, 056701	122
836	Blood oxidative stress biomarkers: influence of sex, exercise training status, and dietary intake. 2008 , 5, 218-28	108
835	Ferulic acid from aleurone determines the antioxidant potency of wheat grain (<i>Triticum aestivum</i> L.). 2008 , 56, 5589-94	92
834	In vitro antioxidant and antimicrobial activities of the extract of <i>Pericarpium Citri Reticulatae</i> of a new Citrus cultivar and its main flavonoids. 2008 , 41, 597-603	134
833	Gene expression profiling in practitioners of Sudarshan Kriya. 2008 , 64, 213-8	56
832	Antimutagenicity of rosmarinic acid in Swiss mice evaluated by the micronucleus assay. 2008 , 657, 150-4	77
831	Function of reactive oxygen species during animal development: passive or active?. 2008 , 320, 1-11	247
830	Serum phenylalanine concentrations in patients with ovarian carcinoma correlate with concentrations of immune activation markers and of isoprostane-8. 2008 , 272, 141-7	72
829	Enzymatic modification by tannase increases the antioxidant activity of green tea. 2008 , 41, 130-137	56
828	Antioxidant and Free Radical Scavenging Effects of <i>Lippia nodiflora</i> . 2008 , 46, 762-771	20
827	In Vitro Antioxidant Activity of Three Piper Species. 2008 , 7, 49-64	13
826	Synthesis, anti-bacterial and anti-oxidant properties of thiadiazaphosphol-2-ones. 2008 , 56, 1486-9	8
825	Analysis and monitoring of oxidative stress in exercise and training by FTIR spectrometry. 2008 , 3, 119-30	10
824	Oxidative damage and antioxidant status in patients with cervical intraepithelial neoplasia and carcinoma of the cervix. 2008 , 17, 555-60	27
823	Advanced oxidation protein products: a novel marker of oxidative stress in ulcerative colitis. 2008 , 42, 687-91	27
822	Oxidative stress and antioxidant defense mechanisms linked to exercise during cardiopulmonary and metabolic disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2009 , 2, 43-51	6.7 91
821	The effect of vitamin-C containing nutraceutical on periodontal wound healing as an adjunct to non-surgical or surgical periodontal treatment. 2009 , 39, 157	2
820	Therapeutic antioxidant medical gas. 2009 , 44, 1-13	92

819	Survival of monocytes and macrophages and their role in health and disease. 2009 , 14, 4079-102	37
818	Exposure to bitumen fumes and genotoxic effects on Turkish asphalt workers. 2009 , 47, 321-6	20
817	Effect of taurine on antioxidant enzyme system in B16F10 melanoma cells. 2009 , 643, 491-9	30
816	Cell protection induced by Acacia salicina extracts: inhibition of genotoxic damage and determination of its antioxidant capacity. 2009 , 32, 139-49	2
815	Antigenotoxic and antioxidant activities of isorhamnetin 3-O neohesperidoside from Acacia salicina. 2009 , 32, 258-67	18
814	Evaluation of Antioxidant Properties of Phaulopsis fascisepala C.B.Cl. (Acanthaceae). 2009 , 6, 227-31	34
813	Effect of lipid peroxidation on beating frequency of human sperm tail. 1994 , 26, 61-5	15
812	Iron in the brain. 1993 , 51, 157-70	256
811	Cholinergic and oxidative stress mechanisms in sudden infant death syndrome. 2009 , 98, 1768-75	12
810	Administration of Chlorella sp. microalgae reduces endotoxemia, intestinal oxidative stress and bacterial translocation in experimental biliary obstruction. 2009 , 28, 674-8	10
809	Trypanosoma cruzi infection disturbs mitochondrial membrane potential and ROS production rate in cardiomyocytes. 2009 , 47, 1414-21	91
808	Towards the mechanism and comparative effect of diphenyl diselenide, diphenyl ditelluride and ebselen under various pathophysiological conditions in rat's kidney preparation. 2009 , 182, 52-8	11
807	DDPH ameliorated oxygen and glucose deprivation-induced injury in rat hippocampal neurons via interrupting Ca ²⁺ overload and glutamate release. 2009 , 603, 50-5	18
806	Generation of reactive oxygen species from porous silicon microparticles in cell culture medium. 2010 , 93, 1124-31	17
805	Activation and reversal of lipotoxicity in PC12 and rat cortical cells following exposure to palmitic acid. 2009 , 87, 1207-18	44
804	Plasma malondialdehyde levels and CXCR4 expression in peripheral blood cells of breast cancer patients. 2009 , 135, 997-1004	20
803	Effect of artrofoon and SCENAR therapy on parameters of LPO and antioxidant system of the blood in patients with peritonitis in postoperative period. 2009 , 148, 497-500	2
802	Evaluation of antioxidant activity of hesperidin and its protective effect on H ₂ O ₂ induced oxidative damage on pBR322 DNA and RBC cellular membrane. 2009 , 323, 21-9	47

801	Chemical constituents from the leaves of <i>Michelia compressa</i> var. <i>formosana</i> . 2009 , 45, 931-933	8
800	Vanadium pentoxide effects on stress responses in wine <i>Saccharomyces cerevisiae</i> strain UE-ME3. 2009 , 18, 1116-22	2
799	Flavonoids as anti-inflammatory agents: implications in cancer and cardiovascular disease. 2009 , 58, 537-52	665
798	Roles of polysaccharide from <i>Branchiostoma belcheri</i> in anti-DNA oxidation and anti-tumor activity in S180 mice. 2009 , 27, 845-850	1
797	Antioxidant secoiridoids from fringe tree (<i>Chionanthus virginicus</i> L.). 2009 , 43, 195-212	96
796	EVALUATION OF ANTIOXIDANT ACTIVITIES OF <i>AQUILEGIA OXYSEPALA</i> HYDROETHANOLIC EXTRACT. 2009 , 33, 500-505	
795	Sister chromatid exchange and micronucleus studies in patients with Behçet's disease. 2009 , 36, 831-7	26
794	Refrigerated storage of red deer epididymal spermatozoa in the epididymis, diluted and with vitamin C supplementation. 2009 , 44, 212-20	26
793	OPTIMAL GROWTH CONDITIONS AND ANTIOXIDATIVE ACTIVITIES OF <i>CYLINDROTHECA CLOSTERIUM</i> (BACILLARIOPHYCEAE)(1). 2009 , 45, 1405-15	10
792	Lysophosphatidylethanolamine is - in contrast to - choline - generated under in vivo conditions exclusively by phospholipase A2 but not by hypochlorous acid. 2009 , 37, 202-10	21
791	Antioxidant properties of selected tropical wild edible mushrooms. 2009 , 22, 269-277	105
790	Salivary antioxidants in patients with type 1 or 2 diabetes and inflammatory periodontal disease: a case-control study. 2009 , 80, 1440-6	51
789	Evaluation of antioxidant properties of monoaromatic derivatives of pulvinic acids. 2009 , 52, 2454-64	28
788	<i>Pieris brassicae</i> inhibits xanthine oxidase. 2009 , 57, 2288-94	8
787	Metabolic syndrome and periodontitis: is oxidative stress a common link?. 2009 , 88, 503-18	153
786	<i>Boerhaavia diffusa</i> : metabolite profiling of a medicinal plant from Nyctaginaceae. 2009 , 47, 2142-9	29
785	Antioxidant activities, metal contents, total phenolics and flavonoids of seven <i>Morchella</i> species. 2009 , 47, 2381-8	152
784	Oxidative stress in the pathogenesis of diffuse lung diseases: a review. 2009 , 103, 1245-56	141

783	Effect of antioxidant supplementation in semen extenders on semen quality and reactive oxygen species of chilled canine spermatozoa. 2009 , 112, 119-35	57
782	Ecophysiological tolerance of duckweeds exposed to copper. 2009 , 91, 1-9	91
781	Acute exercise and oxidative stress: a 30 year history. 2009 , 8, 1	392
780	The role of hypochlorous acid as one of the reactive oxygen species in periodontal disease. 2009 , 4, 45-54	39
779	Disparate oxidant gene expression of airway epithelium compared to alveolar macrophages in smokers. 2009 , 10, 111	16
778	Screening and evaluation of antioxidant activity of some amido-carbonyl oxime derivatives and their radical scavenging activities. 2009 , 24, 1141-7	17
777	Lipid peroxidation, glutathione, vitamin E, and antioxidant enzymes in synovial fluid from patients with osteoarthritis. 2009 , 12, 324-8	41
776	Decreased serum paraoxonase 1 activity and increased serum homocysteine and malondialdehyde levels in age-related macular degeneration. 2009 , 217, 17-22	49
775	Polymeric Iron Porphyrin Complex-Modified Carbon Electrodes for Detection of Nitric Oxide (NO). 2010 , 67, 97-103	
774	Vitamin E prevents buthionine sulfoximine-induced biochemical disorders in the rat. 2004 , 56, 91-9	4
773	Effects of carbon dioxide pneumoperitoneum on hepatic function in obstructive jaundice: an experimental study in a rat model. 2010 , 395, 667-76	5
772	Involvement of free radicals in animal diseases. 2010 , 19, 615-619	20
771	Neuroprotective effect of Spirulina in cerebral ischemia-reperfusion injury in rats. 2010 , 117, 1083-91	40
770	Trace minerals status and antioxidant enzymes activities in calves with dermatophytosis. 2010 , 136, 40-7	11
769	Polyphenolics profile, antioxidant and radical scavenging activity of leaves and stem of <i>Raphanus sativus</i> L. 2010 , 65, 8-17	60
768	Electron flow through metalloproteins. 2010 , 1797, 1563-72	185
767	Assessment of isorhamnetin 3-O-neohesperidoside from <i>Acacia salicina</i> : protective effects toward oxidation damage and genotoxicity induced by aflatoxin B1 and nifuroxazide. 2010 , 30, 551-8	17
766	Synthesis and antioxidant activity of new pyridines containing gallate moieties. 2010 , 343, 528-34	7

765	Dietary supplementation with soybean lecithin increases pulmonary PAF bioactivity in asthmatic rats. 2010 , 21, 532-7	9
764	Biologically important thiols in aqueous extracts of spices and evaluation of their in vitro antioxidant properties. 2010 , 118, 589-593	35
763	Mapping oxidations of apolipoprotein B-100 in human low-density lipoprotein by liquid chromatography-tandem mass spectrometry. 2010 , 404, 109-17	12
762	In vitro cytotoxicity of porous silicon microparticles: effect of the particle concentration, surface chemistry and size. 2010 , 6, 2721-31	146
761	Exploiting Catharanthus roseus roots: Source of antioxidants. 2010 , 121, 56-61	29
760	Comparative study of the antioxidant and reactive oxygen species scavenging properties in the extracts of the fruits of Terminalia chebula, Terminalia belerica and Emblica officinalis. 2010 , 10, 20	111
759	ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF DIFFERENT FLORAL ORIGIN HONEYS FROM TURKIYE. 2010 , 34, 321-335	21
758	Modulatory effects of lycopene and ellagic acid on reproductive dysfunction induced by polychlorinated biphenyl (Aroclor 1254) in male rats. 2010 , 106, 479-89	28
757	Effect of Mesona Blumes gum on physicochemical and sensory characteristics of rice extrudates. 2010 , 45, 2415-2424	11
756	NMDA receptor blockage with 2-amino-5-phosphonovaleric acid improves oxidative stress after spinal cord trauma in rats. 2010 , 48, 285-9	6
755	Protein targets of oxidative damage in human neurodegenerative diseases with abnormal protein aggregates. 2010 , 20, 281-97	161
754	Maternal plasma total antioxidant status in preterm labor. 2010 , 36, 1185-8	11
753	Effect of N-acetyl-L-cysteine supplementation in semen extenders on semen quality and reactive oxygen species of chilled canine spermatozoa. 2010 , 45, 201-7	30
752	Antioxidant profile of whole saliva after scaling and root planing in periodontal disease. 2010 , 40, 164-71	50
751	Effectiveness of hydrogen rich water on antioxidant status of subjects with potential metabolic syndrome-an open label pilot study. 2010 , 46, 140-9	193
750	Profiling of superoxide dismutase isoenzymes in compartments of the developing bovine antral follicles. 2010 , 139, 871-81	35
749	A comparative in vitro study on antifungal and antioxidant activities of Nervilia aragoana and Atlantia monophylla. 2010 , 48, 595-602	13
748	Chemical constituents from the leaves of Michelia alba. 2010 , 24, 398-406	26

747	WITHDRAWN: Antioxidant and metal chelating potential of the solvent fractions of <i>Gelidiella acerosa</i> , the red algae inhabiting South Indian coastal area. <i>Biomedicine and Pharmacotherapy</i> , 2010	7.5	1
746	Effects of methiocarb on lipid peroxidation and glutathione level in rat tissues. 2010 , 33, 50-4		21
745	Homocysteine-induced oxidative stress upregulates chymase in mouse mastocytoma cells. 2010 , 33, 149-54		10
744	Antiperoxidative and anti-apoptotic effects of lycopene and ellagic acid on cyclophosphamide-induced testicular lipid peroxidation and apoptosis. 2010 , 22, 587-96		61
743	The role of NOX enzymes in ethanol-induced oxidative stress and apoptosis in mouse embryos. 2010 , 193, 94-100		97
742	Evaluation of Antioxidant Potential of <i>Melanthera scandens</i> . 2010 , 3, 267-71		3
741	Disulfides as redox switches: from molecular mechanisms to functional significance. 2010 , 12, 53-91		180
740	Antioxidant properties of <i>Urtica pilulifera</i> root, seed, flower, and leaf extract. 2010 , 13, 1224-31		23
739	Assessment of total antioxidant capacity and the use of vitamin C in the treatment of non-smokers with chronic periodontitis. 2010 , 81, 1547-54		61
738	Lipid oxidation in water-in-olive oil emulsions initiated by a lipophilic radical source. 2010 , 114, 3550-8		15
737	Effect of the dibenzylbutyrolactone lignan (-)-hinokinin on doxorubicin and methyl methanesulfonate clastogenicity in V79 Chinese hamster lung fibroblasts. 2010 , 700, 62-6		23
736	Attenuation of cyclosporine A-induced testicular and spermatozoal damages associated with oxidative stress by ellagic acid. 2010 , 10, 177-82		48
735	Neuroprotective activity of <i>Matricaria recutita</i> Linn against global model of ischemia in rats. 2010 , 127, 645-51		47
734	Antioxidant and hepatoprotective activity of ethanol extract of <i>Arachniodes exilis</i> (Hance) Ching. 2010 , 129, 232-7		48
733	Antioxidant, free radical scavenging, anti-inflammatory and hepatoprotective potential of the extract from <i>Parathelypteris nipponica</i> (Franch. et Sav.) Ching. 2010 , 130, 521-8		64
732	Increased blood phenylalanine to tyrosine ratio in HIV-1 infection and correction following effective antiretroviral therapy. 2010 , 24, 403-8		59
731	Chemical composition, in vitro anti-microbial, antifungal and antioxidant activities of the essential oil and methanolic extract of <i>Hymenocrater longiflorus</i> Benth., of Iran. 2010 , 48, 1137-44		77
730	Beyond the mouse model: using <i>Drosophila</i> as a model for sperm interaction with the female reproductive tract. 2010 , 73, 723-39		44

729	Antioxidant activity of seagrasses and seaweeds. 2010 , 53,	18
728	Actividad fñica y estrñ oxidativo. 2010 , 45, 31-40	1
727	Anti-microbial, Anti-oxidant and Anthelmintic Activity of Crude Extract of Solanum xanthocarpum. 2010 , 2, 400-404	10
726	Antioxidant activities and xanthine oxidase inhibitory effects of extracts and main polyphenolic compounds obtained from Geranium sibiricum L. 2010 , 58, 4737-43	88
725	Antioxidant characteristics of Dichrostachys glomerata spice extracts Caracterñticas antioxidantes de los extractos de la especia Dichrostachys glomerata. 2010 , 8, 23-37	11
724	Modulation of doxorubicin-induced genotoxicity by squalene in Balb/c mice. 2010 , 1, 174-9	16
723	Neuroprotective activity of Matricaria recutita against fluoride-induced stress in rats. 2011 , 49, 696-701	32
722	Polyphenols of pseudostem of different banana cultivars and their antioxidant activities. 2011 , 59, 3613-23	33
721	Antioxidant and antipyretic studies on Pothos scandens L. 2011 , 4, 889-99	37
720	In vitro antioxidant and antimicrobial activity cycloart-23-ene-3β25-diol (B2) isolated from Pongamia pinnata (L. Pierre). 2011 , 4, 910-6	13
719	In vitro antioxidant properties of red algal polysaccharides. 2011 , 1, 161-167	27
718	The role of oxidative stress in fetal alcohol spectrum disorders. 2011 , 67, 209-25	116
717	Calycopterin promotes survival and outgrowth of neuron-like PC12 cells by attenuation of oxidative- and ER-stress-induced apoptosis along with inflammatory response. 2011 , 24, 2280-92	19
716	Antioxidant Properties of Extracts from Leaves of Evolvulus alsinoides Linn.. 2011 , 1, 61-67	1
715	Antioxidant Potential of Tinospora cordifolia Extracts and their Protective Effect on Oxidation of Biomolecules. 2011 , 3, 56-62	15
714	Selenium and pseudoexfoliation syndrome. 2011 , 151, 272-6.e1	22
713	Oxidative stress may affect meat quality by interfering with collagen turnover by muscle fibroblasts. 2011 , 44, 582-588	43
712	Antioxidant and antigenotoxic activities in Acacia salicina extracts and its protective role against DNA strand scission induced by hydroxyl radical. 2011 , 49, 1753-8	18

711	Polyphenol contents and radical scavenging capacities of red maple (<i>Acer rubrum</i> L.) extracts. 2011 , 49, 2180-8	54
710	Impact of the carotenoid astaxanthin on phagocytic capacity and ROS/RNS production of human neutrophils treated with free fatty acids and high glucose. 2011 , 11, 2220-6	39
709	Molecular characteristics and antitumor capacity of Glycan extracted from <i>Cynomorium songaricum</i> . 2011 , 48, 788-92	13
708	Nutritional supplement attenuates selected oxidative stress markers in pediatric patients with cystic fibrosis. 2011 , 31, 509-18	14
707	Antidiabetic and in vitro antioxidant potential of <i>Hybanthus enneaspermus</i> (Linn) F. Muell in streptozotocin-induced diabetic rats. 2011 , 1, 316-22	95
706	Protective effects of brassinosteroids against herbicides. 2011 , 309-344	2
705	The role of liver biopsy in detection of hepatic oxidative stress. 2011 , 2011, 613602	10
704	INHIBITION OF MELANOGENIC ACTIVITY BY GELATIN AND POLYPEPTIDES FROM PACIFIC COD SKIN IN B16 MELANOMA CELLS. 2011 , 35, 1099-1116	7
703	Blueberries and Their Anthocyanins: Factors Affecting Biosynthesis and Properties. 2011 , 10, 303-320	129
702	Protection of human erythrocyte using <i>Crinum asiaticum</i> extract and lycorine from oxidative damage induced by 2-amidinopropane. 2011 , 18, 181-7	14
701	Mitochondrial dysfunction promoted by <i>Porphyromonas gingivalis</i> lipopolysaccharide as a possible link between cardiovascular disease and periodontitis. 2011 , 50, 1336-43	71
700	Calcium and reactive oxygen species in acute pancreatitis: friend or foe?. 2011 , 15, 2683-98	50
699	The effect of one-lung ventilation upon pulmonary inflammatory responses during lung resection. 2011 , 25, 170-7	52
698	Favorable effects of trehalose on the development of UVB-mediated antioxidant/pro-oxidant imbalance in the corneal epithelium, proinflammatory cytokine and matrix metalloproteinase induction, and heat shock protein 70 expression. 2011 , 249, 1185-94	30
697	Erythrocyte membrane fluidity and indices of plasmatic oxidative damage after acute physical exercise in humans. 2011 , 111, 1127-33	31
696	Characterization of growth and protein contents from microalgae <i>Navicula incerta</i> with the investigation of antioxidant activity of enzymatic hydrolysates. 2011 , 20, 183-191	49
695	Phenolic contents and antioxidant activities from different tissues of <i>Baekseohyang</i> (<i>Daphne kiusiana</i>). 2011 , 20, 695-702	17
694	In vitro and ex vivo studies of antioxidant activity of carrageenans, sulfated polysaccharides from red algae. 2011 , 150, 426-8	20

693	Effects of phospholipid hydroperoxide glutathione peroxidase mRNA expression on meat quality of <i>M. longissimus dorsi</i> in pigs. 2011 , 232, 433-440	7
692	A comparative study on the antioxidant activities of an acidic polysaccharide and various solvent extracts derived from herbal <i>Houttuynia cordata</i> . 2011 , 83, 537-544	103
691	Protection against adriamycin-induced cardiomyopathy by carnosine in rats: role of endogenous antioxidants. 2011 , 143, 412-24	17
690	Antioxidant potential of bitter cumin (<i>Centratherum anthelminticum</i> (L.) Kuntze) seeds in in vitro models. 2011 , 11, 40	13
689	Evaluation of <i>Abelmoschus moschatus</i> extracts for antioxidant, free radical scavenging, antimicrobial and antiproliferative activities using in vitro assays. 2011 , 11, 64	60
688	Antimutagenic and free radical scavenger effects of leaf extracts from <i>Accacia salicina</i> . 2011 , 10, 37	10
687	Molecular targets and oxidative stress biomarkers in hepatocellular carcinoma: an overview. 2011 , 9, 171	168
686	Hydroxyl Radical and Hydrogen Peroxide are Primarily Responsible for Dielectric Barrier Discharge Plasma-Induced Angiogenesis. 2011 , 8, 1154-1164	66
685	Vitamin C coadministration augments bisphenol A, nonylphenol, and octylphenol induced oxidative damage on kidney of rats. 2011 , 26, 325-37	32
684	Ethanol-induced attenuation of oxidative stress is unable to alter mRNA expression pattern of catalase, glutathione reductase, glutathione-S-transferase (GST1A), and superoxide dismutase (SOD3) enzymes in Japanese rice fish (<i>Oryzias latipes</i>) embryogenesis. 2011 , 153, 159-67	8
683	Antiproliferative potential and DNA scission inhibitory activity of phenolics from whole millet grains. 2011 , 3, 159-170	119
682	Effect of <i>Astragalus sinicus</i> L. seed extract on antioxidant activity. 2011 , 17, 510-516	14
681	Polyphenolic contents and antioxidant potential of stem bark extracts from <i>Jatropha curcas</i> (Linn). 2011 , 12, 2958-71	48
680	The Role of Reactive Oxygen Species in the Pathogenesis of Traumatic Brain Injury. 2011 , 99-118	2
679	Acute exercise increases plasma total antioxidant status and antioxidant enzyme activities in untrained men. 2011 , 2011, 540458	80
678	Bio-prospecting of a few brown seaweeds for their cytotoxic and antioxidant activities. 2011 , 2011, 673083	30
677	Phytochemicals analysis and medicinal potentials of hydroalcoholic extract from <i>Curtisia dentata</i> (Burm.f) C.A. Sm Stem Bark. 2012 , 13, 6189-203	27
676	In vitro antioxidant activity potential of lantadene A, a pentacyclic triterpenoid of <i>Lantana</i> plants. 2012 , 17, 11185-98	20

675	Traditional Chinese medicine formula Qing Huo Yi Hao as superoxide anion scavenger in high glucose-treated endothelial cells. 2012 , 33, 496-502	6
674	Polyphenolics profile and antioxidant properties of Raphanus sativus L. 2012 , 26, 557-63	28
673	Oxidative stress, mitochondrial dysfunction, and aging. 2012 , 2012, 646354	530
672	Response of urinary biomarkers of systemic oxidation to oral iron supplementation in healthy men. 2012 , 33, 53-62	2
671	Total Phenolic Content and Antioxidant Activity of Some Malvaceae Family Species. 2012 , 1, 33-43	58
670	Reactive oxygen species: the 2-edged sword of osteoarthritis. 2012 , 344, 486-90	64
669	Oxidative stress due to anesthesia and surgical trauma and comparison of the effects of propofol and thiopental in dogs. 2012 , 74, 663-5	17
668	Ruthenium(II)/(III) complexes of 4-hydroxy-pyridine-2,6-dicarboxylic acid with PPh ₃ /AsPh ₃ as co-ligand: impact of oxidation state and co-ligands on anticancer activity in vitro. 2012 , 41, 2066-77	90
667	Anti-proliferative activity and protection against oxidative DNA damage by punicalagin isolated from pomegranate husk. 2012 , 49, 345-353	82
666	In vitro antioxidant and free radical scavenging activity of Nardostachys jatamansi DC. 2012 , 5, 112-8	38
665	Oxidative stress and glutathione response in tissue cultures from persons with major depression. 2012 , 46, 1326-32	55
664	Old and new biomarkers of oxidative stress in heart failure. 2012 , 9, e189-e198	4
663	Ochratoxin A exposure biomarkers in the Czech Republic and comparison with foreign countries. 2012 , 17, 577-89	27
662	Protective effect of extract of chicken meat on restraint stress-induced liver damage in mice. 2012 , 3, 662-7	6
661	Pro-oxidant and antioxidant effects of N-acetylcysteine regulate doxorubicin-induced NF-kappa B activity in leukemic cells. 2012 , 8, 650-62	39
660	Oxidative damage to DNA constituents by iron-mediated Fenton reactions: the deoxyadenosine family. 2012 , 30, 394-406	9
659	Antioxidant therapy in hemodialysis patients: a systematic review. 2012 , 81, 233-46	73
658	Empty-level structure and reactive species produced by dissociative electron attachment to tert-butyl peroxybenzoate. 2012 , 116, 3585-92	4

657	Cytomorphological and Physicochemical Evaluations of <i>Cryptocoryne spiralis</i> . 2012 , 18, 304-317	4
656	Assessment of nitric oxide, advanced oxidation protein products, malondialdehyde, and thiol levels in patients with restless legs syndrome. 2012 , 13, 414-8	31
655	Metallation state of human manganese superoxide dismutase expressed in <i>Saccharomyces cerevisiae</i> . 2012 , 523, 191-7	9
654	Comparative in vitro cytotoxicity assessment of airborne particulate matter emitted from stationary engine fuelled with diesel and waste cooking oil-derived biodiesel. 2012 , 61, 23-29	19
653	Improvement of antioxidant activity of chitosan by chemical treatment and ionizing radiation. 2012 , 50, 403-13	45
652	Teneurs en polyphénols et pouvoir antioxydant d'une plante médicinale endémique du Sahara algérien. 2012 , 10, 280-285	8
651	Perioperative levels of glutathione reductase in liver transplant recipients with hepatitis C virus cirrhosis. 2012 , 44, 1542-4	4
650	Antioxidant activity of polyphenolic extracts of <i>Ichnocarpus frutescens</i> . 2012 , 19, 349-55	30
649	Comparison between copper and cisplatin transport mediated by human copper transporter 1 (hCTR1). 2012 , 4, 679-85	29
648	Role of antioxidants in phytomedicine with special reference to antidiabetic herbs. 2012 , 2, S969-S979	8
647	Comparative study on the antioxidant and nitrite scavenging activity of fruiting body and mycelium extract from <i>Pleurotus ferulae</i> . 2012 , 29, 1393-1402	8
646	Antioxidant activity of Mokokathotapapada leaves of <i>Piper betel</i> L. Cv. Kapoori. 2012 , 2, 68-72	4
645	Antioxidant and free radical scavenging activity of <i>Pithecellobium dulce</i> (Roxb.) Benth wood bark and leaves. 2012 , 2, 47-57	13
644	Anti-ulcerogenic activity of the root bark extract of the African laburnum " <i>Cassia sieberiana</i> " and its effect on the anti-oxidant defence system in rats. 2012 , 12, 247	22
643	Oxidative stress in HPV-driven viral carcinogenesis: redox proteomics analysis of HPV-16 dysplastic and neoplastic tissues. 2012 , 7, e34366	50
642	New insights into the role of oxidative stress in scleroderma fibrosis. 2012 , 6, 87-95	57
641	Plasma-Induced Death of HepG2 Cancer Cells: Intracellular Effects of Reactive Species. 2012 , 9, 59-66	161
640	Synthesis and anti-oxidant activity of (5E,9E)-16-(substituted)-7,8-dihydro-16(5)-dibenzo[d,l][1,3,7,10,2]dioxadiazaphosphacyclotridecine-16-ones. 2012 , 345, 495-502	0

639	Prospective evaluation of free radicals and antioxidant activity following 6-month risedronate treatment in patients with postmenopausal osteoporosis. 2012 , 32, 875-80	12
638	Nitroxide derivatives of non-steroidal anti-inflammatory drugs exert anti-inflammatory and superoxide dismutase scavenging properties in A459 cells. 2012 , 165, 1058-67	15
637	Relationship between salivary antioxidant capacity and phases of the menstrual cycle. 2012 , 47, 593-8	7
636	IN VITRO ANTIOXIDANT ACTIVITIES OF THE FERMENTED MARINE MICROALGA PAVLOVA LUTHERI (HAPTOPHYTA) WITH THE YEAST HANSENULA POLYMORPHA(1). 2012 , 48, 475-82	10
635	Antioxidant properties of various solvent extracts from purple basil. 2012 , 95, 100-6	16
634	N-acetyl cysteine suppresses the foam cell formation that is induced by oxidized low density lipoprotein via regulation of gene expression. 2012 , 39, 3001-7	16
633	Effects of sevoflurane and propofol on pulmonary inflammatory responses during lung resection. 2012 , 26, 62-9	37
632	ANTIOXIDANT ACTIVITY OF BENINCASA HISPIDA SEEDS. 2013 , 37, 388-395	14
631	ANTIMICROBIAL, ANTIOXIDANT AND FREE RADICAL-SCAVENGING CAPACITY OF BROWN SEAWEED HIMANTHALIA ELONGATA FROM WESTERN COAST OF IRELAND. 2013 , 37, 322-335	99
630	Uterine fibroids are characterized by an impaired antioxidant cellular system: potential role of hypoxia in the pathophysiology of uterine fibroids. 2013 , 30, 969-74	21
629	Antioxidant mediated protective effect of Parthenium hysterophorus against oxidative damage using in vitro models. 2013 , 13, 120	102
628	Analysis of the parameters of oxidative stress in patients with Parkinson's disease. 2013 , 22, 151-155	4
627	Inhibiting the photosensitized oxidation of anthracene and tryptophan by means of natural antioxidants. 2013 , 87, 1404-1408	
626	Physicochemical and toxicological characteristics of urban aerosols during a recent Indonesian biomass burning episode. 2013 , 20, 2569-78	64
625	Effect of acute administration of L-tyrosine on oxidative stress parameters in brain of young rats. 2013 , 38, 2625-30	24
624	Involvement of free radicals in parasitic infestations. 2013 , 41, 69-76	8
623	Comparative antioxidant study of stem and stem induced callus of Phyllanthus fraternus webster-an important antiviral and hepatoprotective plant. 2013 , 171, 2153-64	6
622	Antioxidant properties of phenolic Schiff bases: structure-activity relationship and mechanism of action. 2013 , 27, 951-64	63

621	Evaluation of <i>Gelidiella acerosa</i> , the red algae inhabiting South Indian coastal area for antioxidant and metal chelating potential. 2013 , 3, 399-406	11
620	Evidence that periodontal treatment improves biomarkers and CVD outcomes. 2013 , 84, S85-S105	62
619	Sex differences of oxidative stress markers in young healthy subjects are marker-specific in plasma but not in saliva. 2013 , 40, 175-80	12
618	Evidence that periodontal treatment improves biomarkers and CVD outcomes. 2013 , 40 Suppl 14, S85-105	90
617	Antioxidant Properties of Cultured Mycelia from Four <i>Pleurotus</i> Species Produced in Submerged Medium. 2013 , 16, 1105-1116	10
616	Synthesis, antimicrobial and antioxidant activities of some new indole derivatives containing pyridopyrimidine and pyrazolopyridine moieties. 2013 , 22, 806-817	23
615	Proteomic analysis of seminal plasma in adolescents with and without varicocele. 2013 , 99, 92-98	61
614	A novel bioactive peptide derived from enzymatic hydrolysis of <i>Ruditapes philippinarum</i> : Purification and investigation of its free-radical quenching potential. 2013 , 48, 325-330	22
613	High-fat feeding, but not strenuous exercise, increases blood oxidative stress in trained men. 2013 , 38, 33-41	16
612	A biophysically based mathematical model for the catalytic mechanism of glutathione reductase. 2013 , 65, 1385-1397	23
611	Antioxidant and hepatoprotective activity of <i>Fagonia schweinfurthii</i> (Hadidi) Hadidi extract in carbon tetrachloride induced hepatotoxicity in HepG2 cell line and rats. 2013 , 150, 973-81	70
610	Oxidant/antioxidant status in cattle with liver cystic echinococcosis. 2013 , 195, 131-5	10
609	Ruthenium(II) carbonyl complexes containing pyridine carboxamide ligands and PPh ₃ /AsPh ₃ /Py coligands: synthesis, spectral characterization, catalytic and antioxidant studies. 2013 , 103, 53-61	28
608	Reactive Oxygen Species in Physiologic and Pathologic Angiogenesis. 2013 , 71-92	1
607	Phytochemical investigation and radical scavenging activities of <i>Melia azedarach</i> and its DNA protective effect in cultured lymphocytes. 2013 , 51, 1331-40	7
606	Antioxidant activity of selected stilbenoids and their bioproduction in hairy root cultures of muscadine grape (<i>Vitis rotundifolia</i> Michx.). 2013 , 61, 11744-58	43
605	Use of necrotic markers in the <i>Drosophila</i> ovary. 2013 , 1004, 215-28	12
604	Stabilization of quercetin flavonoid in MCM-41 mesoporous silica: positive effect of surface functionalization. 2013 , 393, 109-18	71

603	Xanthophylls and the Eye. 2013 , 3923-3958	1
602	Total phenolic contents and free-radical scavenging activities of grape (<i>Vitis vinifera</i> L.) and grape products. 2013 , 64, 210-6	27
601	Modification of oxidative stress on gene expression profiling in the rat infarcted heart. 2013 , 379, 243-53	8
600	Nutritional and bioactive potential of two wild edible mushrooms (<i>Lentinus sajor-caju</i> and <i>Lentinus torulosus</i>) from Similipal Biosphere Reserve, India. 2013 , 22, 137-145	14
599	Interaction between glutathione and apoptosis in systemic lupus erythematosus. 2013 , 12, 741-51	41
598	Protective effect of bilobalide on learning and memory impairment in rats with vascular dementia. 2013 , 8, 935-41	31
597	Synthesis Antioxidant and Antimicrobial Activities of N-[(5?-Substituted 2?-phenyl-1H-indol-3?-yl)methylene]-5-(pyridin-4-yl)-1,3,4-oxadiazol-2-amines. 2013 , 2013, 1-9	2
596	BNC Protects H9c2 Cardiomyoblasts from H ₂ O ₂ -Induced Oxidative Injury through ERK1/2 Signaling Pathway. 2013 , 2013, 802784	35
595	Parthenium hysterophorus: a probable source of anticancer, antioxidant and anti-HIV agents. 2013 , 2013, 810734	33
594	Evaluation of Total Antioxidant Capacity of Saliva in Type 2 Diabetic Patients with and without Periodontal Disease: A Case-Control Study. 2013 , 5, 51-7	30
593	GC/MS Evaluation and In Vitro Antioxidant Activity of Essential Oil and Solvent Extracts of an Endemic Plant Used as Folk Remedy in Turkey: <i>Phlomis bourgaei</i> Boiss. 2013 , 2013, 293080	14
592	Neuroprotective activity of gossypin from <i>Hibiscus vitifolius</i> against global cerebral ischemia model in rats. 2013 , 45, 575-80	11
591	A study of serum malondialdehyde and cytokine in tuberculosis patients. 2013 , 7, 2140-2	6
590	An antioxidant extract of tropical lichen, <i>Parmotrema reticulatum</i> , induces cell cycle arrest and apoptosis in breast carcinoma cell line MCF-7. 2013 , 8, e82293	45
589	Erythropoietin ameliorates oxidative stress and tissue injury following renal ischemia/reperfusion in rat kidney and lung. 2013 , 22, 70-4	30
588	Role of aqueous extract of <i>Azadirachta indica</i> leaves in an experimental model of Alzheimer's disease in rats. 2013 , 3, 37-47	22
587	Oxidative stress and pathology in muscular dystrophies: focus on protein thiol oxidation and dysferlinopathies. 2013 , 280, 4149-64	109
586	Metabolic syndrome and gingival inflammation in Caucasian children with a family history of obesity. 2013 , 40, 986-93	12

585	Assessment of the Antioxidant and Free Radical Scavenging Activities of Methanolic Extract of <i>Diplazium esculentum</i> . 2013 , 16, 1351-1370	20
584	Using an Agent-Based Model to Examine the Role of Dynamic Bacterial Virulence Potential in the Pathogenesis of Surgical Site Infection. 2013 , 2, 510-526	20
583	Influence of bovine sperm DNA fragmentation and oxidative stress on early embryo in vitro development outcome. 2013 , 146, 433-41	75
582	Total serum oxidant/antioxidant status and arylesterase activity in recurrent aphthous stomatitis. 2013 , 25, 273-7	17
581	Antimicrobial and antioxidant activities of two endemic plants from Aksaray in Turkey. 2013 , 10, 449-57	3
580	The role of protonation states in ligand-receptor recognition and binding. 2013 , 19, 4182-90	56
579	Evaluation of the Antioxidant Capacity and Phenolic Content of <i>Agriophyllum pungens</i> Seed Extracts from Mongolia. 2013 , 18, 188-95	37
578	Role of Vitamin E in Counteracting Oxidative Stress in Poultry. 2014 , 51, 109-117	50
577	Ceramide transfer protein deficiency compromises organelle function and leads to senescence in primary cells. 2014 , 9, e92142	16
576	Antioxidant property of aerial parts and root of <i>Phyllanthus fraternus</i> Webster, an important medicinal plant. 2014 , 2014, 692392	14
575	A comparison of the different animal models of fetal alcohol spectrum disorders and their use in studying complex behaviors. 2014 , 2, 93	121
574	Cardiovascular complications of sleep apnea: role of oxidative stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 985258	6.7 54
573	Cognitive function, plasma MnSOD activity, and MnSOD Ala-9Val polymorphism in patients with schizophrenia and normal controls. 2014 , 40, 592-601	17
572	Antioxidant potential of <i>Sutherlandia frutescens</i> and its protective effects against oxidative stress in various cell cultures. 2014 , 14, 271	20
571	Alleviation of antioxidant defense system by ozonized olive oil in DNBS-induced colitis in rats. 2014 , 2014, 967205	6
570	Occupational Health Hazards among Sewage Workers: Oxidative Stress and Deranged Lung Functions. 2014 , 8, BC11-2	5
569	Preconditioning somatothermal stimulation on Qimen (LR14) reduces hepatic ischemia/reperfusion injury in rats. 2014 , 14, 18	3
568	Evaluation of Antioxidant, Radical-Scavenging and Acetylcholinesterase Inhibitory Activities of Various Culinary Herbs Cultivated in Southern Turkey. 2014 , 38, 602-611	4

567	In vitro antioxidant activity and total phenolic content of endophytic fungi isolated from <i>Eugenia jambolana</i> Lam. 2014 , 751, S256-61	83
566	Phenolic Contents, Antioxidant and Anti-inflammatory Activities of <i>Asparagus cochinchinensis</i> (Loureiro) Merrill. 2014 , 38, 83-91	24
565	Cypermethrin alters the status of oxidative stress in the peripheral blood: relevance to Parkinsonism. 2014 , 70, 915-24	11
564	Association between plasma levels of manganese and periodontal status: a study based on the fourth Korean National Health and Nutrition Examination Survey. 2014 , 85, 1748-54	3
563	Intracellular reactive oxygen species mark and influence the megakaryocyte-erythrocyte progenitor fate of common myeloid progenitors. 2014 , 32, 548-57	25
562	Selectivity in ROS-induced peptide backbone bond cleavage. 2014 , 118, 11399-404	15
561	Evaluation of Antioxidant Activity, and Nutritional and Chemical Composition of <i>Ficus amplissima</i> Smith Fruit. 2014 , 17, 454-468	3
560	Novel heteroaryl phosphonicdiamides PTPs inhibitors as anti-hyperglycemic agents. 2014 , 22, 76	5
559	In vitro assessment of phytochemicals, antioxidant and DNA protective potential of wild edible fruit of <i>Elaeagnus latifolia</i> Linn. 2014 , 69, 303-314	12
558	Ultraweak photon emission as a non-invasive health assessment: a systematic review. 2014 , 9, e87401	37
557	APE1/Ref-1 as an emerging therapeutic target for various human diseases: phytochemical modulation of its functions. 2014 , 46, e106	91
556	Oxidative stress and its biomarkers in systemic lupus erythematosus. 2014 , 21, 23	111
555	Immune changes and neurotransmitters: possible interactions in depression?. 2014 , 48, 268-76	80
554	Evaluation of bioactive properties of Indian carrot (<i>Daucus carota</i> L.): A chemometric approach. 2014 , 60, 76-85	46
553	Evaluation of nutritional composition and antioxidant properties of underutilized <i>Ficus talboti</i> King fruit for nutraceuticals and food supplements. 2014 , 51, 1260-8	9
552	Antioxidant Activity of <i>Nocardiosis</i> sp., a Marine Actinobacterium, Isolated from the Gulf of Mannar Biosphere Reserve, India. 2014 , 37, 65-70	8
551	Phenolic composition and comparison of antioxidant activity of alcoholic extracts of Peppermint (<i>Mentha piperita</i>). 2014 , 8, 113-121	31
550	Lasing the DNA fragments through Ediketimine framed Knoevenagel condensed Cu(II) and Zn(II) complexes--an in vitro and in vivo approach. 2014 , 118, 867-82	8

549	Oxidative damage to DNA constituents by iron-mediated Fenton reactions--the thymidine family. 2014 , 32, 155-69	6
548	Phytochemicals, Antioxidant and Anti-Lipid Peroxidation Activities of Ethanolic Extract of a Medicinal Plant, <i>Andrographis paniculata</i> . 2014 , 38, 584-591	9
547	Polyphenolic profile and antioxidant properties of rhizome of commercial banana cultivars grown in India. 2014 , 8, 22-32	15
546	An anthocyanin-rich strawberry extract protects against oxidative stress damage and improves mitochondrial functionality in human dermal fibroblasts exposed to an oxidizing agent. 2014 , 5, 1939-48	89
545	Redox proteomics analysis to decipher the neurobiology of Alzheimer-like neurodegeneration: overlaps in Down's syndrome and Alzheimer's disease brain. 2014 , 463, 177-89	74
544	Protective effects of piperine against copper-ascorbate induced toxic injury to goat cardiac mitochondria in vitro. 2014 , 5, 2252-67	18
543	ESR study of the spin adducts of three analogues of DEPMPO substituted at C4 or C3. 2014 , 4, 11610-11623	1
542	Advances in the electrochemical simulation of oxidation reactions mediated by cytochrome p450. 2014 , 27, 1652-68	37
541	Influence of exercise intensity on systemic oxidative stress and antioxidant capacity. 2014 , 34, 377-83	58
540	Erythrocyte superoxide dismutase, glutathione peroxidase, and catalase activities and risk of coronary heart disease in generally healthy women: a prospective study. 2014 , 180, 901-8	15
539	Assessment of the phytochemical constituents and antioxidant activity of a bloom forming microalgae <i>Euglena tuba</i> . 2014 , 47, 24	22
538	2013 Southeast Asian smoke haze: fractionation of particulate-bound elements and associated health risk. 2014 , 48, 4327-35	182
537	Evaluation of nutritional and nutraceutical potentials of three wild edible mushrooms from Similipal Biosphere Reserve, Odisha, India. 2014 , 9, 111-120	13
536	Influence of acute exercise of varying intensity and duration on postprandial oxidative stress. 2014 , 114, 1913-24	15
535	Paradoxical action of reactive oxygen species in creation and therapy of cancer. 2014 , 735, 150-68	65
534	Evaluation of the effects of fructose on oxidative stress and inflammatory parameters in rat brain. 2014 , 50, 1124-30	16
533	The interplay of light and oxygen in the reactive oxygen stress response of <i>Chlamydomonas reinhardtii</i> dissected by quantitative mass spectrometry. 2014 , 13, 969-89	23
532	Comparative Study on Antioxidant Potential and Phytochemical Composition of Cumin and Fennel. 2014 , 20, 245-255	5

531	Ruthenium(III) S-methylisothiosemicarbazone Schiff base complexes bearing PPh ₃ /AsPh ₃ coligand: synthesis, structure and biological investigations, including antioxidant, DNA and protein interaction, and in vitro anticancer activities. 2014 , 138, 63-74	32
530	High-salt diet enhances hippocampal oxidative stress and cognitive impairment in mice. 2014 , 114, 10-5	30
529	Effect of periodontal therapy on lactoferrin levels in gingival crevicular fluid. 2014 , 59, 314-20	13
528	Fish oil supplementation decreases oxidative stress but does not affect platelet-activating factor bioactivity in lungs of asthmatic rats. 2014 , 49, 665-75	11
527	IMM-H004, a novel coumarin derivative compound, attenuates the production of inflammatory mediatory mediators in lipopolysaccharide-activated BV2 microglia. 2014 , 106, 30-8	27
526	Effect of atmospheric gas plasmas on cancer cell signaling. 2014 , 134, 1517-28	130
525	Plasma markers of oxidative stress are uncorrelated in a wild mammal. 2015 , 5, 5096-108	22
524	Potential interactions of prescription and over-the-counter medications having antioxidant capabilities with radiation and chemotherapy. 2015 , 137, 2525-33	12
523	Efectos del mantenimiento de varias anestесias sobre los niveles sѐricos de selenio, cobre, cinc y hierro y la capacidad antioxidante. 2015 , 65, 51-60	1
522	Action of anti-Mѐthuscarinic acetylcholine receptor IgG of primary Sjѐgren's syndrome on the enzymatic antioxidant system in rat submandibular gland. 2015 , 44, 876-83	4
521	Evaluating the Oxidative Stress in Inflammation: Role of Melatonin. 2015 , 16, 16981-7004	92
520	Study of Polyphenol Content and Antioxidant Capacity of Myrianthus Arboreus (Cecropiaceae) Root Bark Extracts. 2015 , 4, 410-26	40
519	An Antioxidant Extract of the Insectivorous Plant Drosera burmannii Vahl. Alleviates Iron-Induced Oxidative Stress and Hepatic Injury in Mice. 2015 , 10, e0128221	25
518	Saraca indica bark extract shows in vitro antioxidant, antibreast cancer activity and does not exhibit toxicological effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 205360	6.7 11
517	Antioxidant and proapoptotic activities of Sclerocarya birrea [(A. Rich.) Hochst.] methanolic root extract on the hepatocellular carcinoma cell line HepG2. 2015 , 2015, 561589	28
516	Evaluation of non-surgical therapy on glutathione levels in chronic periodontitis. 2015 , 9, 415-422	11
515	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. 2015 , 4, 322-44	21
514	Reactive oxygen species and hydrogen peroxide generation in cell migration. 2015 , 8, e1074360	13

513	Gamma irradiated chitosan and its derivatives as antioxidants for minced chicken. 2015 , 79, 997-1004	11
512	Phytochemical analysis, antioxidant and antilipid peroxidation effects of a medicinal plant, <i>Adhatoda vasica</i> . 2015 , 8, 305-312	12
511	Studies on phytochemical analysis, antioxidant and lipid peroxidation inhibitory effects of a medicinal plant, <i>Coleus forskohlii</i> . 2015 , 8, 139-147	2
510	Nutritional supplements in age-related macular degeneration. 2015 , 93, 105-21	29
509	An electrochemiluminescence biosensor for 8-oxo-7,8-dihydro-2'-deoxyguanosine quantification and DNA repair enzyme activity analysis using a novel bifunctional probe. 2015 , 69, 235-40	13
508	The impact of antioxidant agents complimentary to periodontal therapy on oxidative stress and periodontal outcomes: A systematic review. 2015 , 60, 1203-14	58
507	Cancer prevention and therapy through the modulation of the tumor microenvironment. 2015 , 35 Suppl, S199-S223	201
506	Comparaci3n de los efectos de la perfusi3n de sevoflurano, desflurano y del propofol sobre el sistema oxidante/antioxidante durante la anestesia general. 2015 , 65, 68-72	
505	Occupational exposure to chemicals and oxidative toxic stress. 2015 , 7, 1-24	16
504	DNA protection and antioxidant and anti-inflammatory activities of water extract and fermented hydrolysate of abalone (<i>Haliotis discus hannai</i> Ino). 2015 , 24, 689-697	6
503	In vitro antioxidant properties, free radicals scavenging activities of extracts and polyphenol composition of a non-timber forest product used as spice: <i>Monodora myristica</i> . 2015 , 48, 15	51
502	Oxidative Stress and Inflammation in Cardiovascular Diseases: Two Sides of the Same Coin. 2015 , 259-278	
501	Functional beverage of <i>Garcinia mangostana</i> (mangosteen) enhances plasma antioxidant capacity in healthy adults. 2015 , 3, 32-8	20
500	Use of cold atmospheric plasma in the treatment of cancer. 2015 , 10, 029403	58
499	Evaluation of net antioxidant activity of mono- and bis-Mannich base hydrochlorides and 3-keto-1,5-bisphosphonates from their ProAntidex parameter. 2015 , 1091, 152-158	3
498	Evaluation of the antimutagenic, antigenotoxic, and antioxidant activities of <i>Eriobotrya japonica</i> leaves. 2015 , 53, 1786-94	8
497	Relationship of blood and seminal plasma ceruloplasmin, copper, iron and cadmium concentrations with sperm quality in Merino rams. 2015 , 133, 135-139	3
496	Mesoporous Pt Nanotubes as a Novel Sensing Platform for Sensitive Detection of Intracellular Hydrogen Peroxide. 2015 , 7, 24288-95	49

495	Nonylphenol exposure is associated with oxidative and nitrate stress in pregnant women. 2015 , 49, 1469-78		11
494	[Effects of various anesthesia maintenance on serum levels of selenium, copper, zinc, iron and antioxidant capacity]. 2015 , 65, 51-60		5
493	[Comparison of effects on the oxidant/antioxidant system of sevoflurane, desflurane and propofol infusion during general anesthesia]. 2015 , 65, 68-72		11
492	Evaluation of p-cymene, a natural antioxidant. 2015 , 53, 423-8		75
491	Salivary 8-Hydroxydeoxyguanosine is a valuable indicator for oxidative DNA damage in periodontal disease. 2015 , 6, 15-20		8
490	Effects of various anesthesia maintenance on serum levels of selenium, copper, zinc, iron and antioxidant capacity. 2015 , 65, 51-60		3
489	Comparison of effects on the oxidant/antioxidant system of sevoflurane, desflurane and propofol infusion during general anesthesia. 2015 , 65, 68-72		3
488	The antioxidant activities and the xanthine oxidase inhibition effects of walnut (<i>Juglans regia</i> L.) fruit, stem and leaf. 2015 , 50, 233-239		19
487	Antioxidant and Antimicrobial Activities of Callus Culture and Fruits of <i>Phyllanthus emblica</i> L.. 2015 , 21, 230-242		6
486	TiO ₂ Nanostructures in Biomedicine. 2016 , 163-207		4
485	Oxidative Stress in Cancer-Prone Genetic Diseases in Pediatric Age: The Role of Mitochondrial Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 4782426	6.7	10
484	Attenuated Oxidative Stress following Acute Exhaustive Swimming Exercise Was Accompanied with Modified Gene Expression Profiles of Apoptosis in the Skeletal Muscle of Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8381242	6.7	15
483	Protective effects of vitamin C and vitamin E against hysterosalpingography-induced epithelial degeneration and proliferation in rat endometrium. 2016 , 10, 4079-4089		6
482	Effects of Salivary Oxidative Markers on Edentulous Patients' Satisfaction with Prosthetic Denture Treatments: A Pilot Study. 2016 , 11, e0151605		2
481	Global Plant Stress Signaling: Reactive Oxygen Species at the Cross-Road. 2016 , 7, 187		330
480	Neuroprotective Effect of Lycopene Against PTZ-induced Kindling Seizures in Mice: Possible Behavioural, Biochemical and Mitochondrial Dysfunction. 2016 , 30, 306-13		22
479	Total antioxidant status and oxidative stress in recurrent aphthous stomatitis. 2016 , 55, e130-5		25
478	Enzymatic Synthesis of l-Ascorbyl Fatty Acid Esters Under Ultrasonic Irradiation and Comparison of Their Antioxidant Activity and Stability. 2016 , 81, C1370-7		7

477	Glycoside rich fraction from <i>Spondias pinnata</i> bark ameliorate iron overload induced oxidative stress and hepatic damage in Swiss albino mice. 2016 , 16, 262	14
476	Stress-induced nuclear translocation of CDK5 suppresses neuronal death by downregulating ERK activation via VRK3 phosphorylation. 2016 , 6, 28634	11
475	Flavonoids: an overview. 2016 , 5, e47	1644
474	Hepatorenal protection in renal ischemia/reperfusion by celecoxib and pentoxifylline. 2016 , 204, 183-91	13
473	Anthropometric characteristics and evaluation of nutritional status amongst female brick field workers of the unorganized sectors of West Bengal, India. 2016 , 67, 235-44	4
472	Effect of Processing and Storage Methods on the Nutritional, Anti-nutritional, and Anti-oxidant Properties of <i>Paeonia emodi</i> , Wall. ex. Royle. 2016 , 180, 322-37	7
471	Non-native ligands define the active site of <i>Pennisetum glaucum</i> (L.) R. Br dehydroascorbate reductase. 2016 , 473, 1152-1157	8
470	Antioxidant and anti-inflammatory activities of <i>Arbutus unedo</i> aqueous extract. 2016 , 6, 937-944	14
469	Aluminum derivative peroxides in the (t-BuO)3Al/t-BuOOH catalytic system as a source of electron-excited dioxygen: a quantum chemical study on a model. 2016 , 6, 95542-95555	1
468	Redox signaling in rheumatoid arthritis and the preventive role of polyphenols. 2016 , 463, 4-10	44
467	Pharmacological safety evaluation of a traditional herbal medicine "Zereshk-e-Saghir" and assessment of its hepatoprotective effects on carbon tetrachloride induced hepatic damage in rats. 2016 , 190, 387-95	14
466	Quantification of hydrogen peroxide in plant tissues using Amplex Red. 2016 , 109, 105-113	26
465	Nitric oxide signals are interlinked with calcium signals in normal pancreatic stellate cells upon oxidative stress and inflammation. 2016 , 6,	28
464	Hydrocyanines. 2016 , 207-224	
463	Fractionation, physicochemical characteristics and biological activities of polysaccharides from <i>Pueraria lobata</i> roots. 2016 , 67, 54-60	31
462	Biomedical Applications of Carbon Nanomaterials. 2016 , 131-162	2
461	Evaluation of standardized fractions of <i>Basella alba</i> leaves as gastroprotective activity on ulcerated rats. 2016 , 16, 339-347	1
460	Characterization of Microwave Extracted Essential Oil from <i>Taxus cuspidata</i> Stem and Determination of Its Phenolic Content, Antioxidant and Free Radical Scavenging Activities. 2016 , 19, 1051-1065	1

459	A computational study of radical initiated protein backbone homolytic dissociation on all natural amino acids. 2016 , 18, 30972-30981	6
458	Carbontetrachloride induced acute liver damage and protective effect of n-acetylcysteine on rats with regenerated and non-regenerated liver / Karaciğeri rejenere olan ve olmayan sıçnarlarda, karbontetrakloride indğlenen akut karaciğır hasar-ve n-asetilsisteinin koruyucu etkisi. 2016 , 41,	
457	Revisiting cobalt chloride preconditioning to prevent hypobaric hypoxia-induced damage: identification of global proteomic alteration and key networks. 2016 , 16, 281-95	4
456	Comparative antioxidant study in different flower extracts of <i>Nyctanthes arbor-tristis</i> (L.) (Oleaceae): an important medicinal plant. 2016 , 39, 813-820	6
455	Mechanistic Study of the Conversion of Superoxide to Oxygen and Hydrogen Peroxide in Carbon Nanoparticles. 2016 , 8, 15086-92	30
454	Profiling Reactive Metabolites via Chemical Trapping and Targeted Mass Spectrometry. 2016 , 88, 6658-61	11
453	Reactive oxygen and nitrogen species in patients with rheumatoid arthritis as potential biomarkers for disease activity and the role of antioxidants. 2016 , 97, 285-291	88
452	A study on the cytotoxicity of carbon-based materials. 2016 , 68, 101-108	14
451	Evaluation of oxidative DNA damage in blood lymphocytes during the transition period in dairy cows. 2016 , 44, 323-325	2
450	ROS/oxidative stress signaling in osteoarthritis. 2016 , 1862, 576-591	358
449	Decreased antioxidants in the saliva of Khat chewers. 2016 , 7, 18-23	6
448	Short communication: Effects of oral flavonoid supplementation on the metabolic and antioxidative status of newborn dairy calves. 2016 , 99, 805-11	9
447	Efficient electrocatalytic reduction and detection of hydrogen peroxide at an IrVOx/H ₂ O nanostructured electrode prepared by electroflocculation. 2016 , 187, 256-263	5
446	A DFT study on the mechanism and kinetics of reactions of pterostilbene with hydroxyl and hydroperoxyl radicals. 2016 , 1077, 113-118	6
445	Copper elevated embryonic hemoglobin through reactive oxygen species during zebrafish erythrogenesis. 2016 , 175, 1-11	24
444	Synthesis, characterization and antioxidant activity of a novel organic/inorganic hybrid material trans-2,5-dimethylpiperazine-1,4-dium pentachlorobismuthate(III): [C ₆ H ₁₆ N ₂] ₂ BiCl ₅ . 2016 , 1117, 257-264	5
443	Therapies targeting lipid peroxidation in traumatic brain injury. 2016 , 1640, 57-76	70
442	Superoxide Ion: Generation and Chemical Implications. 2016 , 116, 3029-85	983

- 441 Biosynthesis of selenium rich exopolysaccharide (Se-EPS) by *Pseudomonas* PT-8 and characterization of its antioxidant activities. **2016**, 142, 230-9 41
- 440 The bioactive components of *Coreopsis tinctoria* (Asteraceae) capitula: Antioxidant activity in vitro and profile in rat plasma. **2016**, 20, 575-586 32
- 439 Antioxidant activity of linalool in patients with carpal tunnel syndrome. **2016**, 16, 17 46
- 438 Farnesoid X Receptor Protects against Kidney Injury in Uninephrectomized Obese Mice. **2016**, 291, 2397-411 45
- 437 Non-thermal dielectric-barrier discharge plasma damages human keratinocytes by inducing oxidative stress. **2016**, 37, 29-38 15
- 436 Implications for blood-brain-barrier permeability, in vitro oxidative stress and neurotoxicity potential induced by mesoporous silica nanoparticles: effects of surface modification. **2016**, 6, 2800-2809 20
- 435 Amelioration of some immunological disorders caused by the faeces of the dominant true house dust mites in El-Minia Governorate, Egypt. **2016**, 44, 23-31
- 434 Real-time quantification of oxidative stress and the protective effect of nitroxide antioxidants. **2016**, 92, 1-12 19
- 433 Comparison of skeletal muscle miRNA and mRNA profiles among three pig breeds. **2016**, 291, 559-73 31
- 432 Nonenzymatic antioxidants in saliva of patients with systemic lupus erythematosus. **2016**, 25, 265-71 9
- 431 Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation. **2016**, 35, 186-202 111
- 430 Antigenotoxic and antioxidant potentials of newly derivatized compound naringenin-oxime relative to naringenin on human mononuclear cells. **2016**, 39, 66-73 13
- 429 Chemical Constituents, Antioxidative and Antibacterial Properties of Medicinal Mushrooms Collected from Similipal Biosphere Reserve, Odisha, India. **2017**, 87, 559-570 3
- 428 Perylene Diimide as a Precise Graphene-like Superoxide Dismutase Mimetic. **2017**, 11, 2024-2032 40
- 427 Stroke biomarkers in clinical practice: A critical appraisal. **2017**, 107, 11-22 43
- 426 Phenolic Content, Lipid Peroxidation Inhibition and Antioxidant Potential of Leaf Essential Oil of *Ginkgo biloba* in Various Scavenging Models. **2017**, 40, 95-99 3
- 425 Hepatoprotective effect of the solvent extracts of *Viola canescens* Wall. ex. Roxb. against CCl₄ induced toxicity through antioxidant and membrane stabilizing activity. **2017**, 17, 10 9
- 424 Mimicking oxygen delivery and waste removal functions of blood. **2017**, 122, 84-104 21

423	A Novel Superoxide Anion Radical Nonenzymatic Electrochemical Sensor Based on PtRuCu Ternary Alloy Nanoparticles/Graphene Composite Modified Electrode. 2017 , 12, 1750006	8
422	Lutein, a versatile phyto-nutraceutical: An insight on pharmacology, therapeutic indications, challenges and recent advances in drug delivery. 2017 , 5, 64-75	32
421	Gluconacetobacter diazotrophicus exopolysaccharide protects bacterial cells against oxidative stress in vitro and during rice plant colonization. 2017 , 416, 133-147	32
420	Antioxidant capacity of phenolic compounds on human cell lines as affected by grape-tyrosinase and Botrytis-laccase oxidation. 2017 , 229, 779-789	15
419	Sulfonation and Antioxidative Evaluation of Polysaccharides from Pleurotus Mushroom and Streptococcus thermophilus Bacteria: A Review. 2017 , 16, 282-294	11
418	Effects of three genetically-modified strawberry selections on human dermal fibroblasts exposed to AAPH-induced oxidative stress. 2017 , 405-412	
417	Jackfruit (<i>Artocarpus heterophyllus</i> Lam.) peel: A better source of antioxidants and α -glucosidase inhibitors than pulp, flake and seed, and phytochemical profile by HPLC-QTOF-MS/MS. 2017 , 234, 303-313	42
416	Flavonoids from <i>Heliotropium subulatum</i> exudate and their evaluation for antioxidant, antineoplastic and cytotoxic activities II. 2017 , 69, 103-115	9
415	DFT/B3LYP calculations, in vitro cytotoxicity and antioxidant activities of steroidal pyrimidines and their interaction with HSA using molecular docking and multispectroscopic techniques. 2017 , 73, 83-99	40
414	The ethnobotanical, phytochemical and pharmacological properties and medicinal applications of essential oils and extracts of different <i>Ziziphora</i> species. 2017 , 105, 164-192	40
413	In vitro and in vivo antioxidative and radioprotective capacities of polysaccharide isolated from <i>Mesona Blumes</i> gum. 2017 , 69, 1700056	5
412	Exploration of Graphitic-CN Quantum Dots for Microwave-Induced Photodynamic Therapy. 2017 , 3, 1836-1844	60
411	Effects of <i>Hypericum scabrum</i> extract on learning and memory and oxidant/antioxidant status in rats fed a long-term high-fat diet. 2017 , 32, 1255-1265	23
410	Argininic acid alters markers of cellular oxidative damage in vitro: Protective role of antioxidants. 2017 , 69, 605-611	4
409	Hydrocyanines: a versatile family of probes for imaging radical oxidants in vitro and in vivo. 2017 , 2, 191-200	15
408	Hydrogen peroxide sensor based on carbon nanowalls grown by plasma-enhanced chemical vapor deposition. 2017 , 56, 06HF03	22
407	In vitro antioxidant and antidiabetic activities of zinc oxide nanoparticles synthesized using different plant extracts. 2017 , 40, 943-957	76
406	Copper Oxide Nanoparticle Foliar Uptake, Phytotoxicity, and Consequences for Sustainable Urban Agriculture. 2017 , 51, 5242-5251	133

405	Biosensors for Optimal Tissue Engineering: Recent Developments and Shaping the Future. 2017 , 143-167	4
404	Simultaneous overexpression of human E5NT and ENTPD1 protects porcine endothelial cells against HO-induced oxidative stress and cytotoxicity in vitro. 2017 , 108, 320-333	11
403	Oxazole-based high resolution ratiometric fluorescent probes for hydrogen peroxide detection. 2017 , 247, 609-616	17
402	In vitro antioxidant and anti-inflammatory activities of isolated compounds of ethanol extract from <i>Sanchezia speciosa</i> Leonard's leaves. 2017 , 28, 79-84	4
401	Basic Principles of In Vivo Distribution, Toxicity, and Degradation of Prospective Inorganic Nanoparticles for Imaging. 2017 , 9-41	3
400	Antioxidant and antiproliferative effects of different solvent fractions from <i>Terminalia belerica</i> Roxb. fruit on various cancer cells. 2017 , 69, 201-216	5
399	Therapeutic-Gas-Responsive Hydrogel. 2017 , 29, 1702859	35
398	Thiophene bridged hydrocyanine - a new fluorogenic ROS probe. 2017 , 53, 10184-10187	11
397	Expression patterns of members of the isocitrate dehydrogenase gene family in murine inner ear. 2017 , 92, 536-544	3
396	Understanding the Reactivity of CO and NO Radicals toward S-Containing and Aromatic Amino Acids. 2017 , 121, 7621-7632	7
395	Biopolymer -Based Nanocomposites for Environmental Applications. 2017 , 389-421	0
394	Oxidative stress and cellular and tissue damage in organogenic outbred mouse embryos after moderate perigestational alcohol intake. 2017 , 84, 1086-1099	7
393	Real-time Selective Detection of Hydrogen Peroxide Based on a Tantalum Deposited Pencil Lead Electrode for Evaluation of Enzyme Activities. 2017 , 29, 2254-2260	
392	Treadmill running prevents age-related memory deficit and alters neurotrophic factors and oxidative damage in the hippocampus of Wistar rats. 2017 , 334, 78-85	28
391	Protease inhibition, membrane stabilization, antioxidant and phytochemical evaluations of leaves, seeds and calyces of four selected edible medicinal plants. 2017 , 3, 1314064	6
390	Salivary oxidative analysis and periodontal status in children with atopy. 2017 , 9, 199-203	4
389	Ultraviolet Light Induced Generation of Reactive Oxygen Species. 2017 , 996, 15-23	135
388	Quantitative analysis of hydrogen peroxide using ratiometric fluorescent probe-doped silica nanoparticles. 2017 , 9, 108-115	5

387	Role of the adjunctive antimicrobial photodynamic therapy to periodontal treatment at plasmatic oxidative stress and vascular behavior. 2017 , 173, 538-544	4
386	Cube-like CoSn(OH) ₆ nanostructure for sensitive electrochemical detection of H ₂ O ₂ in human serum sample. 2017 , 241, 528-533	39
385	Prohibitin confers cytoprotection against ISO-induced hypertrophy in H9c2 cells via attenuation of oxidative stress and modulation of Akt/Gsk-3 β signaling. 2017 , 425, 155-168	11
384	MECHANISMS IN ENDOCRINOLOGY: Nutrition as a mediator of oxidative stress in metabolic and reproductive disorders in women. 2017 , 176, R79-R99	23
383	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. 2017 , 66, 132-141	80
382	Theoretical, spectroscopic and antioxidant activity studies on (E)-2-[(2-fluorophenylimino)methyl]-4-hydroxyphenol and (E)-2-[(3-fluorophenylimino)methyl]-4-hydroxyphenol compounds. 2017 , 1133, 37-48	9
381	Nomenclature and general classification of antioxidant activity/capacity assays. 2017 , 1-19	4
380	Fluorescence Determination of Glutathione Using Tissue Paper-derived Carbon Dots as Fluorophores. 2017 , 33, 281-285	28
379	Proper Controls to Electrochemically Evaluate Carotenoids using β -Cyclodextrin Modified Surfaces. 2017 , 80, 1177-1187	6
378	Relationship between hyposalivation and oxidative stress in aging mice. 2017 , 61, 40-46	29
377	Correlation between Oxidative Stress, Nutrition, and Cancer Initiation. 2017 , 18,	178
376	Dietary Modulation of Oxidative Stress in Alzheimer's Disease. 2017 , 18,	54
375	Exercise and Glycemic Control: Focus on Redox Homeostasis and Redox-Sensitive Protein Signaling. 2017 , 8, 87	28
374	Oxygen Use in Neonatal Care: A Two-edged Sword. 2016 , 4, 143	41
373	Current Perspective on Nanomaterial-Induced Adverse Effects: Neurotoxicity as a Case Example. 2017 , 75-98	3
372	Biomarkers of oxidative stress and cellular-based assays of indirect antioxidant measurement. 2017 , 165-186	5
371	Antioxidant activities of the new tetrasubstituted metal-free, Zn(II) and Co(II) monophthalocyanines. 2018 , 22, 233-242	9
370	A natural antioxidant, tannic acid mitigates iron-overload induced hepatotoxicity in Swiss albino mice through ROS regulation. 2018 , 33, 603-618	29

369	Dinuclear Cu(II) complexes based on p-xylylene-bridged bis(1,4,7-triazacyclononane) ligands: Synthesis, characterization, DNA cleavage abilities and evaluation of superoxide dismutase- and catalase-like activities. 2018 , 32, e4297	3
368	Assessing the risk of epidemic dropsy from black salve use. 2018 , 38, 1274-1281	3
367	Functionalized Gold Nanoclusters Identify Highly Reactive Oxygen Species in Living Organisms. 2018 , 28, 1702026	64
366	Potential of rare actinomycetes in the production of metabolites against multiple oxidant agents. 2018 , 56, 51-59	13
365	Partial Purification and Some Interesting Properties of Glutathione Peroxidase from Liver of Camel (<i>Camelus dromedarius</i>). 2018 , 44, 41-51	5
364	Nanozymatic Antioxidant System Based on MoS Nanosheets. 2018 , 10, 12453-12462	91
363	Antioxidant activity of resveratrol ester derivatives in food and biological model systems. 2018 , 261, 267-273	72
362	Biocompatibility of new materials based on nano-structured nitinol with titanium and tantalum composite surface layers: experimental analysis in vitro and in vivo. 2018 , 29, 33	31
361	Determination of Antioxidant Properties of Six By-Products of <i>Crocus sativus</i> L. (Saffron) Plant Products. 2018 , 9, 1349-1357	21
360	Proteomic Characterization of Primary Mouse Hepatocytes in Collagen Monolayer and Sandwich Culture. 2018 , 119, 447-454	1
359	Phytochemical and antioxidant properties of some <i>Cassia</i> species. 2018 , 32, 1324-1328	16
358	Potential Contributions of Antioxidants to Cancer Therapy: Immunomodulation and Radiosensitization. 2018 , 17, 210-216	65
357	Characterization of the CDK5 gene in <i>Apis cerana cerana</i> (<i>AccCDK5</i>) and a preliminary identification of its activator gene, <i>AccCDK5r1</i> . 2018 , 23, 13-28	9
356	Effects of Soy Lecithin Extender on Dog Sperm Cryopreservation. 2018 , 29, 174-182	7
355	Disturbance of redox homeostasis in Down Syndrome: Role of iron dysmetabolism. 2018 , 114, 84-93	24
354	Effects of paraoxonase 1 on the cytodifferentiation and mineralization of periodontal ligament cells. 2018 , 53, 200-209	1
353	Comparative study of eco- and cytotoxicity during biotransformation of anthraquinone dye Alizarin Blue Black B in optimized cultures of microscopic fungi. 2018 , 147, 776-787	12
352	From birth to death: A role for reactive oxygen species in neuronal development. 2018 , 80, 43-49	51

351	Why is there selective subcortical vulnerability in ADHD? Clues from postmortem brain gene expression data. 2018 , 23, 1787-1793		19
350	Electrochemical Determination of the Superoxide Anion Radical Using a Gold Nanoparticle Poly(3,4-Ethylenedioxythiophene) Ferrocyanide Multiwalled Carbon Nanotube Glassy Carbon Electrode. 2018 , 51, 1529-1543		4
349	Astaxanthin-antioxidant impact on excessive Reactive Oxygen Species generation induced by ischemia and reperfusion injury. 2018 , 279, 145-158		61
348	Ratiometric fluorescence detection of hydroxyl radical using cyanine-based binary nanoGUMBOS. 2018 , 257, 993-1000		9
347	Antioxidant and Anti-Inflammatory Effects of Delphinidin on Glial Cells and Lack of Effect on Secretase Enzyme. 2018 , 454, 012061		6
346	Frontier Orbitals of Dehydrogenated Tetrahydrocurcumin in Water Solvent: A Theoretical Study. 2018 , 1090, 012029		0
345	Scavenging of lipid peroxy radicals protects plasma lipids and proteins from peroxynitrite. 2018 , 9, 421-426		4
344	The 4-hydroxynonenal mediated oxidative damage of blood proteins and lipids involves secondary lipid peroxidation reactions. 2018 , 16, 2132-2137		6
343	In vitro antioxidant and α-glucosidase inhibitory assay of Zingiber cassumunar roxb.. 2018 ,		2
342	Toxicological evaluation of therapeutic and supra-therapeutic doses of Cellgevity® on reproductive function and biochemical indices in Wistar rats. 2018 , 19, 68		5
341	Evaluation of antioxidant properties of different extracts of Chaetomium cupreum SS02. 2018 , 56, 191-198		4
340	Bioactive compound from Aspergillus terreusDMTMGK004 synergistically contributes towards potential anti-pathogenicity. 2018 , 67, 579-588		1
339	Antioxidant Activities of Phenolic Metabolites from Flemingia philippinensis Merr. et Rolfe and Their Application to DNA Damage Protection. 2018 , 23,		6
338	Interactive effects of nonylphenol and bisphenol A exposure with oxidative stress on fetal reproductive indices. 2018 , 167, 567-574		12
337	The addition of docosahexaenoic acid (DHA) and antioxidants (glutathione peroxidase and superoxide dismutase) in extenders to epididymal sperm cryopreservation in bulls. <i>Zygote</i> , 2018 , 26, 199-206	1.6	11
336	Antioxidant, Hepatoprotective, and Antidepressant Effects of Extracts and Identification of a Novel Bioactive Compound. 2018 , 2018, 7295848		8
335	Age-Related Macular Degeneration: New Paradigms for Treatment and Management of AMD. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 8374647	6.7	101
334	Expression of Intracellular Reactive Oxygen Species in Hematopoietic Stem Cells Correlates with Time to Neutrophil and Platelet Engraftment in Patients Undergoing Autologous Bone Marrow Transplantation. 2018 , 24, 1997-2002		4

333	Phytochemical and antioxidative potential of orange, red, yellow, rainbow and black coloured tropical carrots (subsp. Schubl. & Martens). 2018 , 24, 899-907		18
332	Recent Advances in Studies on the Therapeutic Potential of Dietary Carotenoids in Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4120458	6.7	61
331	Effect of detonation nanodiamond surface composition on physiological indicators of mitochondrial functions. 2018 , 20, 1		5
330	Selenium-Rich Ricegrass Juice Improves Antioxidant Properties and Nitric Oxide Inhibition in Macrophage Cells. 2018 , 7,		7
329	Vitamin E and Testicular Damage Protection in Highly Active Antiretroviral Therapy. 2018 , 219-238		
328	Mitochondria: Central Organelles for Melatonin's Antioxidant and Anti-Aging Actions. 2018 , 23,		159
327	An ellagic acid isolated from <i>Clerodendrum viscosum</i> leaves ameliorates iron-overload induced hepatotoxicity in Swiss albino mice through inhibition of oxidative stress and the apoptotic pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 106, 454-465	7.5	13
326	Iron Homeostasis Pathways as Therapeutic Targets in Acute Kidney Injury. 2018 , 140, 156-159		29
325	Honokiol Alleviates Oxidative Stress-Induced Neurotoxicity via Activation of Nrf2. 2018 , 9, 3108-3116		45
324	Strawberry and Achenes Hydroalcoholic Extracts and Their Digested Fractions Efficiently Counteract the AAPH-Induced Oxidative Damage in HepG2 Cells. 2018 , 19,		6
323	2,4-Dichlorophenol induces DNA damage through ROS accumulation and GSH depletion in goldfish <i>Carassius auratus</i> . 2018 , 59, 798-804		6
322	Homoeriodictyol protects human endothelial cells against oxidative insults through activation of Nrf2 and inhibition of mitochondrial dysfunction. 2018 , 109, 72-82		8
321	Anti-inflammatory and antioxidant properties of jervine, a steroidal alkaloid from rhizomes of <i>Veratrum album</i> . <i>Phytomedicine</i> , 2019 , 55, 191-199	6.5	12
320	Zinc and Metallothionein in the Development and Progression of Dental Caries. 2019 , 187, 51-58		7
319	Lipid oxidation and its implications to meat quality and human health. 2019 , 28, 1275-1285		36
318	Respiratory rhythm generation, hypoxia, and oxidative stress-Implications for development. 2019 , 270, 103259		4
317	The Role of Non-Coding RNAs Involved in Nickel-Induced Lung Carcinogenic Mechanisms. 2019 , 7, 81		3
316	An Adverse Outcome Pathway Linking Organohalogen Exposure to Mitochondrial Disease. 2019 , 2019, 9246495		1

315	Crocin (active constituent of saffron) improves CCl4-induced liver damage by modulating oxidative stress in rats. 2019 , 44, 370-378		1
314	Impact of ROS Generated by Chemical, Physical, and Plasma Techniques on Cancer Attenuation. 2019 , 11,		67
313	Coreopsis tinctoria flowers extract ameliorates D-galactose induced aging in mice via regulation of Sirt1-Nrf2 signaling pathway. 2019 , 60, 103464		9
312	Effects of different extraction solvents on polyphenols and antioxidant capacity of peel, pulp and seed kernel of kuini (<i>Mangifera odorata</i>). 2019 , 19, 277-286		6
311	Seaweeds-derived compounds modulating effects on signal transduction pathways: A systematic review. <i>Phytomedicine</i> , 2019 , 63, 153016	6.5	10
310	Intracellular Delivery of Natural Antioxidants via Hyaluronan Nanohydrogels. 2019 , 11,		8
309	A Guanidine-Based Superbase as Efficient Chemiluminescence Booster. 2019 , 9, 14519		7
308	The effects of polycyclic aromatic hydrocarbon compounds on antioxidant enzyme activities in <i>Mytilus galloprovincialis</i> Lamarck, 1819 from Istanbul Strait. 2019 , 149, 110662		1
307	Intracellular free radical scavenging activity and protective role of mammalian cells by antioxidant peptide from thioredoxin disulfide reductase of <i>Arthrospira platensis</i> . 2019 , 61, 103513		17
306	Synergistic antioxidant activity of size controllable chitosan-templated Prussian blue nanoparticle. 2019 , 14, 2567-2578		10
305	Hydroxyl radical scavenging of the compatible solute ectoine generates two N-acetimides. 2019 , 674, 108097		18
304	On the potential harmful effects of E-Cigarettes (EC) on the developing brain: The relationship between vaping-induced oxidative stress and adolescent/young adults social maladjustment. 2019 , 76, 202-209		35
303	Sensitive monitoring and bioimaging intracellular highly reactive oxygen species based on gold nanoclusters@nanoscale metal-organic frameworks. 2019 , 1092, 108-116		17
302	<i>Sambucus nigra</i> Berries and Flowers Health Benefits: From Lab Testing to Human Consumption. 2019 , 2261-2295		1
301	Recent Advances on Reactive Oxygen Species-Responsive Delivery and Diagnosis System. 2019 , 20, 2441-2463	107	
300	Adsorptive Removal of Iron Using SiO Nanoparticles Extracted from Rice Husk Ash. 2019 , 2019, 6210240		9
299	Synthesis and Biological Assessment of Pyrrolobenzoxazine Scaffold as a Potent Antioxidant. 2019 , 62, 6315-6329		14
298	LC-ESI-MS/MS Phenolic Profile of (<i>L.</i>) Cass. Extracts and Evaluation of Their Antioxidant, Antiacetylcholinesterase, Antidiabetic, and Antibacterial Activities. 2019 , 2019, 9814537		6

297	MnO microspheres as an oxidase mimic for rapid detection of glutathione.. 2019 , 9, 16509-16514	20
296	A Structural Perspective on the Regulation of Human Single-Stranded DNA Binding Protein 1 (hSSB1, OBFC2B) Function in DNA Repair. 2019 , 17, 441-446	5
295	Selective and sensitive detection of L-Cysteine via fluorometric assay using gold nanoparticles and Rhodamine B in aqueous medium. 2019 , 234, 158-167	6
294	The Protection Potential of Antioxidant Vitamins Against Acute Respiratory Distress Syndrome: a Rat Trial. 2019 , 42, 1585-1594	24
293	Copper uptake, tissue partitioning and biotransformation evidence by XANES in cowpea (<i>Vigna unguiculata</i> L) grown in soil amended with nano-sized copper particles. 2019 , 12, 100231	13
292	Stem Cells Have More Than Five Senses. 2019 , 289-304	
291	Evaluation of antioxidant defense markers in relation to hormonal and insulin parameters in women with polycystic ovary syndrome (PCOS): A case-control study. 2019 , 13, 1957-1961	13
290	Valorization of olive mill wastewater for the development of biobased polymer films with antioxidant properties using eco-friendly processes. 2019 , 21, 3065-3073	18
289	Strategies for Image-Guided Therapy, Surgery, and Drug Delivery Using Photoacoustic Imaging. 2019 , 9, 1550-1571	77
288	Phenylsulfonyl piperazine bridged [1,3]dioxolo[4,5-g]chromenones as promising antiproliferative and antioxidant agents. 2019 , 87, 23-30	4
287	Stimulus-Responsive Anti-Oxidizing Drug Crystals and their Ecological Implication. 2019 , 15, e1900765	6
286	Carcinogenic Metabolic Activation Process of Naphthalene by the Cytochrome P450 Enzyme 1B1: A Computational Study. 2019 , 32, 603-612	7
285	Characterization of an interesting selenium-dependent glutathione peroxidase (Se-GPx) protecting cells against environmental stress: The <i>Camelus dromedarius</i> erythrocytes Se-GPx. 2019 , 18, 101000	5
284	Promoting Angiogenesis in Oxidative Diabetic Wound Microenvironment Using a Nanozyme-Reinforced Self-Protecting Hydrogel. 2019 , 5, 477-485	79
283	Purification and biochemical characterization of a novel copper, zinc superoxide dismutase from liver of camel (<i>Camelus dromedarius</i>): An antioxidant enzyme with unique properties. 2019 , 86, 428-436	12
282	8: The adverse effects of heat stress on the antioxidant status and performance of pigs and poultry and reducing these effects with nutritional tools. 2019 , 187-208	4
281	Nitroxidized-Albumin Advanced Glycation End Product and Rheumatoid Arthritis. 2019 , 34, 461-475	5
280	Synthesis and Characterization of 3-Hydroxy-2-(5'-Hydroxypentyl)-4H-Pyran-4-one and Study of Its Complexation with Iron(III). 2019 , 64, 1836-1840	2

279	In Vitro Antioxidant Properties of Dichloromethanolic Leaf Extract of (Fresen) as a Promising Antiobesity Drug. 2019 , 24, 2515690X19883258	5
278	Antioxidants and Periodontal Diseases. 2019 ,	2
277	Composition and Potential Health Benefits of Pomegranate: A Review. 2019 , 25, 1817-1827	34
276	Impact of post-thaw supplementation of semen extender with antioxidants on the quality and function variables of stallion spermatozoa. 2019 , 201, 71-83	11
275	Oxidant and antioxidant levels and DNA damage in tuberous sclerosis. 2019 , 41, 245-249	1
274	Down syndrome: Neurobiological alterations and therapeutic targets. 2019 , 98, 234-255	39
273	Radioprotective Role of Peroxiredoxin 6. 2019 , 8,	27
272	Impact of Oxidative Lesions on the Human Telomeric G-Quadruplex. 2019 , 141, 2594-2603	35
271	A Cross-Sectional Study of Endogenous Antioxidants and Patterns of Dental Visits of Periodontitis Patients. 2019 , 16,	4
270	Molecular pharmacology of inflammation: Medicinal plants as anti-inflammatory agents. 2019 , 139, 126-140	97
269	Additive effect of walnut and chokeberry on regulation of antioxidant enzyme gene expression and attenuation of lipid peroxidation in d-galactose-induced aging-mouse model. 2019 , 70, 60-69	9
268	Evaluation of antioxidant and oxidant status of goats () naturally infected with. 2019 , 94, e36	6
267	Phytochemical profile and antioxidative properties of Plinia trunciflora fruits: A new source of nutraceuticals. 2020 , 307, 125515	31
266	Marine Bacteria versus Microalgae: Who Is the Best for Biotechnological Production of Bioactive Compounds with Antioxidant Properties and Other Biological Applications?. 2019 , 18,	29
265	Antibacterial and invitro antioxidant potential of Indian mangroves. 2020 , 23, 101491	2
264	Heavy metal exposure, oxidative stress and semen quality: Exploring associations and mediation effects in reproductive-aged men. 2020 , 244, 125498	33
263	MoOx quantum dots with peroxidase-like activity on microfluidic paper-based analytical device for rapid colorimetric detection of H ₂ O ₂ released from PC12 cells. 2020 , 305, 127512	26
262	Ultrasound-Targeted Microbubble Cavitation with Sodium Nitrite Synergistically Enhances Nitric Oxide Production and Microvascular Perfusion. 2020 , 46, 667-678	4

261	Oxidative state in the estrus cycle of the buffaloes: a preliminary study. 2020 , 52, 1331-1334	4
260	Iron and Cadmium Entry Into Renal Mitochondria: Physiological and Toxicological Implications. 2020 , 8, 848	11
259	Protective Effects and Molecular Signaling of n-3 Fatty Acids on Oxidative Stress and Inflammation in Retinal Diseases. 2020 , 9,	15
258	Differential responses of genes and enzymes associated with ROS protective responses in the sugarcane smut fungus. 2020 , 124, 1039-1051	4
257	Biological mechanisms of reactive oxygen species (ROS). 2020 , 19-35	0
256	Liquiritin protects PC12 cells from corticosterone-induced neurotoxicity via regulation of metabolic disorders, attenuation ERK1/2-NF- κ B pathway, activation Nrf2-Keap1 pathway, and inhibition mitochondrial apoptosis pathway. 2020 , 146, 111801	9
255	Radical scavenging activity and total phenolic content of seven tropical plants. 2020 , 462, 012043	1
254	Role of oxidative stress and vascular endothelial growth factor expression in pterygium pathogenesis and prevention of pterygium recurrence after surgical excision. 2020 , 40, 2593-2606	6
253	Antioxidant and Anti-Inflammatory Activities of Cytocompatible Extracts: A Comparison between Traditional and Soxhlet Extraction. 2020 , 9,	10
252	Alkylated Sesamol Derivatives as Potent Antioxidants. 2020 , 25,	4
251	Protective effects of apigenin, apigenin-8-sulfonate, and apigenin-3', 8-disulfonate on d-galactosamine-induced acute liver damage in mice. 2020 , 29, 1867-1873	1
250	PSCs Reveal PUFA-Provoked Mitochondrial Stress as a Central Node Potentiating RPE Degeneration in Bietti's Crystalline Dystrophy. 2020 , 28, 2642-2661	9
249	Integrating Ultra-Weak Photon Emission Analysis in Mitochondrial Research. <i>Frontiers in Physiology</i> , 2020 , 11, 717	4.6 4
248	Dietary Polyphenols in Cancer Chemoprevention: Implications in Pancreatic Cancer. 2020 , 9,	5
247	Antioxidants with two faces toward cancer. 2020 , 258, 118186	15
246	Skin photo-protection with phytochemicals against photo-oxidative stress, photo-carcinogenesis, signal transduction pathways and extracellular matrix remodeling-An overview. 2020 , 62, 101127	6
245	Antioxidant activity of Amaranthus species from the Amaranthaceae family [A review]. 2020 , 133, 111-117	14
244	Urinary phthalate metabolites are associated with biomarkers of DNA damage and lipid peroxidation in pregnant women - Tainan Birth Cohort Study (TBCS). 2020 , 188, 109863	4

243	A novel approach to nonsurgical sterilization; application of menadione-modified gonocyte-targeting M13 bacteriophage for germ cell ablation in utero. 2020 , 8, e00654	1
242	Antagonistic and antioxidant potencies of <i>Centrosema pubescens</i> benth extracts against nosocomial infection pathogens. 2020 , 29, 101776	1
241	Heavy metals exposure, lipid peroxidation and heart rate variability alteration: Association and mediation analyses in urban adults. 2020 , 205, 111149	3
240	Salinity Stress Enhances the Antioxidant Capacity of and Species Isolated From Saline Lake Environment. 2020 , 11, 561816	6
239	Heat stress as an innovative approach to enhance the antioxidant production in <i>Pseudoceanicola</i> and <i>Bacillus</i> isolates. 2020 , 10, 15076	4
238	The BACH1/Nrf2 Axis in Brain in Down Syndrome and Transition to Alzheimer Disease-Like Neuropathology and Dementia. 2020 , 9,	5
237	Relationship between Periodontitis and Glaucoma: A Cross-Sectional Study. 2020 , 2020, 1-7	
236	Regioselective synthesis and anticancer evaluation of HO-activable nucleosides. 2020 , 56, 6484-6487	6
235	The role of mitochondrial reactive oxygen species, NO and H S in ischaemia/reperfusion injury and cardioprotection. 2020 , 24, 6510-6522	39
234	Prenatal Hypoxia and Placental Oxidative Stress: Insights from Animal Models to Clinical Evidences. 2020 , 9,	10
233	Different Therapeutic Effects of CO and Diode Laser Irradiation on Tooth Movement-Related Pain. 2020 , 11, 481	1
232	Antioxidant Properties of Camphene-Based Thiosemicarbazones: Experimental and Theoretical Evaluation. 2020 , 25,	9
231	Cancer Cell Detection-Based on Released Hydrogen Peroxide Using a Non-Modified Closed Bipolar Electrochemical System. 2020 , 7, 3439-3444	2
230	Nitrogen and sulfur co-doped carbon nanodots in living EA.hy926 and A549 cells: oxidative stress effect and mitochondria targeting. 2020 , 55, 6093-6104	10
229	Towards a comprehensive theory of obesity and a healthy diet: The causal role of oxidative stress in food addiction and obesity. 2020 , 384, 112560	22
228	Supplementation of vitamin A to local chicken diets in tropical environment enhances seminal quality and blood testosterone concentration. 2020 , 52, 2101-2109	1
227	Identification and characterization of antioxidant and immune-stimulatory polysaccharides in flaxseed hull. 2020 , 315, 126266	20
226	Easy coordinate geometry indexes, \bar{q} and \bar{b} and HSA study for unsymmetrical Pd(II), Fe(II), Zn(II), Mn(II), Cu(II) and VO(IV) complexes of a tetradentate ligand: Synthesis, characterization, properties, and antioxidant activities. 2020 , 505, 119434	8

225	Optimization of Ultrasound-Assisted Extraction Condition for Phenolic Compounds, Antioxidant Activity, and Epigallocatechin Gallate in Lipid-Extracted Microalgae. 2020 , 25,	15
224	The addition of resveratrol in tris citric acid extender ameliorates post-thaw quality parameters, antioxidant enzymes levels, and fertilizing capability of buffalo (<i>Bubalus bubalis</i>) bull spermatozoa. 2020 , 152, 106-113	14
223	Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO cycle ergometer test. 2020 , 216, 120979	10
222	Preterm birth and neonatal acute kidney injury: implications on adolescent and adult outcomes. 2020 , 40, 1286-1295	13
221	Mitochondria-targeted drug delivery in cancers. 2020 , 1866, 165808	21
220	Interaction of thiamethoxam with DNA: Hazardous effect on biochemical and biological parameters of the exposed organism. 2020 , 254, 126875	9
219	Development of inorganic-organic hybrid nanostructured material for H ₂ O ₂ sensing application. 2020 , 7, 056201	
218	Preclinical Study Using ABT263 to Increase Enzalutamide Sensitivity to Suppress Prostate Cancer Progression Via Targeting BCL2/ROS/USP26 Axis Through Altering ARv7 Protein Degradation. 2020 , 12,	7
217	The role of the brain renin-angiotensin system (RAS) in mild traumatic brain injury (TBI). 2021 , 218, 107684	7
216	Anti-oxidation properties of 2-substituted furan derivatives: A mechanistic study. 2021 , 230, 117725	5
215	Exploration of bioactive prospects of a polysaccharide fraction from <i>Termitomyces heimii</i> against colorectal cancer and broad spectrum bacteria. 2021 , 25, 100255	2
214	Expression of estrogen receptor alpha in response to stress and estrogen antagonist tamoxifen in the shell gland of : involvement of anti-oxidant system and estrogen. 2021 , 24, 261-272	5
213	Molecular pharmacology of inflammation: Medicinal plants as antiinflammatory agents. 2021 , 21-63	1
212	Polymeric drug delivery systems for mitigating oxidative stress. 2021 , 525-540	
211	Miro1-mediated mitochondrial positioning supports subcellular redox status. 2021 , 38, 101818	4
210	2D phosphorene nanosheets, quantum dots, nanoribbons: synthesis and biomedical applications. 2021 , 9, 2768-2803	8
209	Comparison of Oxidant Stress Levels among Healthy, Chronic Periodontitis, and Ischemic Heart Disease Subjects with Presence or Absence of Chronic Periodontitis. 2021 , 12, 157-163	0
208	Inflammatory bowel disease: tri-directional relationship between microbiota, immune system and intestinal epithelium. 2021 , 47, 254-273	16

207	Antioxidant potential of family Cucurbitaceae with special emphasis on Cucurbita genus: A key to alleviate oxidative stress-mediated disorders. 2021 , 35, 3533-3557		0
206	Thiol-disulphide homoeostasis as a novel oxidative stress biomarker in lung tuberculosis patient. <i>International Journal of Clinical Practice</i> , 2021 , 75, e13998	2.9	1
205	A Pilot Study of Influence of Endurance Training on the Prooxidative and Antioxidant Status of Women after Breast Cancer. 2021 , 18,		1
204	Herbal Medicine in Uterine Fibroid.		0
203	Flexible and reusable carbon dot decorated natural microcline membrane: a futuristic probe for multiple heavy metal induced carcinogen detection. 2021 , 188, 134		6
202	Repeated Doses of Ketamine Affect the Infant Rat Urogenital System. 2021 , 15, 1157-1165		0
201	Antioxidant properties and phenolic profiling by UPLC-QTOF-MS of Ajwah, Safawy and Sukkari cultivars of date palm. 2021 , 25, 100909		3
200	Optimizing an Antioxidant TEMPO Copolymer for Reactive Oxygen Species Scavenging and Anti-Inflammatory Effects. 2021 , 32, 928-941		6
199	A cut above the rest: oxidative stress in chronic wounds and the potential role of polyphenols as therapeutics. 2021 ,		4
198	Deoxynivalenol downregulates NRF2-induced cytoprotective response in human hepatocellular carcinoma (HepG2) cells. 2021 , 193, 4-12		3
197	Hepatoprotective effects of oridonin against bisphenol A induced liver injury in rats via inhibiting the activity of xanthine oxidase. 2021 , 770, 145301		10
196	Oxidative Stress in Down and Williams-Beuren Syndromes: An Overview. 2021 , 26,		4
195	Antiproliferative and antioxidant potentials of bioactive edible vegetable fraction of Roxb. in cancer cell line. 2021 , 9, 3777-3805		9
194	The Use of Chinese Yang/Qi-Invigorating Tonic Botanical Drugs/Herbal Formulations in Ameliorating Chronic Kidney Disease by Enhancing Mitochondrial Function. 2021 , 12, 622498		1
193	Activation of the mitogen-activated protein kinase ERK1/2 signaling pathway suppresses the expression of ChREBP and β in HepG2 cells. 2021 , 11, 2008-2018		
192	Thymoquinone dose-dependently attenuates myocardial injury induced by isoproterenol in rats via integrated modulations of oxidative stress, inflammation, apoptosis, autophagy, and fibrosis. 2021 , 394, 1787-1801		3
191	Salivary metabolites associated with a 5-year tooth loss identified in a population-based setting. 2021 , 19, 161		2
190	Reactive oxygen species in exercise and insulin resistance: Working towards personalized antioxidant treatment. 2021 , 44, 102005		7

189	Effect of periodontal disease on oxidative stress markers in patients with atherosclerosis. 2021 , 1	1
188	The Mix-Factor β s involved in the regulation of the organism's redox systems in the late stages of ontogenesis and affects the lifespan of animals. 2021 , 24-36	0
187	Invited review: Thermal effects on oxidative stress in vertebrate ectotherms. 2022 , 263, 111082	1
186	Nanotherapeutic approaches to target mitochondria in cancer. 2021 , 281, 119773	3
185	Evaluation of a natural compound extracted from <i>Dolichandrone atrovirens</i> as a novel antioxidant agent using <i>Caenorhabditis elegans</i> . 2021 , 16, e0257702	1
184	Complementary liver and serum protein profile in wild boars infected by the giant liver fluke <i>Fascioloides magna</i> using tandem mass tags quantitative approach. 2021 , 247, 104332	2
183	Reactive oxygen species can be traced locally and systemically in apical periodontitis: A systematic review. 2021 , 129, 105167	4
182	Exercise adaptations and TGF- β levels in recreational cyclists. 2021 , 70, 102872	1
181	The association between serum adenosine deaminase levels and Graves' disease. 2021 , 10, 1227-1233	0
180	Effect of lycopene supplementation to bovine oocytes exposed to heat shock during in vitro maturation. 2021 , 173, 48-55	4
179	The possible oxidative stress and DNA damage induced in Diclofenac-exposed Non-target organisms in the aquatic environment: A systematic review. 2021 , 131, 108172	1
178	Oxidative stress and mTOR in Down syndrome brain: Link to Alzheimer's dysmetabolism, neuropathology, and possible therapies. 2022 , 75-96	
177	Synthesis, characterization, DFT study and antioxidant activity of (2-hydroxynaphthalen-1-yl) methyl 2-hydroxyphenyl amino phosphonic acid. 2022 , 1247, 131322	3
176	The Role of Reactive Nitrogen Species (RNS) in the Activation of Nuclear Factor Kappa B (NFkB) and Its Implications for Biological Systems: The Question of Balance. 2008 , 67-109	2
175	STAT Activation by Oxidative Stress. 1997 , 260-271	2
174	Intranigral Iron Infusion as a Model for Parkinson's Disease. 1994 , 175-212	2
173	The Liver. 1993 , 207-230	18
172	RETRACTED CHAPTER: Antioxidants, Therapeutic Options, and Regulation of the Immune Responses. 2020 , 631-665	1

171	Oxidative stress in subarachnoid haemorrhage: significance in acute brain injury and vasospasm. 2008 , 104, 33-41	158
170	Sambucus nigra Berries and Flowers Health Benefits: From Lab Testing to Human Consumption. 2018 , 1-35	1
169	Oxidative Stress and Exercise in Cardiopulmonary and Metabolic Disorders. 2014 , 3805-3830	1
168	Oxidative Stress in Fetal Alcohol Spectrum Disorders Insights for the Development of Antioxidant-Based Therapies. 2014 , 645-667	4
167	The Maintenance of Antioxidant Defenses during Inflammation. 1993 , 347-363	3
166	Biology of Oxidative Stress. 1997 , 5-38	3
165	Production of Reactive Oxygen Species and Its Implication in Human Diseases. 2015 , 3-15	6
164	The role of zinc in caspase activation and apoptotic cell death. 2001 , 129-144	11
163	Glutathione is an essential metabolite required for resistance to oxidative stress in the yeast <i>Saccharomyces cerevisiae</i> . 1996 , 29, 511	12
162	Amelioration of neurotoxicity induced by esfenvalerate: impact of <i>Cyperus rotundus</i> L. tuber extract. 2021 , 30, 1-10	4
161	The Generation of Free Radicals by Blood Platelets. 1995 , 209-225	5
160	Cigarette smoking as an inducer of oxidative stress in relation to disease pathogenesis. 2000 , 977-993	1
159	Regulation of interleukin 8 gene expression by oxidant stress.. 1993 , 268, 25568-25576	270
158	Effect of chronic oral supplementation with alpha-tocopherol on myocardial stunning in the dog. 1997 , 29, 457-62	3
157	Signaling of apoptotic lung injury by lipid hydroperoxides. 1998 , 44, 783-8	27
156	Design and evaluation of an imager for assessing wound inflammatory responses and bioburden in a pig model. 2019 , 25, 1-9	2
155	<i>Saccharomyces cerevisiae</i> exhibits a yAP-1-mediated adaptive response to malondialdehyde. 1997 , 179, 1096-101	69
154	Oxygen radical scavengers selectively inhibit interleukin 8 production in human whole blood. 1992 , 90, 2123-9	175

- 153 Antioxidant Strategies in Genetic Syndromes with High Neoplastic Risk in Infant Age. **2014**, 100, 590-599 2
- 152 Oxidative stress in zebrafish (*Danio rerio*) sperm. **2012**, 7, e39397 62
- 151 Effects of acute and chronic exercise on the osmotic stability of erythrocyte membrane of competitive swimmers. **2017**, 12, e0171318 10
- 150 Leukocyte Lipid Peroxidation, Superoxide Dismutase and Catalase Activities of Type 2 Diabetic Patients with Retinopathy. **2005**, 48, 35-38 3
- 149 The evaluation of oxidative stress in osteoarthritis. **2020**, 93, 12-22 40
- 148 Lesb pulmonar de reperfusb. **1999**, 25, 124-136 6
- 147 Photo-oxidative stress in coconut seedlings: early events to leaf scorching and seedling death. **2009**, 21, 223-232 7
- 146 Synthesis, Biological Evaluation and Molecular Docking Studies of Novel Di-hydropyridine Analogs as Potent Antioxidants. **2019**, 19, 2676-2686 4
- 145 Effects of a Dentifrice Containing Vitamin C on Periodontitis in the Rat Model. **2006**, 48, 201-207 2
- 144 Total antioxidant status as marker of oxidative stress in infants with intrauterine growth restriction. **2020**, 28, 145-152 3
- 143 Antioxidant, antimicrobial, and antiproliferative activity-based comparative study of peel and flesh polyphenols from. **2019**, 63, 14
- 142 EVALUATION OF ERYTHROCYTE Na⁺, K⁺ -ATPASE AND SUPEROXIDE DISMUTASE ACTIVITIES AND MALONDIALDEHYDE LEVEL ALTERATION IN COAL MINERS. **2004**, 1, 9
- 141 Aksaray Malaklıtban Kpeklerinde Ehrlichia Canis, Anaplasma Phagocytophilum, Borrelia Burgdorferi, Dirofilara immitis Enfeksiyonların Anlık Dağılımı Belirlenerek Hematolojik Bulguların Araştırılması. **2019**, 8, 38-43 2
- 140 D-galactose induced changes in enzymatic antioxidant status in rats of different ages. **2015**, 64, 61-70 33
- 139 The Expression of Antioxidant Genes and Cytotoxicity of Biosynthesized Cerium Oxide Nanoparticles Against Hepatic Carcinoma Cell Line. **2019**, 7, 16-20 18
- 138 Antioxidant Activity of *Talinum portulacifolium* (Forssk) Leaf Extracts. **2008**, 8, 329-338 3
- 137 Antioxidant Activity of Sulfated Polysaccharides Isolated from *Sargassum fulvellum*. **2007**, 12, 65-73 39
- 136 Potential Antioxidant Activities of Enzymatic Digests from Benthic Diatoms *Achnanthes longipes*, *Amphora coffeaeformis*, and *Navicula* sp. (Bacillariophyceae). **2008**, 13, 166-175 11

135	Antioxidant Activity of Solubilized Tetraselmis suecica and Chlorella ellipsoidea by Enzymatic Digests. 2009 , 14, 21-28	12
134	Induction of ischemic tolerance in rat liver via reduced nicotinamide adenine dinucleotide phosphate oxidase in Kupffer cells. 2007 , 13, 5071-8	5
133	Combination of carboplatin and intermittent normobaric hyperoxia synergistically suppresses benzo[a]pyrene-induced lung cancer. 2018 , 33, 541-551	7
132	Age-dependent effects of short-term exposure of T-2 toxin or deoxynivalenol on lipid peroxidation and glutathione redox system in broiler chickens. 2018 , 11, 611-624	2
131	Changes in Motility Characteristics of Goat Spermatozoa During Glycerol-Equilibration and the Relevance to Cryopreservation. 2007 , 3, 22-33	8
130	Coenzyme Q in Cancer Therapy. 2006 , 2, 290-298	2
129	Inhibition of Ethanol-Induced Gastric Mucosal Damage by Carvedilol in Male Wistar Albino Rats: Possible Biochemical Changes. 2009 , 5, 146-154	9
128	Antioxidant, Anti- α -Amylase and Antimicrobial Activities of Doum (Hyphaene thebaica) and Argun (Medemia argun) Fruit Parts. 2019 , 15, 953-961	2
127	Free Radical Scavenging Activity of Mussaenda glabra. 2006 , 6, 2251-2256	4
126	Soybean Plants Treated with Vesicular Arbuscular Mycorrhiza Fungi Exhibit Enhanced Plant Growth and Nutraceutically Important Metabolites. 2017 , 13, 1-11	3
125	Comparative Study of Antioxidant Activity from some Egyptian Plants and Phytochemical Composition. 2015 , 9, 146-159	1
124	In vitro Antioxidant Activities and Antimicrobial Efficacy of Asian Snakewood; Colubrina asiatica (L.) Brong.. 2015 , 9, 307-320	1
123	Study of Antioxidant Activity of Datura stramonium Linn.. 2014 , 8, 112-118	4
122	Antioxidant and antimicrobial properties of kaff maryam (Anastatica hierochuntica) and doum palm (Hyphaene thebaica). 2010 , 61, 67-75	35
121	Spinacia oleracea Modulates Radiation-Induced Biochemical Changes in Mice Testis. 2008 , 70, 320-6	6
120	Periodontitis, diabetes mellitus, and the lopsided redox balance: A unifying axis. 2013 , 17, 338-44	4
119	Reactive oxygen species in periodontitis. 2013 , 17, 411-6	80
118	Evaluation of oxidative stress in chronic periodontitis patients following systemic antioxidant supplementation: A clinical and biochemical study. 2017 , 8, 99-103	24

117	The effect of <i>Prosopis farcta</i> beans extract on blood biochemical parameters in streptozotocin-induced diabetic male rats. 2016 , 5, 116	7
116	Effect of nonsurgical periodontal therapy on plasma-reactive oxygen metabolite and gingival crevicular fluid resistin and serum resistin levels in obese and normal weight individuals with chronic periodontitis. 2018 , 22, 310-316	9
115	Oxidative stress and human health. 2012 , 03, 997-1019	200
114	Comparison of Antioxidant Properties of Water and Ethanol Extracts Obtained from Dried Boxthorn (<i>Lycium chinensis</i>) Fruit. 2012 , 03, 1307-1320	2
113	Preliminary Evaluation for Comparative Antioxidant Activity in the Water and Ethanol Extracts of Dried Citrus Fruit (<i>Citrus unshiu</i>) Peel Using Chemical and Biochemical <i>in Vitro</i> Assays. 2013 , 04, 177-188	12
112	<i>In Vitro</i> Antioxidant Properties of Phloretin—An Important Phytochemical. 2016 , 04, 85-94	4
111	Antioxidant Activity of Pomegranate Juice and Punicalagin. 2016 , 08, 235-246	14
110	Effect of dental restorative materials on total antioxidant capacity and calcium concentration of unstimulated saliva. 2017 , 9, e71-e77	5
109	Potential of Benthic Diatoms <i>Achnanthes longipes</i> , <i>Amphora coffeaeformis</i> and <i>Navicula</i> sp. (<i>Bacillariophyceae</i>) as Antioxidant Sources. 2009 , 24, 47-55	25
108	Potential Antioxidant Activities of Enzymatic Digests from Fresh Water Microalgae, <i>Pediastrum duplex</i> and <i>Dactylocopsis fascicularis</i> . 2009 , 24, 169-177	4
107	Paraoxonase and arylesterase activity in bladder cancer. 2017 , 43, 147-151	11
106	Effects of <i>Prosopis farcta</i> fruit Hydroalcoholic Extract on Serum Concentrations of Glucose and Lipids in Insulin Resistance Model of Rats. 2018 , 20,	1
105	Bioactive Compounds from : Extraction Optimization, Chemical Characterization, Antioxidant and AntiGlycation Activities. 2021 , 26,	4
104	Genetically Encoded Biosensors to Monitor Intracellular Reactive Oxygen and Nitrogen Species and Glutathione Redox Potential in Skeletal Muscle Cells. 2021 , 22,	0
103	Thiols to Treat AIDS. 2000 , 77-96	
102	Is Moderate Hyperhomocysteinemia Due to Folic Acid Depletion Rather than Insufficient Dietary Intake?. 2002 , 575-579	
101	A Role for Cerebrovascular Endothelium in Ischemia and Reperfusion. 2004 , 121-132	
100	Ginkgo biloba Extract EGb 761 Extends Life Span and Attenuates H ₂ O ₂ Levels in a <i>Caenorhabditis elegans</i> Model of Alzheimer's Disease. 2005 , 301-326	

- 99 Restorative Effect of Asparagus racemosus on Age Related Oxidative Damage in Heart Lysosome of Aged Rats. **2006**, 3, 48-54 4
- 98 Health Benefits of Phytochemicals for Older Adults. **2008**, 229-247
- 97 Health.Benefits.of.Phytochemicals.for.Older.Adults. **2008**, 247-266
- 96 Effects of diverse exercise Intensities on levels of MDA, SOD, GPx, and TNF- α in human plasma. **2009**, 18, 1-10
- 95 Oxidative Stress and the Antioxidative Capacity in Myocardial Infarction. **2010**, 389-403
- 94 Utility of Periodontal exploration in patients with Fibromyalgia. **2012**, 4, e40-2 0
- 93 Oxidative Stress in Cardiac Repair and Remodeling: Molecular Pathways and Therapeutic Strategies. **2013**, 413-425
- 92 Nutritional Factors, Oxidative Stress and Lung Transplantation. **2013**, 403-410
- 91 The Role of Protein Oxidative Modification in Periodontal Diseases. **2014**, 15-32
- 90 Pulmonary Fibrosis and Oxidative Stress. **2014**, 163-190
- 89 Urinary Excretion of Oxidative Damage in Carpet Weavers. **2014**, 06, 1680-1685
- 88 Atherosclerosis. **2014**, 133-210
- 87 Trace Elements and Free Radical Damages in Hemodialysis and Chronic Renal Failure Patients. **1994**, 148-162
- 86 Membrane phospholipids and adrenergic receptor function. **1995**, 217-222
- 85 Inflammation. **2014**, 15-99
- 84 Inflammation. **2014**, 29-114
- 83 Antioxidant Properties of Methanolic Extracts of Argemone mexicana. **2014**, 8, 167-177 3
- 82 Unified Mind/Body for a Healthy Aging Skin. **2015**, 1-10

- 81 Antioxidant Properties of Chinese Propolis in Ross Broilers Exposed to Heat Stress in Egypt. **2015**, 05, 197-209 1
- 80 Unified Mind/Body for a Healthy Aging Skin. **2017**, 2121-2129
- 79 A Study on the Effect of the Patterns of Cool Down Exercise following the Leisure Dance Training on the Muscular Damage Markers and Antioxidant Enzymes. **2017**, 35, 97-116
- 78 Ğuinal herni hastalarında ađ mđkapalđeknik mi daha fazla stres yaratđ?.
- 77 El papel de las especies reactivas de oxđeno y nitrđeno en algunas enfermedades neurodegenerativas. **2019**, 62, 6-19 0
- 76 In vitro Antioxidant, Antibacterial Activities and HPLC-TOF/MS Analysis of *Anvillea radiata* (Asteraceae) Extracts. **2019**, 15, 376-383 0
- 75 Effects of *Prosopis farcta* Root Extract in the Vascular Reactivity of Isolated Goat Coronary Artery. 1-19
- 74 Nanomaterials and Reactive Oxygen Species (ROS). **2020**, 361-387 0
- 73 Plati BalđXiphophorus maculatus Ğtther, 1866đda Glutatyon Redđtaz Geninin Biyoenformatiđ 159-167 1
- 72 The skin redoxome. **2021**, 6
- 71 RETRACTED CHAPTER: Antioxidant Therapeutic Defenses Toward Redox Biology and Oxidative Stress. **2020**, 557-629 1
- 70 Gingival wound healing in diabetes. **2020**, 69-77
- 69 Postoperative Complications Following Thoracic Surgery. **2020**, 315-333
- 68 RETRACTED CHAPTER: Sources of Oxidants and Function of ROS Inside the Macromolecule Cells. **2020**, 99-138 1
- 67 Effect of White Mulberry Extract on Performance, Anti-inflammatory and Serum Antioxidant Parameters in Diabetes-induced Rats with Streptozotocin. 1-1
- 66 Cellular Oxidative Stress, Aging, and the Local RAS. **2006**, 201-217
- 65 Oxygen and blood flow: players in the pathogenesis of glaucoma. *Molecular Vision*, **2008**, 14, 224-33 2.3 109
- 64 Increased levels of 8-hydroxydeoxyguanosine and malondialdehyde and its relationship with antioxidant enzymes in saliva of periodontitis patients. **2009**, 3, 100-6 38

63	The effect of ranibizumab versus photodynamic therapy on DNA damage in patients with exudative macular degeneration. <i>Molecular Vision</i> , 2009 , 15, 1194-9	2.3	6
62	In vitro antioxidant activities of the fractions of <i>Coccinia grandis</i> L. leaf extract. 2007 , 5, 61-73		57
61	The effect of vitamin C deficiency and chronic ultraviolet-B exposure on corneal ultrastructure: a preliminary investigation. <i>Molecular Vision</i> , 2011 , 17, 3107-15	2.3	12
60	Extracellular superoxide dismutase activity and plasma malondialdehyde in human immunodeficiency virus subjects of kano state as surrogate markers of CD4 status. <i>International Journal of Biomedical Science</i> , 2010 , 6, 294-300		8
59	Paraoxonase is reduced in patients with growth hormone deficiency: A novel risk factor for atherosclerosis. <i>Journal of Research in Medical Sciences</i> , 2013 , 18, 291-6	1.6	4
58	Effect of <i>Laurus nobilis</i> L. Essential Oil and its Main Components on α-glucosidase and Reactive Oxygen Species Scavenging Activity. <i>Iranian Journal of Pharmaceutical Research</i> , 2013 , 12, 367-79	1.1	32
57	The effect of L-carnitine treatment on levels of malondialdehyde and glutathione in patients with age related macular degeneration. <i>Eurasian Journal of Medicine</i> , 2008 , 40, 1-5	1.3	2
56	S-propranolol protected H9C2 cells from ischemia/reperfusion-induced apoptosis via downregulation of RACK1 Gene. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 10335-44	1.4	10
55	Level of Oxidative Stress Markers in Peri-Implant Crevicular Fluid and Their Correlation with Clinical Parameters. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015 , 12, 340-6		3
54	Reversal of oxidative stress-induced apoptosis in T and B lymphocytes by Coenzyme Q10 (CoQ10). <i>American Journal of Clinical and Experimental Immunology</i> , 2016 , 5, 41-7	1.2	3
53	Citrus Flavonoid Supplementation Improves Exercise Performance in Trained Athletes. <i>Journal of Sports Science and Medicine</i> , 2018 , 17, 24-30	2.7	9
52	Oxidant/Antioxidant Status, PON1 and ARES Activities, Trace Element Levels, and Histological Alterations in Sheep with Cystic Echinococcosis. <i>Iranian Journal of Parasitology</i> , 2018 , 13, 448-456	0.8	3
51	Molecular Mechanism of Astragaloside IV in Improving Endothelial Dysfunction of Cardiovascular Diseases Mediated by Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1481236	6.7	0
50	Biocompatible Nanomaterials as an Emerging Technology in Reproductive Health; a Focus on the Male. <i>Frontiers in Physiology</i> , 2021 , 12, 753686	4.6	1
49	Therapeutic promise of carotenoids as antioxidants and anti-inflammatory agents in neurodegenerative disorders.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 146, 112610	7.5	5
48	Mechanism of Neonatal Intestinal Injury Induced by Hyperoxia Therapy.. <i>Journal of Immunology Research</i> , 2022 , 2022, 2316368	4.5	
47	Citric Acid Administration Protects Against Insulin-Induced Hypoglycemic Brain and Liver Injury. <i>WSEAS Transactions on Biology and Biomedicine</i> , 2022 , 19, 31-40	1.4	
46	A comprehensive and current review on the role of flavonoids in lung cancer-Experimental and theoretical approaches.. <i>Phytomedicine</i> , 2022 , 98, 153938	6.5	2

45	Evaluation of antioxidant properties of new functionally substituted aryl carbamates. <i>AIP Conference Proceedings</i> , 2022 ,	0	0
44	Mechanisms of atmospheric pressure plasma protection of neuronal cells under simulated ischemic stroke conditions. <i>AIP Advances</i> , 2022 , 12, 025114	1.5	2
43	Investigating response to copper exposure using physiologic, Fourier Transform Infrared and metabolomic approaches.. <i>Functional Plant Biology</i> , 2022 , 49, 365-381	2.7	0
42	Free Cortisol Mediates Associations of Maternal Urinary Heavy Metals with Neonatal Anthropometric Measures: A Cross-Sectional Study.. <i>Toxics</i> , 2022 , 10,	4.7	0
41	In vitro antioxidant activities of five Ecbarboline alkaloids, molecular docking, and dynamic simulations. <i>Structural Chemistry</i> , 1	1.8	
40	Human organotypic brain model as a tool to study chemical-induced dopaminergic neuronal toxicity.. <i>Neurobiology of Disease</i> , 2022 , 105719	7.5	2
39	Dynamic hyaluronic acid hydrogel with covalent linked gelatin as an anti-oxidative bioink for cartilage tissue engineering.. <i>Biofabrication</i> , 2021 , 14,	10.5	8
38	Alkylverdazyls as a Source of Alkyl Radicals for Light-Triggered Cancer Cell Death. <i>Molecular Pharmaceutics</i> , 2021 ,	5.6	0
37	The Neurotoxic Effects of Cannabis on Brain: Review of Clinical and Experimental Data. 2022 , 2, 11-23		
36	Antioxidant, Anti-inflammatory and hepatoprotective activities of <i>Persicaria maculosa</i> (linn.) and its active principle i.e tannic acid against Carbon tetrachloride induced oxidative stress and hepatotoxicity in wistar rats. <i>IP International Journal of Forensic Medicine and Toxicological Sciences</i> , 2022 , 7, 17-26	1	
35	Renal hypoxia-HIF-PHD-EPO signaling in transition metal nephrotoxicity: friend or foe?. <i>Archives of Toxicology</i> , 2022 , 96, 1573	5.8	1
34	Protective Effect of Silymarin and Gallic Acid against Cisplatin-Induced Nephrotoxicity and Hepatotoxicity. <i>International Journal of Clinical Practice</i> , 2022 , 2022, 1-10	2.9	0
33	Comparison of three antioxidants in chemical and biological assays on porcine oocytes during ageing .. <i>Zygote</i> , 2022 , 1-10	1.6	2
32	Data_Sheet_1.docx. 2020 ,		
31	Antioxidant-related enzymes in myocardial zones and human pericardial fluid in relation to the cause of death. <i>International Journal of Legal Medicine</i> , 1997 , 110, 1-4	3.1	
30	LIGNIN VALORIZATION PROBLEMS. <i>Khimiya Rastitelmogo Syrriya</i> , 2022 , 11-33	0.5	1
29	Ultrasound-assisted extraction of <i>Cordyceps cicadae</i> polyphenols: Optimization, LC-MS characterization, antioxidant and DNA damage protection activity evaluation. <i>Arabian Journal of Chemistry</i> , 2022 , 103953	5.9	0
28	Protective effect of <i>Tulbaghia violacea</i> extract on cardiac damage: deep circulatory arrest rat model. <i>The European Research Journal</i> , 2022 , 8, 396-403	0	

27	Simulated microgravity promotes oxidative stress-induced apoptosis in ARPE-19 cells associated with Nrf2 signaling pathway. <i>Acta Astronautica</i> , 2022 ,	2.9	
26	Efficacy of oral and topical antioxidants in the prevention and management of oral mucositis in head and neck cancer patients: a systematic review and meta-analyses. <i>Supportive Care in Cancer</i> ,	3.9	0
25	Antioxidant activities of ethanolic extract and lyoniresinol from bark of <i>Zelkova serrata</i> . <i>Journal of Wood Chemistry and Technology</i> , 1-9	2	1
24	Sepsis Pathogenesis, Diagnosis and Treatment. Oxidative Stress in Sepsis and Sepsis Inflammation Relation. <i>Experimental Models in Sepsis. Erciyes Üniversitesi Veteriner Fakültesi Dergisi</i> ,		
23	Collocation of Malondialdehyde and Superoxide Dismutase Levels in Chronic Periodontitis and Pruning them Post-scaling and Root Planing Coupled with Vitamin E Supplementation. <i>World Journal of Dentistry</i> , 2022 , 13, 503-507	0.2	
22	Superoxide-like Cu/GO single-atom catalysts nanozyme with high specificity and activity for removing superoxide free radicals.		1
21	Effect of diet on molecular relationships between Atlantic cod larval muscle growth dynamics, metabolism, and antioxidant defense system. 9,		
20	Potassium iodide enhances the anti-hepatocellular carcinoma effect of copper-cysteamine nanoparticle mediated photodynamic therapy on cancer treatment. 2022 , 27, 100838		1
19	Plant polyphenols as potent antioxidants: Highlighting the mechanism of antioxidant activity and synthesis/development of some polyphenol conjugates. 2022 , 243-266		1
18	Structure-antiradical activity relationships of 25 natural antioxidant phenolic compounds from different classes. 2022 , 8, e10467		1
17	Antioxidant and anti-inflammatory effects of silymarin. 2022 , 65, 221-230		0
16	Defined metal atom aggregates precisely incorporated into metal-organic frameworks.		0
15	The Impact of Oxidative Stress on Pediatrics Syndromes. 2022 , 11, 1983		3
14	Importance of Oxidative Stress Mechanism in Reproductive Functions and Infertility.		0
13	Recent advances in health benefits and bioavailability of dietary astaxanthin and its isomers. 2023 , 404, 134605		1
12	IL-17D affects the chemokines and chemokine receptors of intestinal epithelial cells under hyperoxia. 2022 , 113, 109386		0
11	Polystyrene microplastics enhanced copper-induced acute immunotoxicity in red swamp crayfish (<i>Procambarus clarkii</i>). 2023 , 249, 114432		0
10	Synthesis, characterization, molecular docking and network pharmacology of bioactive metallic sulfonamide-isatin ligands against promising drug targets. 2023 , 1277, 134780		0

- 9 Size-Controllable Prussian Blue Nanoparticles Using Pluronic Series for Improved Antioxidant Activity and Anti-Inflammatory Efficacy. **2022**, 11, 2392 ○
- 8 In Vitro and In Vivo Studies on the Efficacy of Zinc-Oxide and Selenium Nanoparticle in Cryopreserved Goat (*Capra hircus*) Spermatozoa. ○
- 7 Magnesium Supplementation Alleviates the Toxic Effects of Silica Nanoparticles on the Kidneys, Liver, and Adrenal Glands in Rats. **2023**, 11, 381 ○
- 6 ROS-activated MAPK/ERK pathway regulates crosstalk between Nrf2 and Hif-1 α to promote IL-17D expression protecting the intestinal epithelial barrier under hyperoxia. **2023**, 116, 109763 ○
- 5 Novel 2-Thiouracil-5-Sulfonamide Derivatives: Design, Synthesis, Molecular Docking, and Biological Evaluation as Antioxidants with 15-LOX Inhibition. **2023**, 28, 1925 ○
- 4 A mechanistic study of gold nanoparticles catalysis of O₂ reduction by ascorbate and hydroethidine, investigating reactive oxygen species reactivity. **2023**, 13, 8557-8563 ○
- 3 Oxygen for the Newborn: Friend or Foe?. **2023**, 10, 579 ○
- 2 Improving the Treatment Effect of Carotenoids on Alzheimer's Disease through Various Nano-Delivery Systems. **2023**, 24, 7652 ○
- 1 Astaxanthin inhibits integrin β expression by suppressing activation of JAK1/STAT3 in *Helicobacter pylori*-stimulated gastric epithelial cells. **2023**, 27, ○