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1761	Regulatory role for a novel human thioredoxin peroxidase in NF-kappaB activation. 1997 , 272, 30952-61		345
1760	Oltipraz stimulates the transcription of the manganese superoxide dismutase gene in rat hepatocytes. 1997 , 18, 2113-7		31
1759	ECarotene: Friend or Foe?. 1997 , 40, 163-174		
1758	Programmed cell death in neurons: focus on the pathway of nerve growth factor deprivation-induced death of sympathetic neurons. 1997 , 51, 897-906		188
1757	Oxidative stress and preeclampsia. 1997 , 9, 73-101		15
1756	Enteral vitamin E supplementation inhibits the cytokine response to endotoxin. 1997 , 132, 1337-41		28
1755	Free Radical Activity of Industrial Fibers: Role of Iron in Oxidative Stress and Activation of Transcription Factors. 1997 , 105, 1313		20
1754	Transcriptional activation of the Glut1 gene in response to oxidative stress in L6 myotubes. 1997 , 272, 33367-72		44
1753	Thioredoxin messenger ribonucleic acid is regulated by estradiol in the rat uterus. 1997 , 57, 1056-9		20
1752	Monochloramine inhibits phorbol ester-inducible neutrophil respiratory burst activation and T cell interleukin-2 receptor expression by inhibiting inducible protein kinase C activity. 1997 , 272, 26247-52		20
1751	Ataxia-telangiectasia and the Nijmegen breakage syndrome: related disorders but genes apart. 1997 , 31, 635-62		415

1750	Blockade of T-cell activation by dithiocarbamates involves novel mechanisms of inhibition of nuclear factor of activated T cells. 1997 , 17, 6437-47	56
1749	Lacidipine inhibits the activation of the transcription factor NF-kappaB and the expression of adhesion molecules induced by pro-oxidant signals on endothelial cells. 1997 , 15, 1633-40	48
1748	Two Distinct Sources of Elicited Reactive Oxygen Species in Tobacco Epidermal Cells. 1997 , 9, 1559	104
1747	Oxidative stress and thiol depletion in plasma and peripheral blood lymphocytes from HIV-infected patients: toxicological and pathological implications. 1997 , 11, 1689-97	51
1746	Protein hydroperoxides as new reactive oxygen species. 1997 , 3, 99-110	101
1745	Role of oxidative stress in the action of vanadium phosphotyrosine phosphatase inhibitors. Redox independent activation of NF-kappaB. 1997 , 272, 11541-9	114
1744	Can skin cancer in humans be prevented by alleviation of oxidative stress?. 1997 , 3, 77-83	4
1743	NF-B as a Frequent Target for Immunosuppressive and Anti-Inflammatory Molecules**This article was accepted for publication on 27 September 1996.. 1997 , 111-137	457
1742	Physical activity as a natural antioxidant booster and its effect on a healthy life span. 1997 , 68, 292-302	22
1741	p53, Cip1, and Gadd153 Expression Following Treatment of A549 Cells with Natural and Man-Made Vitreous Fibers. 1997 , 105, 1143	1
1740	Antioxidant defense: vitamins E and C and carotenoids. 1997 , 46 Suppl 2, S14-8	127
1739	Activation of parietal cell by mercaptomethylimidazole: a novel inducer of gastric acid secretion. 1997 , 54, 241-8	18
1738	Response of cardiac antioxidant system to alcohol and exercise training in the rat. 1997 , 14, 301-7	55
1737	Dietary fat, genes, and human health. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 422, 167-76 3.6	25
1736	Regulation of cytochromes P450 during inflammation and infection. 1997 , 29, 1129-88	409
1735	Glutathione regulation of tumor necrosis factor-alpha-induced NF-kappa B activation in skeletal muscle-derived L6 cells. 1997 , 237, 645-9	108
1734	Microvilli elongate in response to hydrogen peroxide and to perturbations of intracellular calcium. 1997 , 236, 86-93	8
1733	Regulation of 3,3',4,4'-tetrachlorobiphenyl induced cytochrome P450 metabolism by thiols in tissues of rainbow trout. 1997 , 117, 299-309	7

1732	Cellular stress and apoptosis. 1997 , 11, 573-8	12
1731	Induction of nuclear factor kappaB and activation protein 1 in postischemic myocardium. 1997 , 401, 30-4	129
1730	Modulation of the DNA binding activity of transcription factors CREP, NFkappaB and HSF by H2O2 and TNF alpha. Differences between in vivo and in vitro effects. 1997 , 416, 381-6	33
1729	A RIPE3b1-like factor binds to a novel site in the human insulin promoter in a redox-dependent manner. 1997 , 418, 68-72	12
1728	ALTERNATIVE OXIDASE: From Gene to Function. 1997 , 48, 703-734	630
1727	Cytokines and the liver. 1997 , 27, 1120-32	149
1726	Two Distinct Sources of Elicited Reactive Oxygen Species in Tobacco Epidermal Cells. 1997 , 9, 1559-1572	374
1725	Interrelationships between astrocyte function, oxidative stress and antioxidant status within the central nervous system. 1997 , 52, 261-81	140
1724	Comparative studies of enhanced iron-mediated production of hydroxyl radical by glutathione, cysteine, ascorbic acid, and selected catechols. 1997 , 1336, 295-302	79
1723	Role of Mitochondria in Human Aging. 1997 , 4, 319-326	
1722	Free radical activity of industrial fibers: role of iron in oxidative stress and activation of transcription factors. 1997 , 105 Suppl 5, 1313-7	57
1721	p53, Cip1, and Gadd153 expression following treatment of A549 cells with natural and man-made vitreous fibers. 1997 , 105 Suppl 5, 1143-5	18
1720	The role of reactive oxygen and nitrogen species in the response of airway epithelium to particulates. 1997 , 105 Suppl 5, 1301-7	65
1719	Protection against glutamate-induced cytotoxicity in C6 glial cells by thiol antioxidants. 1997 , 273, R1771-8	45
1718	An essential role for free radicals and derived species in signal transduction. <i>FASEB Journal</i> , 1997 , 11, 118-124	0.9 779
1717	Reactive oxygen species and calcium homeostasis in cultured human intestinal smooth muscle cells. 1997 , 272, G1439-50	11
1716	Augmented adenovirus-mediated gene transfer to atherosclerotic vessels. 1997 , 17, 1786-92	43
1715	Luminol-enhanced chemiluminescent response of human melanocytes and melanoma cells to hydrogen peroxide stress. 1997 , 10, 184-9	42

1714	Neuroprotection by the metabolic antioxidant alpha-lipoic acid. 1997 , 22, 359-78	524
1713	Regulation of cellular thiols in human lymphocytes by alpha-lipoic acid: a flow cytometric analysis. 1997 , 22, 1241-57	94
1712	A molecular injury-response model for the understanding of chronic disease. 1997 , 3, 331-4	13
1711	Lipoic acid increases de novo synthesis of cellular glutathione by improving cystine utilization. 1997 , 6, 321-38	271
1710	Polyphenols in chocolate, which have antioxidant activity, modulate immune functions in humans in vitro. 1997 , 177, 129-36	180
1709	Selective inhibition of I kappaB alpha phosphorylation and HIV-1 LTR-directed gene expression by novel antioxidant compounds. 1997 , 234, 277-90	50
1708	Role of exogenous glutathione in teleost fish and its effects on antioxidant defense responses in rainbow trout exposed to 3,3',4,4'-tetrachlorobiphenyl. 1997 , 16, 449-457	4
1707	[Selenoproteins in bone, gastrointestinal tract and thyroid gland of the human]. 1997 , 92 Suppl 3, 24-6	0
1706	Role of Mitochondria in Human Aging. 1997 , 4, 319-326	35
1705	Regulation of gene expression in the nervous system by reactive oxygen and nitrogen species. 1997 , 12, 97-112	13
1704	Oxidized lipoproteins found in patients with NIDDM stimulate radical-induced monocyte chemoattractant protein-1 mRNA expression in cultured human endothelial cells. 1997 , 40, 662-70	43
1703	Exercise and oxidative stress: Sources of free radicals and their impact on antioxidant systems. 1997 , 20, 91-106	62
1702	Nutritional biochemistry of cellular glutathione. 1997 , 8, 660-672	161
1701	Vitamin E, oxidative stress and 'healthy ageing'. 1997 , 27, 822-4	5
1700	Ataxia-telangiectasia: is ATM a sensor of oxidative damage and stress?. 1997 , 19, 911-7	129
1699	Reduced intracellular oxidative metabolism promotes firm adhesion of human polymorphonuclear leukocytes to vascular endothelium under flow conditions. 1997 , 27, 1942-51	17
1698	Quantitation of protein-bound 3-nitrotyrosine and 3,4-dihydroxyphenylalanine by high-performance liquid chromatography with electrochemical array detection. 1997 , 251, 187-95	83
1697	Targets of oxidative stress in cardiovascular system. <i>Molecular and Cellular Biochemistry</i> , 1998 , 187, 1-104.2	62

1696	Induction of c-fos, and cytochrome c oxidase subunits I and II by gossypol acetic acid in rat liver cells. 1998 , 14, 391-9	7
1695	alpha-Tocopherol in atherogenesis: do we know its real role?. 1998 , 12, 421-3	2
1694	Skeletal muscle and liver lipoyllysine content in response to exercise, training and dietary alpha-lipoic acid supplementation. 1998 , 46, 297-306	5
1693	Embryonic lethality and liver degeneration in mice lacking the metal-responsive transcriptional activator MTF-1. 1998 , 17, 2846-54	205
1692	Ionization-reactivity relationships for cysteine thiols in polypeptides. 1998 , 37, 8965-72	293
1691	Inhibition of NF-kappa B transcriptional activity by alpha-tocopheryl succinate. 1998 , 7, 21-30	54
1690	Can antioxidant supplementation slow the aging process?. 1998 , 7, 93-101	21
1689	Redox regulation of cell functions by alpha-lipoate: biochemical and molecular aspects. 1998 , 7, 263-7	22
1688	Redox regulation of cell functions by alpha-lipoate: biochemical and molecular aspects. 1998 , 8, 17-21	33
1687	Mechanisms of mallory body formation induced by okadaic acid in drug-primed mice. 1998 , 65, 87-103	28
1686	Suppression of fibroblast cell cycle progression in G1 phase by N-acetylcysteine. 1998 , 149, 210-6	62
1685	Tumor Necrosis Factor and Alcoholic Liver Disease. 1998 , 22, 248S-252S	75
1684	Role of reactive oxygen species in the signalling cascade of cyclosporine A-mediated up-regulation of eNOS in vascular endothelial cells. 1998 , 124, 447-54	101
1683	Changes in gene expression during the growth arrest of HepG2 hepatoma cells induced by reducing agents or TGFbeta1. 1998 , 16, 2935-43	14
1682	Oxidative stress and aging. Role of exercise and its influences on antioxidant systems. 1998 , 854, 102-17	125
1681	Oxidative damage and mutation to mitochondrial DNA and age-dependent decline of mitochondrial respiratory function. 1998 , 854, 155-70	210
1680	In vivo protection by melatonin against delta-aminolevulinic acid-induced oxidative damage and its antioxidant effect on the activity of haem enzymes. 1998 , 24, 1-8	45
1679	Inhibition of NF-kappaB-dependent transcription of human immunodeficiency virus 1 promoter by a phosphodiester compound of vitamin C and vitamin E, EPC-K1. 1998 , 39, 31-8	23

1678	Inhibition of gastric mucosal prostaglandin synthetase activity by mercaptomethylimidazole, an inducer of gastric acid secretion--plausible involvement of endogenous H ₂ O ₂ . 1998 , 56, 905-13	5
1677	Protective effects of anethole dithiolethione against oxidative stress-induced cytotoxicity in human Jurkat T cells. 1998 , 56, 61-9	27
1676	Restoration of the glucocorticoid receptor function by the phosphodiester compound of vitamins C and E, EPC-K1 (L-ascorbic acid 2-[3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-yl hydrogen phosphate] potassium salt), via a redox-dependent mechanism. 1998 , 56, 79-86	48
1675	Glucocorticoids may alter antioxidant enzyme capacity in the brain: kainic acid studies. 1998 , 791, 215-22	78
1674	Paracetamol increases sensitivity to ultraviolet (UV) irradiation, delays repair of the UNG-gene and recovery of RNA synthesis in HaCaT cells. 1998 , 110, 123-36	3
1673	Cell proliferation induced by 8-oxoguanosine and 8-methylguanosine, two adducts produced by free radical attack on ribonucleosides and RNA. 1998 , 116, 61-77	2
1672	Differential regulation of human alveolar macrophage-derived interleukin-1beta and tumor necrosis factor-alpha by iron. 1998 , 132, 497-506	37
1671	Effects of ischemia on prostaglandin H synthase-2 expression in piglet choroid plexus. 1998 , 56, 77-87	6
1670	Effects of anoxic stress on prostaglandin H synthase isoforms in piglet brain. 1998 , 107, 265-76	23
1669	Cloning, expression and reconstitution of the trypanothione-dependent peroxidase system of <i>Crithidia fasciculata</i> . 1998 , 96, 111-23	50
1668	Identification and characterisation of a functional peroxidoxin from <i>Leishmania major</i> . 1998 , 96, 125-37	98
1667	Transcriptional activation of the alternative oxidase gene of the fungus <i>Magnaporthe grisea</i> by a respiratory-inhibiting fungicide and hydrogen peroxide. 1998 , 1442, 161-9	82
1666	Oxidant-mediated activation of mitogen-activated protein kinases and nuclear transcription factors in the cardiovascular system: a brief overview. 1998 , 10, 675-83	97
1665	Keratinocyte superoxide generation. 1998 , 24, 401-7	42
1664	Different mechanisms of thioredoxin in its reduced and oxidized forms in defense against hydrogen peroxide in <i>Escherichia coli</i> . 1998 , 24, 556-62	49
1663	Antioxidant regulation of phorbol ester-induced adhesion of human Jurkat T-cells to endothelial cells. 1998 , 25, 229-41	57
1662	Redox signals and NF-kappaB activation in T cells. 1998 , 25, 346-61	185
1661	Potentials and limitations of the natural antioxidants RRR-alpha-tocopherol, L-ascorbic acid and beta-carotene in cutaneous photoprotection. 1998 , 25, 848-73	337

1660	Oxygen tension regulates heme oxygenase-1 gene expression in mammalian cell lines. 1998 , 16, 183-93	24
1659	Interaction of exercise training and chronic ethanol ingestion on testicular antioxidant system in rat. 1998 , 18, 421-9	41
1658	780 nm low power diode laser irradiation stimulates proliferation of keratinocyte cultures: involvement of reactive oxygen species. 1998 , 22, 212-8	207
1657	Thiol redox modulation of tumor necrosis factor-alpha responsiveness in cultured AIDS-related Kaposi's sarcoma cells. 1998 , 68, 339-54	3
1656	Increase of reactive oxygen species (ROS) in endothelial cells by shear flow and involvement of ROS in shear-induced c-fos expression. 1998 , 175, 156-62	154
1655	The role of reactive oxygen species in atherosclerosis. 1998 , 87, 851-64	33
1654	Chemokine expression in Helicobacter pylori-infected gastric mucosa. 1998 , 33, 613-7	50
1653	Oxidative stress and superoxide dismutase in development, aging and gene regulation. 1998 , 21, 47-76	49
1652	Benzothiadiazole, an inducer of plant defenses, inhibits catalase and ascorbate peroxidase. 1998 , 47, 651-657	100
1651	Design and synthesis of analogs of vitamin E: antiproliferative activity against human breast adenocarcinoma cells. 1998 , 8, 2433-8	25
1650	Redox regulation of renal DNA synthesis, transforming growth factor-beta1 and collagen gene expression. 1998 , 53, 367-81	84
1649	CsA and FK506 up-regulate eNOS expression: role of reactive oxygen species and AP-1. 1998 , 68, S20-4	38
1648	Low CD3+CD28-induced interleukin-2 production correlates with decreased reactive oxygen intermediate formation in neonatal T cells. 1998 , 94, 167-72	11
1647	Molecular genetics and Fanconi anaemia: new insights into old problems. 1998 , 103, 287-96	15
1646	Hydroxyl radical scavengers inhibit TNF-alpha production in mononuclear cells but not in polymorphonuclear leukocytes. 1998 , 20, 709-22	15
1645	Radiation-sensitive tyrosine phosphorylation of cellular proteins: sensitive to changes in GSH content induced by pretreatment with N-acetyl-L-cysteine or L-buthionine-S,R-sulfoximine. 1998 , 42, 833-8	18
1644	Comparison of upstream regions of X- and Y-chromosomal amelogenin genes. 1998 , 216, 131-7	17
1643	β-Carotene and cancer chemoprevention: From epidemiological associations to cellular mechanisms of action. 1998 , 18, 1807-1824	30

1642	Inhibition of macrophage migration inhibitory factor secretion from macrophages by vitamin E. 1998 , 1404, 427-34	14
1641	Upregulation of amyloid precursor protein gene promoter in rat primary hippocampal neurons by phorbol ester, IL-1 and retinoic acid, but not by reactive oxygen species. 1998 , 60, 40-9	49
1640	Pixel-based image analysis of HSP70, GADD45 and MAP2 mRNA expression after focal cerebral ischemia: hemodynamic and histological correlates. 1998 , 63, 79-97	28
1639	Congenital disorders sharing oxidative stress and cancer proneness as phenotypic hallmarks: prospects for joint research in pharmacology. 1998 , 51, 253-66	26
1638	The keys of oxidative stress in acquired immune deficiency syndrome apoptosis. 1998 , 51, 169-73	38
1637	Nitric oxide deficiency, leukocyte activation, and resultant ischemia are crucial to the pathogenesis of diabetic retinopathy/neuropathy--preventive potential of antioxidants, essential fatty acids, chromium, ginkgolides, and pentoxifylline. 1998 , 50, 435-49	30
1636	Redox potential controls the structure and DNA binding activity of the paired domain. 1998 , 273, 25062-72	86
1635	Oxidative stress leads to a rapid alteration of transferrin receptor intravesicular trafficking. 1998 , 241, 102-16	47
1634	Apoptosis in human primary brain tumours: actions of arachidonic acid. 1998 , 58, 193-200	42
1633	Direct sensing of heat and oxidation by Drosophila heat shock transcription factor. 1998 , 2, 101-8	156
1632	Characterization of nuclear protein binding (AP-1, GR, and STAT) in the genetically obese (fa/fa) Zucker rat. 1998 , 63, 1339-46	4
1631	Overexpression of thioredoxin in Fanconi anemia fibroblasts prevents the cytotoxic and DNA damaging effect of mitomycin C and diepoxybutane. 1998 , 422, 99-102	53
1630	Potential of nitric oxide synthase expression by superoxide in interleukin 1 beta-stimulated rat mesangial cells. 1998 , 435, 35-8	42
1629	Aging- and smoking-associated alteration in the relative content of mitochondrial DNA in human lung. 1998 , 441, 292-6	124
1628	Serotonin derivative, N-(p-coumaroyl) serotonin, inhibits the production of TNF-alpha, IL-1alpha, IL-1beta, and IL-6 by endotoxin-stimulated human blood monocytes. 1998 , 18, 423-8	57
1627	MECHANISMS OF HEPATIC INJURY IN ALCOHOLIC LIVER DISEASE. 1998 , 2, 703-721	12
1626	Nutrient antioxidants in gastrointestinal diseases. 1998 , 27, 403-19	37
1625	Ubiquinol. 1998 , 293-314	5

1624	Apoptosis in human primary brain tumours. 1998 , 12, 539-46	8
1623	Differential chemoprotection against acetaminophen-induced hepatotoxicity by latentiated L-cysteines. 1998 , 11, 1274-82	28
1622	Induction and control of chromoplast-specific carotenoid genes by oxidative stress. 1998 , 273, 30651-9	158
1621	Derivatives of gallic acid induce apoptosis in tumoral cell lines and inhibit lymphocyte proliferation. 1998 , 350, 49-54	148
1620	Skin cancer chemopreventive effects of a flavonoid antioxidant silymarin are mediated via impairment of receptor tyrosine kinase signaling and perturbation in cell cycle progression. 1998 , 247, 294-301	83
1619	A positively charged alpha-lipoic acid analogue with increased cellular uptake and more potent immunomodulatory activity. 1998 , 247, 223-8	24
1618	Mode of cell injury and death after hydrogen peroxide exposure in cultured oligodendroglia cells. 1998 , 244, 218-29	109
1617	Pathways for transcriptional activation of a glutathione-dependent formaldehyde dehydrogenase gene. 1998 , 280, 775-84	33
1616	Enhancement of allergic inflammation by the interaction between diesel exhaust particles and the immune system. 1998 , 102, 539-54	347
1615	Redox signaling and the emerging therapeutic potential of thiol antioxidants. 1998 , 55, 1747-58	307
1614	alpha-Lipoic acid: a metabolic antioxidant which regulates NF-kappa B signal transduction and protects against oxidative injury. 1998 , 30, 245-75	186
1613	Expression of extracellular SOD and iNOS in macrophages and smooth muscle cells in human and rabbit atherosclerotic lesions: colocalization with epitopes characteristic of oxidized LDL and peroxynitrite-modified proteins. 1998 , 18, 157-67	219
1612	Vitamin C protects human arterial smooth muscle cells against atherogenic lipoproteins: effects of antioxidant vitamins C and E on oxidized LDL-induced adaptive increases in cystine transport and glutathione. 1998 , 18, 1662-70	49
1611	Oxidative metabolism in skeletal muscle. 1998 , 29-42	8
1610	Induction of rat aortic smooth muscle cell growth by the lipid peroxidation product 4-hydroxy-2-nonenal. 1998 , 97, 1071-8	138
1609	Induction of acute translational response genes by homocysteine. Elongation factors-1alpha, -beta, and -delta. 1998 , 273, 19840-6	22
1608	Identification of differentially expressed genes in aflatoxin B1-treated cultured primary rat hepatocytes and Fischer 344 rats. 1998 , 19, 1451-8	20
1607	Oxidative stress activates the human histidine decarboxylase promoter in AGS gastric cancer cells. 1998 , 273, 23046-54	54

1606	Cytokine-mediated induction of ceramide production is redox-sensitive. Implications to proinflammatory cytokine-mediated apoptosis in demyelinating diseases. 1998 , 273, 20354-62	166
1605	Upregulation of postbacteremic TNF-alpha and IL-1alpha gene expression by alveolar hypoxia/reoxygenation in perfused rat lungs. 1998 , 157, 629-37	24
1604	Secretion of extracellular factor(s) induced by X-irradiation activates the HIV type 1 long terminal repeat through its kappaB motif. 1998 , 14, 353-65	1
1603	Newly discovered redox cofactors: possible nutritional, medical, and pharmacological relevance to higher animals. 1998 , 18, 145-77	50
1602	Role of transcription factors in inflammatory lung diseases. 1998 , 53, 601-12	317
1601	A relationship between 5-lipoxygenase-activating protein and bcl-xL expression in murine pro-B lymphocytic FL5.12 cells. 1998 , 273, 28163-9	35
1600	Activator protein-1 is the preferred transcription factor for cooperative interaction with nuclear factor-kappaB in respiratory syncytial virus-induced interleukin-8 gene expression in airway epithelium. 1998 , 177, 1275-81	119
1599	Cytokines in inflammatory diseases: role and therapeutic targets in acute respiratory distress syndrome. 1998 , 2, 1-16	6
1598	Central role of Ferrous/Ferric iron in the ultraviolet B irradiation-mediated signaling pathway leading to increased interstitial collagenase (matrix-degrading metalloprotease (MMP)-1) and stromelysin-1 (MMP-3) mRNA levels in cultured human dermal fibroblasts. 1998 , 273, 5279-87	177
1597	Chronic blockade of NO synthase activity induces a proinflammatory phenotype in the arterial wall: prevention by angiotensin II antagonism. 1998 , 18, 1408-16	102
1596	DNA sequences of amelogenin genes provide clues to regulation of expression. 1998 , 106 Suppl 1, 292-8	7
1595	Gelatinase B/lacZ transgenic mice, a model for mapping gelatinase B expression during developmental and injury-related tissue remodeling. 1998 , 273, 25903-14	78
1594	Down-regulation of cytochrome P450 1A1 gene promoter by oxidative stress. Critical contribution of nuclear factor 1. 1998 , 273, 26969-76	157
1593	Suppression of mouse skin tumor promotion and induction of apoptosis in HL-60 cells by <i>Alpinia oxyphylla</i> Miquel (Zingiberaceae). 1998 , 19, 1377-81	47
1592	Dyslipidemia, iron, and oxidative stress in preeclampsia: assessment of maternal and feto-placental interactions. 1998 , 16, 75-92	78
1591	Ozonotherapy as a Possible Biological Response Modifier in Cancer. 1998 , 5, 54-60	9
1590	The glutathione redox couple modulates zinc transfer from metallothionein to zinc-depleted sorbitol dehydrogenase. 1998 , 95, 3483-8	268
1589	Peroxisome proliferator-activated receptor alpha activation modulates cellular redox status, represses nuclear factor-kappaB signaling, and reduces inflammatory cytokine production in aging. 1998 , 273, 32833-41	425

1588	Identification of redox-sensitive cysteines in GA-binding protein-alpha that regulate DNA binding and heterodimerization. 1998 , 273, 6203-9		33
1587	Ischaemia and reperfusion injury of rat liver increases expression of glutathione S-transferase A1/A2 in zone 3 of the hepatic lobule. <i>Biochemical Journal</i> , 1998 , 330 (Pt 1), 73-9	3.8	11
1586	Regulation of serum amyloid A protein expression during the acute-phase response. <i>Biochemical Journal</i> , 1998 , 334 (Pt 3), 489-503	3.8	306
1585	The free radical theory of aging matures. 1998 , 78, 547-81		2976
1584	Skeletal muscle myocytes undergo protein loss and reactive oxygen-mediated NF- κ B activation in response to tumor necrosis factor α . <i>FASEB Journal</i> , 1998 , 12, 871-880	0.9	292
1583	Stable expression of manganese superoxide dismutase (MnSOD) in insulinoma cells prevents IL-1 β -induced cytotoxicity and reduces nitric oxide production. 1998 , 101, 1811-20		121
1582	Oxidized LDL promotes vascular endothelial cell pinocytosis via a prooxidation mechanism. <i>FASEB Journal</i> , 1998 , 12, 823-30	0.9	22
1581	Skeletal muscle myocytes undergo protein loss and reactive oxygen-mediated NF-kappaB activation in response to tumor necrosis factor alpha. <i>FASEB Journal</i> , 1998 , 12, 871-80	0.9	372
1580	Effect of tumor necrosis factor-alpha and interleukin-1 alpha on heme oxygenase-1 expression in human endothelial cells. 1998 , 274, H883-91		78
1579	O ₂ -induced ENaC expression is associated with NF-kappaB activation and blocked by superoxide scavenger. 1998 , 275, L764-70		33
1578	The role of reactive oxygen and nitrogen species in airway epithelial gene expression. 1998 , 106 Suppl 5, 1197-203		19
1577	Prevention of PC12 cell death by N-acetylcysteine requires activation of the Ras pathway. 1998 , 18, 4042-9		153
1576	Lipoic Acid: Cell Regulatory Function and Potential Therapeutic Implications. 1999 , 111-119		2
1575	Melatonin inhibits expression of the inducible NO synthase II in liver and lung and prevents endotoxemia in lipopolysaccharide-induced multiple organ dysfunction syndrome in rats. <i>FASEB Journal</i> , 1999 , 13, 1537-1546	0.9	230
1574	Redox regulation of c-Jun DNA binding by reversible S-glutathiolation. <i>FASEB Journal</i> , 1999 , 13, 1481-90.	0.9	251
1573	Alpha-lipoic acid supplementation: tissue glutathione homeostasis at rest and after exercise. 1999 , 86, 1191-6		64
1572	Is NF- κ B the sensor of oxidative stress?. <i>FASEB Journal</i> , 1999 , 13, 1137-1143	0.9	729
1571	Effects of aqueous extracts of PM(10) filters from the Utah valley on human airway epithelial cells. 1999 , 277, L960-7		86

1570	Supplementation of N-acetylcysteine inhibits NF κ B activation and protects against alloxan-induced diabetes in CD-1 mice. <i>FASEB Journal</i> , 1999 , 13, 1845-1854	0.9	114
1569	Serotonin 5-HT _{2A} receptor induces TGF-beta1 expression in mesangial cells via ERK: proliferative and fibrotic signals. 1999 , 276, F922-30		59
1568	Effects of lisofylline on hyperoxia-induced lung injury. 1999 , 276, L776-85		16
1567	Inhaled nitric oxide protects against hyperoxia-induced apoptosis in rat lungs. 1999 , 277, L596-605		36
1566	Cytokine-induced glucose uptake in skeletal muscle: redox regulation and the role of alpha-lipoic acid. 1999 , 276, R1327-33		19
1565	Modulation of expression of endothelial nitric oxide synthase by nordihydroguaiaretic acid, a phenolic antioxidant in cultured endothelial cells. 1999 , 56, 116-23		52
1564	Ischemic cell death in brain neurons. 1999 , 79, 1431-568		2415
1563	Quercetin inhibits inducible ICAM-1 expression in human endothelial cells through the JNK pathway. 1999 , 277, C403-11		142
1562	Future of Interventions in Diabetic Nephropathy: Antioxidants. 1999 , 19, 228-233		3
1561	Nuclear Factor- κ B-Dependent Induction of Interleukin-8 Gene Expression by Tumor Necrosis Factor α : Evidence for an Antioxidant Sensitive Activating Pathway Distinct From Nuclear Translocation. 1999 , 94, 1878-1889		196
1560	Redox reactions related to indoleamine 2,3-dioxygenase and tryptophan metabolism along the kynurenine pathway. 1999 , 4, 199-220		163
1559	Blood glutathione homeostasis as a determinant of resting and exercise-induced oxidative stress in young men. 1999 , 4, 53-9		63
1558	Flow cytometric determination of cellular thiols. 1999 , 299, 247-58		7
1557	Derangement of Kupffer cell functioning and hepatotoxicity in hyperthyroid rats subjected to acute iron overload. 1999 , 4, 243-50		11
1556	Oxidant stress regulation of IL-8 and ICAM-1 gene expression: differential activation and binding of the transcription factors AP-1 and NF-kappaB (Review). 1999 , 4, 223-30		227
1555	Cytokines in alcoholic liver disease. 1999 , 19, 205-19		345
1554	Reactive oxygen and nitrogen intermediates increase transforming growth factor-beta1 release from human epithelial alveolar cells through two different mechanisms. 1999 , 21, 128-36		116
1553	Effect of antioxidants on androgen-induced AP-1 and NF-kappaB DNA-binding activity in prostate carcinoma cells. 1999 , 91, 1227-32		87

1552	Vanadate-induced activation of activator protein-1: role of reactive oxygen species. 1999 , 20, 663-8	88
1551	Estrogen and tamoxifen metabolites protect smooth muscle cell membrane phospholipids against peroxidation and inhibit cell growth. 1999 , 84, 229-39	86
1550	Thioredoxin activation of iron regulatory proteins. Redox regulation of RNA binding after exposure to nitric oxide. 1999 , 274, 516-21	44
1549	Distinct roles of thioredoxin in the cytoplasm and in the nucleus. A two-step mechanism of redox regulation of transcription factor NF-kappaB. 1999 , 274, 27891-7	464
1548	Role of glutathione and reactive oxygen intermediates in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced immune suppression in C57Bl/6 mice. 1999 , 52, 50-60	9
1547	Redox control of exofacial protein thiols/disulfides by protein disulfide isomerase. 1999 , 274, 2416-23	150
1546	Regulation of metallothionein gene transcription. Identification of upstream regulatory elements and transcription factors responsible for cell-specific expression of the metallothionein genes from <i>Caenorhabditis elegans</i> . 1999 , 274, 29655-65	72
1545	Hypertension-induced end-organ damage : A new transgenic approach to an old problem. 1999 , 33, 212-8	186
1544	Molecular mechanism of the regulation of glutathione synthesis by tumor necrosis factor-alpha and dexamethasone in human alveolar epithelial cells. 1999 , 274, 5088-96	111
1543	The inhibition of NF-kappaB activation pathways and the induction of apoptosis by dithiocarbamates in T cells are blocked by the glutathione precursor N-acetyl-L-cysteine. 1999 , 380, 1383-94	22
1542	Platelet-derived growth factor stimulates heme oxygenase-1 gene expression and carbon monoxide production in vascular smooth muscle cells. 1999 , 19, 2666-72	61
1541	Treatment with glutathione precursor decreases cytokine activity. 1999 , 23, 1-6	76
1540	Nitric oxide inhibits c-Jun DNA binding by specifically targeted S-glutathionylation. 1999 , 274, 15857-64	121
1539	The Broad Spectrum of Responses to Oxidants in Proliferating Cells: A New Paradigm for Oxidative Stress. 1999 , 48, 41-47	301
1538	Androgen-induced oxidative stress in human LNCaP prostate cancer cells is associated with multiple mitochondrial modifications. 1999 , 1, 71-81	31
1537	Bifunctional anti/prooxidant potential of metallothionein: redox signaling of copper binding and release. 1999 , 1, 349-64	31
1536	Liver immunity and glutathione. 1999 , 1, 245-53	6
1535	The actin cytoskeleton reorganization induced by Rac1 requires the production of superoxide. 1999 , 1, 29-43	72

1534	Enzymology and Molecular Biology of Carbonyl Metabolism 7. <i>Advances in Experimental Medicine and Biology</i> , 1999 ,	3.6
1533	Stable overexpression of manganese superoxide dismutase in mitochondria identifies hydrogen peroxide as a major oxidant in the AP-1-mediated induction of matrix-degrading metalloprotease-1. 1999 , 274, 25869-76	171
1532	The baculovirus antiapoptotic p35 gene also functions via an oxidant-dependent pathway. 1999 , 96, 4838-43	49
1531	High expression of human 15-lipoxygenase induces NF-kappaB-mediated expression of vascular cell adhesion molecule 1, intercellular adhesion molecule 1, and T-cell adhesion on human endothelial cells. 1999 , 1, 83-96	19
1530	Environmental factors as regulators and effectors of multistep carcinogenesis. 1999 , 20, 519-27	79
1529	Oxidative stress as a regulator of gene expression in the vasculature. 1999 , 85, 753-66	677
1528	Cardiac fibrosis and inflammation: interaction with hemodynamic and hormonal factors. 1999 , 41, 532-43	167
1527	Intracellular reactive oxygen species mediate the linkage of Na ⁺ /K ⁺ -ATPase to hypertrophy and its marker genes in cardiac myocytes. 1999 , 274, 19323-8	244
1526	Effect of oxidative DNA damage in promoter elements on transcription factor binding. 1999 , 27, 3213-8	128
1525	Redox-dependent regulation of nuclear import of the glucocorticoid receptor. 1999 , 274, 10363-71	136
1524	Cytokines, growth factors, and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde, and LPS. 1999 , 134, 197-207	44
1523	Ethanol metabolism is not required for inhibition of LPS-stimulated transcription of inducible nitric oxide synthase. 1999 , 17, 203-13	14
1522	Dose and time dependent effects of ethanol on antioxidant system in rat testes. 1999 , 18, 203-14	24
1521	Dynamics of reactive oxygen intermediate production in human glioma: n-6 essential fatty acid effects. 1999 , 29, 220-31	15
1520	Endothelial cell responses to hypoxic stress. 1999 , 26, 74-84	262
1519	Regulation of macrophage inflammatory protein-2 gene expression by oxidative stress in rat alveolar macrophages. 1999 , 97, 309-15	52
1518	Hypothesis: is renal allograft rejection initiated by the response to injury sustained during the transplant process?. 1999 , 55, 2157-68	119
1517	Regulation of cytochrome P4501A metabolism by glutathione. 1999 , 84, 201-10	4

1516	An antioxidant, probucol, induces anti-angiogenesis and apoptosis in athymic nude mouse xenografted human head and neck squamous carcinoma cells. 1999 , 90, 1224-30		18
1515	The p66shc adaptor protein controls oxidative stress response and life span in mammals. 1999 , 402, 309-13		1449
1514	Characterization of cytochrome P450 and glutathione S-transferase activity and expression in male and female ob/ob mice. 1999 , 23, 48-53		32
1513	The ATM protein is required for sustained activation of NF-kappaB following DNA damage. 1999 , 18, 2261-71		143
1512	Role of redox potential and reactive oxygen species in stress signaling. 1999 , 18, 6104-11		578
1511	Tamoxifen induces oxidative stress and apoptosis in oestrogen receptor-negative human cancer cell lines. 1999 , 79, 257-63		111
1510	Age-associated alterations in splenic iNOS regulation: influence of constitutively expressed IFN-gamma and correction following supplementation with PPARalpha activators or vitamin E. 1999 , 195, 127-36		42
1509	Production of reactive oxygen intermediates by human macrophages exposed to soot particles and asbestos fibers and increase in NF-kappa B p50/p105 mRNA. 1999 , 177, 343-54		17
1508	Lipoic acid protects against oxidative stress induced impairment in insulin stimulation of protein kinase B and glucose transport in 3T3-L1 adipocytes. 1999 , 42, 949-57		129
1507	The role of hydroxyl radical as a messenger in the activation of nuclear transcription factor NF-kappaB. <i>Molecular and Cellular Biochemistry</i> , 1999 , 194, 63-70	4.2	67
1506	Glutathione homeostasis in response to exercise training and nutritional supplements. 1999 , 196, 31-42		84
1505	Antioxidant properties of aspirin: characterization of the ability of aspirin to inhibit silica-induced lipid peroxidation, DNA damage, NF-kappaB activation, and TNF-alpha production. <i>Molecular and Cellular Biochemistry</i> , 1999 , 199, 93-102	4.2	103
1504	Smoking, antioxidant vitamins, and the risk of hip fracture. 1999 , 14, 129-35		171
1503	The broad spectrum of responses to oxidants in proliferating cells: a new paradigm for oxidative stress. 1999 , 48, 41-7		330
1502	Redox signalling in the chloroplast: structure of oxidized pea fructose-1,6-bisphosphate phosphatase. 1999 , 18, 6809-15		109
1501	Redox regulation of interleukin-8 expression in MKN28 cells. 1999 , 44, 266-73		37
1500	Effect of vitamin E on production of macrophage migration inhibitory factor (MIF) by macrophages. 1999 , 10, 139-43		6
1499	Superoxide production by dinitrophenyl-derivatized thioredoxin reductase--a model for the mechanism and correlation to immunostimulation by dinitrohalobenzenes. 1999 , 10, 219-26		26

1498	Invitro culturedSpodoptera frugiperda insect cells: Model for oxidative stress-induced apoptosis. 1999 , 24, 13-19	21
1497	Increased contents of phospholipids, cholesterol, and lipid peroxides in decidua basalis in women with preeclampsia. 1999 , 180, 587-92	112
1496	Effects of the wine polyphenolics quercetin and resveratrol on pro-inflammatory cytokine expression in RAW 264.7 macrophages. 1999 , 57, 941-9	262
1495	Systematic expression of immediate early genes and intensive astrocyte activation induced by intrastriatal ferrous iron injection. 1999 , 828, 145-53	14
1494	Induction of type 1 programmed cell death in U937 cells by the antioxidant, butylated hydroxy-toluene or the free radical spin trap, NTBN. 1999 , 23, 665-73	8
1493	Differential alteration by thalidomide of the glutathione content of rat vs. rabbit conceptuses in vitro. 1999 , 13, 547-54	42
1492	Changes in glutathione status and the antioxidant system in blood and in cancer cells associate with tumour growth in vivo. 1999 , 26, 410-8	155
1491	Reactivity of biologically important thiol compounds with superoxide and hydrogen peroxide. 1999 , 27, 322-8	614
1490	Biologic and pharmacologic regulation of mammalian glutathione synthesis. 1999 , 27, 922-35	884
1489	IL-1beta mediates diethyldithiocarbamate-induced granulocyte colony-stimulating factor production and hematopoiesis. 1999 , 27, 210-6	8
1488	Ginkgo biloba inhibits hydrogen peroxide-induced activation of nuclear factor kappa B in vascular endothelial cells. 1999 , 33, 369-75	26
1487	The molecular pathogenesis of endotoxic shock and organ failure. 1999 , 5, 123-32	270
1486	A qualitative process system for modeling NF-kappaB and AP-1 gene regulation in immune cell biology research. 1999 , 17, 303-21	11
1485	Aged garlic extract attenuates intracellular oxidative stress. 1999 , 6, 125-31	61
1484	Anti-tumor promoting potential of naturally occurring diarylheptanoids structurally related to curcumin. 1999 , 428, 49-57	45
1483	Molecular mechanisms of chemopreventive effects of selected dietary and medicinal phenolic substances. 1999 , 428, 305-27	445
1482	Homocysteine decreases endothelin-1 production by cultured human endothelial cells. 1999 , 263, 367-76	27
1481	Antioxidants, NFkappaB activation, and diabetogenesis. 1999 , 222, 205-13	133

1480	Oxidative stress in the pathogenesis of preeclampsia. 1999 , 222, 222-35	517
1479	Tumor necrosis factor increases mitochondrial oxidant production and induces expression of uncoupling protein-2 in the regenerating mice [correction of rat] liver. 1999 , 29, 677-87	141
1478	Differential role of ethanol and acetaldehyde in the induction of oxidative stress in HEP G2 cells: effect on transcription factors AP-1 and NF-kappaB. 1999 , 30, 1473-80	73
1477	Ascorbic acid-dehydroascorbate induces cell cycle arrest at G2/M DNA damage checkpoint during oxidative stress. 1999 , 33, 144-52	39
1476	Pyrrolidine dithiocarbamate protects mice from lethal shock induced by LPS or TNF-alpha. 1999 , 29, 1890-900	65
1475	Redox-sensitive protein phosphatase activity regulates the phosphorylation state of p38 protein kinase in primary astrocyte culture. 1999 , 55, 724-32	86
1474	Differential expression of peroxiredoxin subtypes in human brain cell types. 1999 , 56, 206-212	82
1473	Differential expression of peroxiredoxin subtypes in human brain cell types. 1999 , 56, 206-212	83
1472	Induction of drug metabolizing enzymes by 1,7-phenanthroline and oltipraz in mice is unrelated to Ah-responsiveness. 1999 , 13, 77-82	7
1471	Roles of reactive oxygen species: signaling and regulation of cellular functions. 1999 , 188, 203-55	123
1470	Methods to assess free radicals and oxidative stress in biological systems. 1999 , 52, 203-22	27
1469	Antioxidant-like properties of zinc in activated endothelial cells. 1999 , 18, 152-8	121
1468	Phospholipase D activation in endothelial cells is redox sensitive. 1999 , 1, 193-210	43
1467	S-allylcysteine attenuates oxidative stress in endothelial cells. 1999 , 25, 619-24	41
1466	The expression of adhesion molecules on endothelial cells is inhibited by troglitazone through its antioxidant activity. 1999 , 7, 223-31	46
1465	Free radicals and reactive oxygen species in programmed cell death. 1999 , 52, 451-63	45
1464	Is the biological antioxidant system integrated and regulated?. 1999 , 53, 397-401	34
1463	Regulation of thioredoxin mRNA in the rat uterus by gonadal steroids. 1999 , 68, 203-9	12

1462	Calcium-dependent PAF-stimulated generation of reactive oxygen species in a human keratinocyte cell line. 1999 , 1438, 349-58	18
1461	Oxidative stress induced in pathologies: the role of antioxidants. 1999 , 53, 169-80	259
1460	Mitochondrial impact on nerve growth factor production in vascular smooth muscle-derived cells. 1999 , 1473, 305-20	
1459	Antihypertensive drug therapy and antioxidant enzyme mRNA levels in spontaneously hypertensive (SHR) rats. 1999 , 122, 119-26	12
1458	Gamma-glutamyl transpeptidase gene organization and expression: a comparative analysis in rat, mouse, pig and human species. 1999 , 122, 367-80	65
1457	Involvement of reactive oxygen species in TNF-alpha mediated activation of the transcription factor NF-kappaB in canine dermal fibroblasts. 1999 , 71, 125-42	12
1456	Role for NF-kappa B in mediating the effects of hyperoxia on IGF-binding protein 2 promoter activity in lung alveolar epithelial cells. 1999 , 1448, 349-62	35
1455	Antioxidant and eicosanoid enzyme inhibition properties of pomegranate seed oil and fermented juice flavonoids. 1999 , 66, 11-7	303
1454	Intracellular antioxidants: from chemical to biochemical mechanisms. 1999 , 37, 949-62	450
1453	CYP2E1-mediated oxidative stress induces collagen type I expression in rat hepatic stellate cells. 1999 , 30, 987-96	158
1452	The Na ⁺ /H ⁺ exchanger modulates the fibrogenic effect of oxidative stress in rat hepatic stellate cells. 1999 , 30, 868-75	61
1451	Redox regulation of the rat hepatocyte iNOS promoter. 1999 , 126, 450-455	10
1450	NF-kappaB activation in acute pancreatitis: protective, detrimental, or inconsequential?. 1999 , 116, 489-92	23
1449	Determination of oxidized and reduced lipoic acid using high-performance liquid chromatography and coulometric detection. 1999 , 299, 239-46	41
1448	Nuclear factor kappa B activity in response to oxidants and antioxidants. 1999 , 300, 363-74	46
1447	From cytoprotection to tumor suppression: the multifactorial role of peroxiredoxins. 1999 , 1, 385-402	119
1446	Intracellular oxidation/reduction status in the regulation of transcription factors NF-kappaB and AP-1. 1999 , 106, 93-106	234
1445	Vascular smooth muscle proliferation: synergistic interaction between serotonin and low density lipoproteins. 1999 , 34, 1644-51	28

1444	Triglyceride-rich lipoproteins: are links with atherosclerosis mediated by a procoagulant and proinflammatory phenotype?. 1999 , 145, 1-15			29
1443	Effect of vitamin E on human aortic endothelial cell production of chemokines and adhesion to monocytes. 1999 , 147, 297-307			120
1442	Oxidative stress disrupts insulin-induced cellular redistribution of insulin receptor substrate-1 and phosphatidylinositol 3-kinase in 3T3-L1 adipocytes. A putative cellular mechanism for impaired protein kinase B activation and GLUT4 translocation. 1999 , 274, 10595-602			229
1441	Hydrogen peroxide-induced apoptosis in HL-60 cells requires caspase-3 activation. 1999 , 30, 73-83			132
1440	Crystallographic characterization of a stress-induced multifunctional protein, rat HBP-23. 1999 , 126, 80-3			7
1439	Reduction of lipid peroxidation with intraoperative superoxide dismutase treatment decreases intimal hyperplasia in experimental vein grafts. 1999 , 84, 223-32			26
1438	Phenyl-N-tert-butyl nitron demonstrates broad-spectrum inhibition of apoptosis-associated gene expression in endotoxin-treated rats. 1999 , 365, 71-4			19
1437	Oxidative stress and upregulation of mitochondrial biogenesis genes in mitochondrial DNA-depleted HeLa cells. 1999 , 258, 44-9			133
1436	Lens-specific regulation of the thioredoxin-1 gene, but not thioredoxin-2, upon in vivo photochemical oxidative stress in the Emory mouse. 1999 , 265, 345-9			26
1435	The involvement of oxidative stress in the progression of renal injury. 1999 , 17, 58-65			106
1434	Repression of gene expression by oxidative stress. <i>Biochemical Journal</i> , 1999 , 342, 481	3.8		147
1433	Hypochlorous acid causes caspase activation and apoptosis or growth arrest in human endothelial cells. <i>Biochemical Journal</i> , 1999 , 344, 443-449	3.8		85
1432	Hypochlorous acid causes caspase activation and apoptosis or growth arrest in human endothelial cells. <i>Biochemical Journal</i> , 1999 , 344, 443	3.8		35
1431	Chapter 14 Induction of Epithelial Sodium Channel (ENaC) Expression and Sodium Transport in Distal Lung Epithelia by Oxygen. 1999 , 47, 239-254			4
1430	Antioxidant regulation of gene expression: analysis of differentially expressed mRNAs. 1999 , 300, 402-10			4
1429	Repression of gene expression by oxidative stress. <i>Biochemical Journal</i> , 1999 , 342, 481-496	3.8		366
1428	Effects of dietary antioxidants on the immune function of middle-aged adults. 1999 , 58, 79-84			88
1427	Serotonin derivative, N-(p-Coumaroyl)serotonin, isolated from safflower (<i>Carthamus tinctorius</i> L.) oil cake augments the proliferation of normal human and mouse fibroblasts in synergy with basic fibroblast growth factor (bFGF) or epidermal growth factor (EGF). 1999 , 125, 910-5			36

1426	Effects of carotenoids on human immune function. 1999 , 58, 713-8		89
1425	Adenovirus-mediated gene transfer is augmented in basilar and carotid arteries of heritable hyperlipidemic rabbits. 1999 , 30, 120-5		14
1424	Pathophysiology of the oxidative stress and its implication in uremia and dialysis. 1999 , 127, 1-31		37
1423	Chemoprotective Effects of Resveratrol Against Hydrogen Peroxide-induced Oxidative Damage. 2000 , 230-234		
1422	Reduced expression of manganese superoxide dismutase mRNA may correlate with invasiveness in esophageal carcinoma. 2000 , 59, 223-8		16
1421	5-Hydroxytryptamine _{1A} receptor/Gi β stimulates mitogen-activated protein kinase via NAD(P)H oxidase and reactive oxygen species upstream of Src in Chinese hamster ovary fibroblasts. <i>Biochemical Journal</i> , 2000 , 347, 61	3.8	24
1420	The repression of nuclear factor I/CCAAT transcription factor (NFI/CTF) transactivating domain by oxidative stress is mediated by a critical cysteine (Cys-427). <i>Biochemical Journal</i> , 2000 , 348, 235	3.8	6
1419	Increase of mitochondria and mitochondrial DNA in response to oxidative stress in human cells. <i>Biochemical Journal</i> , 2000 , 348, 425	3.8	122
1418	Regulation of Nramp1 mRNA stability by oxidants and protein kinase C in RAW264.7 macrophages expressing Nramp1Gly169. <i>Biochemical Journal</i> , 2000 , 351, 687	3.8	7
1417	5-Hydroxytryptamine _{1A} receptor/Gi β stimulates mitogen-activated protein kinase via NAD(P)H oxidase and reactive oxygen species upstream of Src in Chinese hamster ovary fibroblasts. <i>Biochemical Journal</i> , 2000 , 347, 61-67	3.8	60
1416	The repression of nuclear factor I/CCAAT transcription factor (NFI/CTF) transactivating domain by oxidative stress is mediated by a critical cysteine (Cys-427). <i>Biochemical Journal</i> , 2000 , 348, 235-240	3.8	18
1415	Regulation of Nramp1 mRNA stability by oxidants and protein kinase C in RAW264.7 macrophages expressing Nramp1Gly169. <i>Biochemical Journal</i> , 2000 , 351, 687-696	3.8	21
1414	The pathogenesis of lung injury following pulmonary resection. 2000 , 15, 790-9		197
1413	Thiol homeostasis and supplements in physical exercise. 2000 , 72, 653S-69S		300
1412	Copper deficiency suppresses effector activities of differentiated U937 cells. 2000 , 130, 1536-42		30
1411	Increase of mitochondria and mitochondrial DNA in response to oxidative stress in human cells. <i>Biochemical Journal</i> , 2000 , 348, 425-432	3.8	385
1410	Characterization of graft-versus-host disease in SCID mice and prevention by physicochemical stressors. 2000 , 70, 1683-93		7
1409	Cytokine hypothesis of overtraining: a physiological adaptation to excessive stress?. 2000 , 32, 317-31		284

1408	Energy metabolism, thyroid calorigenesis, and oxidative stress: functional and cytotoxic consequences. 2000 , 5, 265-75	65
1407	Genetic, biochemical, and clinical features of chronic granulomatous disease. 2000 , 79, 170-200	673
1406	Redox regulation of P-glycoprotein-mediated multidrug resistance in multicellular prostate tumor spheroids. 2000 , 85, 267-274	45
1405	Allergy to drugs: antioxidant enzymic activities, lipid peroxidation and protein oxidative damage in human blood. 2000 , 18, 77-84	23
1404	Modification of inflammatory response to implanted biomedical materials in vivo by surface bound superoxide dismutase mimics. 2000 , 51, 549-60	62
1403	Copper induces apoptosis in BA/F3beta cells: Bax, reactive oxygen species, and NFkappaB are involved. 2000 , 184, 161-70	63
1402	The mechanism of taurine chloramine inhibition of cytokine (interleukin-6, interleukin-8) production by rheumatoid arthritis fibroblast-like synoviocytes. 2000 , 43, 2169-77	75
1401	Spontaneous and oxidative stress-induced programmed cell death in lymphocytes from patients with ataxia telangiectasia (AT). 2000 , 119, 140-7	11
1400	Modulation of the phosphatase activity of calcineurin by oxidants and antioxidants in vitro. 2000 , 267, 2312-22	63
1399	Physiological functions of thioredoxin and thioredoxin reductase. 2000 , 267, 6102-9	1793
1398	In situ hybridization study of the rice phloem thioredoxin h mRNA accumulation [possible involvement in the differentiation of vascular tissues. 2000 , 109, 90-96	13
1397	Melatonin-induced increased activity of the respiratory chain complexes I and IV can prevent mitochondrial damage induced by ruthenium red in vivo. 2000 , 28, 242-8	208
1396	Metallothioneins, oxidative stress and the cardiovascular system. 2000 , 155, 17-26	73
1395	An electroanalytical investigation on the redox properties of lacidipine supporting its anti-oxidant effect. 2000 , 51, 193-200	32
1394	A redox-based mechanism for nitric oxide-induced inhibition of DNA synthesis in human vascular smooth muscle cells. 2000 , 129, 1513-21	13
1393	21-NO-prednisolone is a novel nitric oxide-releasing derivative of prednisolone with enhanced anti-inflammatory properties. 2000 , 131, 1345-54	49
1392	Zinc deficiency induces oxidative stress and AP-1 activation in 3T3 cells. 2000 , 28, 1091-9	146
1391	Activator protein 1 (AP-1)- and nuclear factor kappaB (NF-kappaB)-dependent transcriptional events in carcinogenesis. 2000 , 28, 1338-48	227

1390	Stress proteins as biomarkers of oxidative stress: effects of antioxidant supplements. 2000 , 28, 1598-606	96
1389	Role of the cyclic AMP-dependent pathway in free radical-induced cholesterol accumulation in vascular smooth muscle cells. 2000 , 29, 181-90	9
1388	Oxidative stress and gene regulation. 2000 , 28, 463-99	981
1387	Genotoxic potential of porphyrin type photosensitizers with particular emphasis on 5-aminolevulinic acid: implications for clinical photodynamic therapy. 2000 , 28, 537-48	75
1386	Atmospheric oxygen accelerates the induction of a post-mitotic phenotype in human dermal fibroblasts: the key protective role of glutathione. 2000 , 66, 147-55	41
1385	Dietary antioxidants and assessment of oxidative stress. 2000 , 16, 578-81	38
1384	Increased monocyte nuclear factor-kappaB activation and tumor necrosis factor production in alcoholic hepatitis. 2000 , 135, 387-95	73
1383	Regulation of cyclooxygenase-2 expression in human osteoblastic cells by N-acetylcysteine. 2000 , 136, 390-4	18
1382	Oxidative stress interference with the nuclear factor-kappa B activation pathways. 2000 , 60, 1075-83	194
1381	Regulation of chemokine mRNA expression in a rat model of vanadium-induced pulmonary inflammation. 2000 , 24, 505-17	16
1380	Upstream regulatory elements in chick heme oxygenase-1 promoter: a study in primary cultures of chick embryo liver cells. <i>Molecular and Cellular Biochemistry</i> , 2000 , 209, 17-27	4.2 21
1379	Selective involvement of reactive oxygen intermediates in platelet-activating factor-mediated activation of NF-kappaB. 2000 , 24, 385-98	17
1378	U373-MG response to interleukin-1beta-induced oxidative stress. 2000 , 16, 155-63	8
1377	Dexamethasone enhances mallory body formation in drug-primed mouse liver. 2000 , 69, 202-10	19
1376	Chlorophyllin suppression of lipopolysaccharide-induced nitric oxide production in RAW 264.7 cells. 2000 , 166, 120-7	27
1375	Inhibitory effects of curcumin and capsaicin on phorbol ester-induced activation of eukaryotic transcription factors, NF-kappaB and AP-1. 2000 , 12, 107-12	107
1374	Signaling by reactive oxygen species in the nervous system. 2000 , 57, 1287-305	145
1373	Pycnogenol inhibits tumor necrosis factor-alpha-induced nuclear factor kappa B activation and adhesion molecule expression in human vascular endothelial cells. 2000 , 57, 834-41	83

1372	Transient, oxidant-induced antioxidant transcript and enzyme levels correlate with greater oxidant-resistance in paraquat-resistant <i>Conyza bonariensis</i> . 2000 , 211, 50-61	63
1371	N-acetylcysteine downregulates vascular endothelial growth factor production by human keratinocytes in vitro. 2000 , 292, 621-8	20
1370	Reperfusion injury pathophysiology in sickle transgenic mice. 2000 , 96, 314-320	173
1369	Nuclear factor I/CCAAT box transcription factor trans-activating domain is a negative sensor of cellular stress. 2000 , 58, 1239-46	11
1368	Exercise and oxidative stress methodology: a critique. 2000 , 72, 670S-4S	75
1367	Oxidants and aging. 2000 , 755-796	3
1366	Regulation of inflammation and wound healing. 2000 , 995-1020	
1365	Superoxide dismutases in exercise and disease. 2000 , 243-295	11
1364	5-HT(2A) receptors stimulate mitogen-activated protein kinase via H(2)O(2) generation in rat renal mesangial cells. 2000 , 278, F650-8	73
1363	Brief hypoxic stress suppresses postbacteremic NF-kappaB activation and TNF-alpha bioactivity in perfused liver. 2000 , 279, R99-R108	9
1362	O(2)-evoked regulation of HIF-1alpha and NF-kappaB in perinatal lung epithelium requires glutathione biosynthesis. 2000 , 278, L492-503	83
1361	Tumor Necrosis Factor and Reactive Oxygen Species Cooperative Cytotoxicity Is Mediated via Inhibition of NF-B. 2000 , 6, 1028-1041	43
1360	Effects of Lipoxygenases on Gene Expression in Mammalian Cells. 2000 , 339-358	2
1359	Vanadate induces p53 transactivation through hydrogen peroxide and causes apoptosis. 2000 , 275, 32516-22	142
1358	Enhanced DNA binding and activation of transcription factors NF-kappa B and AP-1 by acetaldehyde in HEPG2 cells. 2000 , 275, 14684-90	49
1357	Oxidative stress disrupts glucocorticoid hormone-dependent transcription of the amiloride-sensitive epithelial sodium channel alpha-subunit in lung epithelial cells through ERK-dependent and thioredoxin-sensitive pathways. 2000 , 275, 8600-9	59
1356	Oral administration of tetrahydrobiopterin prevents endothelial dysfunction and vascular oxidative stress in the aortas of insulin-resistant rats. 2000 , 87, 566-73	203
1355	Role of nitric oxide in implantation and menstruation. 2000 , 15 Suppl 3, 96-111	98

1354	Role of oxidants in NF-kappa B activation and TNF-alpha gene transcription induced by hypoxia and endotoxin. 2000 , 165, 1013-21	405
1353	Tumor necrosis factor-alpha generates reactive oxygen species via a cytosolic phospholipase A2-linked cascade. 2000 , 275, 32357-62	192
1352	A variant of p22(phox), involved in generation of reactive oxygen species in the vessel wall, is associated with progression of coronary atherosclerosis. 2000 , 86, 391-5	118
1351	Free Radicals and Inflammation. 2000 ,	9
1350	NF-kappa B inhibits glucocorticoid and cAMP-mediated expression of the phosphoenolpyruvate carboxykinase gene. 2000 , 275, 31847-56	38
1349	Oxidative stress and NF-kappaB activation: correlation in patients following allogeneic bone marrow transplantation. 2000 , 2, 93-102	15
1348	Role of reactive oxygen species in glomerulonephritis. 2000 , 15, 1127-32	43
1347	Induction of peroxiredoxins in transplanted livers and demonstration of their in vitro cytoprotection activity. 2000 , 2, 347-54	23
1346	The expression of glutaredoxin is increased in the human cervix in term pregnancy and immediately post-partum, particularly after prostaglandin-induced delivery. 2000 , 6, 1147-53	15
1345	Angiotensin II stimulates endothelial vascular cell adhesion molecule-1 via nuclear factor-kappaB activation induced by intracellular oxidative stress. 2000 , 20, 645-51	429
1344	The molecular effects of acrolein. 2000 , 57, 6-15	402
1343	Role of reactive oxygen species in bradykinin-induced mitogen-activated protein kinase and c-fos induction in vascular cells. 2000 , 35, 942-7	65
1342	Effects of lycopene and lutein supplementation on the expression of functionally associated surface molecules on blood monocytes from healthy male nonsmokers. 2000 , 182 Suppl 1, S11-5	34
1341	Thioredoxin expression in human myometrium and fibroids. 2000 , 6, 60-7	2
1340	Iron is a regulatory component of human IL-1beta production. Support for regional variability in the lung. 2000 , 23, 112-9	26
1339	The Effects of Bioenergetic Stress and Redox Balance on the Expression of Genes Critical to Mitochondrial Function. 2000 , 209-229	8
1338	Overexpression of manganese superoxide dismutase mRNA may correlate with aggressiveness in gastric and colorectal adenocarcinomas. 2000 , 17, 107-12	34
1337	NF-kappaB is required for cytokine-induced manganese superoxide dismutase expression in insulin-producing cells. 2000 , 141, 153-62	60

1336	Differential induction of extracellular glutathione peroxidase and nitric oxide synthase 2 in airways of healthy individuals exposed to 100% O(2) or cigarette smoke. 2000 , 23, 350-4	65
1335	Synergistic effect of diesel organic extracts and allergen Der p 1 on the release of chemokines by peripheral blood mononuclear cells from allergic subjects: involvement of the map kinase pathway. 2000 , 23, 247-54	54
1334	Genetic and metabolic control of the mitochondrial transmembrane potential and reactive oxygen intermediate production in HIV disease. 2000 , 2, 551-73	64
1333	An 'environment to nucleus' signaling system operates in B lymphocytes: redox status modulates BSAP/Pax-5 activation through Ref-1 nuclear translocation. 2000 , 28, 1099-105	88
1332	Respiratory muscle function and free radicals: from cell to COPD. 2000 , 55, 704-16	55
1331	NF-kappaB inhibition ameliorates angiotensin II-induced inflammatory damage in rats. 2000 , 35, 193-201	340
1330	Oxidants and Antioxidants in Apoptosis: Role of Bcl-2. 2000 , 221-243	3
1329	Molecular basis of vitamin E action. Tocotrienol potently inhibits glutamate-induced pp60(c-Src) kinase activation and death of HT4 neuronal cells. 2000 , 275, 13049-55	241
1328	Angiotensin II activates nuclear transcription factor kappaB through AT(1) and AT(2) in vascular smooth muscle cells: molecular mechanisms. 2000 , 86, 1266-72	276
1327	Oxidative stress causes mucin synthesis via transactivation of epidermal growth factor receptor: role of neutrophils. 2000 , 164, 1546-52	308
1326	Hydrogen Peroxide. Ubiquitous in Cell Culture and In vivo?. 2000 , 50, 251-257	128
1325	Fatty acid and lipoic acid biosynthesis in higher plant mitochondria. 2000 , 275, 5016-25	142
1324	Oxidative stress and AP-1 activity in tamoxifen-resistant breast tumors in vivo. 2000 , 92, 1926-34	143
1323	Melatonin but not vitamins C and E maintains glutathione homeostasis in t-butyl hydroperoxide-induced mitochondrial oxidative stress. <i>FASEB Journal</i> , 2000 , 14, 1677-9	0.9 277
1322	Quinolizin-coumarins as physical enhancers of chemiluminescence during lipid peroxidation in live HL-60 cells. 2000 , 384, 154-62	12
1321	Aberrant processing of oxidative DNA damage in systemic lupus erythematosus. 2000 , 273, 894-8	53
1320	Attenuation of expression of gamma-glutamylcysteine synthetase by ribozyme transfection enhance insulin secretion by pancreatic beta cell line, MIN6. 2000 , 278, 236-40	12
1319	Glutathione depletion inhibits IL-1 beta-stimulated nitric oxide production by reducing inducible nitric oxide synthase gene expression. 2000 , 12, 1391-4	17

1318	The evolution of free radicals and oxidative stress. 2000 , 108, 652-9	900
1317	Folk medicine Terminalia catappa and its major tannin component, punicalagin, are effective against bleomycin-induced genotoxicity in Chinese hamster ovary cells. 2000 , 152, 115-22	89
1316	Differentiation status modulates transcription factor NF-kappaB activity in unstimulated human hepatocellular carcinoma cell lines. 2000 , 151, 49-56	37
1315	Role of reactive oxygen species in apoptosis: implications for cancer therapy. 2000 , 32, 157-70	550
1314	Dietary vitamin E and T cell-mediated function in the elderly: effectiveness and mechanism of action. 2000 , 18, 401-10	45
1313	Radiation inactivation studies of hepatic sinusoidal reduced glutathione transport system. 2000 , 1464, 207-18	3
1312	Pathogenesis of liver fibrosis: role of oxidative stress. 2000 , 21, 49-98	480
1311	Hydrogen peroxide in the human body. 2000 , 486, 10-3	720
1310	NADPH oxidase activity is required for endothelial cell proliferation and migration. 2000 , 486, 252-6	162
1309	A unique combination of transcription factors controls differentiation of thyroid cells. 2001 , 66, 307-56	148
1308	Antioxidant enzymes; possible mechanism of gold compound treatment in rheumatoid arthritis. 2000 , 7, 209-213	20
1307	Nitric Oxide in Pulmonary Processes. 2000 ,	
1306	Extracellular superoxide dismutase in tissues from obese (ob/ob) mice. 2000 , 33, 229-41	32
1305	Strategies for evaluation of signaling pathways and transcription factors altered in aging. 2000 , 2, 379-89	12
1304	Antioxidant activity levels and oxidative stress as blood markers of allergic response to drugs. 2000 , 78, 691-698	1
1303	Regulation of iNOS mRNA levels in endothelial cells by glutathione, a double-edged sword. 2000 , 32, 223-34	23
1302	Decreased superoxide anion production in cultured human promonocyte cells (THP-1) due to polyphenol mixtures from olive oil processing wastewaters. 2000 , 48, 5061-7	49
1301	Thioredoxin inhibits tumor necrosis factor- or interleukin-1-induced NF-kappaB activation at a level upstream of NF-kappaB-inducing kinase. 2000 , 2, 83-92	44

1300	Redox control of protein degradation. 2000 , 2, 851-78	33
1299	Luteinizing hormone depletes ascorbic acid in preovulatory follicles. 2000 , 74, 959-63	23
1298	Rapid activation of NF-kappaB and AP-1 and target gene expression in postischemic rat intestine. 2000 , 118, 525-34	69
1297	Superoxide enhances interleukin 1beta-mediated transcription of the hepatocyte-inducible nitric oxide synthase gene. 2000 , 118, 608-18	47
1296	Reactive Oxygen and Reactive Nitrogen Species in the Lung. 2000 , 21-38	
1295	Thiol-based antioxidants. 2000 , 36, 151-80	303
1294	Update on thiol status and supplements in physical exercise. 2001 , 26 Suppl, S4-12	14
1293	Effect of Ascorbic Acid and Its Hydrophobic Derivative Palmitoyl Ascorbate on the Redox State of Primary Human Fibroblasts. 2001 , 4, 107-115	5
1292	The role of vitamin E in atherogenesis: linking the chemical, biological and clinical aspects of the disease. 2001 , 157, 257-83	51
1291	Novel roles for glutathione in gene expression, cell death, and membrane transport of organic solutes. 2001 , 34, 946-54	166
1290	Chapter 19 Oxidative stress signaling. 2001 , 253-262	
1289	Antioxidants in exercise nutrition. 2001 , 31, 891-908	69
1288	Activation of heat shock factor 1 by pyrrolidine dithiocarbamate is mediated by its activities as pro-oxidant and thiol modulator. 2001 , 281, 367-72	33
1287	Superoxide potently induces ceramide formation in glomerular endothelial cells. 2001 , 284, 404-10	15
1286	Black tea is a powerful chemopreventor of reactive oxygen and nitrogen species: comparison with its individual catechin constituents and green tea. 2001 , 284, 173-8	60
1285	Oxidant-dependent phosphorylation of p40phox in B lymphocytes. 2001 , 287, 1009-16	12
1284	Reactive oxygen species in mechanical stress-induced cardiac hypertrophy. 2001 , 289, 901-7	110
1283	Activation of NF kappa B and expression of ICAM-1 in ischemic-reperfused canine myocardium. 2001 , 33, 109-19	30

1282	Acute immune response in respect to exercise-induced oxidative stress. 2001 , 7, 263-270	81
1281	The interplay of glutathione-related processes in antioxidant defense. 2001 , 10, 141-52	219
1280	Versatile cytoprotective activity of lipoic acid may reflect its ability to activate signalling intermediates that trigger the heat-shock and phase II responses. 2001 , 57, 313-7	30
1279	Single bout of exercise eliminates the immobilization-induced oxidative stress in rat brain. 2001 , 39, 33-8	80
1278	Cinnamophilin as a novel antiperoxidative cytoprotectant and free radical scavenger. 2001 , 1525, 77-88	20
1277	Interleukin 1-induced cyclooxygenase and nitric oxide synthase gene expression in the rat dorsal root ganglia is modulated by antioxidants. 2001 , 105, 971-85	25
1276	Capsaicin suppresses phorbol ester-induced activation of NF-kappaB/Rel and AP-1 transcription factors in mouse epidermis. 2001 , 164, 119-26	104
1275	Folate deficiency-induced oxidative stress and apoptosis are mediated via homocysteine-dependent overproduction of hydrogen peroxide and enhanced activation of NF-kappaB in human Hep G2 cells. 2001 , 55, 434-42	75
1274	Nuclear factor-kappaB activation is higher in peripheral blood mononuclear cells of male smokers. 2001 , 9, 147-151	15
1273	Redox control of caspases. 2001 , 10, 215-20	5
1272	Protective effects of resveratrol on hydrogen peroxide-induced apoptosis in rat pheochromocytoma (PC12) cells. 2001 , 496, 181-90	185
1271	Regulation of insulin-like growth factor-I and thioredoxin expression by estradiol in the reproductive tract of the prepubertal female lamb. 2001 , 77, 123-8	9
1270	Do mammalian cells synthesize lipoic acid? Identification of a mouse cDNA encoding a lipoic acid synthase located in mitochondria. 2001 , 498, 16-21	85
1269	A non-hypoxic, ROS-sensitive pathway mediates TNF-alpha-dependent regulation of HIF-1alpha. 2001 , 505, 269-74	200
1268	Glutathione-dependent resistance of the European eel <i>Anguilla anguilla</i> to the herbicide molinate. 2001 , 45, 671-81	71
1267	Oxidative stress induces the expression of the major histocompatibility complex in murine tumor cells. 2001 , 35, 119-28	3
1266	Cellular thiols and redox-regulated signal transduction. 2000 , 36, 1-30	202
1265	V-Ha-Ras overexpression induces superoxide production and alters levels of primary antioxidant enzymes. 2001 , 3, 697-709	18

1264	Inhibition of inflammatory endothelial responses by a pathway involving caspase activation and p65 cleavage. 2001 , 40, 4686-92	64
1263	Kinetic constraints for the thiolysis of 4-methyl-5-(pyrazin-2-yl)-1,2-dithiole-3-thione (oltipraz) and related dithiole-3-thiones in aqueous solution. 2001 , 14, 939-45	15
1262	Identification of activating transcription factor 4 (ATF4) as an Nrf2-interacting protein. Implication for heme oxygenase-1 gene regulation. 2001 , 276, 20858-65	350
1261	Increasing cloning efficiencies requires a better understanding of developmental abnormalities and gene expression in manipulated embryos. 2001 , 79, E285	4
1260	Short-term zinc deficiency affects nuclear factor-kappaB nuclear binding activity in rat testes. 2001 , 131, 21-6	44
1259	Invited Review: redox modulation of skeletal muscle contraction: what we know and what we don't. 2001 , 90, 724-31	343
1258	Garlic compounds minimize intracellular oxidative stress and inhibit nuclear factor-kappa B activation. 2001 , 131, 1020S-6S	153
1257	Reactive species and signal transduction. 2001 , 280, L583-4	2
1256	New vistas in anti-inflammatory therapy. 2001 , 88, 289-95	1
1255	Hyperoxia upregulates the NO pathway in alveolar macrophages in vitro: role of AP-1 and NF-kappaB. 2001 , 280, L905-13	41
1254	Reactive oxygen species stimulate VEGF production from C(2)C(12) skeletal myotubes through a PI3K/Akt pathway. 2001 , 280, L585-92	56
1253	Chronic Alcohol Consumption and Cerebral Indices of Oxidative Stress: Is There a Link?. 2001 , 25, 717-725	
1252	Down syndrome: advances in molecular biology and the neurosciences. 2001 , 22, 40-59	81
1251	A critical assessment of some biomarker approaches linked with dietary intake. 2001 , 86 Suppl 1, S5-35	64
1250	Transcription factor NF-kappaB as a potential biomarker for oxidative stress. 2001 , 86 Suppl 1, S121-7	159
1249	Pollution and allergic airways disease. 2001 , 1, 35-41	35
1248	Antioxidant regulation of cell adhesion. 2001 , 33, 377-81	20
1247	Amyloid precursors and amyloidosis in inflammatory arthritis. 2001 , 13, 67-73	65

1246	The role of particulate pollutants in pulmonary inflammation and asthma: evidence for the involvement of organic chemicals and oxidative stress. 2001 , 7, 20-6		267
1245	Antioxidant Effects of Carotenoids. 2001 ,		
1244	Water-soluble antioxidants inhibit macrophage recognition of oxidized erythrocytes. 2001 , 24, 575-8		7
1243	The protective effects of PMC against chronic carbon tetrachloride-induced hepatotoxicity in vivo. 2001 , 24, 1271-6		21
1242	Reactive oxygen species involved in trichosanthin-induced apoptosis of human choriocarcinoma cells. <i>Biochemical Journal</i> , 2001 , 355, 653-61	3.8	72
1241	Iron signalling regulated directly and through oxygen: implications for sepsis and the acute respiratory distress syndrome. 2001 , 100, 169-182		24
1240	Iron signalling regulated directly and through oxygen: implications for sepsis and the acute respiratory distress syndrome. 2001 , 100, 169		12
1239	A vegetable/fruit concentrate with high antioxidant capacity has no effect on biomarkers of antioxidant status in male smokers. 2001 , 131, 1714-22		99
1238	H2O2 impairs inflammatory mediator release from immunologically stimulated RBL-2H3 cells through a redox-sensitive, calcium-dependent mechanism. 2001 , 50, 341-9		16
1237	Cellular redox state and activating protein-1 are involved in ascorbate effect on calcitriol-induced differentiation. 2001 , 217, 129-36		12
1236	Effect of high altitude (7,620 m) exposure on glutathione and related metabolism in rats. 2001 , 84, 233-7		51
1235	Cytokines and oxidative signalling in skeletal muscle. 2001 , 171, 225-32		145
1234	Dopaminergic cell death induced by MPP(+), oxidant and specific neurotoxicants shares the common molecular mechanism. 2001 , 76, 1010-21		201
1233	Reactive oxygen species regulate signaling pathways induced by M1 muscarinic receptors in PC12M1 cells. 2001 , 76, 1701-11		18
1232	Activation of nuclear transcription factor kappa B (NF-kappaB) is essential for dopamine-induced apoptosis in PC12 cells. 2001 , 77, 391-8		82
1231	Walker-256 tumor growth causes oxidative stress in rat brain. 2001 , 77, 655-63		31
1230	TNF-alpha dependent NF-kappa B activation in cultured canine keratinocytes is partly mediated by reactive oxygen species. 2001 , 12, 129-37		32
1229	Augmented expression of peroxiredoxin VI in rat lung and kidney after birth implies an antioxidative role. 2001 , 268, 218-25		54

1228	Thioredoxin alters the matrix metalloproteinase/tissue inhibitors of metalloproteinase balance and stimulates human SK-N-SH neuroblastoma cell invasion. 2001 , 268, 405-13	43
1227	Tyrosine phosphorylation-dependent activation of NF-kappa B. Requirement for p56 LCK and ZAP-70 protein tyrosine kinases. 2001 , 268, 1508-15	103
1226	Apoptosis and liver diseases: recent concepts of mechanism and significance. 2001 , 16, 248-60	31
1225	Effects of idoxifene and estradiol on NF-kappaB activation in cultured rat hepatocytes undergoing oxidative stress. 2001 , 21, 183-91	47
1224	L-ascorbic acid increases NFkappaB binding activity in UVA-irradiated HaCaT keratinocytes. 2001 , 117, 154-6	10
1223	Salvianolic acid B attenuates VCAM-1 and ICAM-1 expression in TNF-alpha-treated human aortic endothelial cells. 2001 , 82, 512-21	145
1222	Nonradiochemical DNase I footprinting by capillary electrophoresis. 2001 , 22, 1979-86	43
1221	Immunohistochemical study of glutathione reductase in rat ocular tissues at different developmental stages. 2001 , 33, 267-72	15
1220	Regulation of inducible adhesion molecule expression in human endothelial cells by grape seed proanthocyanidin extract. <i>Molecular and Cellular Biochemistry</i> , 2001 , 216, 1-7	4.2 64
1219	Homocysteine augments cytokine-induced chemokine expression in human vascular smooth muscle cells: implications for atherogenesis. 2001 , 25, 179-86	30
1218	Redox modulation of the activity of DNA topoisomerase I from carrot (<i>Daucus carota</i>) mitochondria. 2001 , 377, 82-4	8
1217	Control of apolipoprotein E secretion by 25-hydroxycholesterol and proinflammatory cytokines in the human astrocytoma cell line CCF-STTG1. 2001 , 17, 191-9	17
1216	Responses of thiols to an oxidant challenge: differences between blood and tissues in the rat. 2001 , 134, 73-85	21
1215	Hydrogen peroxide mediates vascular cell adhesion molecule-1 expression from interleukin-18-activated hepatic sinusoidal endothelium: implications for circulating cancer cell arrest in the murine liver. 2001 , 34, 298-310	43
1214	Hydrogen peroxide. Ubiquitous in cell culture and in vivo?. 2000 , 50, 251-7	38
1213	Oxidative stress impairs nuclear proteins binding to the insulin responsive element in the GLUT4 promoter. 2001 , 44, 2156-64	46
1212	Impaired homocysteine metabolism and atherothrombotic disease. 2001 , 81, 645-72	180
1211	Matrix metalloproteinase inhibition prevents oxidative stress-associated blood-brain barrier disruption after transient focal cerebral ischemia. 2001 , 21, 1393-400	315

1210	Chronic Alcohol Consumption and Cerebral Indices of Oxidative Stress: Is There a Link?. 2001 , 25, 717-725	28
1209	Impaired activation of AP-1 and altered expression of constituent proteins in rat adrenal during ageing. <i>Mechanisms of Ageing and Development</i> , 2001 , 122, 1169-86	5.6 15
1208	Evidence for the involvement of the NADPH oxidase enzyme complex in the optimal accumulation of Platelet-activating factor in the human cell line PLB-985. 2001 , 66, 305-15	2
1207	tert-Butyl hydroperoxide-induced lipid signaling in hepatocytes: involvement of glutathione and free radicals. 2001 , 62, 705-12	89
1206	Inhibition of phosphoenolpyruvate carboxykinase (PEPCK) gene expression by troglitazone: a peroxisome proliferator-activated receptor-gamma (PPARGamma)-independent, antioxidant-related mechanism. 2001 , 62, 1071-9	91
1205	Effects of Ginkgo biloba extract (EGb 761) and quercetin on lipopolysaccharide-induced release of nitric oxide. 2001 , 137, 43-58	77
1204	Effects of alpha-lipoic acid on deoxycorticosterone acetate-salt-induced hypertension in rats. <i>European Journal of Pharmacology</i> , 2001 , 424, 121-9	5.3 34
1203	Geneva Biology of Ageing Workshop 2000: phagocytes, inflammation, and ageing. 2001 , 36, 373-81	5
1202	Lipid peroxidation in aging and age-dependent diseases. 2001 , 36, 1425-57	158
1201	2'-deoxyguanosine oxidation is associated with decrease in the DNA-binding activity of the transcription factor Sp1 in liver and kidney from diabetic and insulin-resistant rats. 2001 , 30, 107-18	19
1200	Redox-modulated pathways in inflammatory skin diseases. 2001 , 30, 337-53	108
1199	Kinetics of the reactions of hypochlorous acid and amino acid chloramines with thiols, methionine, and ascorbate. 2001 , 30, 572-9	260
1198	Redox environment of the cell as viewed through the redox state of the glutathione disulfide/glutathione couple. 2001 , 30, 1191-212	3374
1197	Differential antioxidant enzyme activities and glutathione content between rat and rabbit conceptuses. 2001 , 30, 1078-88	31
1196	Activation of NFkappaB and MnSOD gene expression by free radical scavengers in human microvascular endothelial cells. 2001 , 30, 1426-39	75
1195	Restoration of glutathione levels in vascular smooth muscle cells exposed to high glucose conditions. 2001 , 31, 1149-55	39
1194	Reactive oxygen species, antioxidants, and the mammalian thioredoxin system. 2001 , 31, 1287-312	1903
1193	Altered differentiation in rat and rabbit limb bud micromass cultures by glutathione modulating agents. 2001 , 31, 1582-92	31

1192	Review: Interaction among angiotensin II, nitric oxide and oxidative stress. 2001 , 2, S59-S63		5
1191	Homocysteine induces expression and secretion of monocyte chemoattractant protein-1 and interleukin-8 in human aortic endothelial cells: implications for vascular disease. 2001 , 103, 2717-23		248
1190	Antioxidant and redox regulation of cellular signaling: introduction. 2001 , 33, 368-70		64
1189	A single physiologic dose of ultraviolet light exposure to human skin in vivo induces phosphorylation of epidermal growth factor receptor. 2001 , 19, 459-64		3
1188	Alpha-tocopherol modulates tyrosine phosphorylation in human neutrophils by inhibition of protein kinase C activity and activation of tyrosine phosphatases. 2001 , 35, 843-56		29
1187	Relationship between the level of dietary vitamin E and the immune response of broiler chickens. <i>Poultry Science</i> , 2001 , 80, 1590-9	3.9	107
1186	UV Induces phosphorylation of protein kinase B (Akt) at Ser-473 and Thr-308 in mouse epidermal Cl 41 cells through hydrogen peroxide. 2001 , 276, 40234-40		77
1185	Surfactant protein D regulates NF-kappa B and matrix metalloproteinase production in alveolar macrophages via oxidant-sensitive pathways. 2001 , 166, 7514-9		143
1184	Glutaredoxin protects cerebellar granule neurons from dopamine-induced apoptosis by dual activation of the ras-phosphoinositide 3-kinase and jun n-terminal kinase pathways. 2001 , 276, 21618-26		65
1183	Vanadium-induced nuclear factor of activated T cells activation through hydrogen peroxide. 2001 , 276, 22397-403		63
1182	Vascular endothelial growth factor induces manganese-superoxide dismutase expression in endothelial cells by a Rac1-regulated NADPH oxidase-dependent mechanism. <i>FASEB Journal</i> , 2001 , 15, 2548-50	0.9	144
1181	Adjuvant arthritis induces down-regulation of G protein-coupled receptor kinases in the immune system. 2001 , 166, 1635-40		103
1180	Antioxidants inhibit indoleamine 2,3-dioxygenase in IFN-gamma-activated human macrophages: posttranslational regulation by pyrrolidine dithiocarbamate. 2001 , 166, 6332-40		103
1179	Reactive oxygen species (ROS) mediates the mitochondrial-dependent apoptosis induced by transforming growth factor (beta) in fetal hepatocytes. <i>FASEB Journal</i> , 2001 , 15, 741-51	0.9	271
1178	Nitric oxide synthase inhibitors have opposite effects on acute inflammation depending on their route of administration. 2001 , 166, 1169-77		59
1177	Induction of manganese superoxide dismutase by tumour necrosis factor-alpha in human endometrial stromal cells. 2001 , 7, 1065-72		19
1176	ERK and p38 MAPK, but not NF-kappaB, are critically involved in reactive oxygen species-mediated induction of IL-6 by angiotensin II in cardiac fibroblasts. 2001 , 89, 661-9		257
1175	Extracellular glutathione peroxidase induction in asthmatic lungs: evidence for redox regulation of expression in human airway epithelial cells. <i>FASEB Journal</i> , 2001 , 15, 70-78	0.9	146

1174	Antioxidants in critical illness. 2001 , 136, 1201-7	99
1173	Vesicle-associated membrane protein of Arabidopsis suppresses Bax-induced apoptosis in yeast downstream of oxidative burst. 2001 , 276, 46284-9	60
1172	Activation of nuclear factor-kappa b transcriptional activity in airway epithelial cells by thioredoxin but not by N-acetyl-cysteine and glutathione. 2001 , 25, 178-85	76
1171	Characterization of aging-associated up-regulation of constitutive nuclear factor-kappa B binding activity. 2001 , 3, 147-56	81
1170	Reactive oxygen species and cell signaling. 2001 , 25, 661-3	85
1169	Physical exercise induces activation of NF-kappaB in human peripheral blood lymphocytes. 2001 , 3, 1131-7	43
1168	Accumulation of glutathione disulfide mediates NF-kappaB activation during immune stimulation with CpG DNA. 2002 , 12, 327-40	12
1167	Time course of pulmonary response of rats to inhalation of crystalline silica: NF-kappa B activation, inflammation, cytokine production, and damage. 2002 , 14, 349-67	64
1166	Attenuation of the development of murine solid leukemia tumor by physical exercise. 2002 , 4, 213-9	18
1165	Redox signaling-mediated regulation of lipopolysaccharide-induced proinflammatory cytokine biosynthesis in alveolar epithelial cells. 2002 , 4, 179-93	39
1164	Elevated oxidative stress in patients with ataxia telangiectasia. 2002 , 4, 465-9	139
1163	Unique ability of troglitazone to up-regulate peroxisome proliferator-activated receptor-gamma expression in hepatocytes. 2002 , 300, 72-7	59
1162	Oxidant-induced vascular endothelial growth factor expression in human keratinocytes and cutaneous wound healing. 2002 , 277, 33284-90	237
1161	Hepatocyte nuclear factor-4alpha mediates redox sensitivity of inducible nitric-oxide synthase gene transcription. 2002 , 277, 5054-60	17
1160	N-Ethylmaleimide inhibits platelet-derived growth factor BB-stimulated Akt phosphorylation via activation of protein phosphatase 2A. 2002 , 277, 40148-55	107
1159	Vascular NADH oxidase is involved in impaired endothelium-dependent vasodilation in OLETF rats, a model of type 2 diabetes. 2002 , 51, 522-7	137
1158	Effects of benfluorex on fatty acid and glucose metabolism in isolated rat hepatocytes: from metabolic fluxes to gene expression. 2002 , 51, 2363-8	10
1157	Distinct signaling pathways are activated in response to mechanical stress applied axially and transversely to skeletal muscle fibers. 2002 , 277, 46493-503	78

1156	Thiol antioxidants inhibit the adjuvant effects of aerosolized diesel exhaust particles in a murine model for ovalbumin sensitization. 2002 , 168, 2560-7	169
1155	Exuberant inflammation in nicotinamide adenine dinucleotide phosphate-oxidase-deficient mice after allogeneic marrow transplantation. 2002 , 168, 5840-7	19
1154	Comparison of the pro-oxidative and proinflammatory effects of organic diesel exhaust particle chemicals in bronchial epithelial cells and macrophages. 2002 , 169, 4531-41	260
1153	Persistent mitochondrial hyperpolarization, increased reactive oxygen intermediate production, and cytoplasmic alkalinization characterize altered IL-10 signaling in patients with systemic lupus erythematosus. 2002 , 169, 1092-101	157
1152	Inhibition of gastric cancer cell proliferation by resveratrol: role of nitric oxide. 2002 , 282, G809-16	56
1151	The thiol sensitivity of glutathione transport in sidedness-sorted basolateral liver plasma membrane and in Oatp1-expressing HeLa cell membrane. 2002 , 61, 425-35	23
1150	Irreversible thiol oxidation in carbonic anhydrase III: protection by S-glutathiolation and detection in aging rats. 2002 , 383, 649-62	68
1149	Thalidomide modulates nuclear redox status and preferentially depletes glutathione in rabbit limb versus rat limb. 2002 , 300, 768-76	62
1148	Preterm premature rupture of the membranes and antioxidants: the free radical connection. 2002 , 30, 447-57	41
1147	The saga of leucine zippers continues: in response to oxidative stress. 2002 , 26, 161-3	17
1146	Hemangioma model for in vivo angiogenesis: inducible oxidative stress and MCP-1 expression in EOMA cells. 2002 , 352, 422-32	25
1145	Mechanism for peroxisome proliferator-activated receptor-alpha activator-induced up-regulation of UCP2 mRNA in rodent hepatocytes. 2002 , 277, 9562-9	103
1144	Rickettsia rickettsii infection of cultured human endothelial cells induces heme oxygenase 1 expression. 2002 , 70, 4045-52	35
1143	Low intracellular zinc impairs the translocation of activated NF-kappa B to the nuclei in human neuroblastoma IMR-32 cells. 2002 , 277, 34610-7	66
1142	Antioxidant responses to oxidant-mediated lung diseases. 2002 , 283, L246-55	205
1141	Immunohistochemical localization of glutaredoxin and thioredoxin in human endometrium: a possible association with pinopodes. 2002 , 8, 546-51	23
1140	Involvement of proteasome in endothelin-1 production in cultured vascular endothelial cells. 2002 , 88, 197-205	17
1139	Dietary orotic acid increases 1,2-diacylglycerol level and lowers superoxide dismutase activity in rat liver. 2002 , 48, 40-6	8

1138	Oxygen radicals trigger activation of NF-kappaB and AP-1 and upregulation of ICAM-1 in reperfused canine heart. 2002 , 282, H1778-86	90
1137	Oxygen-sensitive pro-inflammatory cytokines, apoptosis signaling and redox-responsive transcription factors in development and pathophysiology. 2002 , 7, 1-14	52
1136	Oxidative Stress and Signal Transduction Pathway of Redox Sensor Proteins: Clinical Applications and Novel Therapeutics. 2002 , 112-127	
1135	Activation time course of activator protein-1 and effect of proline dithiocarbamate during ischemia-reperfusion in rat skeletal muscle. 2002 , 49, 654-9	3
1134	Chronic ethanol exposure potentiates lipopolysaccharide liver injury despite inhibiting Jun N-terminal kinase and caspase 3 activation. 2002 , 277, 13037-44	70
1133	NADPH-oxidase may contribute to IL-12 production in macrophages stimulated with CpG phosphorothioate oligodeoxynucleotides. 2002 , 25, 351-5	10
1132	Zinc status of human IMR-32 neuroblastoma cells influences their susceptibility to iron-induced oxidative stress. 2002 , 24, 125-33	17
1131	A systematic screening of total antioxidants in dietary plants. 2002 , 132, 461-71	686
1130	Thioredoxin genes in lens: regulation by oxidative stress. 2002 , 347, 421-35	12
1129	Alterations in signal transduction in T lymphocytes and neutrophils with ageing. 2002 , 13, 93-121	1
1128	Overload proteinuria is followed by salt-sensitive hypertension caused by renal infiltration of immune cells. 2002 , 283, F1132-41	85
1127	Redox aspects of vascular response to injury. 2002 , 352, 432-54	30
1126	Inhibition of cell proliferation and AP-1 activity by acrolein in human A549 lung adenocarcinoma cells due to thiol imbalance and covalent modifications. 2002 , 15, 180-6	62
1125	Genotypic influences on metabolic alterations during inflammation and the nutritional outcome. 2002 , 7, 1-13; discussion 13-8	3
1124	Fatty acid oxidation and signaling in apoptosis. 2002 , 383, 425-42	86
1123	Reactive oxygen species and protein oxidation in aging: a look back, a look ahead. 2002 , 397, 377-83	193
1122	Effect of arsenic on transcription factor AP-1 and NF-kappaB DNA binding activity and related gene expression. 2002 , 133, 33-45	111
1121	Constitutive and inducible nitric oxide synthase: role in angiogenesis. 2002 , 4, 817-23	47

1120	Enhancement of lindane-induced liver oxidative stress and hepatotoxicity by thyroid hormone is reduced by gadolinium chloride. 2002 , 36, 1033-9		38
1119	Use of a stratified oxidative stress model to study the biological effects of ambient concentrated and diesel exhaust particulate matter. 2002 , 14, 459-86		198
1118	Angioprevention': angiogenesis is a common and key target for cancer chemopreventive agents. <i>FASEB Journal</i> , 2002 , 16, 2-14	0.9	270
1117	PPAR-alpha ligands inhibit H2O2-mediated activation of transforming growth factor-beta1 in human mesangial cells. 2002 , 4, 877-84		23
1116	Increases in tumor necrosis factor-alpha in response to thyroid hormone-induced liver oxidative stress in the rat. 2002 , 36, 719-25		22
1115	Effects of long-term solvent exposure on blood cytokine levels and antioxidant enzyme activities in house painters. 2002 , 65, 1237-46		16
1114	Antioxidants, reactive oxygen and nitrogen species, gene induction and mitochondrial function. 2002 , 23, 209-85		179
1113	Alpha-tocopheryl succinate epitomizes a compound with a shift in biological activity due to pro-vitamin-to-vitamin conversion. 2002 , 293, 1309-13		40
1112	H(2)O(2)-induced AP-1 activation and its effect on p21(WAF1/CIP1)-mediated G2/M arrest in a p53-deficient human lung cancer cell. 2002 , 293, 1248-53		54
1111	Proteasome inhibitors stimulate activator protein-1 pathway via reactive oxygen species production. 2002 , 526, 101-5		64
1110	Intracellular redox regulation by a cystine derivative suppresses UV-induced NF-kappa B activation. 2002 , 526, 106-10		16
1109	Oxygen-sensing mechanisms and the regulation of redox-responsive transcription factors in development and pathophysiology. 2002 , 3, 26		67
1108	Allograft injury mediated by reactive oxygen species: From conserved proteins of Drosophila to acute and chronic rejection of human transplants. Part I: Demonstration of reactive oxygen species in reperfused allografts and their role in the initiation of innate immunity. 2002 , 16, 192-204		10
1107	Antitumour and pro-apoptotic actions of highly unsaturated fatty acids in glioma. 2002 , 66, 19-29		40
1106	Oxidative injury due to chronic nitric oxide synthase inhibition in rat: effect of regular exercise on the heart. 2002 , 1587, 75-82		64
1105	Antioxidant enzyme expression in health and disease: effects of exercise and hypertension. 2002 , 133, 493-505		57
1104	Inhibition of glutathione-related enzymes augments LPS-mediated cytokine biosynthesis: involvement of an IkappaB/NF-kappaB-sensitive pathway in the alveolar epithelium. 2002 , 2, 1567-83		30
1103	The pro-oxidant chemistry of the natural antioxidants vitamin C, vitamin E, carotenoids and flavonoids. 2002 , 11, 321-33		243

1102	Identification of Rhus verniciflua Stokes compounds that exhibit free radical scavenging and anti-apoptotic properties. 2002 , 1570, 181-91	136
1101	Differential effects of the antioxidant alpha-lipoic acid on the proliferation of mitogen-stimulated peripheral blood lymphocytes and leukaemic T cells. 2002 , 38, 733-45	24
1100	Consumption of green tea protects rats from exercise-induced oxidative stress in kidney and liver. 2002 , 22, 1177-1188	25
1099	Molecular Pathology and Clinical Aspects of Alcohol-Induced Tissue Injury. 2002 , 26, 120-128	2
1098	Vascular NAD(P)H oxidase triggers delayed cerebral vasospasm after subarachnoid hemorrhage in rats. 2002 , 33, 2687-91	67
1097	Effects of Antioxidant on the Hypoxia-induced Expression of ICAM-1 in Cultured Human Synovial Fibroblasts. 2002 , 2, 25	
1096	Response of alveolar macrophages to inhaled particulates. 2002 , 34, 47-52	13
1095	Oxidative stress and apoptosis in immune diseases. 2002 , 15, 157-164	42
1094	Alpha-lipoic acid inhibits glycogen synthesis in rat soleus muscle via its oxidative activity and the uncoupling of mitochondria. 2002 , 132, 3001-6	41
1093	Ubiquinol an Endogenous Lipid-Soluble Antioxidant in Animal Tissues. 2002 , 453-477	
1092	Angiotensin II induced inflammation in the kidney and in the heart of double transgenic rats. 2002 , 2, 3	61
1091	Differential activation of nuclear transcription factor kappaB, gene expression, and proteins by amifostine's free thiol in human microvascular endothelial and glioma cells. 2002 , 12, 103-11	25
1090	Age-dependent modulation of NF-kappaB expression in rat adrenal gland. <i>Mechanisms of Ageing and Development</i> , 2002 , 123, 1211-27	5.6 8
1089	Hepatitis C virus NS5A protein binds TBP and p53, inhibiting their DNA binding and p53 interactions with TBP and ERCC3. 2002 , 1592, 193-204	58
1088	Relationship between the activation of heat shock factor and the suppression of nuclear factor-kappaB activity in rat hepatocyte cultures treated with cyclosporine A. 2002 , 64, 247-56	14
1087	Modulation of human lymphocyte proliferative response with aging. 2002 , 37, 369-87	100
1086	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
1085	Attenuating effects of heat shock against TGF-beta1-induced apoptosis in cultured rat hepatocytes. 2002 , 33, 835-46	21

1084	Pharmaco-redox regulation of cytokine-related pathways: from receptor signaling to pharmacogenomics. 2002 , 33, 907-26	39
1083	Oxidative stress induces the expression of Fas and Fas ligand and apoptosis in murine intestinal epithelial cells. 2002 , 33, 1641-50	96
1082	NFkappaB-dependent signaling pathways. 2002 , 30, 285-96	298
1081	Oxygen homeostasis, thiol equilibrium and redox regulation of signalling transcription factors in the alveolar epithelium. 2002 , 14, 799-810	39
1080	Antioxidant and prooxidant mechanisms in the regulation of redox(y)-sensitive transcription factors. 2002 , 14, 879-97	349
1079	Protective effect of vitamin E on ultraviolet B light-induced damage in keratinocytes. 2002 , 34, 121-30	57
1078	Abnormal T cell signal transduction in systemic lupus erythematosus. 2002 , 46, 1139-54	129
1077	Inhibitory effects of the standardized extract (DA-9601) of <i>Artemisia asiatica</i> Nakai on phorbol ester-induced ornithine decarboxylase activity, papilloma formation, cyclooxygenase-2 expression, inducible nitric oxide synthase expression and nuclear transcription factor kappa B activation in mouse skin. 2002 , 188, 456-62	63
1076	Misregulation of gene expression in the redox-sensitive NF-kappab-dependent limb outgrowth pathway by thalidomide. 2002 , 225, 186-94	63
1075	Suppression of phorbol ester-induced NF-kappaB activation by capsaicin in cultured human promyelocytic leukemia cells. 2002 , 25, 475-9	41
1074	Increase in mitochondrial mass in human fibroblasts under oxidative stress and during replicative cell senescence. 2002 , 9, 517-26	187
1073	Ontwikkelingsbiologie van de long: pathogenese van bronchopulmonale dysplasie. 2002 , 70, 196-200	
1072	Uncoupling protein-2: evidence for its function as a metabolic regulator. 2002 , 45, 174-87	74
1071	Influence of C-phycocyanin on hepatocellular parameters related to liver oxidative stress and Kupffer cell functioning. 2002 , 51, 351-6	37
1070	[Oxidative stress, age-dependent [correction of age-related] cell damage and antioxidative mechanisms]. 2002 , 35, 139-50	17
1069	Adverse respiratory effects and allergic susceptibility in relation to particulate air pollution: flirting with disaster. 2002 , 57, 281-6	49
1068	The role of oxidative stress in mechanisms of metal-induced carcinogenesis. 2002 , 42, 93-103	134
1067	Cytokine-induced expression of tPA is differentially modulated by NO and ROS in rat mesangial cells. 2002 , 61, 20-30	29

1066	Adaptive stress response of glutathione and uric acid metabolism in man following controlled exercise and diet. 2002 , 176, 43-56	27
1065	Gender-related differences in erythrocyte glutathione peroxidase activity in healthy subjects. 2002 , 57, 663-7	31
1064	Lysophosphatidic acid decreases glutamate and glucose uptake by astrocytes. 1996 , 67, 2300-5	38
1063	Lysophosphatidic acid-induced proliferation-related signals in astrocytes. 1997 , 69, 1073-84	54
1062	Substance P and histamine induce interleukin-6 expression in human astrocytoma cells by a mechanism involving protein kinase C and nuclear factor-IL-6. 1998 , 70, 1577-83	44
1061	Interaction of alpha-phenyl-N-tert-butyl nitron and alternative electron acceptors with complex I indicates a substrate reduction site upstream from the rotenone binding site. 1998 , 71, 2549-57	91
1060	Induction of the manganese superoxide dismutase gene by sphingomyelinase and ceramide. 1999 , 73, 513-20	24
1059	Activation of AP-1 and nuclear factor-kappaB transcription factors is involved in hydrogen peroxide-induced apoptotic cell death of oligodendrocytes. 1999 , 73, 2501-9	145
1058	Protective effect of alpha-lipoic acid against ischaemic acute renal failure in rats. 2002 , 29, 189-94	51
1057	Activation of the nuclear transcription factor kappaB (NFkappaB) and differential gene expression in U87 glioma cells after exposure to the cytoprotector amifostine. 2002 , 53, 180-9	28
1056	Delivery systems for antioxidant nutrients. 2002 , 180, 183-93	9
1055	Solution structure and design of dithiophosphate backbone aptamers targeting transcription factor NF-kappaB. 2002 , 30, 396-419	22
1054	N-acetyl-L-cysteine suppresses constitutive expression of CD11a/LFA-1alpha protein in myeloid lineage. 2002 , 26, 939-44	7
1053	Overexpressed thioredoxin compensates Fanconi anemia related chromosomal instability. 2002 , 21, 2406-12	27
1052	Magnolol attenuates VCAM-1 expression in vitro in TNF-alpha-treated human aortic endothelial cells and in vivo in the aorta of cholesterol-fed rabbits. 2002 , 135, 37-47	78
1051	Cyclosporin A-induced free radical generation is not mediated by cytochrome P-450. 2002 , 135, 977-86	22
1050	Antioxidant effects of green tea polyphenols on free radical initiated peroxidation of rat liver microsomes. 2002 , 120, 109-17	91
1049	Exercise-induced modulation of antioxidant defense. 2002 , 959, 82-92	223

1048	Generation of reactive oxygen and nitrogen species in contracting skeletal muscle: potential impact on aging. 2002 , 959, 108-16		106
1047	Oxygen, oxidants, and antioxidants in wound healing: an emerging paradigm. 2002 , 957, 239-49		227
1046	Molecular Pathology and Clinical Aspects of Alcohol-Induced Tissue Injury. 2002 , 26, 120-128		47
1045	Antioxidant effects of tetrahydro-beta-carboline derivatives identified in aged garlic extract. 2002 , 16, 57-72		46
1044	Delayed cytoprotection after enhancement of Sod2 (MnSOD) gene expression in SA-NH mouse sarcoma cells exposed to WR-1065, the active metabolite of amifostine. 2002 , 158, 101-9		33
1043	Oxidation of biological systems: oxidative stress phenomena, antioxidants, redox reactions, and methods for their quantification. 2002 , 30, 620-50		1498
1042	Free radicals in the physiological control of cell function. 2002 , 82, 47-95		6814
1041	Iron-induced oxidant stress in nonparenchymal liver cells: mitochondrial derangement and fibrosis in acutely iron-dosed gerbils and its prevention by silybin. 2002 , 34, 67-79		30
1040	Vitamin E analogs: a new class of multiple action agents with anti-neoplastic and anti-atherogenic activity. 2002 , 7, 179-87		26
1039	Exercise conditioning attenuates the hypertensive effects of nitric oxide synthase inhibitor in rat. <i>Molecular and Cellular Biochemistry</i> , 2002 , 231, 129-37	4.2	33
1038	Differential role of hydrogen peroxide in UV-induced signal transduction. <i>Molecular and Cellular Biochemistry</i> , 2002 , 234/235, 81-90	4.2	42
1037	The oxidant defense system in human neuroblastoma IMR-32 cells predifferentiation and postdifferentiation to neuronal phenotypes. 2002 , 27, 1499-506		20
1036	Effect of DHLA on response of isolated rat urinary bladder to repetitive field stimulation. <i>Molecular and Cellular Biochemistry</i> , 2003 , 246, 129-135	4.2	6
1035	On the role of the two extracytoplasmic substrate-binding domains in the ABC transporter OpuA. 2003 , 22, 5983-93		49
1034	Mechanisms for sensitization to TNF-induced apoptosis by acute glutathione depletion in murine hepatocytes. 2003 , 37, 1425-34		111
1033	Antioxidants in cancer therapy: is there a rationale to recommend antioxidants during cancer therapy?. 2003 , 17, 229-40		10
1032	Investigating the potential for interaction between the components of PM(10). 2003 , 7, 246-53		15
1031	Molecular mechanisms of N-acetylcysteine actions. 2003 , 60, 6-20		990

1030	Induction of apoptosis in skeletal tissues: phosphate-mediated chick chondrocyte apoptosis is calcium dependent. 2003 , 73, 161-72	51
1029	Adverse drug reactions, transcription factors and transcriptomics. 2003 , 12, 1-10	2
1028	New perspectives on the role of amine oxidases in physiopathology. 2003 , 24, 13-7	6
1027	Thiolation and nitrosation of cysteines in biological fluids and cells. 2003 , 25, 323-39	95
1026	Impairment of the EGF signaling pathway by the oxidative stress generated with UVA. 2003 , 34, 629-36	36
1025	Protective effect of resveratrol on beta-amyloid-induced oxidative PC12 cell death. 2003 , 34, 1100-10	316
1024	Thyroid hormone-induced oxidative stress triggers nuclear factor-kappaB activation and cytokine gene expression in rat liver. 2003 , 35, 257-65	47
1023	Effect of olive oil minor components on oxidative stress and arachidonic acid mobilization and metabolism by macrophages RAW 264.7. 2003 , 35, 1073-81	169
1022	Effects of TNFalpha on expression of ICAM-1 in human airway epithelial cells in vitro: oxidant-mediated pathways and transcription factors. 2003 , 35, 1158-67	35
1021	Diclofenac induces apoptosis in hepatocytes by alteration of mitochondrial function and generation of ROS. 2003 , 66, 2155-67	132
1020	Potentialiation of cellular antioxidant capacity by Bcl-2: implications for its antiapoptotic function. 2003 , 66, 1371-9	91
1019	Aberrant expression of peroxiredoxin subtypes in neurodegenerative disorders. 2003 , 967, 152-60	237
1018	The Dictyostelium discoideum prespore-specific catalase B functions to control late development and to protect spore viability. 2003 , 1641, 55-64	18
1017	Selective activation of Src family kinases and JNK by low levels of chromium(VI). 2003 , 190, 214-23	36
1016	Reactive oxygen species inhibited by titanium oxide coatings. 2003 , 66, 396-402	43
1015	Macrophage response to cross-linked and conventional UHMWPE. 2003 , 24, 2561-73	74
1014	Iron-induced oxidant stress in alcoholic liver fibrogenesis. 2003 , 30, 121-9	56
1013	Genomic regions responsible for manganese superoxide dismutase regulation in Drosophila melanogaster. 2003 , 2, 223-31	4

1012	Lipoic acid supplementation prevents angiotensin II-induced renal injury. 2003 , 64, 501-8	39
1011	Vitamin D3 up-regulated protein-1 regulates collagen expression in mesangial cells. 2003 , 64, 1632-42	55
1010	The general case for redox control of wound repair. 2003 , 11, 431-8	144
1009	Antioxidative Effects of Glycoprotein Isolated from Solanum nigrum Linne on Oxygen Radicals and its Cytotoxic Effects on the MCF-7 Cell. 2003 , 68, 466-470	31
1008	Thiol alkylation inhibits the mitogenic effects of platelet-derived growth factor and renders it proapoptotic via activation of STATs and p53 and induction of expression of caspase1 and p21(waf1/cip1). 2003 , 22, 117-30	21
1007	Response of oxidative stress biomarkers to a 16-week aerobic physical activity program, and to acute physical activity, in healthy young men and women. 2003 , 167, 327-34	190
1006	Effects of glycoprotein isolated from Rhus verniciflua stokes on TPA-induced apoptosis and production of cytokines in cultured mouse primary splenocytes. 2003 , 145, 261-71	14
1005	Inhibition of immunoglobulin E production in allergic model mice by supplementation with vitamin E and beta-carotene. 2003 , 67, 2176-82	27
1004	Mechanisms of the protective action of diethyldithiocarbamate-iron complex on acute cardiac allograft rejection. 2003 , 284, H1542-51	13
1003	Antioxidative and hepatoprotective effects of Antrodia camphorata extract. 2003 , 51, 3302-8	189
1002	Revisiting the essential role of oxygen in wound healing. 2003 , 186, 259-63	252
1001	Thioredoxin inhibits microvascular endothelial capillary tubule formation. 2003 , 291, 474-83	15
1000	Endomorphins, endogenous opioid peptides, provide antioxidant defense in the brain against free radical-induced damage. 2003 , 1639, 195-202	24
999	Plasminogen-induced IL-1beta and TNF-alpha production in microglia is regulated by reactive oxygen species. 2003 , 312, 969-74	61
998	Reactive oxygen species mediate endotoxin-induced human dermal endothelial NF-kappaB activation. 2003 , 111, 120-6	43
997	Anti-angiogenic property of edible berry in a model of hemangioma. 2003 , 544, 252-7	74
996	Prooxidant effects of beta-carotene in cultured cells. 2003 , 24, 353-62	112
995	Mitochondrial potassium transport: the role of the mitochondrial ATP-sensitive K(+) channel in cardiac function and cardioprotection. 2003 , 1606, 1-21	258

994	Stretch-induced IL-6 secretion from endothelial cells requires NF-kappaB activation. 2003 , 308, 306-12	66
993	Alpha2beta1-integrin signaling by itself controls G1/S transition in a human adenocarcinoma cell line (Caco-2): implication of NADPH oxidase-dependent production of ROS. 2003 , 285, 59-71	71
992	The antioxidant, rather than prooxidant, activities of quercetin on normal cells: quercetin protects mouse thymocytes from glucose oxidase-mediated apoptosis. 2003 , 291, 386-97	89
991	Ripe fruit of <i>Solanum nigrum</i> L. inhibits cell growth and induces apoptosis in MCF-7 cells. 2003 , 41, 1421-8	96
990	Overexpression of cytosolic glutathione peroxidase (GPX1) delays endothelial cell growth and increases resistance to toxic challenges. 2003 , 85, 611-7	26
989	Oxidative stress regulated genes in nigral dopaminergic neuronal cells: correlation with the known pathology in Parkinson's disease. 2003 , 110, 76-84	84
988	Signal transduction and neurosurvival in experimental models of brain injury. 2003 , 59, 339-51	14
987	Dietary antioxidants—past, present and future?. 2003 , 14, 93-98	51
986	Inhibition of free radical-induced peroxidation of rat liver microsomes by resveratrol and its analogues. 2003 , 1637, 31-8	104
985	Cytokine profiles in patients receiving wide-field + prostate boost radiotherapy (xRT) for adenocarcinoma of the prostate. 2003 , 23, 151-63	24
984	Suppression of ultraviolet B exposure-mediated activation of NF-kappaB in normal human keratinocytes by resveratrol. 2003 , 5, 74-82	156
983	Signal Transduction by Reactive Oxygen and Nitrogen Species: Pathways and Chemical Principles. 2003 ,	16
982	Vitamin D Analogs in Cancer Prevention and Therapy. 2003 ,	5
981	Profile of chicken cytokines induced by lipopolysaccharide is modulated by dietary alpha-tocopheryl acetate. <i>Poultry Science</i> , 2003 , 82, 1266-73	3.9 32
980	Tumor necrosis factor-alpha-induced targeted proteolysis of cystathionine beta-synthase modulates redox homeostasis. 2003 , 278, 16802-8	65
979	Nicotine induces human neutrophils to produce IL-8 through the generation of peroxynitrite and subsequent activation of NF-kappaB. 2003 , 74, 942-51	90
978	Oxidative stress and gene expression in sepsis. 2003 , 90, 221-32	347
977	Thiol antioxidant reversal of pyrrolidine dithiocarbamate-induced reciprocal regulation of AP-1 and NF-kappaB. 2003 , 384, 143-50	33

976	Redox regulation of chloroplast transcription. 2003 , 5, 79-87	59
975	Vasopressin type 1A receptor up-regulation by cyclosporin A in vascular smooth muscle cells is mediated by superoxide. 2003 , 278, 41685-90	10
974	Olive oil and red wine antioxidant polyphenols inhibit endothelial activation: antiatherogenic properties of Mediterranean diet phytochemicals. 2003 , 23, 622-9	504
973	Methods in Biological Oxidative Stress. 2003 ,	8
972	Protective role of ascorbic acid and alpha-tocopherol on arsenic-induced microsomal dysfunctions. 2003 , 22, 129-36	49
971	Kupffer cell stimulation in the isolated perfused rat liver triggers nuclear factor-kappaB DNA binding activity. 2003 , 8, 341-6	6
970	Immunohistochemical determination of thioredoxin and glutaredoxin distribution in the human cervix, and possible relation to cervical ripening. 2003 , 17, 303-10	16
969	Marked decrease in plasma antioxidants in aged osteoporotic women: results of a cross-sectional study. 2003 , 88, 1523-7	418
968	Metal-Induced Modulation of Redox Cell-Signaling in the Immune System. 2003 , 9, 59-83	3
967	. 2003 , 238, 49-58	4
966	An argument for Vitamin E supplementation in the management of systemic inflammatory response syndrome. 2003 , 19, 99-103	30
965	Fluorogenic Analysis of H ₂ O ₂ in Biological Materials. 2003 , 169-174	2
964	Nuclear factor-kappaB as a therapeutic target in critical care medicine. 2003 , 31, S105-11	152
963	IL-10 increases tissue injury after selective intestinal ischemia/reperfusion. 2003 , 238, 49-58	26
962	Inflammatory reaction without endogenous antioxidant response in Caco-2 cells exposed to iron/ascorbate-mediated lipid peroxidation. 2003 , 285, G898-906	41
961	Inflammatory cells in rat skeletal muscle are elevated after electrically stimulated contractions. 2003 , 94, 876-82	41
960	Induced expression of manganese superoxide dismutase by non-toxic concentrations of oxidized low-density lipoprotein (oxLDL) protects against oxLDL-mediated cytotoxicity. <i>Biochemical Journal</i> , 2003 , 374, 505-11	3.8 29
959	Measurements of Biological Reducing Power by Voltammetric Methods. 2003 ,	1

958	Stress and vascular responses: oxidative stress and endothelial dysfunction in the insulin-resistant state. 2003 , 91, 187-91		23
957	Beta-carotene regulates NF-kappaB DNA-binding activity by a redox mechanism in human leukemia and colon adenocarcinoma cells. 2003 , 133, 381-8		99
956	Effects of Ginkgo biloba extract on cytoprotective factors in rats with duodenal ulcer. 2004 , 10, 560-6		10
955	Utilization of Oxidizable Substrates in Brain. 2004 , 217-254		
954	Metabolic Effects of Antiproliferative Agents. 2004 , 121-142		
953	Apoptosis and mitochondrial dysfunction in lymphocytes of patients with systemic lupus erythematosus. 2004 , 102, 87-114		26
952	A novel hypothesis for thalidomide-induced limb teratogenesis: redox misregulation of the NF-kappaB pathway. 2004 , 6, 1-14		81
951	Replication-incompetent virions of Japanese encephalitis virus trigger neuronal cell death by oxidative stress in a culture system. 2004 , 85, 521-533		47
950	Hydroperoxy fatty acid cycling mediated by mitochondrial uncoupling protein UCP2. 2004 , 279, 53097-102		70
949	Induced oxidative stress and activated expression of manganese superoxide dismutase during hepatitis C virus replication: role of JNK, p38 MAPK and AP-1. <i>Biochemical Journal</i> , 2004 , 378, 919-28	3.8	123
948	The modulating role of nuclear factor-kappaB in the action of alpha7-nicotinic acetylcholine receptor and cross-talk between 5-lipoxygenase and cyclooxygenase-2 in colon cancer growth induced by 4-(N-methyl-N-nitrosamino)-1-(3-pyridyl)-1-butanone. 2004 , 311, 123-30		56
947	Acute exercise activates nuclear factor (NF)-kappaB signaling pathway in rat skeletal muscle. <i>FASEB Journal</i> , 2004 , 18, 1499-506	0.9	222
946	Recent advances in alcoholic liver disease. IV. Dysregulated cytokine metabolism in alcoholic liver disease. 2004 , 287, G497-502		183
945	Dehydroepiandrosterone-sulfate inhibits nuclear factor-kappaB-dependent transcription in hepatocytes, possibly through antioxidant effect. 2004 , 89, 3449-54		50
944	Lipopolysaccharide induces matrix metalloproteinase-9 expression via a mitochondrial reactive oxygen species-p38 kinase-activator protein-1 pathway in Raw 264.7 cells. 2004 , 173, 6973-80		138
943	Mammalian antioxidant defenses are not inducible by H2O2. 2004 , 279, 31157-63		81
942	Activation of transcription factor Nrf-2 and its downstream targets in response to moloney murine leukemia virus ts1-induced thiol depletion and oxidative stress in astrocytes. 2004 , 78, 11926-38		74
941	Characterization of proteins binding to E-box/Ku86 sites and function of Ku86 in transcriptional regulation of the human xanthine oxidoreductase gene. 2004 , 279, 16057-63		19

940	Epicatchin, catechin, and dimeric procyanidins inhibit PMA-induced NF-kappaB activation at multiple steps in Jurkat T cells. <i>FASEB Journal</i> , 2004 , 18, 167-9	0.9	147
939	Effects of acute gamma-hexachlorocyclohexane intoxication in relation to the redox regulation of nuclear factor-kappaB, cytokine gene expression, and liver injury in the rat. 2004 , 6, 471-80		18
938	Blackberry extracts inhibit activating protein 1 activation and cell transformation by perturbing the mitogenic signaling pathway. 2004 , 50, 80-9		28
937	Retinol-induced mdr1 and mdr3 modulation in cultured rat Sertoli cells is attenuated by free radical scavengers. 2004 , 9, 161-5		14
936	Fatty Acids and Mitochondria, Cell Growth and Injury: Broader Implications. 2004 , 143-175		
935	Enhanced antitumor activity of ultrasonic irradiation in the presence of new quinolone antibiotics in vitro. 2004 , 95, 845-9		20
934	PCT-233, a novel modulator of pro- and anti-inflammatory cytokine production. 2004 , 135, 440-7		8
933	Genes induced by a high-oxygen environment in <i>Entamoeba histolytica</i> . 2004 , 133, 187-96		69
932	Alpha-lipoic acid is effective in prevention and treatment of experimental autoimmune encephalomyelitis. 2004 , 148, 146-53		101
931	Replicative senescence: a critical review. <i>Mechanisms of Ageing and Development</i> , 2004 , 125, 827-48	5.6	201
930	Nuclear factor kappa B activation by NADPH oxidases. <i>Mechanisms of Ageing and Development</i> , 2004 , 125, 799-810	5.6	66
929	Cyp1a2 protects against reactive oxygen production in mouse liver microsomes. 2004 , 36, 605-17		42
928	Inflammatory mediator and beta-amyloid (25-35)-induced ceramide generation and iNOS expression are inhibited by vitamin E. 2004 , 37, 325-38		105
927	Transforming growth factor Beta1 induction of tissue inhibitor of metalloproteinases 3 in articular chondrocytes is mediated by reactive oxygen species. 2004 , 37, 196-207		46
926	Genetically altered mice to evaluate glutathione homeostasis in health and disease. 2004 , 37, 1511-26		215
925	Hypoxia/reoxygenation and vitamin C intake influence NO synthesis and antioxidant defenses of neutrophils. 2004 , 37, 1744-55		36
924	The effects of antioxidants on radiation-induced apoptosis pathways in TK6 cells. 2004 , 37, 1648-55		29
923	The p38 pathway partially mediates caspase-3 activation induced by reactive oxygen species in Fanconi anemia C cells. 2004 , 67, 539-46		32

922	Inhibition of lipopolysaccharide-induced expression of inducible nitric oxide synthase and tumor necrosis factor-alpha by 2'-hydroxychalcone derivatives in RAW 264.7 cells. 2004 , 67, 1549-57	77
921	Molecular mechanisms of arsenic carcinogenesis. <i>Molecular and Cellular Biochemistry</i> , 2004 , 255, 57-66	4.2 216
920	Redox control of signal transduction, gene expression and cellular senescence. 2004 , 29, 617-28	94
919	The Involvement of Protein Phosphorylation/Dephosphorylation in the Redox Control of Translation in Cereal Mitochondria. 2004 , 51, 784-789	3
918	Cocaine downregulates the expression of the mitochondrial genome in rat brain. 2004 , 1025, 345-50	29
917	Protective effects of oligomers of grape seed polyphenols against beta-amyloid-induced oxidative cell death. 2004 , 1030, 317-29	66
916	Histological evidence of redox system breakdown caused by superoxide dismutase 1 (SOD1) aggregation is common to SOD1-mutated motor neurons in humans and animal models. 2004 , 107, 149-58	31
915	Oxidative stress induces insulin resistance by activating the nuclear factor-kappa B pathway and disrupting normal subcellular distribution of phosphatidylinositol 3-kinase. 2004 , 47, 794-805	122
914	Hyperglycaemia-induced superoxide production decreases eNOS expression via AP-1 activation in aortic endothelial cells. 2004 , 47, 1727-34	166
913	Oxygen: at the foundation of wound healing--introduction. 2004 , 28, 291-3	42
912	Olive oil and modulation of cell signaling in disease prevention. 2004 , 39, 1223-31	68
911	Combination therapy with vitamins C plus E inhibits survivin and human prostate cancer cell growth. 2004 , 59, 319-27	15
910	Gangliosides activate microglia via protein kinase C and NADPH oxidase. 2004 , 48, 197-206	87
909	The thioredoxin system--from science to clinic. 2004 , 24, 40-89	381
908	Imbalance of antioxidant enzymes in tumor cells and inhibition of proliferation and malignant features by scavenging hydrogen peroxide. 2004 , 39, 103-13	62
907	Effect of 4-hydroxynonenal on antioxidant capacity and apoptosis induction in Jurkat T cells. 2004 , 38, 509-16	22
906	Endogenously generated hydrogen peroxide is required for execution of melphalan-induced apoptosis as well as oxidation and externalization of phosphatidylserine. 2004 , 17, 685-96	14
905	Delayed radioprotection by NFkappaB-mediated induction of Sod2 (MnSOD) in SA-NH tumor cells after exposure to clinically used thiol-containing drugs. 2004 , 162, 536-46	63

904	Invasive potential induced under long-term oxidative stress in mammary epithelial cells. 2004 , 64, 7464-72	174
903	Transforming growth factor β 1 induction of Tissue Inhibitor of Metallo Proteinases 3 in articular chondrocytes is mediated by reactive oxygen species. 2004 ,	
902	Diabetes mellitus and heart failure: basic mechanisms, clinical features, and therapeutic considerations. 2004 , 22, 553-68	37
901	Inflammatory mediator and β myloid (25B5)-induced ceramide generation and iNOS expression are inhibited by vitamin E. 2004 , 37, 325-325	
900	Effect of the oxidative phosphorylation uncoupler 2,4-dinitrophenol on hypoxia-inducible factor-regulated gene expression in bovine blastocysts. 2004 , 16, 665-73	13
899	7. CHEMOKINE AND CYTOKINE REGULATION OF LIVER INJURY. 2004 , 167-205	1
898	Glycoprotein isolated from <i>Ulmus davidiana</i> Nakai inhibits TPA-induced apoptosis through nuclear factor-kappa B in NIH/3T3 cells. 2004 , 146, 159-74	32
897	Effects of acute lindane intoxication and thyroid hormone administration in relation to nuclear factor-kappaB activation, tumor necrosis factor-alpha expression, and Kupffer cell function in the rat. 2004 , 148, 21-8	12
896	Oxidative injury in epilepsy: potential for antioxidant therapy?. 2004 , 4, 541-53	45
895	Mitochondrial dysfunction in T cells of patients with systemic lupus erythematosus. 2004 , 23, 293-313	53
894	Metabolic, antioxidant, nutraceutical, probiotic, and herbal therapies relating to the management of hepatobiliary disorders. 2004 , 34, 67-172, vi	39
893	Organosulfur compounds from alliaceae in the prevention of human pathologies. 2004 , 58, 183-93	73
892	Platelet derived growth factor (PDGF)-induced reactive oxygen species in the lens epithelial cells: the redox signaling. 2004 , 78, 1057-67	57
891	Oxygen sensing and oxidant/redox-related pathways. 2004 , 316, 969-77	100
890	Glutathione depletion impairs myogenic differentiation of murine skeletal muscle C2C12 cells through sustained NF-kappaB activation. <i>American Journal of Pathology</i> , 2004 , 165, 719-28	5.8 78
889	Immune cells: free radicals and antioxidants in sepsis. 2004 , 4, 327-47	237
888	Hypoxia and the regulation of mitogen-activated protein kinases: gene transcription and the assessment of potential pharmacologic therapeutic interventions. 2004 , 4, 1249-85	29
887	Increased CRE-binding activity and tryptophan hydroxylase mRNA expression induced by 3,4-methylenedioxymethamphetamine (MDMA, "ecstasy") in the rat frontal cortex but not in the hippocampus. 2004 , 126, 181-7	20

886	Time response of carboplatin-induced hearing loss in rat. 2004 , 191, 110-8	6
885	Tri-iodothyronine differentially induces Kupffer cell ED1/ED2 subpopulations. 2004 , 25, 183-90	18
884	Melatonin ameliorates renal ischemia/reperfusion injury. 2004 , 116, 242-7	51
883	Sulfur-containing amino acids attenuate the development of liver fibrosis in rats through down-regulation of stellate cell activation. 2004 , 40, 917-25	15
882	Antioxidants effectively prevent oxidation-induced protein damage in OLN 93 cells. 2004 , 421, 54-60	21
881	Cadmium-induced apoptosis through the mitochondrial pathway in rainbow trout hepatocytes: involvement of oxidative stress. 2004 , 69, 247-58	89
880	Reactive oxygen species and synaptic plasticity in the aging hippocampus. 2004 , 3, 431-43	323
879	The chemistry and biochemistry of vanadium and the biological activities exerted by vanadium compounds. 2004 , 104, 849-902	1092
878	Protocols for topical and systemic oxygen treatments in wound healing. 2004 , 381, 575-85	16
877	Combinatorial selection and edited combinatorial selection of phosphorothioate aptamers targeting human nuclear factor-kappaB RelA/p50 and RelA/RelA. 2004 , 43, 9105-15	26
876	Inhibition of insulin signaling by oxidized low density lipoprotein. Protective effect of the antioxidant Vitamin E. 2004 , 175, 23-30	39
875	Intakes of antioxidants in coffee, wine, and vegetables are correlated with plasma carotenoids in humans. 2004 , 134, 562-7	234
874	Highlights of ILSI Functional Foods Meeting. 2004 , 39, 122-127	
873	Peroxide-mediated chromatin remodelling of a nuclear factor kappa B site in the mouse inducible nitric oxide synthase promoter. <i>Biochemical Journal</i> , 2004 , 377, 809-18	3.8 11
872	Pathogenesis of Alzheimer Disease: Metabolic Factors. 2004 , 303-353	
871	Neuronal Energy Metabolism in Brain: Astrocyte as both Metabolic Buffer and Mediator of Neuronal Injury. 2004 , 277-302	
870	Linoleic acid induces interleukin-8 production by Crohn's human intestinal smooth muscle cells via arachidonic acid metabolites. 2004 , 286, G528-37	35
869	Expression of MHC-beta and MCT1 in cardiac muscle after exercise training in myocardial-infarcted rats. 2004 , 97, 843-51	23

868 Nutrient and Energy Metabolism in Cell Proliferation. **2004**, 19-45

867 Could antioxidant supplementation prevent pre-eclampsia?. **2005**, 64, 491-501

24

866 Modulation effect of tea polyphenol toward N-methyl-N'-nitro-N-nitrosoguanidine-induced precancerous gastric lesion in rats. **2005**, 16, 172-7

16

865 Proposed mechanisms for the induction of insulin resistance by oxidative stress. **2005**, 7, 1553-67

270

864 Redox regulation: a broadening horizon. **2005**, 56, 187-220

715

863 Interactions between metabolism of trace metals and xenobiotic agonists of the aryl hydrocarbon receptor in the antarctic fish *Trematomus bernacchii*: environmental perspectives. **2005**, 24, 1475-82

62

862 The thioredoxin system in retroviral infection and apoptosis. **2005**, 12 Suppl 1, 991-8

102

861 Induction of PAI-1 expression by tumor necrosis factor alpha in endothelial cells is mediated by its responsive element located in the 4G/5G site. **2005**, 272, 5821-31

42

860 Activation of AP-1 through reactive oxygen species by angiotensin II in rat cardiomyocytes. **2005**, 39, 1601-10

60

859 Redox-mediated upregulation of hepatocyte iNOS transcription requires coactivator PC4. **2005**, 138, 93-9

4

858 4-Hydroxyestradiol induces oxidative stress and apoptosis in human mammary epithelial cells: possible protection by NF-kappaB and ERK/MAPK. **2005**, 208, 46-56

51

857 Chronic low intake of protein or vitamins increases the intestinal epithelial cell apoptosis in Wistar/NIN rats. **2005**, 21, 949-60

15

856 Arsenic trioxide represses constitutive activation of NF-kappaB and COX-2 expression in human acute myeloid leukemia, HL-60. **2005**, 94, 695-707

38

855 Glucose-6-phosphate dehydrogenase and NADPH-consuming enzymes in the rat olfactory bulb. **2005**, 80, 434-41

6

854 Neutrophils from Brazilian patients with Graves' disease: some biochemical and functional aspects. **2005**, 23, 297-306

6

853 Redox system expression in the motor neurons in amyotrophic lateral sclerosis (ALS): immunohistochemical studies on sporadic ALS, superoxide dismutase 1 (SOD1)-mutated familial ALS, and SOD1-mutated ALS animal models. **2005**, 110, 101-12

45

852 Brain aging phenomena in migrating sockeye salmon *Oncorhynchus nerka nerka*. **2005**, 112, 1177-99

8

851 Interaction of exercise and adenosine receptor agonist and antagonist on rat heart antioxidant defense system. *Molecular and Cellular Biochemistry*, **2005**, 270, 209-14

4.2 18

850	Carcinogenic effect of nickel compounds. <i>Molecular and Cellular Biochemistry</i> , 2005 , 279, 45-67	4.2	160
849	Early histological and functional effects of chronic copper exposure in rat liver. 2005 , 18, 541-51		14
848	The antioxidant role of glutathione and N-acetyl-cysteine supplements and exercise-induced oxidative stress. 2005 , 2, 38-44		284
847	Kinetic study of TNF-alpha production and its regulatory mechanisms in acinar cells during acute pancreatitis induced by bile-pancreatic duct obstruction. 2005 , 206, 9-16		52
846	Vitamin D and the Cellular Response to Oxidative Stress. 2005 , 761-770		4
845	Induction of thioltransferase and thioredoxin/thioredoxin reductase systems in cultured porcine lenses under oxidative stress. 2005 , 46, 3783-9		29
844	Relief from a heavy heart: redox-sensitive NF-kappaB as a therapeutic target in managing cardiac hypertrophy. 2005 , 289, H17-9		15
843	Antioxidant property of an active component purified from the leaves of paraquat-tolerant <i>Rehmannia glutinosa</i> . 2005 , 10, 311-8		36
842	Lung infection with gamma-herpesvirus induces progressive pulmonary fibrosis in Th2-biased mice. 2005 , 289, L711-21		87
841	Sympathetic vesicovascular reflex induced by acute urinary retention evokes proinflammatory and proapoptotic injury in rat liver. 2005 , 288, F1005-14		51
840	Role of free radicals in sepsis: antioxidant therapy. 2005 , 11, 3141-58		140
839	Alterations in activating protein 1 composition correlate with phenotypic differentiation changes induced by resveratrol in human melanoma. 2005 , 67, 298-308		40
838	Nitric oxide in blastocyst implantation in the rhesus monkey. 2005 , 130, 321-32		14
837	Saitohin, which is nested in the tau locus and confers allele-specific susceptibility to several neurodegenerative diseases, interacts with peroxiredoxin 6. 2005 , 280, 39268-72		26
836	Vitamin C enhances chemosensitization of esophageal cancer cells in vitro. 2005 , 17, 539-49		26
835	The effect of alpha-phenyl-N-t-butyl nitron on ionizing radiation-induced apoptosis in U937 cells. 2005 , 39, 1325-33		13
834	Life and death decisions: ceramide generation and EGF receptor trafficking are modulated by oxidative stress. 2005 , 7, 119-28		40
833	Involvement of FAK and PTP-PEST in the regulation of redox-sensitive nuclear-cytoplasmic shuttling of a LIM protein, Hic-5. 2005 , 7, 335-47		25

832	Treatment with {alpha}-phenyl-N-tert-butyl-nitrone, a free radical-trapping agent, abrogates inflammatory cytokine gene expression during alloimmune activation in rat cardiac allografts. 2005 , 312, 774-9	8
831	Alterations in the expression of the apurinic/aprimidinic endonuclease-1/redox factor-1 (APE/Ref-1) in human melanoma and identification of the therapeutic potential of resveratrol as an APE/Ref-1 inhibitor. 2005 , 4, 1923-35	119
830	Abnormal cytokine synthesis as a consequence of increased intracellular oxidative stress in children treated with dialysis. 2005 , 101, c100-8	9
829	Role of oxidative stress in osteoporosis. 2005 , 2, 787-796	64
828	Differentiation of normal and cancer cells induced by sulfhydryl reduction: biochemical and molecular mechanisms. 2005 , 12, 1285-96	43
827	Pyrrolidinedithiocarbamate induces apoptosis in human acute myelogenous leukemic cells affecting NF-kappaB activity. 2005 , 23, 404-12	9
826	Linoleic acid, but not oleic acid, upregulates production of interleukin-8 by human vascular smooth muscle cells via arachidonic acid metabolites under conditions of oxidative stress. 2005 , 12, 593-8	10
825	Free radical scavenger (edaravone) prevents endotoxin-induced liver injury after partial hepatectomy in rats. 2005 , 42, 94-101	69
824	Effects of supplementation with alpha-lipoic acid on exercise-induced activation of coagulation. 2005 , 54, 815-20	1
823	Production of homocysteine in serum-starved apoptotic PC12 cells depends on the activation and modification of Ras. 2005 , 391, 56-61	2
822	NADPH-consuming enzymes correlate with glucose-6-phosphate dehydrogenase in Purkinje cells: an immunohistochemical and enzyme histochemical study of the rat cerebellar cortex. 2005 , 51, 185-97	14
821	Regulation of ionizing radiation-induced apoptosis by a manganese porphyrin complex. 2005 , 334, 298-305	32
820	p40phox: the last NADPH oxidase subunit. 2005 , 35, 291-302	47
819	Effects of ozone on isolated peripheral blood mononuclear cells. 2005 , 19, 55-61	44
818	36 kDa glycoprotein isolated from Rhus verniciflua Stokes fruit has a protective activity to glucose/glucose oxidase-induced apoptosis in NIH/3T3 cells. 2005 , 19, 353-63	24
817	Congulated linoleic acid decreases cellular proliferation and inhibits nuclear factorB and activator protein 1 activation in PC3 cancerous prostate epithelial cells. 2005 , 25, 655-662	7
816	Effect of cyanidin 3-O-beta-glucopyranoside on hepatic stellate cell proliferation and collagen synthesis induced by oxidative stress. 2005 , 37, 342-8	15
815	The mechanistic basis of infarct healing. 2006 , 8, 1907-39	210

814	Oxidative stress : relationship with exercise and training. 2006 , 36, 327-58		426
813	Redox control of neural function: background, mechanisms, and significance. 2006 , 8, 1941-70		75
812	Modulation of transcription factor NF-kappaB in Hodgkin's lymphoma cell lines: effect of (-)-epicatechin. 2006 , 40, 1086-94		30
811	Inhibition of tumour metastasis by targeted delivery of antioxidant enzymes. 2006 , 3, 355-69		31
810	Mechanisms of disease: oxidative stress and inflammation in the pathogenesis of hypertension. 2006 , 2, 582-93		290
809	Uncoupling protein 2 has protective function during experimental autoimmune encephalomyelitis. <i>American Journal of Pathology</i> , 2006 , 168, 1570-5	5.8	63
808	Peroxiredoxin V is essential for protection against apoptosis in human lung carcinoma cells. 2006 , 312, 2806-15		59
807	Glutathione in cancer biology and therapy. 2006 , 43, 143-81		719
806	Nuclear and mitochondrial compartmentation of oxidative stress and redox signaling. 2006 , 46, 215-34		330
805	Investigation of the blood biochemical status of gas station workers. 2006 , 88, 587-594		8
804	Chemopreventive effect of punicalagin, a novel tannin component isolated from <i>Terminalia catappa</i> , on H-ras-transformed NIH3T3 cells. 2006 , 163, 44-53		41
803	Involvement of reactive oxygen species in the immunosuppressive effect of 3-amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1), a food-born carcinogenic heterocyclic amine. 2006 , 164, 37-43		6
802	Effect of N-acetylcysteine on neutrophil activation markers in healthy volunteers: in vivo and in vitro study. 2006 , 53, 216-25		20
801	Low levels of carotenoids and retinol in involutional osteoporosis. 2006 , 38, 244-8		68
800	Inhibitory effect of naringin on lipopolysaccharide (LPS)-induced endotoxin shock in mice and nitric oxide production in RAW 264.7 macrophages. 2006 , 78, 673-81		115
799	Pro-oxidant actions of alpha-lipoic acid and dihydrolipoic acid. 2006 , 66, 110-7		80
798	Beneficial effect of alpha-tocopheryl succinate in rat cardiac transplants. 2006 , 25, 707-15		13
797	Inhibition of ICAM-1 expression by garlic component, allicin, in gamma-irradiated human vascular endothelial cells via downregulation of the JNK signaling pathway. 2006 , 6, 1788-95		43

796	Potential role of estrogen receptor alpha (ERalpha) phosphorylated at Serine118 in human breast cancer in vivo. 2006 , 102, 139-46	36
795	Attenuation of cardiac dysfunction by a PPAR-alpha agonist is associated with down-regulation of redox-regulated transcription factors. 2006 , 41, 318-29	96
794	Clusterin up-regulation following sub-lethal oxidative stress and lipid peroxidation in human neuroblastoma cells. 2006 , 27, 1588-94	24
793	What has been Learned from the Studies of Oxidative Stress-induced Carcinogenesis: Proposal of the Concept of Oxygenomics. 2006 , 39, 3-10	27
792	Thiols in Cancer. 2006 , 307-320	1
791	Essential role of ROS-mediated NFAT activation in TNF-alpha induction by crystalline silica exposure. 2006 , 291, L257-64	41
790	Hematopoiesis and stem cell renewal in long-term bone marrow cultures containing catalase. 2006 , 107, 1837-46	34
789	Free Radicals in Biochemistry and Medicine. 2006 ,	12
788	Vieillissement cutan ^e photo-induit. 2006 , 1, 1-10	2
787	Lipoic acid supplementation prevents cyclosporine-induced hypertension and nephrotoxicity in spontaneously hypertensive rats. 2006 , 24, 947-56	29
786	Developmental therapeutics: review of biologically based complementary and alternative medicine (CAM) therapies for potential application in children with cancer-part II. 2006 , 28, 271-85	9
785	Redox-sensitive modulation of CD45 expression in pancreatic acinar cells during acute pancreatitis. 2006 , 210, 234-9	16
784	Superoxide dismutase in the prostate lobes of aging Brown Norway rats. 2006 , 66, 522-35	8
783	Atrovirone inhibits pro-inflammatory mediator release from murine macrophages and human whole blood. 2006 , 84, 250-8	12
782	Alveolar macrophages and emphysema in surfactant protein-D-deficient mice. 2006 , 11 Suppl, S37-40	35
781	Modulation of the age-related nuclear factor-kappaB (NF-kappaB) pathway by hesperetin. 2006 , 5, 401-11	59
780	Physiological regulation of uteroglobin/CCSP expression. 2000 , 923, 181-92	17
779	Regulation of osteoclast differentiation by the redox-dependent modulation of nuclear import of transcription factors. 2006 , 13, 1138-46	52

778	Mitochondrial membrane potential and reactive oxygen species content of endothelial and smooth muscle cells cultured on poly(epsilon-caprolactone) films. 2006 , 27, 4706-14	40
777	Dietary supplementation of N-acetylcysteine enhances early inflammatory responses during cutaneous wound healing in protein malnourished mice. 2006 , 17, 328-36	27
776	Immunosuppressive effect of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) through the inhibition of T-lymphocyte proliferation and IL-2 production. 2006 , 217, 31-8	11
775	Delayed radioprotection by nuclear transcription factor kappaB-mediated induction of manganese superoxide dismutase in human microvascular endothelial cells after exposure to the free radical scavenger WR1065. 2006 , 40, 1004-16	42
774	Heme oxygenase-1 contributes to the cytoprotection of alpha-lipoic acid via activation of p44/42 mitogen-activated protein kinase in vascular smooth muscle cells. 2006 , 40, 1313-22	38
773	Indomethacin inactivates gastric peroxidase to induce reactive-oxygen-mediated gastric mucosal injury and curcumin protects it by preventing peroxidase inactivation and scavenging reactive oxygen. 2006 , 40, 1397-408	96
772	Cardamonin, inhibits pro-inflammatory mediators in activated RAW 264.7 cells and whole blood. <i>European Journal of Pharmacology</i> , 2006 , 538, 188-94	53 68
771	The contraction induced increase in gene expression of peroxisome proliferator-activated receptor (PPAR)-gamma coactivator 1alpha (PGC-1alpha), mitochondrial uncoupling protein 3 (UCP3) and hexokinase II (HKII) in primary rat skeletal muscle cells is dependent on reactive oxygen species. 2006 , 1763, 969-76	84
770	The thioredoxin system in cancer. 2006 , 16, 420-6	409
769	Inhibition of tumor necrosis factor-alpha-induced expression of adhesion molecules in human endothelial cells by the saponins derived from roots of <i>Platycodon grandiflorum</i> . 2006 , 210, 150-6	34
768	The coffee diterpene kahweol inhibits tumor necrosis factor-alpha-induced expression of cell adhesion molecules in human endothelial cells. 2006 , 217, 332-41	32
767	The enzymes of glutathione synthesis: gamma-glutamylcysteine synthetase. 1999 , 73, 209-67, xii	148
766	Inhibition of oxidative stress-induced invasiveness of cancer cells by <i>Ganoderma lucidum</i> is mediated through the suppression of interleukin-8 secretion. 2006 , 18, 657	4
765	Dietary antioxidants for the athlete. 2006 , 5, 182-6	32
764	Effects of Ginkgo biloba extract on inflammatory mediators (SOD, MDA, TNF-alpha, NF-kappaBp65, IL-6) in TNBS-induced colitis in rats. 2006 , 2006, 92642	80
763	Mechanisms of endothelial response to oxidative aggression: protective role of autologous VEGF and induction of VEGFR2 by H2O2. 2006 , 291, H1395-401	79
762	Possible therapies of septic shock: based on animal studies and clinical trials. 2006 , 12, 3535-41	8
761	Antioxidant supplements improve parameters related to skin structure in humans. 2006 , 19, 224-31	81

760	Poly(ADP-Ribosyl)ation. 2006 ,		6
759	Markers of oxidative stress in placental villi exposed to ethanol. 2006 , 13, 118-21		22
758	Nitric oxide down-regulates the expression of the catalytic NADPH oxidase subunit Nox1 in rat renal mesangial cells. <i>FASEB Journal</i> , 2006 , 20, 139-41	0.9	54
757	Bile acids induce adhesion molecule expression in endothelial cells through activation of reactive oxygen species, NF-kappaB, and p38. 2006 , 291, H741-7		58
756	Neuronal angiotensin II type 1 receptor upregulation in heart failure: activation of activator protein 1 and Jun N-terminal kinase. 2006 , 99, 1004-11		64
755	Activation of the adenosine A3 receptor in RAW 264.7 cells inhibits lipopolysaccharide-stimulated tumor necrosis factor-alpha release by reducing calcium-dependent activation of nuclear factor-kappaB and extracellular signal-regulated kinase 1/2. 2006 , 316, 71-8		89
754	ROS-production-mediated activation of AP-1 but not NFkappaB inhibits glutamate-induced HT4 neuronal cell death. 2006 , 8, 1339-49		22
753	Novel aspects of oxidative stress-associated carcinogenesis. 2006 , 8, 1373-7		80
752	Oxidative stress and mitogen-activated protein kinase phosphorylation mediate ammonia-induced cell swelling and glutamate uptake inhibition in cultured astrocytes. 2006 , 26, 4774-84		175
751	Increased expression of pAKT is associated with radiation resistance in cervical cancer. 2006 , 94, 1678-82		95
750	alpha-Lipoic acid and N-acetyl cysteine prevent zinc deficiency-induced activation of NF-kappaB and AP-1 transcription factors in human neuroblastoma IMR-32 cells. 2006 , 40, 75-84		34
749	Spotlight on renin: intrarenal renin-angiotensin system--important player of the local milieu. 2006 , 7, 122-5		3
748	The anti-inflammatory effects of selenium are mediated through 15-deoxy-Delta12,14-prostaglandin J2 in macrophages. 2007 , 282, 17964-17973		143
747	Suppression of HIV-1 Tat-induced monocyte adhesiveness by a cell-permeable superoxide dismutase in astrocytes. 2007 , 39, 778-86		6
746	Extracellular HIV-1 Tat enhances monocyte adhesion by up-regulation of ICAM-1 and VCAM-1 gene expression via ROS-dependent NF-kappaB activation in astrocytes. 2007 , 39, 27-37		39
745	Cell-surface thioredoxin-1: possible involvement in thiol-mediated leukocyte-endothelial cell interaction through lipid rafts. 2007 , 9, 1427-37		26
744	Interactions between oxidative stress and inflammation in salt-sensitive hypertension. 2007 , 293, H3388-95		77
743	Nanotoxicology. 2007 ,		43

742	Intense physical activity enhances neutrophil antioxidant enzyme gene expression. Immunocytochemistry evidence for catalase secretion. 2007 , 41, 874-83	31
741	Regulation of ionizing radiation-induced apoptosis by mitochondrial NADP+-dependent isocitrate dehydrogenase. 2007 , 282, 13385-94	71
740	Oxidative stress: a bridge between Down's syndrome and Alzheimer's disease. 2007 , 28, 648-76	101
739	Effects of caffeine and coffee consumption on cardiovascular disease and risk factors. 2007 , 3, 203-12	27
738	Differential expression of manganese superoxide dismutase, copper/zinc superoxide dismutase, and catalase in gastric adenocarcinoma and normal gastric mucosa. 2007 , 33, 474-9	41
737	Redox regulation of vitamin C transporter SVCT2 in C2C12 myotubes. 2007 , 361, 385-90	43
736	Glycoprotein isolated from <i>Ulmus davidiana</i> Nakai modulates inflammatory related factors in mouse colonic tissues. 2007 , 23, 234-41	1
735	Antioxidant metabolism of <i>Xenopus laevis</i> embryos during the first days of development. 2007 , 146, 94-100	35
734	N-t-Butyl hydroxylamine regulates ionizing radiation-induced apoptosis in U937 cells. 2007 , 89, 1509-16	5
733	UDN glycoprotein regulates activities of manganese-superoxide dismutase, activator protein-1, and nuclear factor-kappaB stimulated by reactive oxygen radicals in lipopolysaccharide-stimulated HCT-116 cells. 2007 , 254, 274-87	23
732	Regulatory role of vitamins E and C on extracellular matrix components of the vascular system. 2007 , 28, 507-37	42
731	NF-kappaB signaling pathway, not IFN-beta/STAT1, is responsible for the selenium suppression of LPS-induced nitric oxide production. 2007 , 7, 1192-8	26
730	The antioxidant role of coenzyme Q. 2007 , 7 Suppl, S41-50	336
729	Physical activity in prevention and treatment of the metabolic syndrome. 2007 , 32, 76-88	287
728	Alpha-lipoic acid: physiologic mechanisms and indications for the treatment of metabolic syndrome. 2007 , 16, 291-302	32
727	Angiotensin II cell signaling: physiological and pathological effects in the cardiovascular system. 2007 , 292, C82-97	1369
726	Exercise training normalizes sympathetic outflow by central antioxidant mechanisms in rabbits with pacing-induced chronic heart failure. 2007 , 115, 3095-102	117
725	Invecchiamento cutaneo fotoindotto. 2007 , 4, 1-10	

724	The effect of oxidative stress on macrophages and lung epithelial cells: the role of phosphodiesterases 1 and 4. 2007 , 168, 1-6	43
723	An Investigation of Glutathione-Platinum(II) Interactions by Means of the Flow Injection Analysis Using Glassy Carbon Electrode. 2007 , 7, 1256-1270	18
722	Antioxidant and chemosensitizing effects of flavonoids with hydroxy and/or methoxy groups and structure-activity relationship. 2007 , 10, 537-46	57
721	Pea seedling histaminase as a novel therapeutic approach to anaphylactic and inflammatory disorders. A plant histaminase in allergic asthma and ischemic shock. 2007 , 7, 888-902	10
720	Vasculoprotective potential of olive oil components. 2007 , 51, 1225-34	73
719	A reducing redox environment promotes C2C12 myogenesis: implications for regeneration in aged muscle. 2007 , 31, 546-53	71
718	Bicarbonate-catalyzed hydrogen peroxide oxidation of cysteine and related thiols. 2007 , 360, 3971-3977	59
717	Lycopene inhibits matrix metalloproteinase-9 expression and down-regulates the binding activity of nuclear factor-kappa B and stimulatory protein-1. 2007 , 18, 449-56	108
716	NF-kappaB activation by combinations of NEMO SUMOylation and ATM activation stresses in the absence of DNA damage. 2007 , 26, 641-51	67
715	Oxygen-dependent differentiation of human keratinocytes. 2007 , 127, 354-61	37
714	Regulation of UVB-induced IL-8 and MCP-1 production in skin keratinocytes by increasing vitamin C uptake via the redistribution of SVCT-1 from the cytosol to the membrane. 2007 , 127, 698-706	53
713	Redox regulation of hepatocyte apoptosis. 2007 , 22 Suppl 1, S38-42	47
712	Extrapankreatic organ impairment during acute pancreatitis induced by bile-pancreatic duct obstruction. Effect of N-acetylcysteine. 2007 , 88, 343-9	11
711	Mitochondrial dysfunction, oxidative stress, regulation of exocytosis and their relevance to neurodegenerative diseases. 2008 , 104, 298-305	98
710	Effect of exogenous administration of melatonin and growth hormone on pro-antioxidant functions of the liver in aging male rats. 2007 , 42, 64-70	31
709	Melatonin protects against oxidative damage and restores expression of GLUT4 gene in the hyperthyroid rat heart. 2007 , 42, 71-82	72
708	MnTBAP, a synthetic metalloporphyrin, inhibits production of tumor necrosis factor-alpha in lipopolysaccharide-stimulated RAW 264.7 macrophages cells via inhibiting oxidative stress-mediating p38 and SAPK/JNK signaling. 2007 , 49, 304-11	7
707	Tumour necrotizing factor-alpha promoter and GST-T1 genotype predict skin allergy to chromate in cement workers in Taiwan. 2007 , 57, 309-15	33

706	ELICITATION OF THE PROLINE-LINKED PENTOSE PHOSPHATE PATHWAY METABOLITES AND ANTIOXIDANT ENZYME RESPONSE BY ASCORBIC ACID IN DARK GERMINATED FAVA BEAN SPROUTS. 2007 , 31, 485-508	12
705	Pathological investigation of oxidative stress in the post-genomic era. 2007 , 57, 461-73	34
704	Effects of iron loading on muscle: genome-wide mRNA expression profiling in the mouse. 2007 , 8, 379	35
703	YS 51, 1-(beta-naphtylmethyl)-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline, protects endothelial cells against hydrogen peroxide-induced injury via carbon monoxide derived from heme oxygenase-1. 2007 , 74, 1361-70	23
702	Oxalomalate regulates ionizing radiation-induced apoptosis in mice. 2007 , 42, 44-51	18
701	Identification of JWA as a novel functional gene responsive to environmental oxidative stress induced by benzo[a]pyrene and hydrogen peroxide. 2007 , 42, 1704-14	39
700	Antioxidant signaling in skeletal muscle: a brief review. 2007 , 42, 582-93	126
699	The Mitochondrion: An Integration Point of Cellular Metabolism and Signalling. 2007 , 26, 17-43	81
698	Novel pharmacological approaches to the treatment of renal ischemia-reperfusion injury: a comprehensive review. 2007 , 376, 1-43	149
697	Keeping the engine primed: HIF factors as key regulators of cardiac metabolism and angiogenesis during ischemia. 2007 , 85, 1309-15	89
696	Oxidized fat induces oxidative stress but has no effect on NF-kappaB-mediated proinflammatory gene transcription in porcine intestinal epithelial cells. 2007 , 56, 118-25	42
695	UDN glycoprotein inhibits activator protein-1 and matrix metalloproteinase-9 via blocking of oxygen radicals in HT-29 cells. <i>Molecular and Cellular Biochemistry</i> , 2007 , 304, 13-23	4.2 7
694	New concepts in the mechanism of ammonia-induced astrocyte swelling. 2007 , 22, 219-34	134
693	Alterations in selenium status influences reproductive potential of male mice by modulation of transcription factor NFkappaB. 2007 , 20, 49-59	31
692	Effect of chronic treatments with GH, melatonin, estrogens, and phytoestrogens on oxidative stress parameters in liver from aged female rats. 2007 , 8, 469-82	34
691	L-methionine as immune supportive supplement: a clinical evaluation. 2007 , 33, 157-63	16
690	Essential metal status, prooxidant/antioxidant effects of MiADMSA in male rats: age-related effects. 2007 , 120, 235-47	17
689	Antioxidant metabolism in <i>Xenopus laevis</i> embryos is affected by stratospheric balloon flight. 2007 , 31, 716-23	4

688	Upregulation of AP1 by tertiary butyl hydroperoxide induced oxidative stress and subsequent effect on spermatogenesis in mice testis. <i>Molecular and Cellular Biochemistry</i> , 2008 , 308, 177-81	4.2	16
687	Effect of vitamin C and lipoic acid on streptozotocin-induced diabetes gene expression: mRNA and protein expressions of Cu-Zn SOD and catalase. <i>Molecular and Cellular Biochemistry</i> , 2008 , 309, 109-16	4.2	57
686	Elevated oxidative stress and DNA damage and repair levels in urinary bladder carcinomas associated with schistosomiasis. 2008 , 123, 601-8		36
685	Molecular mechanisms of oxidative stress-induced carcinogenesis: from epidemiology to oxygenomics. 2008 , 60, 441-7		121
684	NAD ⁺ /NADH and NADP ⁺ /NADPH in cellular functions and cell death: regulation and biological consequences. 2008 , 10, 179-206		963
683	Protein carbonylation as a novel mechanism in redox signaling. 2008 , 102, 310-8		144
682	Lesions of the mitochondrial genome and ways of its preservation. 2008 , 44, 373-388		1
681	Neuroprotective effect of hydrogen peroxide on an in vitro model of brain ischaemia. 2008 , 153, 1022-9		31
680	Preventive effects of edaravone, a free radical scavenger, on lipopolysaccharide-induced lung injury in mice. 2008 , 13, 646-53		25
679	Effect of temperature-induced reactive oxygen species production on excitation-contraction coupling in mammalian skeletal muscle. 2008 , 35, 1482-7		13
678	The regulation of OLFM4 expression in myeloid precursor cells relies on NF-kappaB transcription factor. 2008 , 143, 421-32		39
677	Transcriptomic profiles of <i>Drosophila melanogaster</i> third instar larval midgut and responses to oxidative stress. 2008 , 17, 325-39		82
676	Redox regulation of the VEGF signaling path and tissue vascularization: Hydrogen peroxide, the common link between physical exercise and cutaneous wound healing. 2008 , 44, 180-92		57
675	Modulation of skeletal muscle antioxidant defense by exercise: Role of redox signaling. 2008 , 44, 142-52		209
674	Exercise and immobilization in aging animals: the involvement of oxidative stress and NF-kappaB activation. 2008 , 44, 202-14		96
673	Nonequilibrium thermodynamics of thiol/disulfide redox systems: a perspective on redox systems biology. 2008 , 44, 921-37		443
672	Protective effects of peroxiredoxin-1 at the injured blood-brain barrier. 2008 , 45, 256-64		27
671	Endurance training without weight loss lowers systemic, but not muscle, oxidative stress with no effect on inflammation in lean and obese women. 2008 , 45, 503-11		82

670	Nasturtium officinale reduces oxidative stress and enhances antioxidant capacity in hypercholesterolaemic rats. 2008 , 172, 176-84			107
669	Endothelin-1 induces glut1 transcription through enhanced interaction between Sp1 and NF-kappaB transcription factors. 2008 , 20, 771-8			18
668	Radicicol but not geldanamycin evokes oxidative stress response and efflux protein inhibition in ARPE-19 human retinal pigment epithelial cells. <i>European Journal of Pharmacology</i> , 2008 , 584, 229-36	5.3		20
667	Ikariside A inhibits inducible nitric oxide synthase in lipopolysaccharide-stimulated RAW 264.7 cells via p38 kinase and nuclear factor-kappaB signaling pathways. <i>European Journal of Pharmacology</i> , 2008 , 601, 171-8	5.3		50
666	Plasma-arc generated light inhibits proliferation and induces apoptosis of human gingival fibroblasts in a dose-dependent manner. 2008 , 24, 1036-42			11
665	Pro-survival effects of repetitive low-grade oxidative stress are inhibited by simultaneous exposure to Resveratrol. 2008 , 58, 281-9			10
664	The Nucleus. 2008 ,			
663	Current status and future prospects in the search for protein biomarkers of immunosenescence. 2008 , 5, 561-9			2
662	Oxidants in Biology. 2008 ,			6
661	IL-8 production and AP-1 transactivation induced by UVA in human keratinocytes: roles of D-alpha-tocopherol. 2008 , 45, 2288-96			31
660	Retinoic acid induces apoptosis by a non-classical mechanism of ERK1/2 activation. 2008 , 22, 1205-12			26
659	Reactive oxygen species in tumor metastasis. 2008 , 266, 53-9			276
658	Studies on cytotoxic, hydroxyl radical scavenging and topoisomerase inhibitory activities of extracts of <i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. and Schult. 2008 , 46, 2922-7			12
657	Redox signals in wound healing. 2008 , 1780, 1348-61			206
656	Redox compartmentalization in eukaryotic cells. 2008 , 1780, 1273-90			456
655	Chloramphenicol influence on antioxidant enzymes with preliminary approach on microsomal CYP1A immunopositive-protein in <i>Chamelea gallina</i> . 2008 , 73, 272-80			4
654	The immune system and cardiac repair. 2008 , 58, 88-111			491
653	Silencing of Ref-1 expression by retrovirus-mediated shRNA sensitizes HEK293 cells to hydrogen peroxide-induced apoptosis. 2008 , 72, 3206-10			8

652	Potential cytoprotection: antioxidant defence by caffeic acid phenethyl ester against free radical-induced damage of lipids, DNA, and proteins. 2008 , 86, 279-87	38
651	Protein tyrosine phosphorylation and protein tyrosine nitration in redox signaling. 2008 , 10, 843-89	129
650	Identification of proteins binding to E-Box/Ku86 sites and function of the tumor suppressor SAFB1 in transcriptional regulation of the human xanthine oxidoreductase gene. 2008 , 283, 29681-9	23
649	Angiogenesis. 2008 ,	25
648	The role of oxidative stress in hemolytic anemia. 2008 , 8, 609-19	187
647	Anandamide inhibits cholangiocyte hyperplastic proliferation via activation of thioredoxin 1/redox factor 1 and AP-1 activation. 2008 , 294, G506-19	43
646	Cross-talk between cytokines and renin-angiotensin in hypothalamic paraventricular nucleus in heart failure: role of nuclear factor-kappaB. 2008 , 79, 671-8	98
645	Upregulation of estrogen receptor alpha and mediation of 17beta-estradiol vasoprotective effects via estrogen receptor alpha in basilar arteries in rats after experimental subarachnoid hemorrhage. 2008 , 109, 92-9	12
644	Plant histaminase as an investigational drug in splanchnic artery occlusion and reperfusion. 2008 , 17, 1151-60	
643	Exercise-induced oxidative stress: cellular mechanisms and impact on muscle force production. 2008 , 88, 1243-76	1462
642	Effects of green tea on insulin sensitivity, lipid profile and expression of PPARalpha and PPARgamma and their target genes in obese dogs. 2008 , 99, 1208-16	56
641	Modulation of lymphocyte proliferation by antioxidants in chronic beryllium disease. 2008 , 177, 1002-11	14
640	High vitamin C intake is associated with lower 4-year bone loss in elderly men. 2008 , 138, 1931-8	67
639	Nutritional Supplements and Functional Foods. 2008 , 11-35	1
638	Oxidative metabolic changes in pleural fluid of tuberculosis patients. 2008 , 4,	
637	Oxidative stress-induced cell cycle blockage and a protease-independent programmed cell death in microaerophilic <i>Giardia lamblia</i> . 2009 , 3, 103-10	21
636	The depletion of nuclear glutathione impairs cell proliferation in 3t3 fibroblasts. 2009 , 4, e6413	77
635	Lycopene effects contributing to prostate health. 2009 , 61, 775-83	44

634	Anti-inflammatory effect of <i>Gastrodia elata</i> rhizome in human umbilical vein endothelial cells. 2009 , 37, 395-406		41
633	Differential regulation of inducible nitric oxide synthase and cyclooxygenase-2 expression by superoxide dismutase in lipopolysaccharide stimulated RAW 264.7 cells. 2009 , 41, 629-37		29
632	Antioxidant effects of natural bioactive compounds. 2009 , 15, 3063-73		110
631	Watching the watcher: regulation of p53 by mitochondria. 2009 , 5, 117-30		53
630	The regulation of NADPH oxidase and its association with cell proliferation in human lens epithelial cells. 2009 , 50, 2291-300		26
629	Inverse association of carotenoid intakes with 4-y change in bone mineral density in elderly men and women: the Framingham Osteoporosis Study. 2009 , 89, 416-24		95
628	Protecting effect of vitamin E supplementation on submaximal exercise-induced oxidative stress in sedentary dogs as assessed by erythrocyte membrane fluidity and paraoxonase-1 activity. 2009 , 181, 288-95		22
627	Effect of <i>Zanthoxylum schinifolium</i> on TNF-alpha-induced vascular inflammation in human umbilical vein endothelial cells. 2009 , 50, 200-7		37
626	Manipulations of metallothionein gene dose accelerate the response to <i>Listeria monocytogenes</i> . 2009 , 181, 243-53		12
625	Curcumin reduces oxidative and nitrative DNA damage through balancing of oxidant-antioxidant status in hamsters infected with <i>Opisthorchis viverrini</i> . 2009 , 53, 1316-28		51
624	Activation of JNK and c-Jun is involved in glucose oxidase-mediated cell death of human lymphoma cells. 2009 , 28, 545-51		11
623	Genomic and proteomic profiling of oxidative stress response in human diploid fibroblasts. 2009 , 10, 125-51		12
622	Gene expressions of Mn-SOD and GPx-1 in streptozotocin-induced diabetes: effect of antioxidants. <i>Molecular and Cellular Biochemistry</i> , 2009 , 327, 127-34	4.2	37
621	Apoptosis induced by modulation in selenium status involves p38 MAPK and ROS: implications in spermatogenesis. <i>Molecular and Cellular Biochemistry</i> , 2009 , 330, 83-95	4.2	38
620	Circulating levels of cell adhesion molecules in hypertension. 2009 , 24, 388-97		22
619	Protective effect of total and supplemental vitamin C intake on the risk of hip fracture--a 17-year follow-up from the Framingham Osteoporosis Study. 2009 , 20, 1853-61		84
618	The use of neem for controlling gastric hyperacidity and ulcer. 2009 , 23, 747-55		31
617	Wound healing essentials: let there be oxygen. 2009 , 17, 1-18		426

616	A kinetic study of the electrocatalytic oxidation of reduced glutathione at Prussian blue film-modified electrode using rotating-disc electrode voltammetry. 2009 , 54, 7374-7381	12
615	Oxidative stress, DNA damage and antioxidant enzyme gene expression in the Pacific white shrimp, <i>Litopenaeus vannamei</i> when exposed to acute pH stress. 2009 , 150, 428-35	93
614	A theoretical antioxidant pharmacophore for resveratrol. 2009 , 44, 1644-9	132
613	Adaptation to oxidative stress, chemoresistance, and cell survival. 2009 , 11, 2701-16	165
612	Role of reactive oxygen species in low level light therapy. 2009 ,	14
611	Catalase delivery for inhibiting ROS-mediated tissue injury and tumor metastasis. 2009 , 61, 319-26	121
610	Protective effect of total carotenoid and lycopene intake on the risk of hip fracture: a 17-year follow-up from the Framingham Osteoporosis Study. 2009 , 24, 1086-94	91
609	Mitochondrial-driven ubiquinone enhances extracellular calcium-dependent nitric oxide production and reduces glycochenodeoxycholic acid-induced cell death in hepatocytes. 2009 , 22, 1984-91	8
608	ZPDC glycoprotein inhibits inflammation-related cytokine and protein via nuclear factor-kappa B in dextran sulfate sodium-stimulated ICR mouse. 2009 , 63, 528-36	3
607	Resveratrol enhances ultraviolet B-induced cell death through nuclear factor-kappaB pathway in human epidermoid carcinoma A431 cells. 2009 , 384, 215-20	39
606	Oxidative stress of silica nanoparticles in human bronchial epithelial cell, Beas-2B. 2009 , 23, 1326-32	160
605	Inhibition of arachidonic acid metabolism and its implication on cell proliferation and tumour-angiogenesis. 2009 , 9, 701-15	116
604	Enrichment of sugar content in melon fruits by hydrogen peroxide treatment. 2009 , 166, 569-78	52
603	Aging: central role for autophagy and the lysosomal degradative system. 2009 , 8, 199-213	180
602	Oxidative stress of CeO ₂ nanoparticles via p38-Nrf-2 signaling pathway in human bronchial epithelial cell, Beas-2B. 2009 , 187, 77-83	206
601	Cell Death and Apoptosis. 2009 ,	
600	Effect of chronic antioxidant therapy with superoxide dismutase-mimetic drug, tempol, on progression of renal disease in rats with renal mass reduction. 2009 , 112, e31-42	25
599	Mitochondrial manganese superoxide dismutase mRNA expression in human chorioamniotic membranes and its association with labor, inflammation, and infection. 2009 , 22, 1000-13	33

598	Positive and negative regulation of insulin signaling by reactive oxygen and nitrogen species. 2009 , 89, 27-71	388
597	Glutamine attenuates tubular cell apoptosis in acute kidney injury via inhibition of the c-Jun N-terminal kinase phosphorylation of 14-3-3. 2009 , 37, 2033-44	60
596	Anti-proliferative compounds for the prevention of restenosis. 2010 , 16, 3989-4001	8
595	Thromboembolic events in patients treated with anti-angiogenic drugs. 2010 , 8, 102-13	30
594	Antioxidant supplementation does not alter endurance training adaptation. 2010 , 42, 1388-95	128
593	Paraoxonase activity in athletic adolescents. 2010 , 22, 93-104	19
592	Effect of alpha-lipoic acid on 3T3 and 3T3-SV40 fibroblasts: Comparison with N-acetylcysteine. 2010 , 4, 185-191	1
591	Protective effects of bilberry (<i>Vaccinium myrtillus</i> L.) extract against endotoxin-induced uveitis in mice. 2010 , 58, 4731-6	29
590	Towards a unifying, systems biology understanding of large-scale cellular death and destruction caused by poorly liganded iron: Parkinson's, Huntington's, Alzheimer's, prions, bactericides, chemical toxicology and others as examples. 2010 , 84, 825-89	292
589	p66Shc--a longevity redox protein in human prostate cancer progression and metastasis : p66Shc in cancer progression and metastasis. 2010 , 29, 207-22	39
588	Ascorbic acid reverses valproic acid-induced inhibition of hoxa2 and maintains glutathione homeostasis in mouse embryos in culture. 2010 , 30, 137-48	37
587	Redox regulation of Nox proteins. 2010 , 174, 265-71	84
586	Calcium-dependent nitric oxide production is involved in the cytoprotective properties of n-acetylcysteine in glycochenodeoxycholic acid-induced cell death in hepatocytes. 2010 , 242, 165-72	5
585	Disruption of human plasma cell differentiation by an environmental polycyclic aromatic hydrocarbon: a mechanistic immunotoxicological study. 2010 , 9, 15	19
584	Expression of hepatic antioxidant genes in l-thyroxine-induced hyperthyroid rats: regulation by vitamin E and curcumin. 2010 , 183, 304-16	50
583	Nicotine- and caffeine-mediated changes in gene expression patterns of MPTP-lesioned mouse striatum: Implications in neuroprotection mechanism. 2010 , 185, 81-93	27
582	Cerium oxide nanoparticles protect gastrointestinal epithelium from radiation-induced damage by reduction of reactive oxygen species and upregulation of superoxide dismutase 2. 2010 , 6, 698-705	280
581	Gardenia jasminoides inhibits tumor necrosis factor-alpha-induced vascular inflammation in endothelial cells. 2010 , 24 Suppl 2, S214-9	10

580	N-acetylcysteine inhibits chromium hypersensitivity in adjuvant chromium-sensitized albino guinea pigs by suppressing the effects of reactive oxygen species. 2010 , 19, e191-200		19
579	Redox regulation in skeletal muscle during contractile activity and aging. 2010 , 88, 1307-13		23
578	JNK1 and IKKbeta: molecular links between obesity and metabolic dysfunction. <i>FASEB Journal</i> , 2010 , 24, 2596-611	0.9	252
577	Metabolic network topology reveals transcriptional regulatory signatures of type 2 diabetes. 2010 , 6, e1000729		66
576	Health aspects of oxidized dietary fats. 2010 , 143-180		6
575	Effect of coffee on chemical hepatocarcinogenesis in rats. 2010 , 62, 336-42		10
574	Epidermal growth factor-like domain 7 suppresses intercellular adhesion molecule 1 expression in response to hypoxia/reoxygenation injury in human coronary artery endothelial cells. 2010 , 122, S156-61		23
573	The role of Nrf2 and MAPK pathways in PFOS-induced oxidative stress in zebrafish embryos. 2010 , 115, 391-400		201
572	Attenuation of renal excretory responses to ANG II during inhibition of superoxide dismutase in anesthetized rats. 2010 , 298, F401-7		3
571	Involvement of nitric oxide in a rat model of carrageenin-induced pleurisy. 2010 , 2010, 682879		17
570	Reactive oxygen species generated by renal ischemia and reperfusion trigger protection against subsequent renal ischemia and reperfusion injury in mice. 2010 , 298, F158-66		68
569	Modification in oxidative stress, inflammation, and lipoprotein assembly in response to hepatocyte nuclear factor 4alpha knockdown in intestinal epithelial cells. 2010 , 285, 40448-60		41
568	Modulation of gene expression and tumor cell growth by redox modification of STAT3. 2010 , 70, 8222-32		103
567	Redox control of asthma: molecular mechanisms and therapeutic opportunities. 2010 , 12, 93-124		169
566	Dietary Supplements, Cholesterol and Cardiovascular Disease. 2010 , 227-247		1
565	Lung injury and cancer: Mechanistic insights into ceramide and EGFR signaling under cigarette smoke. 2010 , 43, 259-68		62
564	Role of glutathione in cell nucleus. 2010 , 44, 721-33		43
563	Simultaneous detection of pro- and antioxidative effects in the variants of the deoxyribose degradation assay. 2010 , 58, 2088-94		35

562	Fasting status and thermally oxidized sunflower oil ingestion affect the intestinal antioxidant enzyme activity and gene expression of male Wistar rats. 2010 , 58, 2498-504	21
561	Reactive Oxygen Species-Dependent c-Fos/Activator Protein 1 Induction Upregulates Heme Oxygenase-1 Expression by Bradykinin in Brain Astrocytes. 2010 , 13, 1829-44	56
560	Neuroprotective multifunctional iron chelators: from redox-sensitive process to novel therapeutic opportunities. 2010 , 13, 919-49	69
559	Cellular metabolic stress: considering how cells respond to nutrient excess. 2010 , 40, 323-32	348
558	Residual factor VIII-like cofactor activity of thioredoxin and related oxidoreductases. 2010 , 1800, 398-404	2
557	Induction of peroxiredoxin I gene expression by LPS involves the Src/PI3K/JNK signalling pathway. 2010 , 1799, 402-10	22
556	Hexavalent chromium induced ROS formation, Akt, NF-kappaB, and MAPK activation, and TNF-alpha and IL-1alpha production in keratinocytes. 2010 , 198, 216-24	50
555	Effect of gamma-glutamylcysteine ethylester on the levels of c-fos mRNA expression, glutathione and reactive oxygen species formation in kainic acid excitotoxicity. 2010 , 62, 1010-7	8
554	Oxidants and Endothelial Dysfunction. 2010 , 243-274	4
553	Actividad física y estrés oxidativo. 2010 , 45, 31-40	1
552	A thioredoxin response to the WSSV challenge on the Chinese white shrimp, Fenneropenaeus chinensis. 2010 , 151, 92-8	19
551	Low-level laser therapy associated to N-acetylcysteine lowers macrophage inflammatory protein-2 (MIP-2) mRNA expression and generation of intracellular reactive oxygen species in alveolar macrophages. 2010 , 28, 763-71	26
550	Effect of prostaglandin E1 on TNF-induced vascular inflammation in human umbilical vein endothelial cells. 2010 , 88, 576-83	15
549	Protective role of cytosolic NADP(+)-dependent isocitrate dehydrogenase, IDH1, in ischemic pre-conditioned kidney in mice. 2011 , 45, 759-66	15
548	Regulation of thyroid oxidative state by thioredoxin reductase has a crucial role in thyroid responses to iodide excess. 2011 , 25, 1924-35	42
547	Inflammation, immunity, and hypertension. 2011 , 57, 132-40	565
546	Prolonged fasting increases glutathione biosynthesis in postweaned northern elephant seals. 2011 , 214, 1294-9	47
545	Inflammation and Atrial Fibrillation. 2011 , 27, 106-115	2

544	Monitoring of Cellular Dynamics with Electrochemical Detection Techniques. 2011 , 1-104	3
543	Effect of Persimmon Leaf Extract on Ultraviolet B-induced Inflammation in HaCaT Keratinocytes and Mice. 2011 , 54, 583-590	8
542	Favorable effect of short-term lifestyle intervention on human paraoxonase-1 activity and adipokine levels in childhood obesity. 2011 , 30, 333-9	16
541	Effect of polyphenols on oxidative stress and mitochondrial dysfunction in neuronal death and brain edema in cerebral ischemia. 2011 , 12, 8181-207	45
540	Reactive oxygen species: impact on skeletal muscle. 2011 , 1, 941-69	236
539	[Dietary flavonoids and human health]. 2011 , 69, 78-90	27
538	Activin receptor-like kinase and the insulin gene. 2011 , 85, 1-27	7
537	In vitro and in vivo studies on antitumor effects of gossypol on human stomach adenocarcinoma (AGS) cell line and MNNG induced experimental gastric cancer. 2011 , 411, 661-6	12
536	Bioactivities of water-soluble polysaccharides from Jisongrong mushroom: anti-breast carcinoma cell and antioxidant potential. 2011 , 48, 1-4	26
535	Age-associated neurodegeneration and oxidative damage to lipids, proteins and DNA. 2011 , 32, 305-15	154
534	Oxidative stress and prevention of the adaptive response to chronic iron overload in the brain of young adult rats exposed to a 150 kilohertz electromagnetic field. 2011 , 186, 39-47	24
533	The Nuclear Compartmentation of Glutathione: Effect on Cell Cycle Progression. 2011 ,	1
532	SOD1 Transcriptional and Posttranscriptional Regulation and Its Potential Implications in ALS. 2011 , 2011, 458427	73
531	Angiotensin II induces NF- κ B, JNK and p38 MAPK activation in monocytic cells and increases matrix metalloproteinase-9 expression in a PKC- and Rho kinase-dependent manner. 2011 , 44, 193-9	14
530	Protective effects of thioredoxin-mediated p53 activation in response to mild hyperthermia. 2012 , 27, 650-6	4
529	Tumor necrosis factor- α -nuclear factor- κ B-signaling enhances St2b2 expression during 12-O-tetradecanoylphorbol-13-acetate-induced epidermal hyperplasia. 2011 , 34, 183-90	5
528	Dietary glutamine supplementation improves tissue antioxidant status and serum non-specific immunity of juvenile Hybrid sturgeon (<i>Acipenser schrenckii</i> \times <i>Huso dauricus</i>). 2011 , 27, 715-720	29
527	Reactive oxygen species mediate arsenic induced cell transformation and tumorigenesis through Wnt/ β -catenin pathway in human colorectal adenocarcinoma DLD1 cells. 2011 , 256, 114-21	44

526	An OGG1 polymorphism is associated with mitochondrial DNA content in pesticide-exposed fruit growers. 2011 , 287, 8-14		4
525	Effects of baicalein and wogonin isolated from <i>Scutellaria baicalensis</i> roots on skin damage in acute UVB-irradiated hairless mice. <i>European Journal of Pharmacology</i> , 2011 , 661, 124-32	53	45
524	Cellular prion protein (PrP(C)) and superoxide dismutase (SOD) in vascular cells under oxidative stress. 2011 , 63, 229-36		15
523	Hemoglobin attenuates the effects of inspired oxygen on plasma isofurans in humans during upper-limb surgery. 2011 , 51, 1235-9		7
522	Astaxanthin inhibits tumor invasion by decreasing extracellular matrix production and induces apoptosis in experimental rat colon carcinogenesis by modulating the expressions of ERK-2, NFkB and COX-2. 2011 , 29, 207-24		121
521	Alterations in the expression of genes related to NF-B signaling in liver and kidney of CuZnSOD-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2011 , 353, 151-7	42	7
520	Dietary oxidized fat activates the oxidative stress-responsive transcription factors NF-B and Nrf2 in intestinal mucosa of mice. 2011 , 50, 601-9		24
519	Iron-chelating backbone coupled with monoamine oxidase inhibitory moiety as novel pluripotential therapeutic agents for Alzheimer's disease: a tribute to Moussa Youdim. 2011 , 118, 479-92		42
518	Age-related oxidative decline of mitochondrial functions in rat brain is prevented by long term oral antioxidant supplementation. 2011 , 12, 119-31		24
517	P38-Nrf-2 signaling pathway of oxidative stress in mice caused by nanoparticulate TiO ₂ . 2011 , 140, 186-97		70
516	Down-regulation of tumor-associated NADH oxidase, tNOX (ENOX2), enhances capsaicin-induced inhibition of gastric cancer cell growth. 2011 , 61, 355-66		35
515	Differential transcriptomic profiles effected by oil palm phenolics indicate novel health outcomes. 2011 , 12, 432		16
514	Hydroxyl Radical and Hydrogen Peroxide are Primarily Responsible for Dielectric Barrier Discharge Plasma-Induced Angiogenesis. 2011 , 8, 1154-1164		66
513	5-Hydroxymethylfurfural from black garlic extract prevents TNF-induced monocytic cell adhesion to HUVECs by suppression of vascular cell adhesion molecule-1 expression, reactive oxygen species generation and NF-B activation. 2011 , 25, 965-74		48
512	Toxicity induced by cumene hydroperoxide in PC12 cells: protective role of thiol donors. 2011 , 25, 205-15		13
511	The effect of acute hyperoxia in vivo on NF kappa B expression in human PBMC. 2011 , 29, 71-3		6
510	Analysis of the effects of iron and vitamin C co-supplementation on oxidative damage, antioxidant response and inflammation in THP-1 macrophages. 2011 , 44, 873-83		12
509	Direct electrochemistry and electrocatalysis of reduced glutathione on CNFs-PDDA/PB nanocomposite film modified ITO electrode for biosensors. 2011 , 83, 347-54		19

508	Studies on Experimental Models. 2011 ,		
507	Disturbances in the glutathione/ophthalmate redox buffer system in the woodchuck model of hepatitis virus-induced hepatocellular carcinoma. 2011 , 2011, 789323	4	
506	Research of Female Elite Speed Skaters' Blood Serum Anti-Oxidized Ability before Competition. 2011 , 480-481, 26-29		
505	Studies on Renal Disorders. 2011 ,	3	
504	Protective effects of decursin and decursinol angelate against amyloid β protein-induced oxidative stress in the PC12 cell line: the role of Nrf2 and antioxidant enzymes. 2011 , 75, 434-42	54	
503	Oxidants and antioxidants: friends or foes?. 2012 , 1, 1-4	9	
502	Growth and Development Symposium: Inflammation: Role in the etiology and pathophysiology of clinical mastitis in dairy cows. 2012 , 90, 1466-78	28	
501	In vitro antioxidant activity potential of lantadene A, a pentacyclic triterpenoid of Lantana plants. <i>Molecules</i> , 2012 , 17, 11185-98	4.8	20
500	Pulmonary endothelial cell NOX. 2012 , 47, 129-39	19	
499	Low interleukin-17A production in response to fungal pathogens in patients with chronic granulomatous disease. 2012 , 32, 159-68	15	
498	Slc11a1 (Nramp1) impairs growth of <i>Salmonella enterica</i> serovar typhimurium in macrophages via stimulation of lipocalin-2 expression. 2012 , 92, 353-9	52	
497	NMR structure of <i>Carcinoscorpius rotundicauda</i> thioredoxin-related protein 16 and its role in regulating transcription factor NF- κ B activity. 2012 , 287, 29417-28	4	
496	Stem cell ageing and apoptosis. 2012 , 18, 1694-717	24	
495	Oxidative stress in allergic and irritant dermatitis: from basic research to clinical management. 2012 , 6, 202-9	19	
494	From amino acids to proteins as targets for metal-based drugs. 2012 , 13, 306-20	18	
493	Moderate hypoxia/hyperoxia attenuates acute hypoxia-induced oxidative damage and improves antioxidant defense in lung mitochondria. 2012 , 99, 436-46	22	
492	Anti-atherosclerotic activity of platycodin D derived from roots of <i>Platycodon grandiflorum</i> in human endothelial cells. 2012 , 35, 1216-21	27	
491	Study of deoxynivalenol effect on metallothionein and glutathione levels, antioxidant capacity, and glutathione-S-transferase and liver enzymes activity in rats. 2012 , 66,	3	

490	Continuous presence of H ₂ O ₂ induces mitochondrial-mediated, MAPK- and caspase-independent growth inhibition and cytotoxicity in human gingival fibroblasts. 2012 , 26, 561-70	21
489	Therapeutic potential of targeting hydrogen peroxide metabolism in the treatment of brain ischaemia. 2012 , 166, 1211-24	51
488	Stop the flow: a paradigm for cell signaling mediated by reactive oxygen species in the pulmonary endothelium. 2012 , 74, 403-24	43
487	Real-time monitoring of inflammation status in 3T3-L1 adipocytes possessing a secretory Gaussia luciferase gene under the control of nuclear factor-kappa B response element. 2012 , 420, 623-7	8
486	NADPH oxidase 2-derived reactive oxygen species signal contributes to bradykinin-induced matrix metalloproteinase-9 expression and cell migration in brain astrocytes. 2012 , 10, 35	51
485	NADPH oxidase-mediated redox signal contributes to lipoteichoic acid-induced MMP-9 upregulation in brain astrocytes. 2012 , 9, 110	48
484	Assessment of mitochondrial dysfunction in lymphocytes of patients with systemic lupus erythematosus. 2012 , 900, 61-89	52
483	Introduction. 2012 , 3-8	2
482	Long-term exercise treatment reduces oxidative stress in the hippocampus of aging rats. 2012 , 226, 21-8	115
481	Combined α -tocopherol and ascorbic acid protects against smoke-induced lung squamous metaplasia in ferrets. 2012 , 75, 15-23	12
480	Effects of dietary vitamin E type and level on lipopolysaccharide-induced cytokine mRNA expression in broiler chicks. <i>Poultry Science</i> , 2012 , 91, 1893-8	3.9 36
479	Regulation of cell physiology and pathology by protein S-glutathionylation: lessons learned from the cardiovascular system. 2012 , 16, 524-42	61
478	Mechanical Stretch and Cytokines. 2012 ,	4
477	Pathogenesis of propylthiouracil-related hepatotoxicity in children: present concepts. 2012 , 25, 623-30	10
476	Oxidative Stress in Cancer Biology and Therapy. 2012 ,	3
475	Ischemic Heart Disease. 2012 , 495-521	11
474	DMA, a bisbenzimidazole, offers radioprotection by promoting NF κ B transactivation through NIK/IKK in human glioma cells. 2012 , 7, e39426	7
473	Lung oxidative damage by hypoxia. 2012 , 2012, 856918	41

472	Changes in Plasma Lipid Peroxidation and the Antioxidant System in Women with Breast Cancer. 2012 , 1,	4
471	Molecular Mechanisms of Nephro-Protective Action of HE-86 Liquid Extract in Experimental Chronic Renal Failure. 2012 ,	
470	Antioxidant peptides from protein hydrolysate of microalgae <i>Navicula incerta</i> and their protective effects in HepG2/CYP2E1 cells induced by ethanol. 2012 , 26, 1555-63	41
469	Superoxide Dismutase and Cancer Therapy. 2012 , 59-84	1
468	Moderate intermittent hypoxia/hyperoxia: implication for correction of mitochondrial dysfunction. 2012 , 7, 801-809	3
467	Impact of silicon-based quantum dots on the antioxidative system in white muscle of <i>Carassius auratus gibelio</i> . 2012 , 38, 963-975	10
466	Anti-inflammation effects of corn silk in a rat model of carrageenin-induced pleurisy. 2012 , 35, 822-7	27
465	Acute oxidative stress affects IL-8 and TNF- α expression in IPEC-J2 porcine epithelial cells. 2012 , 35, 994-1004	41
464	Suppressing effect of resveratrol on the migration and invasion of human metastatic lung and cervical cancer cells. 2012 , 39, 8709-16	36
463	Mediterranean diet supplemented with coenzyme Q10 induces postprandial changes in p53 in response to oxidative DNA damage in elderly subjects. 2012 , 34, 389-403	41
462	Aging is an organ-specific process: changes in homeostasis of iron and redox proteins in the rat. 2012 , 34, 693-704	16
461	<i>Eleusine indica</i> L. possesses antioxidant activity and precludes carbon tetrachloride (CCl ₄) mediated oxidative hepatic damage in rats. 2012 , 17, 307-15	18
460	Cultured senescent myoblasts derived from human vastus lateralis exhibit normal mitochondrial ATP synthesis capacities with correlating concomitant ROS production while whole cell ATP production is decreased. 2012 , 13, 277-85	14
459	ECasomorphin-7 cause decreasing in oxidative stress and inhibiting NF- κ B-iNOS-NO signal pathway in pancreas of diabetes rats. 2012 , 77, C278-82	23
458	Endosulfan upregulates AP-1 binding and ARE-mediated transcription via ERK1/2 and p38 activation in HepG2 cells. 2012 , 292, 23-32	21
457	Hypothyroidism modulates renal antioxidant gene expression during postnatal development and maturation in rat. 2012 , 178, 8-18	13
456	Development of bone-targeted catalase derivatives for inhibition of bone metastasis of tumor cells in mice. 2012 , 101, 552-7	10
455	Expression of antioxidant genes in renal cortex of PTU-induced hypothyroid rats: effect of vitamin E and curcumin. 2012 , 39, 1193-203	18

454	Mechanical and Chemical Signaling in Angiogenesis. 2013 ,	1
453	Deficiency in mitochondrial complex I activity due to Ndufs6 gene trap insertion induces renal disease. 2013 , 19, 331-43	31
452	Reactive oxygen species in the activation of MAP kinases. 2013 , 528, 27-48	271
451	Vesicle Trafficking in Cancer. 2013 ,	1
450	Vitamin D3 supplementation modulates inflammatory responses from the muscle damage induced by high-intensity exercise in SD rats. 2013 , 63, 27-35	69
449	Involvement of inflammatory factors in pancreatic carcinogenesis and preventive effects of anti-inflammatory agents. 2013 , 35, 203-27	10
448	Oil palm phenolics attenuate changes caused by an atherogenic diet in mice. 2013 , 52, 443-56	15
447	Redox-control of the alarmin, Interleukin-1 β . 2013 , 1, 218-25	23
446	The antifibrotic drug halofuginone reduces ischemia/reperfusion-induced oxidative renal damage in rats. 2013 , 9, 174-83	5
445	Possible involvement of oxido-nitrosative stress induced neuro-inflammatory cascade and monoaminergic pathway: underpinning the correlation between nociceptive and depressive behaviour in a rodent model. 2013 , 151, 1041-52	39
444	Inhibition of glutathione biosynthesis alters compartmental redox status and the thiol proteome in organogenesis-stage rat conceptuses. 2013 , 63, 325-37	20
443	Early secreted antigenic target of 6 kDa (ESAT-6) protein of Mycobacterium tuberculosis induces interleukin-8 (IL-8) expression in lung epithelial cells via protein kinase signaling and reactive oxygen species. 2013 , 288, 25500-25511	40
442	Effect of antioxidants and nitric oxide on activity of peritoneal macrophages in albino rats during normal pregnancy. 2013 , 154, 581-3	1
441	Electrical Wiring of Enzymes. 2013 , 1-18	
440	Role of NF- κ B in the oxidative stress-induced lung inflammatory response to iron and selenium at ambient levels. 2013 , 2, 259	6
439	The pathological roles of environmental and redox stresses in cardiovascular diseases. 2013 , 18, 177-84	24
438	Effect of oxygen tension on bioenergetics and proteostasis in young and old myoblast precursor cells. 2013 , 1, 475-82	7
437	APRIL stimulates NF- κ B-mediated HoxC4 induction for AID expression in mouse B cells. 2013 , 61, 608-13	18

436	Are anti-inflammatory properties of lipoic acid associated with the formation of hydrogen sulfide?. 2013 , 65, 1018-24	16
435	Comparative effects of pioglitazone and metformin on oxidative stress markers in newly diagnosed type 2 diabetes patients: a randomized clinical trial. 2013 , 27, 501-7	29
434	Metabolic syndrome: a novel high-risk state for colorectal cancer. 2013 , 334, 56-61	40
433	Lipoic acid increases glutamate uptake, glutamine synthetase activity and glutathione content in C6 astrocyte cell line. 2013 , 31, 165-70	25
432	Molecular mechanism of titanium dioxide nanoparticles-induced oxidative injury in the brain of mice. 2013 , 92, 1183-9	75
431	Nongenotoxic carcinogenicity of chemicals: mechanisms of action and early recognition through a new set of structural alerts. 2013 , 113, 2940-57	80
430	Effect of red wine consumption on biomarkers of oxidative stress. 2013 , 48, 153-9	30
429	Reactive Oxygen Species in Physiologic and Pathologic Angiogenesis. 2013 , 71-92	1
428	Role of vitamin C in the function of the vascular endothelium. 2013 , 19, 2068-83	174
427	Renal injury and Nrf2 modulation in mouse kidney following chronic exposure to TiO ₂ nanoparticles. 2013 , 61, 8959-68	50
426	A systems approach for decoding mitochondrial retrograde signaling pathways. 2013 , 6, rs4	134
425	Skeletal muscle function during exercise-fine-tuning of diverse subsystems by nitric oxide. 2013 , 14, 7109-39	51
424	Increased placental phospholipid levels in pre-eclamptic pregnancies. 2013 , 14, 3487-99	21
423	Human breast adenocarcinoma cytotoxicity and modulation of 7,12-dimethylbenz[a]anthracene-induced mammary carcinoma in Balb/c mice by Acacia catechu (L.f.) Wild heartwood. 2013 , 12, 347-62	11
422	Decreased O-GlcNAcylation of the key proteins in kinase and redox signalling pathways is a novel mechanism of the beneficial effect of lipoic acid in diabetic liver. 2013 , 110, 401-12	16
421	Multiple antioxidants improve cardiac complications and inhibit cardiac cell death in streptozotocin-induced diabetic rats. 2013 , 8, e67009	45
420	Role of glutathione in cancer progression and chemoresistance. 2013 , 2013, 972913	617
419	Endosomal NADPH-oxidase is critical for induction of the tissue factor gene in monocytes and endothelial cells. Lessons from the antiphospholipid syndrome. 2013 , 109, 525-31	36

418	Ghrelin protects against renal damages induced by angiotensin-II via an antioxidative stress mechanism in mice. 2014 , 9, e94373	32
417	N-acetylcysteine attenuates hexavalent chromium-induced hypersensitivity through inhibition of cell death, ROS-related signaling and cytokine expression. 2014 , 9, e108317	29
416	The interplay between iron accumulation, mitochondrial dysfunction, and inflammation during the execution step of neurodegenerative disorders. <i>Frontiers in Pharmacology</i> , 2014 , 5, 38	5.6 141
415	The Nrf2 triterpenoid activator, CDDO-imidazolide, protects kidneys from ischemia-reperfusion injury in mice. 2014 , 85, 134-41	85
414	Vascular oxidative stress upregulates angiotensin II type I receptors via mechanisms involving nuclear factor kappa B. 2014 , 36, 367-73	26
413	Antioxidant and protective mechanisms against hypoxia and hypoglycaemia in cortical neurons in vitro. 2014 , 15, 2475-93	11
412	Gonadal steroids negatively modulate oxidative stress in CBA/Ca female mice infected with P. berghei ANKA. 2014 , 2014, 805495	1
411	Delphinidin, one of the major anthocyanidins, prevents bone loss through the inhibition of excessive osteoclastogenesis in osteoporosis model mice. 2014 , 9, e97177	68
410	Distortion of homeostatic signaling proteins by simulated microgravity in rat hypothalamus: A(16) O/(18) O-labeled comparative integrated proteomic approach. 2014 , 14, 262-73	19
409	Lung injury and lung cancer caused by cigarette smoke-induced oxidative stress: Molecular mechanisms and therapeutic opportunities involving the ceramide-generating machinery and epidermal growth factor receptor. 2014 , 21, 2149-74	62
408	N-acetylcysteine (NAC) in neurological disorders: mechanisms of action and therapeutic opportunities. 2014 , 4, 108-22	245
407	Differential modulation of apoptotic processes by proanthocyanidins as a dietary strategy for delaying chronic pathologies. 2014 , 54, 277-91	7
406	Microglial TNF- α mediates enhancement of dopaminergic degeneration by brain angiotensin. 2014 , 62, 145-57	54
405	A phenolic acid phenethyl urea derivative protects against irradiation-induced osteoblast damage by modulating intracellular redox state. 2014 , 115, 1877-87	13
404	Acute exposure to 3-methylcholanthrene induces hepatic oxidative stress via activation of the Nrf2/ARE signaling pathway in mice. 2014 , 29, 1399-408	22
403	Nutritional Supplements and Functional Foods: Functional Significance and Global Regulations. 2014 , 13-39	2
402	Low-level laser therapy suppresses the oxidative stress-induced glucocorticoids resistance in U937 cells: relevance to cytokine secretion and histone deacetylase in alveolar macrophages. 2014 , 130, 327-36	21
401	Up-regulation of ROS-dependent matrix metalloproteinase-9 from high-glucose-challenged astrocytes contributes to the neuronal apoptosis. 2014 , 50, 520-33	24

400	Protective effect of melatonin on infrarenal aortic occlusion: this effect is related to anti-inflammatory effect and antioxidant effect. 2014 , 37, 1111-9		9
399	Ursodeoxycholic acid inhibits overexpression of P-glycoprotein induced by doxorubicin in HepG2 cells. <i>European Journal of Pharmacology</i> , 2014 , 724, 161-7	53	11
398	Reactive Oxygen Species and Antioxidants in Pulmonary Hypertension and Right Heart Failure. 2014 , 1671-1687		
397	Hyperglycaemia modifies energy metabolism and reactive oxygen species formation in endothelial cells in vitro. 2014 , 542, 7-13		30
396	Antioxidant and anti-inflammatory effects of exercise: role of redox signaling. 2014 , 48, 3-11		25
395	8-oxoguanine DNA glycosylase-1 augments proinflammatory gene expression by facilitating the recruitment of site-specific transcription factors. 2014 , 192, 2384-94		75
394	A computer simulation approach to assessing therapeutic intervention points for the prevention of cytokine-induced cartilage breakdown. 2014 , 66, 979-89		16
393	Brain antioxidant responses to acute iron and copper intoxications in rats. 2014 , 6, 2083-9		14
392	Resistance to Proteasome Inhibitors in Cancer. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2014 ,	0.3	2
391	Dimeric combinations of MafB, cFos and cJun control the apoptosis-survival balance in limb morphogenesis. 2014 , 141, 2885-94		21
390	Neuroinflammation and Neurodegeneration. 2014 ,		5
389	Linkage of inflammation and oxidative stress via release of glutathionylated peroxiredoxin-2, which acts as a danger signal. 2014 , 111, 12157-62		228
388	Evaluation of antioxidant enzymes in response to predator odor stress in prefrontal cortex and amygdala. 2014 , 8, 125-128		10
387	Scuba diving induces nitric oxide synthesis and the expression of inflammatory and regulatory genes of the immune response in neutrophils. 2014 , 46, 647-54		31
386	Hydrogen-rich saline attenuates postoperative liver failure after major hepatectomy in rats. 2014 , 38, 337-45		15
385	Nrf2 deficiency promotes apoptosis and impairs PAX7/MyoD expression in aging skeletal muscle cells. 2014 , 71, 402-414		52
384	Rat liver antioxidant response to iron and copper overloads. 2014 , 137, 94-100		15
383	Lipoic acid plays a role in scleroderma: insights obtained from scleroderma dermal fibroblasts. 2014 , 16, 411		16

382	Potent effects of flavonoid-rich extract from <i>Rosa laevigata</i> Michx fruit against hydrogen peroxide-induced damage in PC12 cells via attenuation of oxidative stress, inflammation and apoptosis. <i>Molecules</i> , 2014 , 19, 11816-32	4.8	35
381	The role of intracellular zinc release in aging, oxidative stress, and Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 77	5.3	92
380	Suppressive effects of the NADPH oxidase inhibitor apocynin on intestinal tumorigenesis in obese KK-A(y) and Apc mutant Min mice. 2015 , 106, 1499-505		8
379	Development of 'Redox Arrays' for identifying novel glutathionylated proteins in the secretome. 2015 , 5, 14630		13
378	Csk-Induced Phosphorylation of Src at Tyrosine 530 is Essential for H ₂ O ₂ -Mediated Suppression of ERK1/2 in Human Umbilical Vein Endothelial Cells. 2015 , 5, 12725		9
377	Endothelial cell regulation of pulmonary vascular tone, inflammation, and coagulation. 2015 , 5, 531-59		27
376	Phorbaketal A, Isolated from the Marine Sponge <i>Phorbas</i> sp., Exerts Its Anti-Inflammatory Effects via NF- κ B Inhibition and Heme Oxygenase-1 Activation in Lipopolysaccharide-Stimulated Macrophages. 2015 , 13, 7005-19		26
375	Molecular Basis of Drug Interactions of Methotrexate, Cyclophosphamide and 5-Fluorouracil as Chemotherapeutic Agents in Cancer. 2015 , 2,		5
374	Vitamin D prevents hypoxia/reoxygenation-induced blood-brain barrier disruption via vitamin D receptor-mediated NF- κ B signaling pathways. 2015 , 10, e0122821		73
373	Chronic kidney disease influences multiple systems: describing the relationship between oxidative stress, inflammation, kidney damage, and concomitant disease. 2015 , 2015, 806358		96
372	Potential benefits of berberine in the management of perimenopausal syndrome. 2015 , 2015, 723093		17
371	Exercise training protects the LDL I subfraction from oxidation susceptibility in an aged human population. 2015 , 239, 516-22		5
370	Hypolipidemic Action of hydroxycinnamic Acids from Cabbage (<i>Brassica oleracea</i> L. var. capitata) on Hypercholesterolaemic Rat in Relation to Its Antioxidant Activity. 2015 , 3, 317-324		10
369	Endothelial cell tumor growth is Ape/ref-1 dependent. 2015 , 309, C296-307		11
368	microRNA: Medical Evidence. <i>Advances in Experimental Medicine and Biology</i> , 2015 ,	3.6	14
367	microRNA and Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 888, 291-305	3.6	31
366	Four Components of the Conjugated Redox System in Organisms: Carbon, Nitrogen, Sulfur, Oxygen. 2015 , 80, 1186-200		3
365	Purification and characterization of <i>Taenia crassiceps</i> cysticerci thioredoxin: insight into thioredoxin-glutathione-reductase (TGR) substrate recognition. 2015 , 64, 194-201		4

364	Mitochondrial iron homeostasis and its dysfunctions in neurodegenerative disorders. 2015 , 21, 92-105	98
363	Core-shell upconversion nanoparticle - semiconductor heterostructures for photodynamic therapy. 2015 , 5, 8252	55
362	Targeted Disruption of Ig-Hepta/Gpr116 Causes Emphysema-like Symptoms That Are Associated with Alveolar Macrophage Activation. 2015 , 290, 11032-40	14
361	Tjernberg peptide: a double edged sword in Alzheimer's disease. 2015 , 5, 59480-59490	2
360	Effects of Exercise on Hypertension. 2015 ,	2
359	Rearing effect of biofloc on antioxidant and antimicrobial transcriptional response in <i>Litopenaeus stylirostris</i> shrimp facing an experimental sub-lethal hydrogen peroxide stress. 2015 , 45, 933-9	30
358	A review on the possible molecular mechanism of action of N-acetylcysteine against insulin resistance and type-2 diabetes development. 2015 , 48, 1200-8	49
357	Effect of persistent and transient hypothyroidism on histoarchitecture and antioxidant defence system in rat brain. 2015 , 36, 953-9	2
356	Redox modulation of mitochondriogenesis in exercise. Does antioxidant supplementation blunt the benefits of exercise training?. 2015 , 86, 37-46	115
355	Oxidative Stress and Inflammation in Cardiovascular Diseases: Two Sides of the Same Coin. 2015 , 259-278	
354	Nanoparticle-mediated decrease of lamin B1 pools promotes a TRF protein-based adaptive response in cultured cells. 2015 , 53, 107-16	29
353	Sodium fluoride generates ROS and alters transcription of genes for xenobiotic metabolizing enzymes in adult zebrafish (<i>Danio rerio</i>) liver: expression pattern of Nrf2/Keap1 (INrf2). 2015 , 25, 364-73	28
352	Dietary freshwater clam (<i>Corbicula fluminea</i>) extract suppresses accumulation of hepatic lipids and increases in serum cholesterol and aminotransferase activities induced by dietary chloretone in rats. 2015 , 79, 1155-63	10
351	[Main Cellular Redox Couples]. 2015 , 41, 385-402	10
350	Endothelial Cell Function and Hypertension: Interactions Among Inflammation, Immune Function, and Exercise. 2015 , 301-323	1
349	Expression patterns of antioxidant genes in human SH-SY5Y cells after treatment with methadone. 2015 , 230, 116-9	19
348	White matter changes in chronic alcoholic liver disease: Hypothesized association and putative biochemical mechanisms. 2015 , 85, 825-34	2
347	A short introduction to acyl-CoA dehydrogenases; deficiencies and novel treatment strategies. 2015 , 3, 1375-1386	2

346	Acute effects of extreme pH and its influences on the survival and biochemical biomarkers of juvenile White Shrimp, <i>Litopenaeus vannamei</i> . 2015 , 48, 417-429	11
345	Effect of hyperketonemia (Acetoacetate) on nuclear factor- κ B and p38 mitogen-activated protein kinase activation mediated intercellular adhesion molecule 1 upregulation in endothelial cells. 2015 , 13, 71-7	8
344	Effects of MBL2 polymorphisms in patients with diisocyanate-induced occupational asthma. 2015 , 47, e157	5
343	International Union of Basic and Clinical Pharmacology. XCIX. Angiotensin Receptors: Interpreters of Pathophysiological Angiotensinergic Stimuli [corrected]. 2015 , 67, 754-819	182
342	The Advanced Lipoxidation end Product Precursor Malondialdehyde Induces IL-17E Expression and Skews Lymphocytes to the th17 Subset. 2015 , 20, 647-62	6
341	Inflammatory-mediated pathway in association with organochlorine pesticides levels in the etiology of idiopathic preterm birth. 2015 , 57, 111-20	19
340	Air sparging for prevention of antibody disulfide bond reduction in harvested CHO cell culture fluid. 2015 , 112, 734-42	19
339	IL-1 β Induces MMP-9-Dependent Brain Astrocytic Migration via Transactivation of PDGF Receptor/NADPH Oxidase 2-Derived Reactive Oxygen Species Signals. 2015 , 52, 303-17	29
338	Investigational cancer drugs targeting cell metabolism in clinical development. 2015 , 24, 79-94	50
337	SOD1, from Bench to Bed: New Role for the Oldest Protein Implicated in ALS. 2016 ,	
336	Possible Hypoxia Signaling Induced Alteration of Glucose Homeostasis in Rats Exposed to Chronic Intermittent Hypoxia - Role of Antioxidant (Vitamin C) and Ca ²⁺ Channel Blocker (Cilnidipine). 2016 , 11, 49-55	2
335	NADPH Oxidase/ROS-Dependent VCAM-1 Induction on TNF- α Challenged Human Cardiac Fibroblasts Enhances Monocyte Adhesion. <i>Frontiers in Pharmacology</i> , 2015 , 6, 310	5.6 18
334	Heat Priming Induces Trans-generational Tolerance to High Temperature Stress in Wheat. 2016 , 7, 501	42
333	Exercise-induced oxidative stress: past, present and future. 2016 , 594, 5081-92	163
332	Near-infrared laser increases MDPC-23 odontoblast-like cells proliferation by activating redox sensitive pathways. 2016 , 164, 283-288	7
331	N-acetylcysteine Attenuates Cobalt Nanoparticle-Induced Cytotoxic Effects through Inhibition of Cell Death, Reactive Oxygen Species-related Signaling and Cytokines Expression. 2016 , 8, 496-502	5
330	The novel compound Sul-121 inhibits airway inflammation and hyperresponsiveness in experimental models of chronic obstructive pulmonary disease. 2016 , 6, 26928	7
329	Placental origins of adverse pregnancy outcomes: potential molecular targets: an Executive Workshop Summary of the Eunice Kennedy Shriver National Institute of Child Health and Human Development. 2016 , 215, S1-S46	147

328	3-O-Laurylglycerol ascorbate activates the intracellular antioxidant system through the contribution of PPAR- α and Nrf2. 2016 , 82, 189-96	10
327	Genistein attenuates oxidative damage in preeclamptic placental trophoblast. 2016 , 35, 250-63	6
326	Chronic unpredictable mild stress generates oxidative stress and systemic inflammation in rats. 2016 , 161, 15-23	64
325	TAK1 regulates Paneth cell integrity partly through blocking necroptosis. 2016 , 7, e2196	13
324	In vivo synthesis of nano-selenium by Tetrahymena thermophila SB210. 2016 , 95, 185-191	33
323	Long-chain polyunsaturated fatty acids regulation of PPARs, signaling: Relationship to tissue development and aging. 2016 , 114, 28-34	105
322	Protective effect of porphyran isolated from discolored nori (Porphyra yezoensis) on lipopolysaccharide-induced endotoxin shock in mice. 2016 , 93, 1273-1278	21
321	Glucocorticoid resistance in chronic diseases. 2016 , 115, 182-192	59
320	Involvement of NADPH oxidase and NF- κ B activation in CXCL1 induction by vascular endothelial growth factor in human endometrial epithelial cells of patients with adenomyosis. 2016 , 118, 61-69	9
319	Human heme oxygenase 1 is a potential host cell factor against dengue virus replication. 2016 , 6, 32176	67
318	Reactive Oxygen Species: Physiological and Physiopathological Effects on Synaptic Plasticity. 2016 , 10, 23-48	134
317	Possible involvement of the JAK/STAT signaling pathway in N-acetylcysteine-mediated antidepressant-like effects. 2016 , 241, 509-18	20
316	The plasma jet kINPen α powerful tool for wound healing. 2016 , 4, 19-28	239
315	The effects of IL-18BP on mRNA expression of inflammatory cytokines and apoptotic genes in renal injury induced by infrarenal aortic occlusion. 2016 , 202, 33-42	12
314	Oxidant Mechanisms in Renal Injury and Disease. 2016 , 25, 119-46	310
313	Antidiabetic effect of polysaccharides from Pleurotus ostreatus in streptozotocin-induced diabetic rats. 2016 , 83, 126-32	55
312	Glycoprotein isolated from Styrax japonica Siebold et al. Zuccarini inhibits oxidative and pro-inflammatory responses in HCT116 colonic epithelial cells and dextran sulfate sodium-treated ICR mice. 2016 , 87, 12-22	5
311	The Th1/Th2 paradigm in lambda cyhalothrin-induced spleen toxicity: The role of thymoquinone. 2016 , 41, 14-21	12

310	Protective Effects of Coenzyme Q10 Against Hydrogen Peroxide-Induced Oxidative Stress in PC12 Cell: The Role of Nrf2 and Antioxidant Enzymes. 2016 , 36, 103-11	25
309	Effect of Exercise Training and L-arginine on Oxidative Stress and Left Ventricular Function in the Post-ischemic Failing Rat Heart. 2016 , 16, 122-9	10
308	Assessment of the in vitro cytotoxicity and in vivo anti-tumor activity of the alcoholic stem bark extract/fractions of <i>Mimusops elengi</i> Linn. 2016 , 68, 861-77	9
307	The vicious cycle of vitamin a deficiency: A review. 2017 , 57, 3703-3714	101
306	The intrauterine renin-angiotensin system: Sex-specific effects on the prevalence of spontaneous preterm birth. 2017 , 44, 605-610	5
305	HS as a possible therapeutic alternative for the treatment of hypertensive kidney injury. 2017 , 64, 52-60	15
304	Quercetin and the ocular surface: What we know and where we are going. 2017 , 242, 565-572	18
303	OGG1-DNA interactions facilitate NF- κ B binding to DNA targets. 2017 , 7, 43297	29
302	Calcium, oxidative stress and connexin channels, a harmonious orchestra directing the response to radiotherapy treatment?. 2017 , 1864, 1099-1120	31
301	Oxidative stress causes hypertension and activation of nuclear factor- κ B after high-fructose and salt treatments. 2017 , 7, 46051	23
300	Investigation of the effects of kisspeptin-10 in methionine-induced lipid peroxidation in testicle tissue of young rats. 2017 , 31, N/A	6
299	Astaxanthin from shrimp efficiently modulates oxidative stress and allied cell death progression in MCF-7 cells treated synergistically with β -carotene and lutein from greens. 2017 , 106, 58-69	39
298	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). 2017 , 13, 94-162	185
297	Involvement of reactive oxygen species in ionizing radiation-induced upregulation of cell surface Toll-like receptor 2 and 4 expression in human monocytic cells. 2017 , 58, 626-635	14
296	The potential curative effect of rebamipide in hepatic ischemia/reperfusion injury. 2017 , 390, 691-700	18
295	Pravastatin attenuates the action of the ETS domain-containing protein ELK1 to prevent atherosclerosis in apolipoprotein E-knockout mice via modulation of extracellular signal-regulated kinase 1/2 signal pathway. 2017 , 44, 344-352	6
294	Redox Control of Skeletal Muscle Regeneration. 2017 , 27, 276-310	77
293	Premature senescence of endothelial cells upon chronic exposure to TNF α can be prevented by N-acetyl cysteine and plumericin. 2017 , 7, 39501	69

292	The free radical scavenging and anti-inflammatory activities of gallate-chitooligosaccharides in human lung epithelial A549 cells. 2017 , 54, 188-194		43
291	Role of the DNA repair glycosylase OGG1 in the activation of murine splenocytes. 2017 , 58, 13-20		7
290	Anticarcinogenic Effects of Dried Citrus Peel in Colon Carcinogenesis Due to Inhibition of Oxidative Stress. 2017 , 69, 855-861		6
289	Unexpected effect of urate on hydrogen peroxide-induced oxidative damage in embryonic chicken cardiac cells. 2017 , 51, 693-707		8
288	Mechanisms involved in the cardioprotective effect of avocado consumption: A systematic review. 2017 , 1-11		3
287	Activator protein-1 (AP-1): a bridge between life and death in lung epithelial (A549) cells under hypoxia. <i>Molecular and Cellular Biochemistry</i> , 2017 , 436, 99-110	4.2	21
286	Effect of prenatal antioxidant intake on infants' respiratory infection is modified by a CD14 polymorphism. 2017 , 13, 173-182		9
285	Detection of Glutathione in Oral Squamous Cell Carcinoma Cells With a Fluorescent Probe During the Course of Oxidative Stress and Apoptosis. 2017 , 75, 223.e1-223.e10		3
284	Biochemical status, oxidative and antioxidant responses after 3-month specific training in elite karate athletes. 2017 , 104, 344-354		2
283	Hypoxia-Induced Oxidative Stress Modulation with Physical Activity. 2017 , 8, 84		64
282	The Architecture of Thiol Antioxidant Systems among Invertebrate Parasites. <i>Molecules</i> , 2017 , 22,	4.8	16
281	Multifunctional Cinnamic Acid Derivatives. <i>Molecules</i> , 2017 , 22,	4.8	31
280	Vitamin C and Immune Function. 2017 , 9,		606
279	Heme Oxygenase-1 Induction by Carbon Monoxide Releasing Molecule-3 Suppresses Interleukin-1 β -Mediated Neuroinflammation. 2017 , 10, 387		27
278	Vitamin D, Its Receptor Gene Polymorphism and Breast Cancer. 2017 ,		
277	Aerobic but not Resistance Exercise Can Induce Inflammatory Pathways via Toll-Like 2 and 4: a Systematic Review. 2017 , 3, 42		19
276	Proteinopathy, oxidative stress and mitochondrial dysfunction: cross talk in Alzheimer's disease and Parkinson's disease. 2017 , 11, 797-810		147
275	Seawater inhalation induces acute lung injury via ROS generation and the endoplasmic reticulum stress pathway. 2018 , 41, 2505-2516		15

274	Crataegus Special Extract WS 1442 Effects on eNOS and microRNA 155. 2018 , 84, 1094-1100	3
273	Concerted redox modulation by sulforaphane alleviates diabetes and cardiometabolic syndrome. 2018 , 122, 150-160	27
272	Effects of Prenatal Nutrition and the Role of the Placenta in Health and Disease. 2018 , 1735, 19-46	14
271	Aortic dysfunction in metabolic syndrome mediated by perivascular adipose tissue TNF α and NOX2-dependent pathway. 2018 , 103, 590-603	21
270	Cardamonin inhibits pro-inflammatory cytokine production and suppresses NO pathway in PBMCs from patients with primary Sjögren's syndrome. 2018 , 40, 126-133	6
269	Near infrared low-level laser therapy and cell proliferation: The emerging role of redox sensitive signal transduction pathways. 2018 , 11, e201800025	21
268	A novel p53 paralogue mediates antioxidant defense of mosquito cells to survive dengue virus replication. 2018 , 519, 156-169	3
267	Modulation of human osteoclastogenesis and osteoblastogenesis by lycopene. 2018 , 57, 26-34	20
266	The Role of Peroxiredoxins in the Transduction of HO Signals. 2018 , 28, 537-557	71
265	Up-regulation of PYK2/PKC δ -dependent haem oxygenase-1 by CO-releasing molecule-2 attenuates TNF α -induced lung inflammation. 2018 , 175, 456-468	7
264	8-Oxoguanine DNA glycosylase 1: Beyond repair of the oxidatively modified base lesions. 2018 , 14, 669-678	128
263	Heparan sulfate proteoglycan deficiency up-regulates the intracellular production of nitric oxide in Chinese hamster ovary cell lines. 2018 , 233, 3176-3194	5
262	Oxidants and Endothelial Dysfunction. 2018 , 252-281	1
261	Redox Homeostasis and Natural Dietary Compounds: Focusing on Antioxidants of Rice (L.). 2018 , 10,	11
260	Biological Markers of Oxidative Stress in Cardiovascular Diseases: After so Many Studies, What do We Know?. 2018 , 47, 823-843	12
259	Gomisin N Alleviates Ethanol-Induced Liver Injury through Ameliorating Lipid Metabolism and Oxidative Stress. 2018 , 19,	23
258	Effects of vitamin E, inorganic selenium, bacterial organic selenium, and their combinations on immunity response in broiler chickens. 2018 , 14, 249	39
257	PI3K/Akt/mTOR Signaling Pathway and the Biphasic Effect of Arsenic in Carcinogenesis. 2018 , 94, 784-792	36

256	Sulfotanshinone IIA Sodium Ameliorates Glucose Peritoneal Dialysis Solution-Induced Human Peritoneal Mesothelial Cell Injury via Suppression of ASK1-P38-mediated Oxidative Stress. 2018 , 46, 2434-2444 ⁴	
255	The roles of base excision repair enzyme OGG1 in gene expression. 2018 , 75, 3741-3750	39
254	Multiple Mild Hypobaric Hypoxia Induces Expression of Thioredoxin-1 in the Hippocampus and Neocortex of Rats. 2018 , 12, 23-32	
253	Nanotoxicology in <i>Caenorhabditis elegans</i> . 2018 ,	76
252	Vitamin C and the Immune System. 2019 , 81-102	2
251	Acute exposure to environmentally relevant concentrations of Chinese PFOS alternative F-53B induces oxidative stress in early developing zebrafish. 2019 , 235, 945-951	22
250	<i>Centaurium erythraea</i> extract improves survival and functionality of pancreatic beta-cells in diabetes through multiple routes of action. 2019 , 242, 112043	6
249	Carbon Monoxide Releasing Molecule-2-Upregulated ROS-Dependent Heme Oxygenase-1 Axis Suppresses Lipopolysaccharide-Induced Airway Inflammation. 2019 , 20,	15
248	Nutritional supplements and functional foods. 2019 , 13-35	4
247	Molecular Therapeutic Targets in Tobacco-Induced Lung Pathology. 2019 , 477-491	
246	Cyclo-Oxygenase (COX) Inhibitors and Cardiovascular Risk: Are Non-Steroidal Anti-Inflammatory Drugs Really Anti-Inflammatory?. 2019 , 20,	16
245	Vitegnoside Mitigates Neuronal Injury, Mitochondrial Apoptosis, and Inflammation in an Alzheimer's Disease Cell Model via the p38 MAPK/JNK Pathway. 2019 , 72, 199-214	12
244	Childhood adversity and mechanistic links to hypertension risk in adulthood. 2019 , 176, 1932-1950	15
243	Brain region-specific effects of long-term caloric restriction on redox balance of the aging rat. <i>Mechanisms of Ageing and Development</i> , 2019 , 179, 51-59	5.6 6
242	Protective effect of oil extracted from <i>Neophocaena asiaeorientalis</i> against hydrogen peroxide-induced oxidative stress in HepG2 cells. 2019 , 85, 867-876	1
241	Beneficial effects of antioxidants in improving health conditions of sheep infected with foot-and-mouth disease. 2019 , 51, 2379-2386	4
240	High-density lipoprotein ameliorates palmitic acid-induced lipotoxicity and oxidative dysfunction in H9c2 cardiomyoblast cells via ROS suppression. 2019 , 16, 36	57
239	Looking beyond the skin: Cutaneous and systemic oxidative stress in UVB-induced squamous cell carcinoma in hairless mice. 2019 , 195, 17-26	8

238 Caffeine in Beverages: Cardiovascular Effects. **2019**, 257-284

237 Expression of Antioxidant Enzymes in Patients with Uterine Polyp, Myoma, Hyperplasia, and Adenocarcinoma. **2019**, 8, 3

236 CO-Releasing Molecule-2 Induces Nrf2/ARE-Dependent Heme Oxygenase-1 Expression Suppressing TNF- α -Induced Pulmonary Inflammation. **2019**, 8, 11

235 Genetic polymorphisms associated with reactive oxygen species and blood pressure regulation. **2019**, 19, 315-336 10

234 High-throughput sequencing identifies aetiology-dependent differences in ductular reaction in human chronic liver disease. **2019**, 248, 66-76 18

233 The defense system for *Bidens pilosa* root exudate treatments in *Pteris multifida* gametophyte. **2019**, 173, 203-213 5

232 Activation of NF-E2 p45-related factor-2 transcription and inhibition of intestinal tumor development by AHCC, a standardized extract of cultured mycelia. **2019**, 65, 203-208 1

231 Intermittent Hypoxia/Hyperoxia Versus Intermittent Hypoxia/Normoxia: Comparative Study in Prediabetes. **2019**, 20, 383-391 8

230 Curcumin inhibits heat-induced oxidative stress by activating the MAPK-Nrf2 / ARE signaling pathway in chicken fibroblasts cells. **2019**, 79, 112-119 20

229 Pharmacological effects of berberine on mood disorders. **2019**, 23, 21-28 34

228 Bamboo Stems (variety henosis) Containing Polyphenol Mixtures Activate Nrf2 and Attenuate Phenylhydrazine-Induced Oxidative Stress and Liver Injury. **2019**, 11, 10

227 Oxidative Stress in β -Thalassemia. **2019**, 23, 245-261 11

226 Dipthamide affects selenoprotein expression: Dipthamide deficiency reduces selenocysteine incorporation, decreases selenite sensitivity and pre-disposes to oxidative stress. **2019**, 20, 146-156 11

225 Study on the bio-function of lipA gene in *Aspergillus flavus*. **2019**, 41, 107-111

224 Inhaled molecular hydrogen attenuates intense acute exercise-induced hippocampal inflammation in sedentary rats. **2020**, 715, 134577 5

223 The molecular and physiological consequences of cold plasma treatment in murine skin and its barrier function. **2020**, 161, 32-49 11

222 Ophthalmic complaints in face-mask wearing: prevalence, treatment, and prevention with a potential protective effect against SARS-CoV-2. **2020**, 34, 1323-1335 6

221 Vitamin C-An Adjunctive Therapy for Respiratory Infection, Sepsis and COVID-19. **2020**, 12, 53

220	Disulfide-Linked Allosteric Modulators for Multi-cycle Kinetic Control of DNA-Based Nanodevices. 2020 , 59, 21058-21063		10
219	Disulfide-Linked Allosteric Modulators for Multi-cycle Kinetic Control of DNA-Based Nanodevices. 2020 , 132, 21244-21249		3
218	NOX1 Inhibition Attenuates Kidney Ischemia-Reperfusion Injury via Inhibition of ROS-Mediated ERK Signaling. 2020 , 21,		5
217	Thiol antioxidant thioredoxin reductase: A prospective biochemical crossroads between anticancer and antiparasitic treatments of the modern era. 2020 , 165, 249-267		7
216	Evolution of Sex Determination in Amniotes: Did Stress and Sequential Hermaphroditism Produce Environmental Determination?. 2020 , 42, e2000050		12
215	Rule of UA on Cardiac Myocytes Uric Acid Differently Influence the Oxidative Damage Induced by Acute Exposure of High Level of Glucose in Chicken Cardiac Myocytes. 2020 , 7, 602419		3
214	Enzymatically inactive OGG1 binds to DNA and steers base excision repair toward gene transcription. <i>FASEB Journal</i> , 2020 , 34, 7427-7441	0.9	8
213	Redox modulation of muscle mass and function. 2020 , 35, 101531		10
212	Hypoxic training improves blood pressure, nitric oxide and hypoxia-inducible factor-1 alpha in hypertensive patients. 2020 , 120, 1815-1826		8
211	MicroRNA and ROS Crosstalk in Cardiac and Pulmonary Diseases. 2020 , 21,		33
210	Changes in Oxidative Stress, Inflammation, and Muscle Damage Markers Following Diet and Beetroot Juice Supplementation in Elite Fencers. 2020 , 9,		4
209	Intravenous high-dose vitamin C for the treatment of severe COVID-19: study protocol for a multicentre randomised controlled trial. 2020 , 10, e039519		59
208	Modulating Oxidant Levels to Promote Healthy Aging. 2020 , 33, 570-579		9
207	Cellular calcium and redox regulation: the mediator of vertebrate environmental sex determination?. 2020 , 95, 680-695		25
206	Control of tumor angiogenesis and metastasis through modulation of cell redox state. 2020 , 1873, 188352		4
205	BMAL1 regulation of microglia-mediated neuroinflammation in MPTP-induced Parkinson's disease mouse model. <i>FASEB Journal</i> , 2020 , 34, 6570-6581	0.9	19
204	Structured form of DHA prevents neurodegenerative disorders: A better insight into the pathophysiology and the mechanism of DHA transport to the brain. 2021 , 85, 119-134		8
203	Molecular mechanisms associated with oxidative damage in the mouse testis induced by LaCl. 2021 , 36, 408-416		1

202	Proteometabolomic characterization of apical bud maturation in <i>Pinus pinaster</i> . 2021 , 41, 508-521	1
201	Detection Technologies for Reactive Oxygen Species: Fluorescence and Electrochemical Methods and Their Applications. 2021 , 11,	18
200	CYP450 Mediates Reactive Oxygen Species Production in a Mouse Model of β -Thalassemia through an Increase in 20-HETE Activity. 2021 , 22,	2
199	Oxidative stress: an evolving definition. 2021 , 10, 13	10
198	Quercetin: a savior of alveolar barrier integrity under hypoxic microenvironment. 2021 , 9, 1883963	1
197	5-Formyluracil targeted biochemical reactions with proteins inhibit DNA replication, induce mutations and interference gene expression in living cells. 2021 ,	1
196	Recent Advances in Molecular Hydrogen Research Reducing Exercise-Induced Oxidative Stress and Inflammation. 2021 , 27, 731-736	3
195	Palm Fruit Bioactive Complex (PFBc), a Source of Polyphenols, Demonstrates Potential Benefits for Inflammaging and Related Cognitive Function. 2021 , 13,	1
194	Oxidative Stress and Endothelial Dysfunction in Sepsis and Acute Inflammation. 2021 , 35, 1291-1307	9
193	Immunomodulatory Effects of Vitamin D and Vitamin C to Improve Immunity in COVID-19 Patients.	0
192	Redox-related biomarkers in physical exercise. 2021 , 42, 101956	10
191	Plasma-activated interfaces for biomedical engineering. 2021 , 6, 2134-2143	5
190	The role of topical N-acetylcysteine in ocular therapeutics. 2021 ,	1
189	Linking Oxidative Stress and Proteinopathy in Alzheimer's Disease. 2021 , 10,	11
188	Glutathione: An Old and Small Molecule with Great Functions and New Applications in the Brain and in Alzheimer's Disease. 2021 , 35, 270-292	4
187	Oxidative Stress Promotes Corticosteroid Insensitivity in Asthma and COPD. 2021 , 10,	4
186	Thioredoxin Reductase.	2
185	Altered glutathione anti-oxidant metabolism during tumor progression in human renal-cell carcinoma. 2001 , 91, 55-9	57

184	Redox Regulation of Photosynthetic Genes. 2001 , 85-107		8
183	Poly(ADP-Ribose) Polymerase and Ischemia-Reperfusion Injury. 2006 , 164-183		1
182	Revascularization of Wounds: The Oxygen-Hypoxia Paradox. 2008 , 541-559		1
181	Oxidative Stress and Drug Resistance in Cancer. 2009 , 137-175		4
180	Toxicity and Carcinogenicity of Aldehydes. 2008 , 161-173		2
179	Dual Roles of Oxidative Stress in the Lungs. 2008 , 231-250		1
178	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
177	Endothelial Cell Tumor Prevention with Berry Extracts: Clinical Problems, Molecular Mechanisms and Therapeutic Opportunities. 2011 , 117-130		1
176	Anti-inflammatory Activities of Taurine Chloramine. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 329-340	3.6	19
175	Effect of DHLA on response of isolated rat urinary bladder to repetitive field stimulation. 2003 , 129-135		1
174	Mechanism of iron toxicity. <i>Advances in Experimental Medicine and Biology</i> , 2002 , 509, 19-43	3.6	33
173	Differential role of hydrogen peroxide in UV-induced signal transduction. 2002 , 81-90		4
172	Antiproliferative effects of garlic-derived and other allium related compounds. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 492, 83-106	3.6	17
171	Oxidant Stress in Acute Lung Injury. 2001 , 83-99		1
170	Oxidation-Sensitive Transcription and Gene Expression in Atherosclerosis. 2000 , 135-154		3
169	Cardiac metabolism of enals. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 463, 223-9	3.6	4
168	Glutathione homeostasis in response to exercise training and nutritional supplements. 1999 , 31-42		6
167	NO in Diabetic Nephropathy. 1997 , 349-367		2

166	Cell and Molecular Aging. 2001 , 8-23		2
165	Methamphetamine Neurotoxicity and Neuroinflammatory Processes. 2014 , 443-462		2
164	Interactions Between Nutrition and Immunity. 2000 , 363-373		6
163	Lipoic Acid. 2000 , 97-106		1
162	Quantification of redox conditions in the nucleus. 2009 , 464, 303-17		38
161	Oxidative Stress Injury in Glomerular Mesangium. 2011 , 3-23		1
160	Oxidative Stress in the Kidney: Proximal Tubule Disorders. 2011 , 179-203		2
159	A Role for SERCA Pumps in the Neurobiology of Neuropsychiatric and Neurodegenerative Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1131, 131-161	3.6	17
158	Heme Oxygenase-1, Inflammation and Atherosclerosis. 2001 , 141-158		1
157	Oxidation-reduction sensitive regulation of vascular inflammatory gene expression. 1999 , 161-178		4
156	Overview of HO-1 in inflammatory pathologies. 1999 , 55-91		8
155	Glutathione: A key role in skeletal muscle metabolism. 1998 , 127-139		5
154	Oxidative Stress in Fetal Alcohol Spectrum Disorders Insights for the Development of Antioxidant-Based Therapies. 2014 , 645-667		4
153	Involvement of Oxidative Stress in Hemolytic Anemia. 2014 , 2499-2516		2
152	The role of reactive oxygen species in the anticancer activity of vitamin D. 2003 , 164, 357-67		27
151	Redox Regulation in Oxygenic Photosynthesis. 2002 , 207-245		27
150	Oxygen Free Radicals and Ischaemic Preconditioning in the Brain: Preliminary Data and a Hypothesis. 1999 , 95-103		1
149	Vitamin E and the Metabolic Antioxidant Network. 1997 , 281-304		2

148	Hypoxia, Nitric Oxide and Vasoactive Gene Transcription. 1997 , 75-115	1
147	Of Proteins, Redox States and Living Things. 1998 , 51-66	1
146	Antioxidant proteins in fetal brain: superoxide dismutase-1 (SOD-1) protein is not overexpressed in fetal Down syndrome. 2001 , 71-84	16
145	Mechanosensitive Pro-inflammatory Gene Expression in Vascular Cells. 2012 , 59-86	2
144	Nitric Oxide, Chronic Joint Inflammation, and Pain. 2000 , 873-894	3
143	Peroxiredoxins in Cell Signaling and HIV Infection. 2000 , 381-407	9
142	Biological thiols and redox regulation of cellular signal transduction pathways. 2000 , 375-401	2
141	Oxidative stress and the pathogenesis of sarcopenia. 2000 , 831-880	3
140	Alcoholic Liver Disease. 2010 , 1383-1400.e4	6
139	Paraoxonase1-192 polymorphism modulates the effects of regular and acute exercise on paraoxonase1 activity. 2002 , 43, 713-720	35
138	Regulation of human apolipoprotein A-I gene expression by equine estrogens. 2001 , 42, 1789-1800	19
137	OxLDL induces macrophage EGCS-HS protein expression: a role for oxLDL-associated lipid hydroperoxide in GSH synthesis. 2001 , 42, 813-823	26
136	Effects of dimethyl sulfoxide on apolipoprotein A-I in the human hepatoma cell line, HepG2. 1997 , 38, 2090-2102	18
135	Regulation of MAC-1 (CD11b/CD18) expression on circulating granulocytes in endurance runners. 1999 , 31, 362-7	24
134	Fatty acids and endothelial cell function: regulation of adhesion molecule and redox enzyme expression. 1999 , 2, 109-15	24
133	Effects of the antioxidant alpha-lipoic acid on human umbilical vein endothelial cells infected with <i>Rickettsia rickettsii</i> . 1998 , 66, 2290-9	32
132	Increase in mitochondrial mass in human fibroblasts under oxidative stress and during replicative cell senescence. 2002 , 9, 517	10
131	Platelet-derived growth factor-stimulated superoxide anion production modulates activation of transcription factor NF-kappaB and expression of monocyte chemoattractant protein 1 in human aortic smooth muscle cells. 1997 , 96, 2361-7	180

130	Thioredoxin-like 2 regulates human cancer cell growth and metastasis via redox homeostasis and NF- κ B signaling. 2011 , 121, 212-25	102
129	Nuclear Factor- κ B-Dependent Induction of Interleukin-8 Gene Expression by Tumor Necrosis Factor α : Evidence for an Antioxidant Sensitive Activating Pathway Distinct From Nuclear Translocation. 1999 , 94, 1878-1889	24
128	Reperfusion injury pathophysiology in sickle transgenic mice. 2000 , 96, 314-320	9
127	Evidence for Pro-Oxidant Effects of Carotenoids In Vitro and In Vivo. 2004 , 127-149	1
126	Vasculoprotective Effects of Olive Oil. 2003 ,	2
125	Lipoic Acid. 2001 ,	1
124	Carbon Monoxide and Vascular Smooth Muscle Cell Growth. 2001 , 45-65	2
123	Involvement of Rb family proteins, focal adhesion proteins and protein synthesis in senescent morphogenesis induced by hydrogen peroxide. 2000 , 113, 4087-4097	94
122	Regulation of muscle mitochondrial design.. 1998 , 201, 299-307	100
121	Inducible NO synthase: role in cellular signalling. 1999 , 202, 645-653	121
120	Apple peel polyphenols and their beneficial actions on oxidative stress and inflammation. 2013 , 8, e53725	87
119	Molecules altering the intracellular thiol content modulate NF- κ B and STAT-1/IRF-1 signalling pathways and IL-12 p40 and IL-27 p28 production in murine macrophages. 2013 , 8, e57866	22
118	Enhanced expression of WD repeat-containing protein 35 via nuclear factor-kappa B activation in bupivacaine-treated Neuro2a cells. 2014 , 9, e86336	3
117	Role of oxidative stress in osteoporosis. 2005 , 2, 787-796	13
116	Regulaç�o metab�lica e produ�o de esp�cies reativas de oxig�nio durante a contra�o muscular: efeito do glicog�nio na manuten�o do estado redox intracelular. 2008 , 14, 57-63	1
115	Nutrigenomics ? new frontiers in antioxidant research. 2006 , 3, 1-12	2
114	Proteasome Inhibitors in Cancer Therapy and their Relation to Redox Regulation. 2018 , 24, 5252-5267	1
113	Molecular Mechanisms of Nickel-Induced Carcinogenesis. 2020 , 20, 1015-1023	7

112	Role of Glutathione in the Multidrug Resistance in Cancer. 2010 , 2, 105-124	4
111	Elevated nitric oxide and 3',5' cyclic guanosine monophosphate levels in patients with alcoholic cirrhosis. 2008 , 14, 236-42	13
110	Protective effect of taurine on hypochlorous acid toxicity to nuclear nucleoside triphosphatase in isolated nuclei from rat liver. 2004 , 10, 694-8	10
109	Models for the study of skin wound healing. The role of Nrf2 and NF- κ B. 2017 , 161, 1-13	40
108	Effect of Feeding Plum and Red Ginseng Marc on Vital Reaction in Broiler Stress. 2011 , 38, 213-223	11
107	Antioxidant Potential of Green and Black Teas of Selected South India Cultivars. 2012 , 46, 81-87	2
106	Reactive metabolites of oxygen and nitrogen, adhesion molecule expression and chronic joint inflammation. 2000 , 99-117	
105	Oxidants and Antioxidants in Follicle/Oocyte Function. 2000 , 255-264	
104	Oxidants in skin pathophysiology. 2000 , 579-596	
103	Systematic Modulation of Immune Responses by CpG DNA. 2001 , 201-218	
102	Melatonin and Immune Functions. 2001 , 371-383	1
101	Plant Phenols and Cardiovascular Disease. 2001 ,	
100	Redox Modulation and Oxidative Stress in Dermatotoxicology. 2001 ,	
99	Carbon Monoxide and Cardiovascular Inflammation. 2001 , 165-180	
98	Cellular Effects of Lipoic Acid and Its Role in Aging. 2001 ,	
97	Amélioration de la défense antioxydante endogène : une piste pour la prévention des cancers cutanés. 2001 , 185, 1507-1527	
96	Carcinogenicity of dimethylarsinic acid and relevant mechanisms. 2003 , 211-222	
95	Krebs und Ernährung. 2003 , 870-891	

- 94 Ceramide Signaling under Oxidative Stress. **2003**, 194-222 1
- 93 Efecto De Contaminantes Ambientales Particulados Sobre Individuos De Diferentes Grupos Etarios (Effect of Air Particulate Matter on Individuals of Different Age Groups).
- 92 Detection of Ref-1 (Redox factor-1) Interacting Protein Using the Yeast Two-hybrid System. **2004**, 14, 26-31
- 91 Pycnogenol in Cancer Chemoprevention. **2004**,
- 90 NFkB-Dependent Signaling Pathways. **2005**,
- 89 Effects of Antioxidants on Gene Expression in Endothelial Cells. **2005**, 141-180
- 88 Molecular Mechanisms Underlaying the Health Promoting Activity of Lycopene. **2005**, 241-256
- 87 Cellular Redox Activity and Molecular Functions of Ascorbic Acid. **2005**, 257-282
- 86 Resveratrol as an Antioxidant. **2005**, 33-55
- 85 Protection Effects of Carvedilol Against Stress-induced Oxidative Damage in Rats Brain. **2006**, 6, 554-560 1
- 84 observations on the Southern Cerrados and their Relationship with the Core Area. **2006**, 155-178
- 83 Responses of Microcystis aeruginosa to reducing oxidation reduction potential under competition growth condition. **2007**, 19, 118-124
- 82 Activation of NF- κ B and AP-1 in Peripheral Blood Mononuclear Cells Isolated from Patients with Diabetic Nephropathy. **2007**, 31, 261
- 81 Oxidative Stress Causes Vascular Insulin Resistance in OLETF Rat Through Increased IRS-1 Degradation. **2007**, 31, 22 1
- 80 γ -Glutamylcysteine Synthetase (EGCS) mRNA Expression in INS-1 Cells and Patients with Type 2 Diabetes Mellitus. **2007**, 31, 302
- 79 Role of Uncoupling Protein 2 in Pancreatic β Cell Function. **2007**, 211-224
- 78 Exocytosis, Mitochondrial Injury and Oxidative Stress in Neurodegenerative Diseases. **2009**, 65-81
- 77 Cell Defence and Survival. **2009**, 175-199

- 76 The role of Type 2 Diabetes as a predisposing risk factor on the pulpo-periapical pathogenesis: review article. **2009**, 34, 169 1
- 75 Oxidative Stress and Liver Injury. **2011**, 427-435 1
- 74 Hypertension. **2011**, 121-142
- 73 Exercise as a Model to Study Interactions Between Oxidative Stress and Inflammation. **2011**, 521-529
- 72 Cell and Molecular Aging. **2011**, 5-37
- 71 Vitamin C and Its Role in Brain Development and Cognition. **2012**, 29-52 1
- 70 Safe Nuclear Factor-kappa B Inhibitor for Cachexia Management. **2012**, 14, 129-138
- 69 Stress-Driven Endocytosis of Tyrosine-Phosphorylated EGFR Leads to Tumorigenesis: The Critical Role of Oxidative Stress. **2013**, 303-325
- 68 Vitamins E and C. **2013**, 127-156
- 67 Oxidative Stress and the Proteasome: Mechanisms and Therapeutic Relevance. *Resistance To Targeted Anti-cancer Therapeutics*, **2014**, 249-274 0.3 2
- 66 Role of Antioxidant Signaling in Mitochondrial Adaptation to Muscle Contraction. **2014**, 3117-3140
- 65 Congestive Heart Failure. **2014**, 282-313
- 64 Oxidative Stress in Skeletal Muscle Function and Dysfunction. **2014**, 373-390
- 63 Melanoma and Oxidative Stress. **2014**, 642-656
- 62 Oxidant-Regulated Gene Expression in Inflammatory Lung Disease. **1998**, 187-195
- 61 Antioxidant enzyme response to exercise and training in the skeletal muscle. **1998**, 103-125 1
- 60 Lipoic Acid: A Metabolic Antioxidant and Redox Modulator of Signal Transduction. **1998**, 33-46
- 59 Embryonic Liver Degeneration and Increased Sensitivity Towards Heavy Metal and H₂O₂ in Mice Lacking the Metal-Responsive Transcription Factor MTF-1. **1999**, 339-352

58	Lipid mediators stimulate reactive oxygen species formation in immortalized human keratinocytes. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 469, 413-8	3.6	
57	Metals, Metalloids and Oxidative Stress. 1999 , 53-95		
56	Redox Regulation of Cellular Responses by Lipoic Acid. 1999 , 321-338		
55	Redox-Oriented Chemical Events in Signal Transduction in Cells. 1999 , 199-226		
54	Gene-Environment Interaction in Oxidative Stress-Induced Pathologies. 2015 , 75-90		
53	Expression of transcription factor NF-KAPPA B/P65 and cyclooxygenase-2 (COX-2) in testicular damage induced by Red Bull energy drink in rat. <i>International Journal of Advanced and Applied Sciences</i> , 2016 , 3, 49-56	1.2	0
52	Pharmacological Prevention of the Toxicity Induced by Environmental Nanomaterials. 2018 , 247-274		
51	Phase 0 of the Xenobiotic Response: Nuclear Receptors and Other Transcription Factors as a First Step in Protection from Xenobiotics. <i>Nuclear Receptor Research</i> , 2019 , 6,	1.4	1
50	Therapeutic effect of Vitamin E in preventing bone loss: An evidence-based review. <i>International Journal for Vitamin and Nutrition Research</i> , 2019 , 89, 357-370	1.7	3
49	The effects of 8 weeks aerobic training and intermittent hypoxia on lipid peroxidation and total antioxidant capacity in male Westar rats. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2019 , 41, 67-74	0	
48	[Mechanism of Inhibitory Effects of Cherry Bark-containing Jumihaidokuto on Benzoyl Peroxide Induced Erythema in Hairless Mice]. <i>Yakugaku Zasshi</i> , 2020 , 140, 1471-1476	0	
47	Role of Mitochondrial Oxygen and Nitrogen Reactive Species in Signaling. 2003 , 311-332		1
46	Metabolism and Gene Expression in Liver Regeneration. 2004 , 177-200		1
45	Apoptosis in Hepatocytes. 2004 , 93-106		
44	Oxidative Activation of Transcription Factor Pathways by Cigarette Smoke Oxidants. 2008 , 97-116		
43	Restoration of Immunocompetence in Aging and Other Inflammatory Disease States by Dehydroepiandrosterone-3-Sulfate, an Activator of the Peroxisome Proliferator-Activated Receptor Alpha (PPAR α)		
42	Investigational Drugs for the COVID 19 Pandemic A Concise Review. 2020 , 26, S36-S48		
41	Repression of gene expression by oxidative stress. <i>Biochemical Journal</i> , 1999 , 342 Pt 3, 481-96	3.8	90

40	Hypochlorous acid causes caspase activation and apoptosis or growth arrest in human endothelial cells. <i>Biochemical Journal</i> , 1999 , 344 Pt 2, 443-9	3.8	8
39	5-Hydroxytryptamine1A receptor/Gibetagamma stimulates mitogen-activated protein kinase via NAD(P)H oxidase and reactive oxygen species upstream of src in chinese hamster ovary fibroblasts. <i>Biochemical Journal</i> , 2000 , 347 Pt 1, 61-7	3.8	19
38	The repression of nuclear factor I/CCAAT transcription factor (NFI/CTF) transactivating domain by oxidative stress is mediated by a critical cysteine (Cys-427). <i>Biochemical Journal</i> , 2000 , 348 Pt 1, 235-40	3.8	3
37	Increase of mitochondria and mitochondrial DNA in response to oxidative stress in human cells. <i>Biochemical Journal</i> , 2000 , 348 Pt 2, 425-32	3.8	159
36	Regulation of Nramp1 mRNA stability by oxidants and protein kinase C in RAW264.7 macrophages expressing Nramp1(Gly169). <i>Biochemical Journal</i> , 2000 , 351 Pt 3, 687-96	3.8	8
35	Antioxidant gene expression in rat lung after exposure to cigarette smoke. <i>American Journal of Pathology</i> , 1998 , 152, 269-78	5.8	69
34	Oxidative stress and gene expression of antioxidant enzymes in the streptozotocin-induced diabetic rats under hyperbaric oxygen exposure. <i>International Journal of Clinical and Experimental Pathology</i> , 2009 , 3, 177-88	1.4	32
33	Comparison of Antioxidant Activity and Total Phenol Contents of some Date Seed Varieties from Iran. <i>Iranian Journal of Pharmaceutical Research</i> , 2010 , 9, 141-6	1.1	36
32	Role of dietary spices in modulating inflammation and oxidative stress. 2022 , 545-580		
31	Changes in Tear-Film Status and Ocular Surface Disease Index Score Following Prolonged Use of Face Mask. <i>Open Journal of Ophthalmology</i> , 2021 , 11, 253-265	0.2	0
30	Anticancer effects of acteoside: Mechanistic insights and therapeutic status.. <i>European Journal of Pharmacology</i> , 2021 , 916, 174699	5.3	4
29	Glutathione homeostasis in response to exercise training and nutritional supplements. <i>Molecular and Cellular Biochemistry</i> , 1999 , 196, 31-42	4.2	28
28	Differential role of hydrogen peroxide in UV-induced signal transduction. <i>Molecular and Cellular Biochemistry</i> , 2002 , 234-235, 81-90	4.2	16
27	Effect of DHLA on response of isolated rat urinary bladder to repetitive field stimulation. <i>Molecular and Cellular Biochemistry</i> , 2003 , 246, 129-35	4.2	2
26	Influence of dietary vitamin E and selenium supplementation on broilers subjected to heat stress, Part II: oxidative stress, immune response, gut integrity, and intestinal microbiota.. <i>Poultry Science</i> , 2022 , 101, 101858	3.9	2
25	Long-Term Dynamic Changes of NMDA Receptors Following an Excitotoxic Challenge.. <i>Cells</i> , 2022 , 11,	7.9	0
24	Vegetables and Their Bioactive Compounds as Anti-Aging Drugs.. <i>Molecules</i> , 2022 , 27,	4.8	3
23	Lacrimal gland homeostasis is maintained by the pathway by attenuating endoplasmic reticulum stress inflammation in the lacrimal gland of knockout mice.. <i>Molecular Vision</i> , 2021 , 27, 679-690	2.3	1

22	Effects of Intermittent Hypoxia in Training Regimes and in Obstructive Sleep Apnea on Aging Biomarkers and Age-Related Diseases: A Systematic Review. <i>Frontiers in Aging Neuroscience</i> , 14,	5.3	1
21	Site-specific decreases in DNA methylation in replicating cells following exposure to oxidative stress.		
20	Biophoton Radiations Induced by Hydrogen Peroxide in Mouse Liver Slices and Hepatocyte Nuclei in Relation to the Biophysical Action Mechanism of Reactive Oxygen Species. <i>Natural Science</i> , 2022 , 14, 217-225	0.5	0
19	Neuroprotective Effects of Oligosaccharides in Rehmanniae Radix on Transgenic Caenorhabditis elegans Models for Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 13,	5.6	1
18	Blood donation improves skin aging through the reduction of iron deposits and the increase of TGF- β in elderly skin. <i>Mechanisms of Ageing and Development</i> , 2022 , 205, 111687	5.6	0
17	LESTER PACKER: ON HIS LIFE AND HIS LEGACY.		
16	Effect of Expression of Nuclear-Encoded Cytochrome C Oxidase Subunit 4 Isoforms on Metabolic Profiles of Glioma Cells. 2022 , 12, 748		
15	Relationship Between the In Vitro Efficacy, Pharmacokinetics and In Vivo Efficacy of Curcumin. 2022 , 115251		0
14	Site-specific decreases in DNA methylation in replicating cells following exposure to oxidative stress.		0
13	The driving forces of sporadic cyanobacterial blooms in oligo-meso trophic waters: A case study of Fangbian Reservoir, Nanjing. 2022 , 34, 1452-1460		0
12	Intravenous Ascorbic Acid and Lung Function in Severely Ill COVID-19 Patients. 2022 , 12, 865		0
11	Redox balance and autophagy regulation in cancer progression and their therapeutic perspective. 2023 , 40,		1
10	An overview on role of nutrition on COVID-19 immunity: Accumulative review from available studies. 2022 ,		0
9	Unwinding the potentials of vitamin C in COVID-19 and other diseases: An updated review. 026010602211396		1
8	CpG Motifs in Bacterial DNA Activate Leukocytes Through the pH-Dependent Generation of Reactive Oxygen Species. 1998 , 160, 4755-4761		65
7	Cutting Edge: TRANK, a Novel Cytokine That Activates NF- κ B and c-Jun N-Terminal Kinase. 1998 , 161, 1-6		14
6	Nicotinamide-Adenine Dinucleotide Phosphate Oxidase Assembly and Activation in EBV-Transformed B Lymphoblastoid Cell Lines of Normal and Chronic Granulomatous Disease Patients. 1998 , 161, 4968-4974		2
5	Peroxynitrite Inhibits T Lymphocyte Activation and Proliferation by Promoting Impairment of Tyrosine Phosphorylation and Peroxynitrite-Driven Apoptotic Death. 1999 , 162, 3356-3366		29

4	Curcumin Blocks Cytokine-Mediated NF- κ B Activation and Proinflammatory Gene Expression by Inhibiting Inhibitory Factor I- κ B Kinase Activity. 1999 , 163, 3474-3483	82
3	Analysis of the Defect in IFN- γ Induction of MHC Class II Genes in G1B Cells: Identification of a Novel and Functionally Critical Leucine-Rich Motif (62-LYLYLQL-68) in the Regulatory Factor X 5 Transcription Factor. 1999 , 163, 6622-6630	4
2	Preventive and Therapeutic Effects of Punica granatum L. Polyphenols in Neurological Conditions. 2023 , 24, 1856	0
1	Superoxide targeted Turn-on Fluorescence sensing enabled by a diselenide based quinoline probe and its in vitro anticancer activity in cancer cells. 2023 , 47, 6653-6660	0