

Oxidative stress as a mediator of apoptosis

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Urea and spinal cord trauma. <i>Neurology</i> , 1963, 13, 69-69. | 1.5 | 39 |
| 2 | Divergent signalling via APO-1/Fas and the TNF receptor, two homologous molecules involved in physiological cell death.. <i>EMBO Journal</i> , 1994, 13, 4587-4596. | 3.5 | 279 |
| 3 | Neutrophil-derived Oxidants and Proteinases as Immunomodulatory Mediators in Inflammation. <i>Mediators of Inflammation</i> , 1994, 3, 257-273. | 1.4 | 36 |
| 4 | Recessive mutations in a common pathway block thymocyte apoptosis induced by multiple signals.. <i>Journal of Cell Biology</i> , 1994, 127, 1729-1742. | 2.3 | 23 |
| 5 | Apoptosis, anti-apoptotic compounds and TNF- α release. <i>Trends in Immunology</i> , 1994, 15, 495-496. | 7.5 | 18 |
| 6 | Oxidative stress and apoptosis. <i>Trends in Immunology</i> , 1994, 15, 496. | 7.5 | 25 |
| 7 | Oxidative stress and apoptosis in HIV infection: a role for plant-derived metabolites with synergistic antioxidant activity. <i>Trends in Immunology</i> , 1994, 15, 209-213. | 7.5 | 132 |
| 8 | Pharmacological inhibition of programmed lymphocyte death. <i>Trends in Immunology</i> , 1994, 15, 235-242. | 7.5 | 73 |
| 9 | Signal transduction pathways to apoptosis. <i>Trends in Cell Biology</i> , 1994, 4, 370-375. | 3.6 | 147 |
| 10 | Apoptosis and Its Role in Human Disease. <i>Bio/technology</i> , 1994, 12, 487-493. | 1.9 | 205 |
| 11 | Signalling and Chromatin Fragmentation in Thymocyte Apoptosis. <i>Immunological Reviews</i> , 1994, 142, 343-363. | 2.8 | 70 |
| 12 | H2O2 from the oxidative burst orchestrates the plant hypersensitive disease resistance response. <i>Cell</i> , 1994, 79, 583-593. | 13.5 | 2,602 |
| 13 | Alloimmune hierarchies and stress-induced reversals in the resorption of chimeric protochordate colonies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1994, 258, 215-220. | 1.2 | 12 |
| 14 | Pyrrolidine dithiocarbamate, a potent inhibitor of nuclear factor κ B (NF- κ B) activation, prevents apoptosis in human promyelocytic leukemia HL-60 cells and thymocytes. <i>Biochemical Pharmacology</i> , 1994, 48, 1883-1889. | 2.0 | 222 |
| 15 | Bcl-2 protects from oxidative damage and apoptotic cell death without interfering with activation of NF- κ B by TNF. <i>FEBS Letters</i> , 1994, 351, 45-48. | 1.3 | 90 |
| 16 | No requirement of reactive oxygen intermediates in Fas-mediated apoptosis. <i>FEBS Letters</i> , 1994, 351, 311-313. | 1.3 | 100 |
| 17 | A role for metals and free radicals in the induction of apoptosis in thymocytes. <i>FEBS Letters</i> , 1994, 352, 58-62. | 1.3 | 155 |
| 18 | Can hemolytic streptococci be considered "forefathers" of modern phagocytes? Both cell types freely migrate in tissues and destroy host cells by a "synergistic cross-talk" among their secreted agonists. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1994, 109, 147-158. | 0.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Neurones and glial cells of the mouse sciatic nerve undergo apoptosis after injury in vivo and in vitro. <i>NeuroReport</i> , 1995, 6, 1029-1032. | 0.6 | 59 |
| 20 | Involvement of oxidants and oxidant-generating enzyme(s) in tumour-necrosis-factor- α -mediated apoptosis: role for lipoxygenase pathway but not mitochondrial respiratory chain. <i>Biochemical Journal</i> , 1995, 310, 133-141. | 1.7 | 164 |
| 21 | The mechanism of apoptosis, cell membrane lipid peroxidation and a novel in vivo function for antioxidant vitamin E (α -tocopherol). <i>Redox Report</i> , 1995, 1, 159-161. | 1.4 | 5 |
| 22 | UVB-Dependent Modulation of Epidermal Cytokine Network: Roles in UVB-Induced Depletion of Langerhans Cells and Dendritic Epidermal T Cells. <i>Journal of Dermatology</i> , 1995, 22, 876-887. | 0.6 | 20 |
| 23 | Apoptosis in Viral Infections. <i>Advances in Virus Research</i> , 1995, 45, 1-60. | 0.9 | 205 |
| 24 | Tumor Type Is a Determinant of Susceptibility to Apoptosis. <i>American Journal of Clinical Pathology</i> , 1995, 103, 300-307. | 0.4 | 437 |
| 25 | Nitron spin traps and a nitroxide antioxidant inhibit a common pathway of thymocyte apoptosis. <i>Biochemical Journal</i> , 1995, 306, 771-778. | 1.7 | 189 |
| 26 | bcl-2, a novel regulator of cell death. <i>BioEssays</i> , 1995, 17, 631-638. | 1.2 | 126 |
| 27 | Involvement of cAMP in CD3 T cell receptor complex- and CD2-mediated apoptosis of human thymocytes. <i>European Journal of Immunology</i> , 1995, 25, 1798-1801. | 1.6 | 30 |
| 28 | Functional alterations of human blood monocytes after exposure to various nickel compounds in vitro: an effect on the production of hydrogen peroxide. <i>Immunology Letters</i> , 1995, 45, 117-121. | 1.1 | 6 |
| 29 | Effects of N-acetyl-L-cysteine on T-cell apoptosis are not mediated by increased cellular glutathione. <i>Immunology Letters</i> , 1995, 45, 205-209. | 1.1 | 102 |
| 30 | Acute <i>Plasmodium falciparum</i> infection is associated with increased percentages of apoptotic cells. <i>Immunology Letters</i> , 1995, 46, 59-62. | 1.1 | 46 |
| 31 | Alzheimer's disease: fundamental and therapeutic aspects. <i>Experientia</i> , 1995, 51, 99-105. | 1.2 | 29 |
| 32 | Synergistic effects among oxidants, membrane-damaging agents, fatty acids, proteinases, and xenobiotics: Killing of epithelial cells and release of arachidonic acid. <i>Inflammation</i> , 1995, 19, 101-118. | 1.7 | 37 |
| 33 | Poly(ADP-ribosyl)ation as a fail-safe, transcription-independent, suicide mechanism in acutely DNA-damaged cells: A hypothesis. <i>Radiation and Environmental Biophysics</i> , 1995, 34, 251-254. | 0.6 | 15 |
| 34 | Suppression of Experimental Autoimmune Myasthenia Gravis After CD8 Depletion is Associated with Decreased IFN- γ and IL-4. <i>Scandinavian Journal of Immunology</i> , 1995, 42, 457-465. | 1.3 | 14 |
| 35 | Temporal Profile of in situ DNA Fragmentation after Transient Middle Cerebral Artery Occlusion in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 389-397. | 2.4 | 463 |
| 36 | Programmed cell death and Bcl-2 protection in very low oxygen. <i>Nature</i> , 1995, 374, 814-816. | 13.7 | 659 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Histopathologic features seen in sulfur mustard induced cutaneous lesions in hairless guinea pigs. <i>Journal of Cutaneous Pathology</i> , 1995, 22, 260-268. | 0.7 | 45 |
| 38 | Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists, 1994: FREE RADICAL TOXICOLOGY AND ANTIOXIDANT DEFENCE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, 877-880. | 0.9 | 23 |
| 39 | NMDA and Kainate Induce Internucleosomal DNA Cleavage Associated With Both Apoptotic and Necrotic Cell Death in the Neonatal Rat Brain. <i>European Journal of Neuroscience</i> , 1995, 7, 1627-1640. | 1.2 | 128 |
| 40 | Signaling by HLA class II antigens on B cells. <i>Trends in Immunology</i> , 1995, 16, 548. | 7.5 | 4 |
| 41 | The basis of autoimmunity: part II genetic predisposition. <i>Trends in Immunology</i> , 1995, 16, 150-159. | 7.5 | 202 |
| 42 | The killer and the executioner: how apoptosis controls malignancy. <i>Current Opinion in Immunology</i> , 1995, 7, 694-703. | 2.4 | 95 |
| 43 | Selective inhibitors of 5-lipoxygenase reduce CML blast cell proliferation and induce limited differentiation and apoptosis. <i>Leukemia Research</i> , 1995, 19, 789-801. | 0.4 | 54 |
| 44 | Oxidative metabolism in sepsis and sepsis syndrome. <i>Journal of Critical Care</i> , 1995, 10, 122-135. | 1.0 | 45 |
| 45 | c-Myc and apoptosis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1995, 1242, 11-28. | 3.3 | 127 |
| 46 | Apoptosis in the pathogenesis and treatment of disease. <i>Science</i> , 1995, 267, 1456-1462. | 6.0 | 6,299 |
| 47 | Induction of apoptosis in lymphoid cells by thiol-mediated oxidative stress. <i>Protoplasma</i> , 1995, 184, 181-187. | 1.0 | 9 |
| 48 | Role of Endothelial Cells in Transplantation (Part 2 of 2). <i>International Archives of Allergy and Immunology</i> , 1995, 106, 315-322. | 0.9 | 0 |
| 49 | Regulation of apoptosis induced by the retinoid N-(4-hydroxyphenyl) retinamide and effect of deregulated bcl-2. <i>Blood</i> , 1995, 85, 359-367. | 0.6 | 151 |
| 50 | Increased levels of oxidized glutathione in CD4+ lymphocytes associated with disturbed intracellular redox balance in human immunodeficiency virus type 1 infection. <i>Blood</i> , 1995, 86, 258-267. | 0.6 | 123 |
| 51 | Decreased levels of total and reduced glutathione in CD4+ lymphocytes in common variable immunodeficiency are associated with activation of the tumor necrosis factor system: possible immunopathogenic role of oxidative stress. <i>Blood</i> , 1995, 86, 1383-1391. | 0.6 | 66 |
| 52 | The major histocompatibility complex region marked by HSP70-1 and HSP70- 2 variants is associated with clozapine-induced agranulocytosis in two different ethnic groups. <i>Blood</i> , 1995, 86, 3835-3840. | 0.6 | 75 |
| 53 | Neuroimmunodegeneration: do neurons and T cells use common pathways for cell death?. <i>FASEB Journal</i> , 1995, 9, 1147-1156. | 0.2 | 28 |
| 54 | The biochemistry of programmed cell death. <i>FASEB Journal</i> , 1995, 9, 1277-1287. | 0.2 | 972 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Hypoxic-ischemic Encephalopathy: Therapeutic Approaches Against Microvascular Injury, and Role of Neutrophils, PAF, and Free Radicals. <i>Clinics in Perinatology</i> , 1995, 22, 481-517. | 0.8 | 101 |
| 56 | The Effect of Aurintricarboxylic Acid, an Endonuclease Inhibitor, on Ischemia/Reperfusion Damage in Rat Retina. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1995, 11, 253-259. | 0.6 | 25 |
| 57 | Redox Regulation of Programmed Cell Death in Lymphocytes. <i>Free Radical Research</i> , 1995, 22, 389-397. | 1.5 | 131 |
| 58 | Participation of Reactive Oxygen Species in the Lysophosphatidic Acid-stimulated Mitogen-activated Protein Kinase Kinase Activation Pathway. <i>Journal of Biological Chemistry</i> , 1995, 270, 28499-28502. | 1.6 | 166 |
| 59 | Recognition of oxidatively damaged and apoptotic cells by an oxidized low density lipoprotein receptor on mouse peritoneal macrophages: role of membrane phosphatidylserine.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 1396-1400. | 3.3 | 284 |
| 60 | Induction of Oxidative Stress by Okadaic Acid Is Required for Activation of Transcription Factor NF- κ B. <i>Journal of Biological Chemistry</i> , 1995, 270, 27136-27142. | 1.6 | 165 |
| 61 | DIFFERENTIAL RESPONSES OF HUMAN TUMOR-CELLS TO POLYUNSATURATED FATTY-ACIDS - STIMULATION OF PROLIFERATION OF A COLON-TUMOR CELL-LINE BY DOCOSAHEXAENOIC ACID. <i>International Journal of Oncology</i> , 1995, 7, 927-33. | 1.4 | 0 |
| 62 | FREE-RADICALS DEPENDENT AND INDEPENDENT PATHWAYS OF CDDP-MEDIATED CYTOTOXICITY AND APOPTOSIS IN OVARIAN TUMOR-CELL LINES. <i>International Journal of Oncology</i> , 1995, 6, 1003-9. | 1.4 | 0 |
| 63 | Invited Review: Cell Damage in Inflammatory and Infectious Sites Might Involve A Coordinated "Cross-Talk" Among Oxidants, Microbial Haemolysins and Amphiphiles, Cationic Proteins, Phospholipases, Fatty Acids, Proteinases and Cytokines (An Overview). <i>Free Radical Research</i> , 1995, 22, 489-517. | 1.5 | 69 |
| 64 | The Pharmacology of T Cell Apoptosis. <i>Advances in Immunology</i> , 1995, 58, 211-296. | 1.1 | 66 |
| 65 | [5] Perthiols as antioxidants: Radical-scavenging and prooxidative mechanisms. <i>Methods in Enzymology</i> , 1995, 251, 55-69. | 0.4 | 68 |
| 66 | Evaluation of Cell Death in EB V-Transformed Lymphocytes Using Agarose Gel Electrophoresis, Light Microscopy and Electron Microscopy. Induction of Classic Apoptosis by the Bile Salt, Sodium Deoxycholate. <i>Leukemia and Lymphoma</i> , 1995, 19, 95-105. | 0.6 | 14 |
| 67 | Apoptosis Overview Emphasizing the Role of Oxidative Stress, DNA Damage and Signal- Transduction Pathways. <i>Leukemia and Lymphoma</i> , 1995, 19, 43-93. | 0.6 | 161 |
| 68 | Thiol agents and Bcl-2 identify an alphavirus-induced apoptotic pathway that requires activation of the transcription factor NF-kappa B.. <i>Journal of Cell Biology</i> , 1995, 131, 1149-1161. | 2.3 | 250 |
| 69 | The role of intracellular oxidants in apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1995, 1271, 59-62. | 1.8 | 250 |
| 70 | Influence of polyunsaturated fatty acids on lipid metabolism in human blood mononuclear cells and early biochemical events associated with lymphocyte activation. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1995, 11, 63-79. | 1.0 | 15 |
| 71 | Treatment of colorectal cancer metastases confined to the liver. <i>European Journal of Cancer</i> , 1995, 31, 1238-1242. | 1.3 | 23 |
| 72 | Mechanisms for nitric oxide-induced cell death: Involvement of apoptosis. <i>Advances in Neuroimmunology</i> , 1995, 5, 411-420. | 1.8 | 108 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | A signaling pathway coupled to T cell receptor ligation by MMTV superantigen leading to transient activation and programmed cell death. <i>Immunity</i> , 1995, 2, 363-372. | 6.6 | 37 |
| 74 | The Bcl-2 family of proteins, and the regulation of neuronal survival. <i>Trends in Neurosciences</i> , 1995, 18, 355-358. | 4.2 | 142 |
| 75 | Dopamine-induced programmed cell death in mouse thymocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1268, 171-177. | 1.9 | 109 |
| 76 | Localization of Fas antigen mRNA induced in posts ischemic murine forebrain by in situ hybridization. <i>Molecular Brain Research</i> , 1995, 34, 166-172. | 2.5 | 77 |
| 77 | Sulfur mustard: Its continuing threat as a chemical warfare agent, the cutaneous lesions induced, progress in understanding its mechanism of action, its long-term health effects, and new developments for protection and therapy. <i>Journal of the American Academy of Dermatology</i> , 1995, 32, 765-776. | 0.6 | 141 |
| 78 | Effects of antioxidants on the anti-proliferation induced by protein synthesis inhibitors in human brain tumor cells. <i>Cancer Letters</i> , 1995, 93, 157-163. | 3.2 | 11 |
| 79 | Adjuvant Therapy with Essential Fatty Acids (EFAs) for primary liver tumors: Some hypotheses. <i>Medical Hypotheses</i> , 1995, 44, 149-154. | 0.8 | 8 |
| 80 | Neutrophil-macrophage Interaction: a paradigm for chronic inflammation. <i>Medical Hypotheses</i> , 1995, 44, 58-62. | 0.8 | 21 |
| 81 | Apoptosis and necrosis: Dynamics of structural changes in cells cultivated in vitro after treatment with xenobiotics. <i>Toxicology in Vitro</i> , 1995, 9, 387-396. | 1.1 | 10 |
| 82 | Comparison of the delivery of reduced glutathione into P388D1 cells by reduced glutathione and its mono- and diethyl ester derivatives. <i>Biochemical Pharmacology</i> , 1995, 49, 1475-1482. | 2.0 | 25 |
| 83 | Inhibition of apoptosis by antioxidants in the human HL-60 leukemia cell line. <i>Biochemical Pharmacology</i> , 1995, 50, 1021-1029. | 2.0 | 169 |
| 84 | Effect of neopterin and 7,8-dihydroneopterin on tumor necrosis factor- α induced programmed cell death. <i>FEBS Letters</i> , 1995, 364, 234-238. | 1.3 | 66 |
| 85 | Lipid hydroperoxide-induced apoptosis: lack of inhibition by Bcl-2 over-expression. <i>FEBS Letters</i> , 1995, 365, 66-70. | 1.3 | 97 |
| 86 | Neuronal Apoptosis: Current Understanding of Molecular Mechanisms and Potential Role in Ischemic Brain Injury. <i>Journal of Neurotrauma</i> , 1995, 12, 843-852. | 1.7 | 162 |
| 87 | Involvement of programmed cell death in preimplantation embryo demise. <i>Human Reproduction Update</i> , 1995, 1, 558-566. | 5.2 | 66 |
| 88 | Immunocytochemical study of cytochrome P450 (1A1/1A2) induction in murine ocular tissues. <i>Experimental Eye Research</i> , 1995, 60, 143-152. | 1.2 | 29 |
| 89 | Role of Apoptosis in Biology and Pathology: Resistance to Apoptosis in Colon Carcinogenesis. <i>Ultrastructural Pathology</i> , 1995, 19, 221-248. | 0.4 | 82 |
| 90 | Up-regulation of ferritin heavy chain mRNA expression in the rat skeletal muscle after denervation: detected by means of differential display. <i>Neuroscience Research</i> , 1995, 23, 353-360. | 1.0 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Apoptosis-induced concomitant release of cytosolic proteins and factors which prevent cell death. <i>Biology of the Cell</i> , 1996, 88, 15-22. | 0.7 | 10 |
| 92 | Apoptosis and ovarian function. <i>Reproduction</i> , 1996, 1, 162-172. | 2.0 | 339 |
| 93 | Radiation-Induced Apoptosis in Thymocytes: Inhibition by Diethylthiocarbamate and Zinc. <i>Radiation Research</i> , 1996, 146, 652. | 0.7 | 14 |
| 94 | Topoisomerase poisons activate the transcription factor NF-kappaB in ACH-2 and CEM cells. <i>Nucleic Acids Research</i> , 1996, 24, 4242-4248. | 6.5 | 110 |
| 95 | Drug-induced <i>in vitro</i> inhibition of neutrophil-endothelial cell adhesion. <i>British Journal of Pharmacology</i> , 1996, 118, 471-476. | 2.7 | 28 |
| 96 | Excessive apoptosis of mature T lymphocytes is a characteristic feature of human immune senescence. <i>Mechanisms of Ageing and Development</i> , 1996, 88, 25-38. | 2.2 | 70 |
| 97 | Effect of melatonin and pineal grafting on thymocyte apoptosis in aging mice. <i>Mechanisms of Ageing and Development</i> , 1996, 90, 1-19. | 2.2 | 55 |
| 98 | Nitric oxide induces cultured cortical neuron apoptosis. <i>Neuroscience Letters</i> , 1996, 208, 1-4. | 1.0 | 86 |
| 99 | Manganese and 1-methyl-4-(2-ethylphenyl)-1,2,3,6-tetrahydropyridine induce apoptosis in PC12 cells. <i>Neuroscience Letters</i> , 1996, 209, 193-196. | 1.0 | 57 |
| 100 | Role of oxygen free radicals in cancer development. <i>European Journal of Cancer</i> , 1996, 32, 30-38. | 1.3 | 685 |
| 101 | Apoptosis – Molecular mechanisms and biomedical implications. <i>Molecular Aspects of Medicine</i> , 1996, 17, 1-110. | 2.7 | 98 |
| 102 | 6-Hydroxydopamine induces thymocyte apoptosis in mice. <i>Journal of Neuroimmunology</i> , 1996, 65, 91-95. | 1.1 | 33 |
| 103 | Amyloid in alzheimer's disease and prion-related encephalopathies: Studies with synthetic peptides. <i>Progress in Neurobiology</i> , 1996, 49, 287-315. | 2.8 | 54 |
| 104 | Apoptosis – the cell's silent exit. <i>Life Sciences</i> , 1996, 59, 369-378. | 2.0 | 50 |
| 105 | Ebselen inhibition of apoptosis by reduction of peroxides. <i>Biochemical Pharmacology</i> , 1996, 51, 1443-1451. | 2.0 | 71 |
| 106 | Control of apoptosis by the cellular ATP level. <i>FEBS Letters</i> , 1996, 378, 107-110. | 1.3 | 432 |
| 107 | Role of retinoic acid and oxidative stress in embryonic stem cell death and neuronal differentiation. <i>FEBS Letters</i> , 1996, 381, 93-97. | 1.3 | 56 |
| 108 | Nuclear DNA strand breaks during ethanol-induced oxidative stress in rat brain. <i>FEBS Letters</i> , 1996, 390, 153-156. | 1.3 | 83 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Mitochondria and programmed cell death: back to the future. FEBS Letters, 1996, 396, 7-13. | 1.3 | 459 |
| 110 | Bcl-2 Overexpression Blocks Activation of the Death Protease CPP32/Yama/Apopain. Biochemical and Biophysical Research Communications, 1996, 221, 340-345. | 1.0 | 63 |
| 111 | Early Cytoplasmic Acidification in Retinamide-Mediated Apoptosis of Human Promyelocytic Leukemia Cells. Biochemical and Biophysical Research Communications, 1996, 229, 681-685. | 1.0 | 10 |
| 112 | Mitochondrial oxidative phosphorylation changes in the life span. Molecular aspects and physiopathological implications. Biochimica Et Biophysica Acta - Bioenergetics, 1996, 1276, 87-105. | 0.5 | 238 |
| 113 | Neopterin and 7,8-dihydroneopterin induce apoptosis in the rat alveolar epithelial cell line L2. FEBS Letters, 1996, 397, 263-268. | 1.3 | 64 |
| 114 | Mitochondrial diseases and aging. Molecular Aspects of Medicine, 1996, 17, 511-563. | 2.7 | 20 |
| 115 | Thiol-mediated redox regulation of neutrophil apoptosis. Surgery, 1996, 120, 150-158. | 1.0 | 108 |
| 116 | Nutrition and apoptosis. Nutrition Research, 1996, 16, 1959-1987. | 1.3 | 21 |
| 118 | Nutrition and Immunity with Emphasis on Infection and Autoimmune Disease. Nutrition and Health, 1996, 10, 285-312. | 0.6 | 115 |
| 119 | Redox Signaling and the Control of Cell Growth and Death. Advances in Pharmacology, 1996, 38, 329-359. | 1.2 | 96 |
| 121 | Human hsp27, Drosophila hsp27 and human alphaB-crystallin expression-mediated increase in glutathione is essential for the protective activity of these proteins against TNFalpha-induced cell death.. EMBO Journal, 1996, 15, 2695-2706. | 3.5 | 506 |
| 122 | Apoptosis: mitochondria resurrected?. Journal of Experimental Medicine, 1996, 183, 1293-1295. | 4.2 | 63 |
| 123 | Ozone: a Mixed Blessing. Complementary Medicine Research, 1996, 3, 25-33. | 0.5 | 5 |
| 124 | Markedly disturbed glutathione redox status in CD45RA+CD4+ lymphocytes in human immunodeficiency virus type 1 infection is associated with selective depletion of this lymphocyte subset. Blood, 1996, 88, 2626-2633. | 0.6 | 20 |
| 125 | In vitro antioxidant treatment recovers proliferative responses of anergic CD4+ lymphocytes from human immunodeficiency virus-infected individuals. Blood, 1996, 87, 4746-4753. | 0.6 | 44 |
| 126 | Section Review Oncologic, Endocrine & Metabolic: Melatonin related to health promotion and biological function. Expert Opinion on Investigational Drugs, 1996, 5, 1647-1656. | 1.9 | 1 |
| 127 | Contrary Effects of Lightly and Strongly Oxidized LDL With Potent Promotion of Growth Versus Apoptosis on Arterial Smooth Muscle Cells, Macrophages, and Fibroblasts. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 416-424. | 1.1 | 171 |
| 128 | Exogenous Nucleotides Alter the Proliferation, Differentiation and Apoptosis of Human Small Intestinal Epithelium. Journal of Nutrition, 1996, 126, 424-433. | 1.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 129 | Elevated plasma concentration of reduced homocysteine in patients with human immunodeficiency virus infection. <i>American Journal of Clinical Nutrition</i> , 1996, 63, 242-248. | 2.2 | 51 |
| 130 | Role of Apoptosis in the Progression of Glomerulosclerosis. <i>Contributions To Nephrology</i> , 1996, 118, 41-47. | 1.1 | 9 |
| 131 | Apoptosis of human seminoma cells upon disruption of their microenvironment. <i>British Journal of Cancer</i> , 1996, 73, 1031-1036. | 2.9 | 23 |
| 132 | Inhibition of the pyridine nucleotide-linked mitochondrial Ca ²⁺ release by 4-hydroxynonenal: the role of thiolate-disulfide conversion. <i>Redox Report</i> , 1996, 2, 353-358. | 1.4 | 8 |
| 133 | Section Reviews: Biologicals & Immunologicals: Sjögren's syndrome: Pathogenesis and prospects for therapy. <i>Expert Opinion on Investigational Drugs</i> , 1996, 5, 1127-1153. | 1.9 | 0 |
| 134 | The organization of the human GSTP1-1 gene promoter and its response to retinoic acid and cellular redox status. <i>Biochemical Journal</i> , 1996, 313, 155-161. | 1.7 | 101 |
| 135 | 1,10-Phenanthroline stimulates internucleosomal DNA fragmentation in isolated rat-liver nuclei by promoting the redox activity of endogenous copper ions. <i>Biochemical Journal</i> , 1996, 313, 163-169. | 1.7 | 94 |
| 136 | Research communication copper-1,10-phenanthroline induces internucleosomal DNA fragmentation in HepG2 cells, resulting from direct oxidation by the hydroxyl radical. <i>Biochemical Journal</i> , 1996, 317, 13-16. | 1.7 | 102 |
| 137 | Dithiocarbamates and the redox regulation of cell death. <i>Biochemical Society Transactions</i> , 1996, 24, 1032-1038. | 1.6 | 116 |
| 138 | Cellular oxidative stress and the control of apoptosis by wild-type p53, cytotoxic compounds, and cytokines.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9166-9171. | 3.3 | 140 |
| 139 | Surface thiols of human lymphocytes and their changes after in vitro and in vivo activation. <i>Journal of Leukocyte Biology</i> , 1996, 60, 611-618. | 1.5 | 89 |
| 140 | Superoxide anion is a natural inhibitor of FAS-mediated cell death.. <i>EMBO Journal</i> , 1996, 15, 216-225. | 3.5 | 221 |
| 141 | Mechanisms involved in sodium arsenite-induced apoptosis of human neutrophils. <i>Journal of Leukocyte Biology</i> , 1996, 60, 625-632. | 1.5 | 62 |
| 142 | CD95/Fas/Apo-1-Mediated Signal Transduction. <i>Cellular Physiology and Biochemistry</i> , 1996, 6, 345-360. | 1.1 | 12 |
| 143 | Apoptosis induced by selenium in human glioma cell lines. <i>Biological Trace Element Research</i> , 1996, 54, 123-134. | 1.9 | 59 |
| 144 | Glutathione, oxidative stress and aging. <i>Age</i> , 1996, 19, 129-139. | 3.0 | 49 |
| 145 | Pharmacology of methylglyoxal: formation, modification of proteins and nucleic acids, and enzymatic detoxification-A role in pathogenesis and antiproliferative chemotherapy. <i>General Pharmacology</i> , 1996, 27, 565-573. | 0.7 | 533 |
| 146 | Conferring drug resistance by MDR1 gene transfection increases susceptibility to irradiation and lipid peroxidation in 3T3 cell line. <i>Free Radical Biology and Medicine</i> , 1996, 20, 601-606. | 1.3 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 147 | Decreased production of reactive oxygen intermediates is an early event during in vitro apoptosis of rat thymocytes. <i>Free Radical Biology and Medicine</i> , 1996, 20, 533-542. | 1.3 | 69 |
| 148 | The dual role of S-nitrosoglutathione (GSNO) during thymocyte apoptosis. <i>Cellular Signalling</i> , 1996, 8, 173-177. | 1.7 | 43 |
| 149 | The genotoxicity and carcinogenicity of paracetamol: a regulatory (re) view. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 349, 263-288. | 0.4 | 96 |
| 150 | Light damage revisited: converging evidence, diverging views?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1996, 234, 2-11. | 1.0 | 78 |
| 151 | The presence of calbindin in rat cortical neurons protects in vitro from oxydative stress. <i>Brain Research</i> , 1996, 707, 288-292. | 1.1 | 37 |
| 152 | Stimulation of N-methyl-d-aspartate receptors induces apoptosis in rat brain. <i>Brain Research</i> , 1996, 725, 166-176. | 1.1 | 26 |
| 153 | In situ demonstration of T cell activation and elimination in the peripheral nervous system during experimental autoimmune neuritis in the Lewis rat. <i>Acta Neuropathologica</i> , 1996, 91, 360-367. | 3.9 | 42 |
| 154 | Apoptosis-the story so far.... <i>Experientia</i> , 1996, 52, 933-941. | 1.2 | 72 |
| 155 | Apoptosis in blood diseases Review - new data. <i>Hematology and Cell Therapy</i> , 1996, 38, 253-264. | 0.7 | 13 |
| 156 | Selenium-mediated inhibition of transcription factor NF- κ B and HIV-1 LTR promoter activity. <i>Archives of Toxicology</i> , 1996, 70, 277-283. | 1.9 | 105 |
| 157 | Molecular aspects of osteoclast function. <i>Inflammation Research</i> , 1996, 45, 1-9. | 1.6 | 50 |
| 158 | Radiation induced apoptosis. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1996, 366, 171-179. | 3.0 | 77 |
| 159 | Apoptosis or Necrosis Following Photofrin [®] Photosensitization: Influence of the Incubation Protocol. <i>Photochemistry and Photobiology</i> , 1996, 64, 182-187. | 1.3 | 166 |
| 160 | Ethanol-Induced Apoptosis and Oxidative Stress in Hepatocytes. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 340A-346A. | 1.4 | 75 |
| 161 | Reactive oxygen species and programmed cell death. <i>Trends in Biochemical Sciences</i> , 1996, 21, 83-86. | 3.7 | 670 |
| 162 | Thiols prevent Fas (CD95)-mediated T cell apoptosis by down-regulating membrane Fas expression. <i>European Journal of Immunology</i> , 1996, 26, 2981-2988. | 1.6 | 48 |
| 163 | Reactive oxygen species inducible by low-intensity laser irradiation alter DNA synthesis in the haemopoietic cell line U937. , 1996, 19, 201-206. | | 45 |
| 164 | Reactive oxygen species in developmental toxicity: Review and hypothesis. , 1996, 53, 196-217. | | 143 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 165 | Modulation of radiation-induced apoptosis by lazardoids. Radiation Oncology Investigations, 1996, 4, 66-73. | 1.3 | 0 |
| 166 | Enhancement of survivability of mammalian cells by overexpression of the apoptosis-suppressor gene bcl-2. , 1996, 52, 166-175. | | 85 |
| 167 | Arsenite induces apoptosis in chinese hamster ovary cells by generation of reactive oxygen species. , 1996, 169, 256-268. | | 217 |
| 168 | CD4+ lymphocytes from HIV-infected patients display impaired CD45-associated tyrosine phosphatase activity which is enhanced by anti-oxidants. Clinical and Experimental Immunology, 1996, 104, 11-17. | 1.1 | 18 |
| 169 | Heat shock-enhanced T cell apoptosis with heat shock protein 70 on T cell surface in multicentric Castleman's disease. Clinical and Experimental Immunology, 1996, 106, 351-356. | 1.1 | 12 |
| 170 | Apoptosis in the heart: when and why?. Molecular and Cellular Biochemistry, 1996, 163-164, 261-275. | 1.4 | 107 |
| 171 | Neuronal apoptosis versus necrosis induced by glutamate or free radicals. Apoptosis: an International Journal on Programmed Cell Death, 1996, 1, 5-10. | 2.2 | 17 |
| 172 | Editorial review: Apoptosis and its role in immunity. Apoptosis: an International Journal on Programmed Cell Death, 1996, 1, 227-230. | 2.2 | 1 |
| 173 | The cell biology of apoptosis: Evidence for the implication of mitochondria. Apoptosis: an International Journal on Programmed Cell Death, 1996, 1, 231-242. | 2.2 | 40 |
| 174 | Regulation of T Cell Apoptosis via T Cell Receptors and Steroid Receptors. Stem Cells, 1996, 14, 632-641. | 1.4 | 47 |
| 175 | Merkel cells and Merkel cell carcinoma express the BCL-2 proto-oncogene. Experimental Dermatology, 1996, 5, 102-107. | 1.4 | 8 |
| 176 | Merkel cells and Merkel cell carcinoma express the BCL-2 proto-oncogene. Experimental Dermatology, 1996, 5, 183-188. | 1.4 | 18 |
| 177 | Differential expression of platelet activation markers in aspirin-sensitive asthmatics and normal subjects. Clinical and Experimental Allergy, 1996, 26, 202-215. | 1.4 | 7 |
| 178 | Oxidative stress induces tyrosine phosphorylation of PDGF α - and β -receptors and pp60 ^c src in mesangial cells. Kidney International, 1996, 50, 164-173. | 2.6 | 81 |
| 179 | Apoptosis in Focal Cerebral Ischemia. , 1996, 66, 21-26. | | 65 |
| 180 | Glutathione Levels and Sensitivity to Apoptosis Are Regulated by Changes in Transaldolase Expression. Journal of Biological Chemistry, 1996, 271, 32994-33001. | 1.6 | 174 |
| 181 | RRR- α -tocopheryl succinate induces apoptosis in avian retrovirus-transformed lymphoid cells. Nutrition and Cancer, 1996, 25, 9-26. | 0.9 | 42 |
| 182 | Modulation of Apoptosis with Cytokines in B-Cell Chronic Lymphocytic Leukaemia. Leukemia and Lymphoma, 1996, 21, 369-377. | 0.6 | 53 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 183 | Oxidation of Sulfhydryl Groups of Ribonuclease Inhibitor in Epithelial Cells Is Sufficient for Its Intracellular Degradation. <i>Journal of Biological Chemistry</i> , 1996, 271, 18638-18642. | 1.6 | 66 |
| 184 | Rapid and Specific Efflux of Reduced Glutathione during Apoptosis Induced by Anti-Fas/APO-1 Antibody. <i>Journal of Biological Chemistry</i> , 1996, 271, 15420-15427. | 1.6 | 316 |
| 185 | Influence of Oxygen Partial Pressure on Human and Mouse Myeloid Cell Line Characteristics. <i>Toxicological Sciences</i> , 1996, 29, 287-293. | 1.4 | 3 |
| 186 | Identification of a Novel Growth-Promoting Factor with a Wide Target Cell Spectrum from Various Tumor Cells as Catalase. <i>Journal of Biochemistry</i> , 1996, 120, 725-730. | 0.9 | 17 |
| 187 | The heat-shock response attenuates lipopolysaccharide-mediated apoptosis in cultured sheep pulmonary artery endothelial cells.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1996, 15, 745-751. | 1.4 | 82 |
| 188 | Melatonin in Relation to Cellular Antioxidative Defense Mechanisms. <i>Hormone and Metabolic Research</i> , 1997, 29, 363-372. | 0.7 | 249 |
| 189 | Melatonin, Immune Modulation and Aging. <i>Autoimmunity</i> , 1997, 26, 43-53. | 1.2 | 20 |
| 190 | Implication of Mitochondrial Hydrogen Peroxide Generation in Ceramide-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 1997, 272, 21388-21395. | 1.6 | 449 |
| 191 | Oxidative Protein Damage and Degradation in Lymphocytes from Patients Infected with Human Immunodeficiency Virus. <i>Journal of Infectious Diseases</i> , 1997, 176, 655-664. | 1.9 | 28 |
| 192 | Reactive oxygen species, mitochondria, apoptosis and aging. , 1997, , 305-319. | | 120 |
| 193 | Role of antioxidants and intracellular free radicals in retinamide- induced cell death. <i>Carcinogenesis</i> , 1997, 18, 943-948. | 1.3 | 112 |
| 194 | hsp27 as a Switch between Differentiation and Apoptosis in Murine Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 31657-31665. | 1.6 | 195 |
| 195 | Tumor Necrosis Factor- α Increases ATP Content in Metabolically Inhibited L929 Cells Preceding Cell Death. <i>Journal of Biological Chemistry</i> , 1997, 272, 30167-30177. | 1.6 | 49 |
| 196 | Daunorubicin Activates NF κ B and Induces κ B-dependent Gene Expression in HL-60 Promyelocytic and Jurkat T Lymphoma Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 12952-12960. | 1.6 | 109 |
| 197 | trans-Activation of the HIV Type 1 Promoter by 7,8-Dihydroneopterinin Vitro. <i>AIDS Research and Human Retroviruses</i> , 1997, 13, 173-178. | 0.5 | 19 |
| 198 | Glucocorticoid-Induced Apoptosis. <i>Advances in Pharmacology</i> , 1997, 41, 247-270. | 1.2 | 17 |
| 199 | Involvement of Reactive Oxygen Species in N-(4-Hydroxyphenyl)retinamide-Induced Apoptosis in Cervical Carcinoma Cells. <i>Journal of the National Cancer Institute</i> , 1997, 89, 1191-1198. | 3.0 | 201 |
| 200 | Defects in intracellular oxidative metabolism of neutrophils undergoing apoptosis. <i>Journal of Leukocyte Biology</i> , 1997, 61, 481-488. | 1.5 | 41 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 201 | Increased bax and Interleukin-1 β -Converting Enzyme Messenger Ribonucleic Acid Levels Coincide with Apoptosis in the Bovine Corpus Luteum during Structural Regression ¹ . <i>Biology of Reproduction</i> , 1997, 56, 186-193. | 1.2 | 111 |
| 202 | Apoptosis in Epithelial Hyperplastic Laryngeal Lesions. <i>Acta Oto-Laryngologica</i> , 1997, 117, 25-29. | 0.3 | 43 |
| 203 | Nitric oxide co-operates with hydrogen peroxide in inducing DNA fragmentation and cell lysis in murine lymphoma cells. <i>Biochemical Journal</i> , 1997, 321, 897-901. | 1.7 | 51 |
| 204 | ATP depletion inhibits glucocorticoid-induced thymocyte apoptosis. <i>Biochemical Journal</i> , 1997, 322, 909-917. | 1.7 | 58 |
| 205 | A novel type of glutathione peroxidase: expression and regulation during wound repair. <i>Biochemical Journal</i> , 1997, 326, 579-585. | 1.7 | 116 |
| 206 | Antioxidative Mechanism and Apoptosis Induction by 3-Hydroxyanthranilic Acid, an Antioxidant in Indonesian Food Tempeh, in the Human Hepatoma-Derived Cell Line, HuH-7.. <i>Journal of Nutritional Science and Vitaminology</i> , 1997, 43, 249-259. | 0.2 | 20 |
| 207 | An Adaptationist View of Apoptosis. <i>Quarterly Review of Biology</i> , 1997, 72, 135-147. | 0.0 | 33 |
| 208 | Oxidant-induced apoptosis: a consequence of lethal lysosomal leak?. <i>Redox Report</i> , 1997, 3, 65-70. | 1.4 | 31 |
| 209 | Effect of 6(5H)-phenanthridinone, a poly (ADP-ribose)polymerase inhibitor, and ionizing radiation on the growth of cultured lymphoma cells. <i>International Journal of Radiation Biology</i> , 1997, 72, 685-692. | 1.0 | 36 |
| 210 | Foundations in Cancer Research p53 and ATM: Cell Cycle, Cell Death, and Cancer. <i>Advances in Cancer Research</i> , 1997, 71, 1-25. | 1.9 | 267 |
| 211 | Mitochondrial Proliferation and Paradoxical Membrane Depolarization during Terminal Differentiation and Apoptosis in a Human Colon Carcinoma Cell Line. <i>Journal of Cell Biology</i> , 1997, 138, 449-469. | 2.3 | 287 |
| 212 | Thiol-mediated inhibition of FAS and CD2 apoptotic signaling in activated human peripheral T cells. <i>International Immunology</i> , 1997, 9, 117-125. | 1.8 | 71 |
| 213 | Changes in apoptosis of human polymorphonuclear granulocytes with aging. <i>Mechanisms of Ageing and Development</i> , 1997, 96, 15-34. | 2.2 | 136 |
| 214 | Inhibition of thymocyte apoptosis by berberine. <i>Biochemical Pharmacology</i> , 1997, 53, 1315-1322. | 2.0 | 38 |
| 215 | Thymosin β 1 antagonizes dexamethasone and CD3-induced apoptosis of CD4 ⁺ CD8 ⁺ thymocytes through the activation of cAMP and protein kinase C dependent second messenger pathways ¹ This work is supported, in part, by a grant from SciClone Pharmaceuticals, San Mateo, California, to M. Badamchian and a pre-doctoral fellowship from the Philip Morris Companies Inc. to C.A. Baumann. ¹ <i>Mechanisms of Ageing and Development</i> , 1997, 94, 85-101. | 2.2 | 51 |
| 216 | Correlates of p53- and Fas (CD95)-mediated apoptosis in Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 1997, 152, 73-83. | 0.3 | 292 |
| 217 | Molecular aspects of neuro-oncology. <i>Clinical Neurology and Neurosurgery</i> , 1997, 99, 184-195. | 0.6 | 12 |
| 218 | Chronic immune stimulation, oxidative stress, and apoptosis in HIV infection. <i>Biochemical Pharmacology</i> , 1997, 53, 755-763. | 2.0 | 60 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 219 | Reactive Oxygen Intermediates as Primary Signals and Second Messengers in the Activation of Transcription Factors. , 1997, , 239-259. | | 15 |
| 220 | Apoptosis of skeletal and cardiac muscles and physical exercise. <i>Aging Clinical and Experimental Research</i> , 1997, 9, 19-34. | 1.4 | 44 |
| 221 | Programmed Cell Death in Prokaryotes. <i>Critical Reviews in Microbiology</i> , 1997, 23, 207-214. | 2.7 | 91 |
| 222 | Effect of Concentration on the Cytotoxic Mechanism of Doxorubicinâ€”Apoptosis and Oxidative DNA Damage. <i>Biochemical and Biophysical Research Communications</i> , 1997, 230, 254-257. | 1.0 | 120 |
| 223 | Inhibition of Fas-Induced Apoptotic Cell Death by Osmotic Cell Shrinkage. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 517-521. | 1.0 | 35 |
| 224 | Large Unphosphorylated Aggregates as the Active Form of hsp27 Which Controls Intracellular Reactive Oxygen Species and Glutathione Levels and Generates a Protection against TNFÎ± in NIH-3T3-ras Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 187-192. | 1.0 | 204 |
| 225 | c-Jun/AP-1, but Not NF-Î²B, Is a Mediator for Oxidant-Initiated Apoptosis in Glomerular Mesangial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 496-501. | 1.0 | 87 |
| 226 | Susceptibility of Human Sperm to in Situ DNA Denaturation Is Strongly Correlated with DNA Strand Breaks Identified by Single-Cell Electrophoresis. <i>Experimental Cell Research</i> , 1997, 236, 231-237. | 1.2 | 202 |
| 227 | Light-induced Apoptosis: Differential Timing in the Retina and Pigment Epithelium. <i>Experimental Eye Research</i> , 1997, 64, 963-970. | 1.2 | 117 |
| 228 | Apoptotic Death of Olfactory Sensory Neurons in the Adult Rat. <i>Experimental Neurology</i> , 1997, 143, 132-140. | 2.0 | 45 |
| 229 | Apoptosis Occurs in Endothelial Cells during Hypertension-Induced Microvascular Rarefaction. <i>Journal of Structural Biology</i> , 1997, 118, 63-72. | 1.3 | 85 |
| 230 | Inducible Macrophage Apoptosis Following Sepsis Is Mediated by Cysteine Protease Activation and Nitric Oxide Release. <i>Journal of Surgical Research</i> , 1997, 70, 113-118. | 0.8 | 32 |
| 231 | Impact of alloimmunity on chronic tissue remodelling: role of cytokines and protective genes in the vessel wall. <i>Transplant Immunology</i> , 1997, 5, 277-281. | 0.6 | 3 |
| 232 | Cellular stress and apoptosis. <i>Toxicology in Vitro</i> , 1997, 11, 573-578. | 1.1 | 13 |
| 233 | Study of DNA damage induction and repair capacity of fresh and cryopreserved lymphocytes exposed to H ₂ O ₂ and ¹³⁷ Ir-irradiation with the alkaline comet assay. <i>Mutation Research DNA Repair</i> , 1997, 383, 71-80. | 3.8 | 140 |
| 234 | Apoptosis in pig endothelial cells after reperfusion and its prevention by genetic induction of human Cu, Zn-SOD cDNA. <i>Transplantation Proceedings</i> , 1997, 29, 1364. | 0.3 | 2 |
| 235 | The induction of apoptosis in proliferating human fibroblasts by oxygen radicals is associated with a p53- and p21WAF1/CIP1 induction. <i>FEBS Letters</i> , 1997, 404, 6-10. | 1.3 | 53 |
| 236 | Role of peroxide and superoxide anion during tumour cell apoptosis. <i>FEBS Letters</i> , 1997, 404, 27-33. | 1.3 | 201 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 237 | Resistance to apoptosis in Fanconi's anaemia. FEBS Letters, 1997, 409, 365-369. | 1.3 | 23 |
| 238 | Protective effects of the lipophilic redox conjugate tocopheryl succinyl-ethyl ferulate on HIV replication. FEBS Letters, 1997, 418, 15-18. | 1.3 | 5 |
| 239 | Detection of Deoxyribonucleic Acid Fragmentation in Human Sperm: Correlation with Fertilization in Vitro1. Biology of Reproduction, 1997, 56, 602-607. | 1.2 | 678 |
| 240 | GLUTATHIONE DEFICIENCY POTENTIATES MANGANESE TOXICITY IN RAT STRIATUM AND BRAINSTEM AND IN PC12 CELLS. Pharmacological Research, 1997, 36, 285-292. | 3.1 | 53 |
| 241 | Oxidant mechanisms in toxic acute renal failure. American Journal of Kidney Diseases, 1997, 29, 465-477. | 2.1 | 273 |
| 242 | Î²-Carotene and the role of intervention studies. Cancer Letters, 1997, 114, 329-331. | 3.2 | 21 |
| 243 | Suppressive factor or factors derived from head and neck squamous cell carcinoma induce apoptosis in activated lymphocytes. Otolaryngology - Head and Neck Surgery, 1997, 116, 458-465. | 1.1 | 3 |
| 244 | Role of oxidative stress in the manganese and 1-methyl-4-(2-ethylphenyl)-1,2,3,6-tetrahydropyridine-induced apoptosis in PC12 cells. Neurochemistry International, 1997, 31, 169-176. | 1.9 | 80 |
| 245 | Apoptosis mediates cell death following traumatic injury in rat hippocampal neurons. Neuroscience, 1997, 79, 999-1004. | 1.1 | 28 |
| 246 | Apoptosis: mechanisms and relation to AIDS. Medical Hypotheses, 1997, 48, 423-429. | 0.8 | 27 |
| 247 | Ascorbate availability and neurodegeneration in amyotrophic lateral sclerosis. Medical Hypotheses, 1997, 48, 281-296. | 0.8 | 10 |
| 248 | The importance of cachexia in the syndrome of heart failure. European Heart Journal, 1997, 18, 187-189. | 1.0 | 13 |
| 249 | QT dispersion and sudden cardiac death. European Heart Journal, 1997, 18, 189-190. | 1.0 | 16 |
| 250 | Variability of Glutathione Levels in Normal Breast Tissue and Subcutaneous Fat during the Menstrual Cycle: An in Vivo Study with Microdialysis Technique*. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1382-1384. | 1.8 | 32 |
| 251 | Enhanced Apoptosis in Metallothionein Null Cells. Molecular Pharmacology, 1997, 52, 195-201. | 1.0 | 171 |
| 252 | Activation of hPAK65 by caspase cleavage induces some of the morphological and biochemical changes of apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13642-13647. | 3.3 | 180 |
| 253 | An essential role for free radicals and derived species in signal transduction. FASEB Journal, 1997, 11, 118-124. | 0.2 | 844 |
| 254 | Involvement of Reactive Oxygen Intermediates in Spontaneous and CD95(Fas/APO-1)-Mediated Apoptosis of Neutrophils. Blood, 1997, 89, 1748-1753. | 0.6 | 317 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 255 | Peripheral Blood Mononuclear Cells Induce Programmed Cell Death in Human Endothelial Cells and May Prevent Repair: Role of Cytokines. <i>Blood</i> , 1997, 89, 1931-1938. | 0.6 | 79 |
| 256 | Death of Bystander Cells by a Novel Pathway Involving Early Mitochondrial Damage in Human Immunodeficiency Virus-Related Lymphadenopathy. <i>Blood</i> , 1997, 90, 209-216. | 0.6 | 47 |
| 257 | HLA-DR-Mediated Signals for Hematopoiesis and Induction of Apoptosis Involve But Are Not Limited to a Nitric Oxide Pathway. <i>Blood</i> , 1997, 90, 217-225. | 0.6 | 19 |
| 258 | A Role for T-Helper Type-1 and Type-2 Cytokines in the Regulation of Human Monocyte Apoptosis. <i>Blood</i> , 1997, 90, 1618-1625. | 0.6 | 68 |
| 259 | Dysregulation of Membrane-Bound Tumor Necrosis Factor- α and Tumor Necrosis Factor Receptors on Mononuclear Cells in Human Immunodeficiency Virus Type 1 Infection: Low Percentage of p75-Tumor Necrosis Factor Receptor Positive Cells in Patients With Advanced Disease and High Viral Load. <i>Blood</i> , 1997, 90, 2670-2679. | 0.6 | 30 |
| 260 | Bcl-2 inhibits selective oxidation and externalization of phosphatidylserine during paraquat-induced apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 1997, 272, C675-C684. | 2.1 | 93 |
| 261 | A survey of reactive oxygen species and their role in dermatology. <i>Journal of the European Academy of Dermatology and Venereology</i> , 1997, 8, 185-202. | 1.3 | 42 |
| 262 | Prophylactic Actions of Melatonin in Oxidative Neurotoxicity. <i>Annals of the New York Academy of Sciences</i> , 1997, 825, 70-78. | 1.8 | 78 |
| 263 | Nitric oxide in tumour biology and cancer therapy. Part 2: Therapeutic implications. <i>Clinical Oncology</i> , 1997, 9, 357-364. | 0.6 | 18 |
| 264 | Glutathione depletion in fibroblasts is the basis for apoptosis-induction by endogenous reactive oxygen species. <i>Cell Death and Differentiation</i> , 1997, 4, 388-395. | 5.0 | 58 |
| 265 | Evidence against the hypothesis that BCL-2 inhibits apoptosis through an anti-oxidant effect. <i>Cell Death and Differentiation</i> , 1997, 4, 487-496. | 5.0 | 16 |
| 266 | Bcl-2 and Hsp27 act at different levels to suppress programmed cell death. <i>Oncogene</i> , 1997, 15, 347-360. | 2.6 | 97 |
| 267 | Apoptotic vs. Nonapoptotic Cytotoxicity Induced by Hydrogen Peroxide. <i>Free Radical Biology and Medicine</i> , 1997, 22, 73-83. | 1.3 | 317 |
| 268 | Quercetin Protects Cutaneous Tissue-Associated Cell Types Including Sensory Neurons From Oxidative Stress Induced By Glutathione Depletion: Cooperative Effects of Ascorbic Acid. <i>Free Radical Biology and Medicine</i> , 1997, 22, 669-678. | 1.3 | 167 |
| 269 | Hydrogen peroxide (H ₂ O ₂) Increases the Steady-State mRNA Levels of Collagenase/MMP-1 in Human dermal Fibroblasts. <i>Free Radical Biology and Medicine</i> , 1997, 22, 515-524. | 1.3 | 188 |
| 270 | Clastogenic Factors In Plasma Of HIV-1 Infected Patients Activate HIV-1 Replication In Vitro: Inhibition By Superoxide Dismutase. <i>Free Radical Biology and Medicine</i> , 1997, 23, 571-578. | 1.3 | 30 |
| 271 | Mediation by Arachidonic Acid Metabolites of the H ₂ O ₂ -Induced Stimulation of Mitogen-Activated Protein Kinases (Extracellular-Signal-Regulated Kinase and c-Jun NH ₂ -Terminal Kinase). <i>FEBS Journal</i> , 1997, 244, 587-595. | 0.2 | 144 |
| 272 | Full length article. <i>Brain Research</i> , 1997, 777, 110-118. | 1.1 | 167 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 273 | Mitochondrial ultracondensation, but not swelling, is involved in TNF α -induced apoptosis in human T-lymphoblastic leukaemic cells. <i>Leukemia Research</i> , 1997, 21, 973-983. | 0.4 | 34 |
| 274 | Role of the Mitochondrial Permeability Transition Pore in Apoptosis. <i>Bioscience Reports</i> , 1997, 17, 67-76. | 1.1 | 193 |
| 275 | Reactive Oxygen and Nitrogen Species Regulate Mitochondrial Ca ²⁺ Homeostasis and Respiration. <i>Bioscience Reports</i> , 1997, 17, 53-66. | 1.1 | 91 |
| 276 | Apoptosis of Myelin-Reactive T Cells Induced by Reactive Oxygen and Nitrogen Intermediates in Vitro. <i>Cellular Immunology</i> , 1997, 178, 1-8. | 1.4 | 79 |
| 277 | Trypanosoma cruzi: T Cell Subpopulations in the Peyer's Patches of BALB/c Infected Mice. <i>Experimental Parasitology</i> , 1997, 87, 58-64. | 0.5 | 10 |
| 278 | Vitamin E Modulation of Hepatic Focal Lesion Growth in Mice ¹ . <i>Toxicology and Applied Pharmacology</i> , 1997, 143, 380-387. | 1.3 | 36 |
| 279 | Reactive oxygen species, mitochondria, apoptosis and aging. , 1997, 174, 305-319. | | 373 |
| 280 | Expression of Bcl-2 protein in the epiphyseal plate cartilage and trabecular bone of growing rats. <i>Histochemistry and Cell Biology</i> , 1997, 108, 45-55. | 0.8 | 37 |
| 281 | Overexpression of thioredoxin does not confer resistance to cisplatin in transfected human ovarian and colon cancer cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 1997, 40, 31-37. | 1.1 | 20 |
| 282 | Oxidative stress in plants. <i>Acta Physiologiae Plantarum</i> , 1997, 19, 47-64. | 1.0 | 261 |
| 283 | Effect of the antioxidant action of Ginkgo biloba extract (EGb 761) on aging and oxidative stress. <i>Age</i> , 1997, 20, 141-149. | 3.0 | 44 |
| 284 | Immune dysregulation and CD4+ T cell loss in HIV-1 infection. <i>Seminars in Immunopathology</i> , 1997, 18, 285-303. | 4.0 | 13 |
| 285 | Zinc and DNA fragmentation in keratinocyte apoptosis: its inhibitory effect in UVB irradiated cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 37, 101-106. | 1.7 | 61 |
| 286 | Generation of reactive oxygen species is required for bucillamine, a novel anti-rheumatic drug, to induce apoptosis in concert with copper. <i>Immunopharmacology</i> , 1997, 35, 195-202. | 2.0 | 15 |
| 287 | Differential sensitivities to hyperbaric oxygen of lymphocyte subpopulations of normal and autoimmune mice. <i>Immunology Letters</i> , 1997, 59, 79-84. | 1.1 | 20 |
| 288 | Spontaneous programmed cell death (PCD) process of lymphocytes of FIV-infected cats: Pharmacological modulation in vitro. <i>International Journal of Immunopharmacology</i> , 1997, 19, 167-179. | 1.1 | 6 |
| 289 | Study of apoptosis in human lymphocytes by toxic substances implicated in Toxic Oil Syndrome. <i>Toxicology</i> , 1997, 118, 71-82. | 2.0 | 9 |
| 290 | Changes in high molecular weight DNA fragmentation following human blood exposure to styrene-7,8-oxide. <i>Toxicology</i> , 1997, 120, 111-117. | 2.0 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 291 | Increased cutaneous toxicity to ionizing radiation in HIV-positive patients. <i>International Journal of Dermatology</i> , 1997, 36, 779-782. | 0.5 | 23 |
| 292 | Histopathologic features seen in cutaneous photoeruptions in HIV-positive patients. <i>International Journal of Dermatology</i> , 1997, 36, 745-753. | 0.5 | 15 |
| 293 | Changes in the phosphorylation status of the 27 kDa heat shock protein (HSP27) associated with the modulation of growth and/or differentiation in MCF-7 cells. <i>Cell Proliferation</i> , 1997, 30, 21-35. | 2.4 | 26 |
| 294 | Physiological cell death in endocrine-dependent tissues: an ovarian perspective. <i>Clinical Endocrinology</i> , 1997, 46, 241-254. | 1.2 | 31 |
| 295 | Evidence for nonadaptive immune response in HIV infection. <i>European Journal of Clinical Investigation</i> , 1997, 27, 846-849. | 1.7 | 8 |
| 296 | APOPTOSIS OF HUMAN MONOCYTES/MACROPHAGES IN MYCOBACTERIUM TUBERCULOSIS INFECTION. , 1997, 181, 31-38. | | 124 |
| 297 | c-myc-dependent hepatoma cell apoptosis results from oxidative stress and not a deficiency of growth factors. <i>Journal of Cellular Physiology</i> , 1997, 170, 192-199. | 2.0 | 71 |
| 298 | Prevention of hybridoma cell death by bcl-2 during suboptimal culture conditions. , 1997, 54, 1-16. | | 125 |
| 299 | Dopamine induces apoptosis in cultured rat striatal neurons; possible mechanism of D2-dopamine receptor neuron loss during aging. , 1997, 47, 393-399. | | 47 |
| 300 | Signal transduction and the regulation of apoptosis: roles of ceramide. , 1998, 3, 317-334. | | 41 |
| 301 | Molecular Events and Mechanisms of Apoptosis. <i>Sepsis</i> , 1998, 2, 9-19. | 0.5 | 24 |
| 302 | Role of nitric oxide in mediation of macrophage cytotoxicity and apoptosis. , 1998, 17, 39-53. | | 160 |
| 303 | Dexamethasone induced expression of phosphatase inhibits generation of reactive oxygen species in ehrlich ascites tumor cells. <i>IUBMB Life</i> , 1998, 46, 559-569. | 1.5 | 0 |
| 304 | Mammalian thioredoxin is a direct inhibitor of apoptosis signal-regulating kinase (ASK) 1. <i>EMBO Journal</i> , 1998, 17, 2596-2606. | 3.5 | 2,150 |
| 305 | Effect of phorbol ester (PMA) on antioxidant enzyme expression in TGF β 1-induced apoptosis in primary cultures of hepatocytes. <i>BioFactors</i> , 1998, 8, 65-71. | 2.6 | 6 |
| 306 | ThwstGene Regulates Multiple Forms of Thymocyte Apoptosis. <i>Cellular Immunology</i> , 1998, 188, 111-117. | 1.4 | 20 |
| 307 | Expression of heme oxygenase-1 can determine cardiac xenograft survival. <i>Nature Medicine</i> , 1998, 4, 1073-1077. | 15.2 | 601 |
| 308 | Markers of oxidative stress after renal transplantation. <i>Transplant International</i> , 1998, 11, S125-S129. | 0.8 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 309 | Teratogen-induced cell death in postimplantation mouse embryos: differential tissue sensitivity and hallmarks of apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 592-600. | 5.0 | 64 |
| 310 | Apoptosis: unmasking the executioner. <i>Cell Death and Differentiation</i> , 1998, 5, 646-652. | 5.0 | 82 |
| 311 | Inhibition of p53-dependent apoptosis by the KIT tyrosine kinase: regulation of mitochondrial permeability transition and reactive oxygen species generation. <i>Oncogene</i> , 1998, 17, 1653-1662. | 2.6 | 44 |
| 312 | Hepatic failure and liver cell damage in acute Wilson's disease involve CD95 (APO-1 /Fas) Mediated apoptosis. <i>Nature Medicine</i> , 1998, 4, 588-593. | 15.2 | 285 |
| 313 | Heat Shock and Apoptosis: The Two Defense Systems of the Organism May Have Overlapping Molecular Elements. <i>Annals of the New York Academy of Sciences</i> , 1998, 851, 67-74. | 1.8 | 44 |
| 314 | Normal pregnancy and preeclampsia both produce inflammatory changes in peripheral blood leukocytes akin to those of sepsis. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 179, 80-86. | 0.7 | 745 |
| 315 | 7,8-dihydroneopterin-induced apoptosis in Jurkat T lymphocytes: a comparison with anti-Fas- and hydrogen peroxide-mediated cell death. <i>Biochemical Pharmacology</i> , 1998, 56, 1181-1187. | 2.0 | 17 |
| 316 | The protein thiol metallothionein as an antioxidant and protectant against antineoplastic drugs. <i>Chemico-Biological Interactions</i> , 1998, 111-112, 255-262. | 1.7 | 96 |
| 317 | DNA damage and mutation: contributors to the age-related alterations in T cell-mediated immune responses?. <i>Mechanisms of Ageing and Development</i> , 1998, 102, 165-176. | 2.2 | 53 |
| 318 | Apoptosis and antiphospholipid antibodies. <i>Seminars in Arthritis and Rheumatism</i> , 1998, 28, 163-178. | 1.6 | 35 |
| 319 | Calcium, free radicals and excitotoxins in neuronal apoptosis. <i>Cell Calcium</i> , 1998, 23, 165-171. | 1.1 | 189 |
| 320 | Apoptotic cell death in retinal degenerations. <i>Progress in Retinal and Eye Research</i> , 1998, 17, 443-464. | 7.3 | 216 |
| 321 | The potential role of antioxidant vitamins in preventing cardiovascular diseases and cancers. <i>Nutrition</i> , 1998, 14, 513-520. | 1.1 | 120 |
| 322 | Familial Alzheimer's Disease. <i>General Pharmacology</i> , 1998, 31, 675-681. | 0.7 | 15 |
| 323 | Hydroxyl Radical as a Potential Intracellular Mediator of Polymorphonuclear Neutrophil Apoptosis. <i>Free Radical Biology and Medicine</i> , 1998, 24, 563-572. | 1.3 | 207 |
| 324 | Oxidative Stress Developed During the Reperfusion of Ischemic Myocardium Induces Apoptosis. <i>Free Radical Biology and Medicine</i> , 1998, 24, 869-875. | 1.3 | 165 |
| 325 | Cupric nitrilotriacetate induces oxidative DNA damage and apoptosis in human leukemia HL-60 cells. <i>Free Radical Biology and Medicine</i> , 1998, 25, 568-575. | 1.3 | 74 |
| 326 | Effect of in vitro generation of oxygen free radicals on T cell function in young and old rats. <i>Free Radical Biology and Medicine</i> , 1998, 25, 903-913. | 1.3 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 327 | Potentials and limitations of the natural antioxidants RRR- α -tocopherol, l-ascorbic acid and β -carotene in cutaneous photoprotection11This review is dedicated to Lester Packer, University of California, Berkeley.. Free Radical Biology and Medicine, 1998, 25, 848-873. | 1.3 | 391 |
| 328 | APOPTOSIS, REDIFFERENTIATION AND ARRESTING PROLIFERATION SIMULTANEOUSLY TRIGGERED BY OXIDATIVE STRESS IN HUMAN HEPATOMA CELLS. Cell Biology International, 1998, 22, 41-49. | 1.4 | 23 |
| 329 | APOPTOSIS IN HUMAN LUNG EPITHELIAL CELLS: TRIGGERING BY PARAQUAT AND MODULATION BY ANTIOXIDANTS. Cell Biology International, 1998, 22, 671-678. | 1.4 | 56 |
| 330 | Natural resistance to intracellular parasites: A study by two-dimensional gel electrophoresis coupled with multivariate analysis. Electrophoresis, 1998, 19, 1325-1331. | 1.3 | 17 |
| 331 | Amelioration of antigen-induced arthritis in rabbits by induction of apoptosis of inflammatory-cells with local application of transdermal photodynamic therapy. Arthritis and Rheumatism, 1998, 41, 525-534. | 6.7 | 57 |
| 332 | Oxidative stress up-regulates IL-8 and TNF- α synthesis by human dendritic cells. European Journal of Immunology, 1998, 28, 3886-3890. | 1.6 | 118 |
| 333 | Modulation of Apoptosis Induced by Tricyclic Antidepressants in Human Peripheral Lymphocytes. Journal of Biochemical and Molecular Toxicology, 1998, 12, 115-123. | 1.4 | 28 |
| 334 | Uptake of Verteporfin $\text{\textcircled{R}}$ by articular tissues following systemic and intra-articular administration. , 1998, 19, 395-400. | | 32 |
| 335 | The effects of cadmium exposure on the cytology and function of primary cultures from rainbow trout. , 1998, 16, 1-13. | | 44 |
| 336 | 5-lipoxygenase inhibitors reduce PC-3 cell proliferation and initiate nonnecrotic cell death. , 1998, 37, 161-173. | | 86 |
| 337 | Analysis of the role of Hsp25 phosphorylation reveals the importance of the oligomerization state of this small heat shock protein in its protective function against TNF α - and hydrogen peroxide-induced cell death. , 1998, 69, 436-452. | | 67 |
| 338 | Proteolytic cleavage and activation of PAK2 during UV irradiation-induced apoptosis in A431 cells. Journal of Cellular Biochemistry, 1998, 70, 442-454. | 1.2 | 43 |
| 339 | Expression of HSP27 results in increased sensitivity to tumor necrosis factor, etoposide, and H ₂ O ₂ in an oxidative stress-resistant cell line. , 1998, 177, 606-617. | | 28 |
| 340 | Apoptosis and redox homostasis: On a possible mechanism of action of Bcl-2. Protoplasma, 1998, 205, 10-20. | 1.0 | 8 |
| 341 | Flow cytometric measurement of mitochondrial mass and function: A novel method for assessing chemoresistance. Annals of Surgical Oncology, 1998, 5, 287-295. | 0.7 | 38 |
| 343 | Apoptosis and scarring. Clinical and Experimental Nephrology, 1998, 2, 302-306. | 0.7 | 2 |
| 344 | BMD188, A novel hydroxamic acid compound, demonstrates potent anti-prostate cancer effects in vitro and in vivo by inducing apoptosis: requirements for mitochondria, reactive oxygen species, and proteases. Pathology and Oncology Research, 1998, 4, 179-190. | 0.9 | 20 |
| 345 | Oxidative stress and neurodegenerative disorders. Journal of Biomedical Science, 1998, 5, 401-414. | 2.6 | 178 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 346 | Apoptosis in marine sponges: a biomarker for environmental stress (cadmium and bacteria). <i>Marine Biology</i> , 1998, 131, 411-421. | 0.7 | 74 |
| 347 | Markers of oxidative stress after renal transplantation. <i>Transplant International</i> , 1998, 11, S125-S129. | 0.8 | 25 |
| 348 | Porphyrin-based photosensitizers for use in photodynamic therapy. <i>Tetrahedron</i> , 1998, 54, 4151-4202. | 1.0 | 927 |
| 350 | Apoptosis in cell culture. <i>Current Opinion in Biotechnology</i> , 1998, 9, 152-156. | 3.3 | 138 |
| 351 | DNA fragmentation reduced by antioxidants following ischaemia-reperfusion in the isolated perfused rat kidney. <i>Nephrology</i> , 1998, 4, 163-175. | 0.7 | 22 |
| 352 | Apoptosis in selected skin diseases. <i>Veterinary Dermatology</i> , 1998, 9, 221-229. | 0.4 | 19 |
| 353 | Differential Regulation of P53 and Bcl-2 Expression by Ultraviolet A and B. <i>Journal of Investigative Dermatology</i> , 1998, 111, 380-384. | 0.3 | 46 |
| 354 | Peroxynitrite formation and apoptosis in transgenic sickle cell mouse kidneys. <i>Kidney International</i> , 1998, 54, 1520-1528. | 2.6 | 55 |
| 355 | MOLECULAR GENETICS AND FANCONI ANAEMIA: NEW INSIGHTS INTO OLD PROBLEMS. <i>British Journal of Haematology</i> , 1998, 103, 287-296. | 1.2 | 17 |
| 356 | Nitric oxide-induced apoptotic cell death in the acute phase of <i>Trypanosoma cruzi</i> infection in mice. <i>Immunology Letters</i> , 1998, 63, 113-120. | 1.1 | 87 |
| 357 | A novel <i>Arabidopsis thaliana</i> protein protects tumor cells from tumor necrosis factor-induced apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1402, 70-78. | 1.9 | 16 |
| 358 | No induction of polyamines and radical scavenging antioxidants in <i>Nicotiana glauca</i> exposed to iron excess, as investigated by the DPPH assay and differential spectroscopy. <i>Journal of Plant Physiology</i> , 1998, 153, 401-408. | 1.6 | 4 |
| 359 | Could synergistic interactions among reactive oxygen species, proteinases, membrane-perforating enzymes, hydrolases, microbial hemolysins and cytokines be the main cause of tissue damage in infectious and inflammatory conditions?. <i>Medical Hypotheses</i> , 1998, 51, 337-346. | 0.8 | 39 |
| 360 | Deleterious network hypothesis of apoptosis. <i>Medical Hypotheses</i> , 1998, 50, 393-398. | 0.8 | 13 |
| 361 | Intrahippocampal injection of paraquat produces apoptotic cell death which is prevented by the lazaroid U74389G, in rats. <i>Life Sciences</i> , 1998, 62, 1927-1932. | 2.0 | 27 |
| 362 | Impact of treadmill exercise on early apoptotic cells in mouse thymus and spleen. <i>Life Sciences</i> , 1998, 64, 191-200. | 2.0 | 29 |
| 363 | Basic Science Aspects of Chronic Rejection: Induction of Protective Genes to Prevent Development of Transplant Arteriosclerosis. <i>Transplantation Proceedings</i> , 1998, 30, 1585-1589. | 0.3 | 8 |
| 364 | Rapid and specific reactive oxygen species generation via NADPH oxidase activation during Fas-mediated apoptosis. <i>FEBS Letters</i> , 1998, 425, 209-212. | 1.3 | 125 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 365 | Spermine causes caspase activation in leukaemia cells. <i>FEBS Letters</i> , 1998, 437, 233-236. | 1.3 | 94 |
| 366 | The pancreatitis-associated protein is induced by free radicals in AR4-2J cells and confers cell resistance to apoptosis. <i>Gastroenterology</i> , 1998, 114, 808-816. | 0.6 | 116 |
| 367 | Apoptosis induced by hydrogen peroxide is mediated by decreased superoxide anion concentration and reduction of intracellular milieu. <i>FEBS Letters</i> , 1998, 440, 13-18. | 1.3 | 185 |
| 368 | Sperm Deoxyribonucleic Acid Fragmentation is Increased in Poor-Quality Semen Samples and Correlates With Failed Fertilization in Intracytoplasmic Sperm Injection. <i>Journal of Urology</i> , 1998, 160, 1943-1943. | 0.2 | 0 |
| 369 | Nitric Oxide and Its Congeners in Mitochondria: Implications for Apoptosis. <i>Environmental Health Perspectives</i> , 1998, 106, 1125. | 2.8 | 7 |
| 370 | Reactive Oxygen Species: Potential Cause for DNA Fragmentation in Human Spermatozoa. <i>Journal of Urology</i> , 1998, 160, 1944-1944. | 0.2 | 2 |
| 371 | HIV Type 1 Infection of Human Macrophages Induces an Upregulation of Manganese Superoxide Dismutase Gene That May Protect Cells from Death. <i>AIDS Research and Human Retroviruses</i> , 1998, 14, 427-434. | 0.5 | 8 |
| 372 | Molecular mechanisms of programmed cell death. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1998, 62, 1-31. | 0.6 | 5 |
| 373 | Indirect Glutamate Neurotoxicity. <i>Journal of Neurotrauma</i> , 1998, 15, 141-147. | 1.7 | 4 |
| 374 | Pyruvate prevents hydrogen peroxide-induced apoptosis. <i>Free Radical Research</i> , 1998, 29, 283-295. | 1.5 | 47 |
| 375 | Glutathione Regulation of Neutral Sphingomyelinase in Tumor Necrosis Factor- α -induced Cell Death. <i>Journal of Biological Chemistry</i> , 1998, 273, 11313-11320. | 1.6 | 317 |
| 376 | Apoptosis: a novel therapeutic tool?. <i>Expert Opinion on Investigational Drugs</i> , 1998, 7, 889-904. | 1.9 | 4 |
| 377 | The role of oxidative stress in the genesis of heart disease. <i>Cardiovascular Research</i> , 1998, 40, 426-432. | 1.8 | 282 |
| 378 | Induction and Control of Chromoplast-specific Carotenoid Genes by Oxidative Stress. <i>Journal of Biological Chemistry</i> , 1998, 273, 30651-30659. | 1.6 | 179 |
| 379 | Random versus Selective Membrane Phospholipid Oxidation in Apoptosis: Role of Phosphatidylserine. <i>Biochemistry</i> , 1998, 37, 13781-13790. | 1.2 | 72 |
| 380 | Reactive oxygen species: potential cause for DNA fragmentation in human spermatozoa. <i>Human Reproduction</i> , 1998, 13, 896-900. | 0.4 | 456 |
| 381 | Dithiocarbamate Toxicity toward Thymocytes Involves Their Copper-Catalyzed Conversion to Thiuram Disulfides, Which Oxidize Glutathione in a Redox Cycle without the Release of Reactive Oxygen Species. <i>Archives of Biochemistry and Biophysics</i> , 1998, 353, 73-84. | 1.4 | 122 |
| 382 | Recent Trends in Glutathione Biochemistry—Glutathione—Protein Interactions: A Molecular Link between Oxidative Stress and Cell Proliferation?. <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 1-9. | 1.0 | 431 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 383 | The Highly Reducing Sugar 2-Deoxy-d-Ribose Induces Apoptosis in Human Fibroblasts by Reduced Glutathione Depletion and Cytoskeletal Disruption. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 416-425. | 1.0 | 74 |
| 384 | Structural Specificity of Polyamines and Polyamine Analogues in the Protection of DNA from Strand Breaks Induced by Reactive Oxygen Species. <i>Biochemical and Biophysical Research Communications</i> , 1998, 244, 298-303. | 1.0 | 102 |
| 385 | Enhanced Expression of Fas Ligand Is Associated with Aburaturbolactam C-Induced Apoptosis in Human Jurkat T Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 276-281. | 1.0 | 6 |
| 386 | Induction of Apoptosis in Murine Macrophages by <i>Mycobacterium tuberculosis</i> Reactive Oxygen Intermediates-Independent. <i>Biochemical and Biophysical Research Communications</i> , 1998, 247, 436-442. | 1.0 | 23 |
| 387 | The Production of a Reactive Oxygen Intermediate during the Induction of Apoptosis by Cytotoxic Insult. <i>Experimental Cell Research</i> , 1998, 238, 248-256. | 1.2 | 37 |
| 388 | Mode of Cell Injury and Death after Hydrogen Peroxide Exposure in Cultured Oligodendroglia Cells. <i>Experimental Cell Research</i> , 1998, 244, 218-229. | 1.2 | 116 |
| 389 | Nitric Oxide Activates Granule-Associated DNase in Human Monocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 1998, 2, 165-173. | 1.2 | 5 |
| 390 | Evidence of Hepatocyte Apoptosis in Rat Liver after the Administration of Carbon Tetrachloride. <i>American Journal of Pathology</i> , 1998, 153, 515-525. | 1.9 | 228 |
| 391 | Molecular and Cellular Effects of Ultraviolet Light-Induced Genotoxicity. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 1998, 35, 189-237. | 2.7 | 171 |
| 392 | â– REVIEW : Excitotoxicity, Free Radicals, Necrosis, and Apoptosis. <i>Neuroscientist</i> , 1998, 4, 345-352. | 2.6 | 9 |
| 393 | Sperm Deoxyribonucleic Acid Fragmentation is Increased in Poor-Quality Semen Samples and Correlates with Failed Fertilization in Intracytoplasmic Sperm Injection 1. <i>Fertility and Sterility</i> , 1998, 69, 528-532. | 0.5 | 475 |
| 394 | A labile sulfur in trisulfide affects cytochrome P-450 dependent lipid peroxidation in rat liver microsomes. <i>Toxicology Letters</i> , 1998, 99, 191-198. | 0.4 | 9 |
| 395 | Interferon-Î³-dependent induction of manganese superoxide dismutase activity of SV40-transformed human keratinocytes by anti-Fas antibody and by TNF-Î±. <i>Journal of Dermatological Science</i> , 1998, 16, 191-199. | 1.0 | 9 |
| 396 | Ultraviolet B-induced cell death in four cutaneous cell lines exhibiting different enzymatic antioxidant defences: involvement of apoptosis. <i>Journal of Dermatological Science</i> , 1998, 17, 140-150. | 1.0 | 47 |
| 398 | Possible Involvement of Stress-Activated Protein Kinase Signaling Pathway and Fas Receptor Expression in Prevention of Ischemia/Reperfusion-Induced Cardiomyocyte Apoptosis by Carvedilol. <i>Circulation Research</i> , 1998, 82, 166-174. | 2.0 | 228 |
| 399 | Oxidative damage to DNA in human spermatozoa does not preclude pronucleus formation at intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1998, 13, 1864-1871. | 0.4 | 345 |
| 400 | Growth Hormone Inhibits Apoptosis and Upâ€Regulates Reactive Oxygen Intermediates Production by Human Polymorphonuclear Neutrophils. <i>Journal of Parenteral and Enteral Nutrition</i> , 1998, 22, 368-374. | 1.3 | 27 |
| 401 | Ajoene, a Compound of Garlic, Induces Apoptosis in Human Promyeloleukemic Cells, Accompanied by Generation of Reactive Oxygen Species and Activation of Nuclear Factor Î²B. <i>Molecular Pharmacology</i> , 1998, 53, 402-407. | 1.0 | 186 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 402 | Review. Biological Chemistry, 1998, 379, 1-26. | 1.2 | 122 |
| 403 | The effect of non-genotoxic carcinogens, phenobarbital and clofibrate, on the relationship between reactive oxygen species, antioxidant enzyme expression and apoptosis. Carcinogenesis, 1998, 19, 1715-1722. | 1.3 | 28 |
| 404 | CSR, a scavenger receptor-like protein with a protective role against cellular damage caused by UV irradiation and oxidative stress. Human Molecular Genetics, 1998, 7, 1039-1046. | 1.4 | 88 |
| 405 | Antitumor Agent-Induced Apoptosis in Myeloid Leukemia Cells: A Controlled Suicide. Leukemia and Lymphoma, 1998, 29, 453-463. | 0.6 | 13 |
| 406 | Apoptotic signal transduction: emerging pathways. Biochemistry and Cell Biology, 1998, 76, 573-582. | 0.9 | 86 |
| 407 | OXIDATIVE STRESS INDUCED BY HUMIC ACID SOLVENT EXTRACTION FRACTION IN CULTURED RABBIT ARTICULAR CHONDROCYTES. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1998, 54, 477-489. | 1.1 | 19 |
| 408 | VITAMIN E MODULATION OF DIELDRIN-INDUCED HEPATIC FOCAL LESION GROWTH IN MICE. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1998, 53, 479-492. | 1.1 | 10 |
| 409 | Inhibition of arachidonate 5-lipoxygenase triggers massive apoptosis in human prostate cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13182-13187. | 3.3 | 451 |
| 410 | Molecular Ordering in HIV-induced Apoptosis. Journal of Biological Chemistry, 1998, 273, 11944-11953. | 1.6 | 104 |
| 411 | Role of Reactive Oxygen Intermediates in Activation-induced CD95 (APO-1/Fas) Ligand Expression. Journal of Biological Chemistry, 1998, 273, 8048-8055. | 1.6 | 161 |
| 412 | Oxidation of Catalase by Singlet Oxygen. Journal of Biological Chemistry, 1998, 273, 10630-10637. | 1.6 | 137 |
| 413 | Canthaxanthin induces apoptosis in human cancer cell lines. Carcinogenesis, 1998, 19, 373-376. | 1.3 | 73 |
| 414 | Elevated Circulating Levels of C-C Chemokines in Patients With Congestive Heart Failure. Circulation, 1998, 97, 1136-1143. | 1.6 | 325 |
| 415 | Redox-sensitive events in Fas-induced apoptosis in human NK cells include ceramide generation and protein tyrosine dephosphorylation. International Immunology, 1998, 10, 1261-1272. | 1.8 | 18 |
| 416 | Purification, Molecular Cloning, and Characterization of TRP32, a Novel Thioredoxin-related Mammalian Protein of 32 kDa. Journal of Biological Chemistry, 1998, 273, 19160-19166. | 1.6 | 78 |
| 417 | Propofol Preserves the Viability of Isolated Rat Hepatocyte Suspensions Under an Oxidant Stress. Anesthesia and Analgesia, 1998, 87, 1152-1157. | 1.1 | 25 |
| 418 | Iron, Oxygen Radicals, and Disease. Advances in Molecular and Cell Biology, 1998, 25, 157-183. | 0.1 | 10 |
| 419 | Chapter 6 Mechanisms of cell injury by free radicals. Principles of Medical Biology, 1998, 13, 197-211. | 0.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 420 | Pro-inflammatory cytokines and endothelium-dependent vasodilation in the forearm. Serial assessment in patients with congestive heart failure. <i>European Heart Journal</i> , 1998, 19, 747-752. | 1.0 | 46 |
| 421 | Oxidative Stress and Human Immunodeficiency Virus. <i>Advances in Molecular and Cell Biology</i> , 1998, 25, 71-94. | 0.1 | 1 |
| 422 | Is nitric oxide an autocrine modulator of bovine granulosa cell function?. <i>Reproduction, Fertility and Development</i> , 1998, 10, 471. | 0.1 | 63 |
| 423 | Metabolism of 4-Hydroxynonenal, a Cytotoxic Lipid Peroxidation Product, in Thymocytes as an Effective Secondary Antioxidative Defense Mechanism. <i>Journal of Biochemistry</i> , 1998, 123, 534-539. | 0.9 | 21 |
| 424 | Impairment of B-lymphocyte differentiation induced by dual triggering of the B-cell antigen receptor and CD40 in advanced HIV-1-disease. <i>Aids</i> , 1998, 12, 1437-1449. | 1.0 | 47 |
| 425 | Propofol Preserves the Viability of Isolated Rat Hepatocyte Suspensions Under an Oxidant Stress. <i>Anesthesia and Analgesia</i> , 1998, 87, 1152-1157. | 1.1 | 43 |
| 426 | Mildly oxidized low-density lipoproteins suppress the proliferation of activated CD4+ T-lymphocytes and their interleukin 2 receptor expression in vitro. <i>Biochemical Journal</i> , 1998, 330, 659-666. | 1.7 | 24 |
| 427 | Increases in the Concentrations of Available Iron in Response to Dietary Iron Supplementation Are Associated with Changes in Crypt Cell Proliferation in Rat Large Intestine , ,. <i>Journal of Nutrition</i> , 1998, 128, 175-179. | 1.3 | 75 |
| 428 | Glutathione is implied in the control of 7 α -cholesterol α -induced apoptosis, which is associated with radical oxygen species production. <i>FASEB Journal</i> , 1998, 12, 1651-1663. | 0.2 | 192 |
| 429 | Peripheral Target Regulation of the Development and Survival of Spinal Sensory and Motor Neurons in the Chick Embryo. <i>Journal of Neuroscience</i> , 1998, 18, 356-370. | 1.7 | 106 |
| 430 | Role of superoxide in apoptosis induced by growth factor withdrawal. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 275, F691-F702. | 1.3 | 43 |
| 431 | Paraquat-induced phosphatidylserine oxidation and apoptosis are independent of activation of PLA2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 274, L793-L802. | 1.3 | 14 |
| 432 | Nitric oxide and its congeners in mitochondria: implications for apoptosis.. <i>Environmental Health Perspectives</i> , 1998, 106, 1125-1130. | 2.8 | 20 |
| 433 | Effect of L-Carnitine on Human Immunodeficiency Virus-1 Infection-Associated Apoptosis: A Pilot Study. <i>Blood</i> , 1998, 91, 3817-3824. | 0.6 | 63 |
| 434 | A20 Inhibits NF- κ B Activation in Endothelial Cells Without Sensitizing to Tumor Necrosis Factor α -Mediated Apoptosis. <i>Blood</i> , 1998, 91, 2249-2258. | 0.6 | 149 |
| 435 | Involvement of Caspases in Neutrophil Apoptosis: Regulation by Reactive Oxygen Species. <i>Blood</i> , 1998, 92, 4808-4818. | 0.6 | 319 |
| 436 | Gamete-specific DNA fragmentation in unfertilized human oocytes after intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1998, 13, 703-708. | 0.4 | 75 |
| 437 | Programmed cell death induced by ischemia-reperfusion in rat intestinal mucosa. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, G270-G276. | 1.6 | 119 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 438 | Tobacco smoke induces both apoptosis and necrosis in mammalian cells: differential effects of HSP70. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L771-L779. | 1.3 | 72 |
| 439 | Effect of stabilising amino acids on the digestive absorption of heme and non-heme iron. Reproduction, Nutrition, Development, 1998, 38, 559-566. | 1.9 | 4 |
| 440 | Rescue of cells from apoptosis by inhibition of active GSH extrusion. FASEB Journal, 1998, 12, 479-486. | 0.2 | 300 |
| 441 | Antioxidant Defense in the Follicular Fluid of Water Buffalo. Cellular Physiology and Biochemistry, 1999, 9, 106-116. | 1.1 | 35 |
| 442 | Oral ferrous sulfate supplements increase the free radical-generating capacity of feces from healthy volunteers. American Journal of Clinical Nutrition, 1999, 69, 250-255. | 2.2 | 212 |
| 443 | LYSOSOMAL LEAKAGE CAUSES APOPTOSIS FOLLOWING OXIDATIVE STRESS, GROWTH-FACTOR STARVATION AND FAS-ACTIVATION. , 1999, , 57-66. | | 0 |
| 444 | Hydrogen peroxide produced during γ -glutamyl transpeptidase activity is involved in prevention of apoptosis and maintenance of proliferation in U937 cells. FASEB Journal, 1999, 13, 69-79. | 0.2 | 172 |
| 445 | CNS Wound Healing Is Severely Depressed in Metallothionein I- and II-Deficient Mice. Journal of Neuroscience, 1999, 19, 2535-2545. | 1.7 | 147 |
| 446 | Albumin is a major serum survival factor for renal tubular cells and macrophages through scavenging of ROS. American Journal of Physiology - Renal Physiology, 1999, 277, F711-F722. | 1.3 | 87 |
| 447 | Nitric Oxide Is Involved in Apoptosis Induced by Thapsigargin in Rat Mesangial Cells. Cellular Physiology and Biochemistry, 1999, 9, 285-296. | 1.1 | 12 |
| 448 | Ceramide induces cytochrome c release from isolated mitochondria. Biochemical Society Symposia, 1999, 66, 27-31. | 2.7 | 37 |
| 449 | Detection of Cell Death of Cultured Mouse Mesangial Cells Induced by Oxidized Low-Density Lipoprotein. Nephron, 1999, 82, 51-58. | 0.9 | 19 |
| 450 | Lipid Peroxidation, Leukocyte Function and Apoptosis in Hemodialysis Patients Treated with Vitamin E-Modified Filters. , 1999, 127, 156-171. | | 14 |
| 451 | Dietary Compounds That Induce Cancer Preventive Phase 2 Enzymes Activate Apoptosis at Comparable Doses in HT29 Colon Carcinoma Cells. Journal of Nutrition, 1999, 129, 1827-1835. | 1.3 | 71 |
| 452 | Caspase-Mediated Proteolysis and Activation of Protein Kinase C β Plays a Central Role in Neutrophil Apoptosis. Blood, 1999, 94, 291-301. | 0.6 | 119 |
| 453 | The Novel Synthetic Retinoid 6-[3-adamantyl-4-hydroxyphenyl]-2-naphthalene Carboxylic Acid (CD437) Causes Apoptosis in Acute Promyelocytic Leukemia Cells Through Rapid Activation of Caspases. Blood, 1999, 93, 1045-1061. | 0.6 | 79 |
| 454 | Eosinophil Apoptosis Is Mediated by Stimulators of Cellular Oxidative Metabolisms and Inhibited by Antioxidants: Involvement of a Thiol-Sensitive Redox Regulation in Eosinophil Cell Death. Blood, 1999, 94, 2365-2373. | 0.6 | 63 |
| 455 | Tobacco smoke induces mitochondrial depolarization along with cell death: effects of antioxidants. Redox Report, 1999, 4, 229-236. | 1.4 | 65 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 456 | Thiol Depletion Induces Apoptosis in Cultured Lung Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 54-64. | 1.4 | 72 |
| 457 | Role of Hsp27 and Related Proteins. Handbook of Experimental Pharmacology, 1999, , 101-132. | 0.9 | 23 |
| 458 | Fas and Fas ligand expression in cystic fibrosis airway epithelium. Thorax, 1999, 54, 1093-1098. | 2.7 | 30 |
| 459 | Chemical Toxicants Activate Murine Ovarian Ascitic Tumor Cells for In Situ Lipofection. Drug Delivery, 1999, 6, 75-79. | 2.5 | 4 |
| 460 | Cytochrome c-mediated Apoptosis in Cells Lacking Mitochondrial DNA. Journal of Biological Chemistry, 1999, 274, 29905-29911. | 1.6 | 153 |
| 461 | Ischemic Preconditioning Reduces Apoptosis By Upregulating Anti-Death Gene Bcl-2. Circulation, 1999, 100, II-369-II-375. | 1.6 | 171 |
| 462 | Monoclonal antibodies against oxidized low-density lipoprotein bind to apoptotic cells and inhibit their phagocytosis by elicited macrophages: Evidence that oxidation-specific epitopes mediate macrophage recognition. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6353-6358. | 3.3 | 427 |
| 463 | Effects of Thyroid Hormones on Apoptotic Cell Death of Human Lymphocytes1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1378-1385. | 1.8 | 63 |
| 464 | Mitogenic and Antioxidant Mechanisms of Estradiol Action in Preovulatory Ovine Follicles: Relevance to Luteal Function1. Biology of Reproduction, 1999, 61, 388-392. | 1.2 | 52 |
| 465 | Involvement of Oxidative Stress in Tumor Cytotoxic Activity of Hepatocyte Growth Factor/Scatter Factor. Journal of Biological Chemistry, 1999, 274, 13541-13546. | 1.6 | 60 |
| 466 | Decreased Intracellular Superoxide Levels Activate Sindbis Virus-induced Apoptosis. Journal of Biological Chemistry, 1999, 274, 13650-13655. | 1.6 | 35 |
| 467 | Selective Sensitization to Tumor Necrosis Factor- α -induced Apoptosis by Blockade of NF- κ B in Primary Glomerular Mesangial Cells. Journal of Biological Chemistry, 1999, 274, 19532-19537. | 1.6 | 63 |
| 468 | Involvement of N-Acetylcysteine-sensitive Pathways in Ricin-induced Apoptotic Cell Death in U937 Cells. Bioscience, Biotechnology and Biochemistry, 1999, 63, 341-348. | 0.6 | 40 |
| 469 | <i>Escherichia coli</i> Promotes Macrophage Apoptosis. Journal of Endourology, 1999, 13, 273-277. | 1.1 | 10 |
| 470 | Enhanced Glutathione Levels and Oxidoresistance Mediated by Increased Glucose-6-phosphate Dehydrogenase Expression. Journal of Biological Chemistry, 1999, 274, 2750-2757. | 1.6 | 289 |
| 471 | Histamine Protects T Cells and Natural Killer Cells Against Oxidative Stress. Journal of Interferon and Cytokine Research, 1999, 19, 1135-1144. | 0.5 | 81 |
| 472 | Mitochondrial Phospholipid Hydroperoxide Glutathione Peroxidase Suppresses Apoptosis Mediated by a Mitochondrial Death Pathway. Journal of Biological Chemistry, 1999, 274, 29294-29302. | 1.6 | 260 |
| 473 | Oxidative Stress Inhibits Apoptosis in Human Lymphoma Cells. Journal of Biological Chemistry, 1999, 274, 19792-19798. | 1.6 | 238 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 474 | Primary and secondary mechanisms of action of visible to near-IR radiation on cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 49, 1-17. | 1.7 | 1,059 |
| 475 | Microwaves and cellular immunity. <i>Bioelectrochemistry</i> , 1999, 49, 37-41. | 1.0 | 18 |
| 476 | Soluble tumor necrosis factor receptor type II (sTNFR _{II}) in HIV-infected patients: relationship with the plasma level of HIV-1 RNA. <i>Immunology Letters</i> , 1999, 67, 91-94. | 1.1 | 1 |
| 477 | CD95 expression and function on lymphocyte subpopulations in common variable immunodeficiency (CVID); related to increased apoptosis. <i>Clinical and Experimental Immunology</i> , 1999, 117, 138-146. | 1.1 | 40 |
| 478 | Hydrogen Peroxide Activation of Multiple Mitogen-Activated Protein Kinases in an Oligodendrocyte Cell Line. <i>Journal of Neurochemistry</i> , 1999, 72, 112-119. | 2.1 | 233 |
| 479 | Mechanisms of damage to myelin and oligodendrocytes and their relevance to disease. <i>Neuropathology and Applied Neurobiology</i> , 1999, 25, 435-458. | 1.8 | 96 |
| 480 | Bcl-2 genes and growth factors in the pathology of ischaemic acute renal failure. <i>Immunology and Cell Biology</i> , 1999, 77, 279-286. | 1.0 | 52 |
| 481 | Interactions of HIV-1 with antigen-presenting cells. <i>Immunology and Cell Biology</i> , 1999, 77, 289-303. | 1.0 | 9 |
| 482 | Selective protection by hsp 70 against cytotoxic drug-induced, but not Fas-induced T cell apoptosis. <i>Immunology</i> , 1999, 97, 36-44. | 2.0 | 49 |
| 483 | Clusterin Gene Expression Mediates Resistance to Apoptotic Cell Death Induced by Heat Shock and Oxidative Stress. <i>Journal of Investigative Dermatology</i> , 1999, 112, 290-296. | 0.3 | 161 |
| 484 | Lp(a) and LDL induce apoptosis in human endothelial cells and in rabbit aorta: Role of oxidative stress. <i>Kidney International</i> , 1999, 55, 1450-1461. | 2.6 | 115 |
| 485 | Apoptosis, the Role of Oxidative Stress and the Example of Solar UV Radiation. <i>Photochemistry and Photobiology</i> , 1999, 70, 380-390. | 1.3 | 143 |
| 486 | Oxygen Free Radical Signaling in Ischemic Preconditioning. <i>Annals of the New York Academy of Sciences</i> , 1999, 874, 49-65. | 1.8 | 83 |
| 487 | Apoptosis in Isolated Adult Cardiomyocytes Exposed to Adriamycin. <i>Annals of the New York Academy of Sciences</i> , 1999, 874, 156-168. | 1.8 | 76 |
| 488 | Pineal indoleamines and vitamin E reduce nitric oxide-induced lipid peroxidation in rat retinal homogenates. <i>Journal of Pineal Research</i> , 1999, 27, 122-128. | 3.4 | 109 |
| 489 | Spontaneous apoptosis and expression of cell surface heat shock proteins in cultured EL4 lymphoma cells. <i>Cell Proliferation</i> , 1999, 32, 363-378. | 2.4 | 70 |
| 490 | The roles of caspase-3 and bcl-2 in chemically-induced apoptosis but not necrosis of renal epithelial cells. <i>Oncogene</i> , 1999, 18, 6505-6512. | 2.6 | 68 |
| 491 | Granulocyte colony-stimulating factor (G-CSF) transiently suppresses mitogen-stimulated T-cell proliferative response. <i>British Journal of Cancer</i> , 1999, 80, 229-235. | 2.9 | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 492 | Camptothecin sensitizes androgen-independent prostate cancer cells to anti-Fas-induced apoptosis. <i>British Journal of Cancer</i> , 1999, 80, 371-378. | 2.9 | 34 |
| 493 | [Arg6,D-Trp7,9,NmePhe8]-substance P (6â€“11) activates JNK and induces apoptosis in small cell lung cancer cells via an oxidant-dependent mechanism. <i>British Journal of Cancer</i> , 1999, 80, 1026-1034. | 2.9 | 27 |
| 494 | Excitotoxins in Neuronal Apoptosis and Necrosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 583-591. | 2.4 | 143 |
| 495 | N-Nitrosodimethylamine-Mediated Cytotoxicity in a Cell Line Expressing P450 2E1: Evidence for Apoptotic Cell Death. <i>Toxicology and Applied Pharmacology</i> , 1999, 157, 117-124. | 1.3 | 44 |
| 496 | Induction of Apoptosis in Human T-Cells by Methyl Mercury: Temporal Relationship between Mitochondrial Dysfunction and Loss of Reductive Reserve. <i>Toxicology and Applied Pharmacology</i> , 1999, 157, 23-35. | 1.3 | 116 |
| 497 | The modular nature of apoptotic signaling proteins. <i>Cellular and Molecular Life Sciences</i> , 1999, 55, 1113. | 2.4 | 125 |
| 498 | Oxidative Stress Status in the Transition of Hypertrophy to Heart Failure. <i>Heart Failure Reviews</i> , 1999, 4, 353-360. | 1.7 | 3 |
| 499 | Oxidative Stress in Heart Failure: Current Understanding and Prospective. <i>Heart Failure Reviews</i> , 1999, 4, 1-10. | 1.7 | 1 |
| 500 | Cardiac Remodeling: From Concepts to Therapeutics. <i>Heart Failure Reviews</i> , 1999, 4, 7-20. | 1.7 | 1 |
| 501 | Apoptosis, Heart Failure, Ischemic Heart Disease. <i>Heart Failure Reviews</i> , 1999, 4, 1-9. | 1.7 | 8 |
| 502 | Modulation of antioxidant enzymes and apoptosis in mice by dietary lipids and treadmill exercise. <i>Journal of Clinical Immunology</i> , 1999, 19, 35-44. | 2.0 | 49 |
| 503 | Regulation of cardiomyocyte apoptosis in ischemic reperfused mouse heart by glutathione peroxidase. <i>Molecular and Cellular Biochemistry</i> , 1999, 196, 13-21. | 1.4 | 67 |
| 504 | Elevation of apoptotic potential by anoxia hyperoxia shift in NIH3T3 cells. <i>Molecular and Cellular Biochemistry</i> , 1999, 197, 147-159. | 1.4 | 14 |
| 505 | Duodeno-esophageal reflux induces apoptosis in rat esophageal epithelium. <i>Digestive Diseases and Sciences</i> , 1999, 44, 301-310. | 1.1 | 18 |
| 506 | Non-Platinum Chemotherapeutic Metallopharmaceuticals. <i>Chemical Reviews</i> , 1999, 99, 2511-2534. | 23.0 | 874 |
| 507 | Effect of hydrogen peroxide on the metabolism of articular chondrocytes. <i>Inflammation Research</i> , 1999, 48, 399-403. | 1.6 | 46 |
| 508 | Reactive oxygen species and reactive nitrogen species: Relevance to cyto(neuro)toxic events and neurologic disorders. An overview. <i>Neurotoxicity Research</i> , 1999, 1, 197-233. | 1.3 | 185 |
| 509 | Zinc protects against ultraviolet A1-induced DNA damage and apoptosis in cultured human fibroblasts. <i>Biological Trace Element Research</i> , 1999, 69, 177-190. | 1.9 | 62 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 510 | Induction of apoptosis and apoptotic mediators in balb/C splenic lymphocytes by dietary n ³ and n ⁶ fatty acids. <i>Lipids</i> , 1999, 34, 921-927. | 0.7 | 45 |
| 511 | Apoptosis induction by macrophage-derived reactive oxygen species in myelin-specific T cells requires cell-cell contact. <i>Journal of Neuroimmunology</i> , 1999, 95, 152-156. | 1.1 | 12 |
| 512 | Preeclampsia: An excessive maternal inflammatory response to pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 180, 499-506. | 0.7 | 1,704 |
| 513 | Reactive oxygen intermediates as mediators of programmed cell death in plants and animals. <i>Biochemical Pharmacology</i> , 1999, 57, 231-245. | 2.0 | 537 |
| 514 | Inhibition by ascorbic acid of apoptosis induced by oxidative stress in HL-60 myeloid leukemia cells. <i>Biochemical Pharmacology</i> , 1999, 57, 823-832. | 2.0 | 64 |
| 515 | Suppression of tumor necrosis factor-activated nuclear transcription factor- κ B, activator protein-1, c-Jun N-terminal kinase, and apoptosis by β -lapachone. <i>Biochemical Pharmacology</i> , 1999, 57, 763-774. | 2.0 | 61 |
| 516 | Therapy by taking away: the case of iron. <i>Biochemical Pharmacology</i> , 1999, 57, 1345-1349. | 2.0 | 32 |
| 517 | Cocaine cytotoxicity in hepatocyte cultures from phenobarbital-induced rats: involvement of reactive oxygen species and expression of antioxidant defense systems. <i>Biochemical Pharmacology</i> , 1999, 58, 797-805. | 2.0 | 37 |
| 518 | Neurotransmitters, KCl and antioxidants rescue striatal neurons from apoptotic cell death in culture. <i>Brain Research</i> , 1999, 816, 276-285. | 1.1 | 42 |
| 519 | Apoptosis and expression of p53 response proteins and cyclin D1 after cortical impact in rat brain. <i>Brain Research</i> , 1999, 818, 23-33. | 1.1 | 129 |
| 520 | Effects of three epoxides—ethylene oxide, propylene oxide and epichlorohydrin—on cell cycle progression and cell death in human diploid fibroblasts. <i>Chemico-Biological Interactions</i> , 1999, 117, 219-239. | 1.7 | 24 |
| 521 | Induction of apoptosis by penta-O-galloyl- β -D-glucose through activation of caspase-3 in human leukemia HL-60 cells. <i>European Journal of Pharmacology</i> , 1999, 381, 171-183. | 1.7 | 55 |
| 522 | Induction of type 1 programmed cell death in U937 cells by the antioxidant, butylated hydroxy-toluene or the free radical spin trap, NTB. <i>Leukemia Research</i> , 1999, 23, 665-673. | 0.4 | 9 |
| 523 | Apoptotic process in the monkey small intestinal epithelium: I. association with glutathione level and its efflux. <i>Free Radical Biology and Medicine</i> , 1999, 26, 245-252. | 1.3 | 22 |
| 524 | Free radical-induced megamitochondria formation and apoptosis. <i>Free Radical Biology and Medicine</i> , 1999, 26, 396-409. | 1.3 | 138 |
| 525 | Apoptotic process in the monkey small intestinal epithelium: 2. Possible role of oxidative stress. <i>Free Radical Biology and Medicine</i> , 1999, 26, 431-438. | 1.3 | 27 |
| 526 | Apoptosis in the monkey small intestinal epithelium: structural and functional alterations in the mitochondria. <i>Free Radical Biology and Medicine</i> , 1999, 26, 836-843. | 1.3 | 8 |
| 527 | Modification of gene expression by dietary antioxidants in radiation-induced apoptosis of mice splenocytes. <i>Free Radical Biology and Medicine</i> , 1999, 26, 887-891. | 1.3 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 528 | Lysosomal release of Cathepsin D precedes relocation of Cytochrome C and loss of mitochondrial transmembrane potential during apoptosis induced by oxidative stress. <i>Free Radical Biology and Medicine</i> , 1999, 27, 1228-1237. | 1.3 | 198 |
| 529 | Attenuation of endogenous oxidative stress-induced cell death by cytochrome P450 inhibitors in primary cultures of rat hepatocytes. <i>Free Radical Biology and Medicine</i> , 1999, 27, 1019-1026. | 1.3 | 37 |
| 530 | Tissue-specific functions of individual glutathione peroxidases. <i>Free Radical Biology and Medicine</i> , 1999, 27, 951-965. | 1.3 | 931 |
| 531 | Effect of nitric oxide production and oxygen tension on progenitor preservation in ex vivo culture. <i>Experimental Hematology</i> , 1999, 27, 441-450. | 0.2 | 53 |
| 532 | Mechanisms of Nitric Oxide-Dependent Apoptosis: Involvement of Mitochondrial Mediators. <i>Cellular Signalling</i> , 1999, 11, 239-244. | 1.7 | 120 |
| 533 | Zinc nutrition and apoptosis of vascular endothelial cells: implications in atherosclerosis. <i>Nutrition</i> , 1999, 15, 744-748. | 1.1 | 67 |
| 534 | Prevention of apoptosis reperfusion renal injury by calcium channel blockers. <i>Experimental and Toxicologic Pathology</i> , 1999, 51, 209-212. | 2.1 | 15 |
| 535 | CD95-mediated murine hepatic apoptosis requires an intact glutathione status. <i>Hepatology</i> , 1999, 30, 177-185. | 3.6 | 62 |
| 536 | PAK2 is cleaved and activated during hyperosmotic shock-induced apoptosis via a caspase-dependent mechanism: Evidence for the involvement of oxidative stress. , 1999, 178, 397-408. | | 51 |
| 537 | Mechanistic studies of the effects of the retinoid N-(4-hydroxyphenyl)retinamide on prostate cancer cell growth and apoptosis. , 1999, 24, 160-168. | | 26 |
| 538 | The effects of supplementation with α -tocopherol and β -carotene on the incidence and mortality of carcinoma of the pancreas in a randomized, controlled trial. , 1999, 86, 37-42. | | 64 |
| 539 | Sodium selenite-induced oxidative stress and apoptosis in human hepatoma HepG2 cells. , 1999, 81, 820-828. | | 161 |
| 540 | Cytotoxic and genotoxic potential of dopamine. , 1999, 55, 659-665. | | 399 |
| 541 | Fertilizing ability of DNA-damaged spermatozoa. , 1999, 284, 696-704. | | 416 |
| 544 | Role of Radical Oxygen Species in Rat Testicular Germ Cell Apoptosis Induced by Heat Stress. <i>Biology of Reproduction</i> , 1999, 61, 393-399. | 1.2 | 165 |
| 545 | Apoptotic Cells Associated with Wallerian Degeneration After Experimental Spinal Cord Injury: A Possible Mechanism of Oligodendroglial Death. <i>Journal of Neurotrauma</i> , 1999, 16, 945-952. | 1.7 | 101 |
| 546 | Anthraquinone cytotoxicity and apoptosis in primary cultures of rat hepatocytes. <i>Free Radical Research</i> , 1999, 31, 419-428. | 1.5 | 27 |
| 547 | Reactive oxygen intermediates regulate cellular response to apoptotic stimuli: An hypothesis. <i>Free Radical Research</i> , 1999, 30, 247-252. | 1.5 | 149 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 548 | Cell death process initiated by a combination of aluminium and iron in suspension-cultured tobacco cells (<i>Nicotiana tabacum</i>): Apoptosis-like cell death mediated by calcium and proteinase. <i>Soil Science and Plant Nutrition</i> , 1999, 45, 647-657. | 0.8 | 45 |
| 549 | Free radicals and reactive oxygen species in programmed cell death. <i>Medical Hypotheses</i> , 1999, 52, 451-463. | 0.8 | 50 |
| 550 | Induction of negative regulators of haematopoiesis in human bone marrow cells by HLA-DR cross-linking. <i>Transplant Immunology</i> , 1999, 7, 159-168. | 0.6 | 10 |
| 551 | Cerebellar morphological alterations in rats induced by prenatal ozone exposure. <i>Neuroscience Letters</i> , 1999, 276, 37-40. | 1.0 | 13 |
| 552 | Flow cytometric procedure to detect apoptosis of bovine polymorphonuclear leukocytes in blood. <i>Veterinary Immunology and Immunopathology</i> , 1999, 70, 125-133. | 0.5 | 30 |
| 553 | Cycloheximide and 4-OH-TEMPO suppress chloramphenicol-induced apoptosis in RL-34 cells via the suppression of the formation of megamitochondria. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1449, 25-40. | 1.9 | 33 |
| 554 | Dual mechanism of Fas-induced cell death in neuroglioma cells: a role for reactive oxygen species. <i>Molecular Brain Research</i> , 1999, 72, 158-165. | 2.5 | 38 |
| 555 | CYTOTOXICITY OF SHORT-CHAIN ALCOHOLS. <i>Annual Review of Pharmacology and Toxicology</i> , 1999, 39, 127-150. | 4.2 | 65 |
| 556 | Antioxidant status and glutathione metabolism in peripheral blood mononuclear cells from patients with chronic hepatitis C. <i>Journal of Hepatology</i> , 1999, 31, 808-814. | 1.8 | 98 |
| 557 | The serum interleukin 8 level reflects hepatic mitochondrial redox state in hyperthermochemohypoxic isolated liver perfusion with use of a venovenous bypass. <i>Surgery</i> , 1999, 125, 304-314. | 1.0 | 13 |
| 558 | H ₂ O ₂ induces apoptosis in bovine tracheal epithelial cells in vitro. <i>Life Sciences</i> , 1999, 64, 2489-2496. | 2.0 | 20 |
| 559 | Differential regulation of Bcl-2, AP-1 and NF- κ B on cardiomyocyte apoptosis during myocardial ischemic stress adaptation. <i>FEBS Letters</i> , 1999, 443, 331-336. | 1.3 | 103 |
| 560 | N-acetylserotonin is a better extra- and intracellular antioxidant than melatonin. <i>FEBS Letters</i> , 1999, 449, 206-210. | 1.3 | 61 |
| 561 | Quercetin and anti-CD95(Fas/Apo1) enhance apoptosis in HPB-ALL cell line. <i>FEBS Letters</i> , 1999, 462, 322-328. | 1.3 | 81 |
| 562 | Enhancement of allergic inflammation by diesel exhaust particles: permissive role of reactive oxygen species. <i>Annals of Allergy, Asthma and Immunology</i> , 1999, 83, 624-629. | 0.5 | 67 |
| 563 | Oxidative Damage to DNA in Human Spermatozoa Does Not Preclude Pronucleus Formation at Intracytoplasmic Sperm Injection. <i>Journal of Urology</i> , 1999, 161, 723-723. | 0.2 | 0 |
| 564 | Hydrogen peroxide-induced apoptosis in HL-60 cells requires caspase-3 activation. <i>Free Radical Research</i> , 1999, 30, 73-83. | 1.5 | 155 |
| 565 | OXIDANT MECHANISMS IN TOXIC ACUTE RENAL FAILURE*. <i>Drug Metabolism Reviews</i> , 1999, 31, 971-997. | 1.5 | 317 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 566 | Ascorbic Acid Inhibits Apoptosis Induced by X Irradiation in HL60 Myeloid Leukemia Cells. Radiation Research, 1999, 152, 468. | 0.7 | 49 |
| 567 | Alterations in the Binding of [Cl(NH ₃) ₅ Ru(III)] ²⁺ to DNA by Glutathione: A Reduction, Autoxidation, Coordination, and Decomposition. Journal of the American Chemical Society, 1999, 121, 8523-8532. | 6.6 | 69 |
| 568 | Sequence of Metabolic Changes during X-Ray-Induced Apoptosis. Experimental Cell Research, 1999, 247, 160-167. | 1.2 | 31 |
| 569 | Reactive Oxygen Species as Mediators of Photoreceptor Apoptosis in Vitro. Experimental Cell Research, 1999, 248, 520-530. | 1.2 | 98 |
| 570 | Collapse of the Inner Mitochondrial Transmembrane Potential Is Not Required for Apoptosis of HL60 Cells. Experimental Cell Research, 1999, 251, 166-174. | 1.2 | 139 |
| 571 | The Human Immunodeficiency Virus-1 Tat Protein Increases Cell Proliferation, Alters Sensitivity to Zinc Chelator-Induced Apoptosis, and Changes Sp1 DNA Binding in HeLa Cells. Archives of Biochemistry and Biophysics, 1999, 361, 165-172. | 1.4 | 62 |
| 572 | Involvement of Reactive Oxygen Species Produced via NADPH Oxidase in Tyrosine Phosphorylation in Human B- and T-Lineage Lymphoid Cells. Biochemical and Biophysical Research Communications, 1999, 255, 262-267. | 1.0 | 31 |
| 573 | Activation of Caspase 3 in HL-60 Cells Exposed to Hydrogen Peroxide. Biochemical and Biophysical Research Communications, 1999, 255, 477-482. | 1.0 | 102 |
| 574 | 2-Deoxy-d-ribose-Induced Apoptosis in HL-60 Cells Is Associated with the Cell Cycle Progression by Spermidine. Biochemical and Biophysical Research Communications, 1999, 257, 460-465. | 1.0 | 26 |
| 575 | N-acetylcysteine and Ambroxol Inhibit Endotoxin-induced Phagocyte Accumulation in Rat Lungs. Pulmonary Pharmacology and Therapeutics, 1999, 12, 369-375. | 1.1 | 12 |
| 576 | Apoptosis in Vascular Endothelial Cells Caused by Serum Deprivation, Oxidative Stress and Transforming Growth Factor- β ² . Endothelium: Journal of Endothelial Cell Research, 1999, 7, 35-49. | 1.7 | 72 |
| 577 | Oxidative stress, growth factor starvation and Fas activation may all cause apoptosis through lysosomal leak. Redox Report, 1999, 4, 3-11. | 1.4 | 173 |
| 578 | Suppression of Intracellular Superoxide Dismutase Activity by Antisense Oligonucleotides Causes Inhibition of Progesterone Production by Rat Luteal Cells I. Biology of Reproduction, 1999, 61, 1133-1138. | 1.2 | 59 |
| 579 | Effects of Antioxidants on Induction of Apoptosis in Bursal Cells of Fabricius during In Vitro Cultivation. Journal of Veterinary Medical Science, 2000, 62, 43-47. | 0.3 | 4 |
| 580 | Protection by Polaprezinc, an Anti-ulcer Drug, Against Indomethacin-Induced Apoptosis in Rat Gastric Mucosal Cells. The Japanese Journal of Pharmacology, 2000, 84, 63-70. | 1.2 | 30 |
| 581 | Zinc protects against apoptosis of endothelial cells induced by linoleic acid and tumor necrosis factor α . American Journal of Clinical Nutrition, 2000, 71, 81-87. | 2.2 | 131 |
| 582 | Demystified ...: Apoptosis. Journal of Clinical Pathology, 2000, 53, 55-63. | 2.1 | 126 |
| 583 | Apoptosis: Implications for Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2000, 6, 191-205. | 0.9 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 584 | Cell Death in Human Lung Transplantation: Apoptosis Induction in Human Lungs During Ischemia and After Transplantation. <i>Annals of Surgery</i> , 2000, 231, 424-431. | 2.1 | 164 |
| 585 | The ability of mineral dusts and fibres to initiate lipid peroxidation. Part II: relationship to different particle-induced pathological effects. <i>Redox Report</i> , 2000, 5, 325-351. | 1.4 | 4 |
| 586 | Thiol-mediated apoptosis in prostate carcinoma cells. , 2000, 88, 2092-2104. | | 71 |
| 587 | The role of apoptosis in vascular disease. , 2000, 190, 267-280. | | 148 |
| 588 | Nicotinamide prevents the development of diabetes in the cyclophosphamide-induced NOD mouse model by reducing beta-cell apoptosis. , 2000, 191, 86-92. | | 41 |
| 589 | Inhibition of UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermal carcinoma A431 cells by genistein. , 2000, 78, 73-84. | | 83 |
| 590 | Simultaneous detection of mitochondrial respiratory chain activity and reactive oxygen in digitonin-permeabilized cells using flow cytometry. <i>Cytometry</i> , 2000, 41, 245-251. | 1.8 | 93 |
| 591 | Glutathione is a factor of resistance of Jurkat leukemia cells to nitric oxide-mediated apoptosis. <i>Journal of Cellular Biochemistry</i> , 2000, 78, 578-587. | 1.2 | 40 |
| 592 | HYDROGEN PEROXIDE INDUCES APOPTOSIS IN HUMAN HEPATOMA CELLS AND ALTERS CELL REDOX STATUS. <i>Cell Biology International</i> , 2000, 24, 9-23. | 1.4 | 68 |
| 593 | Insights into adenosine A1 and A3 receptors function: Cardiotoxicity and cardioprotection. <i>Drug Development Research</i> , 2000, 50, 324-337. | 1.4 | 16 |
| 594 | N-acetylcysteine increases apoptosis induced by H ₂ O ₂ and mo-antiFas triggering in a 3DO hybridoma cell line. <i>Cell Biochemistry and Function</i> , 2000, 18, 201-208. | 1.4 | 6 |
| 595 | Nitric oxide mediates cyclosporine-induced apoptosis in cultured renal cells. <i>Kidney International</i> , 2000, 57, 1549-1559. | 2.6 | 58 |
| 596 | Spontaneous and oxidative stress-induced programmed cell death in lymphocytes from patients with ataxia telangiectasia (AT). <i>Clinical and Experimental Immunology</i> , 2000, 119, 140-147. | 1.1 | 13 |
| 597 | Apoptosis in the intestinal epithelium: Its relevance in normal and pathophysiological conditions. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2000, 15, 109-120. | 1.4 | 169 |
| 598 | Apoptosis-inducing natural products found in utero during murine pregnancy. <i>Chemistry and Biology</i> , 2000, 7, 365-372. | 6.2 | 11 |
| 599 | The inhibitory effect of zinc on cadmium-induced cell apoptosis and reactive oxygen species (ROS) production in cell cultures. <i>Toxicology</i> , 2000, 145, 159-171. | 2.0 | 219 |
| 600 | Mechanisms of apoptosis in rat cerebellar granule cells induced by hydroxyl radicals and the effects of EGb761 and its constituents. <i>Toxicology</i> , 2000, 148, 103-110. | 2.0 | 61 |
| 601 | Apoptotic cell death during ischemia/reperfusion and its attenuation by antioxidant therapy. <i>Toxicology</i> , 2000, 148, 111-118. | 2.0 | 85 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 602 | Suppressed oxidant-induced apoptosis in cadmium adapted alveolar epithelial cells and its potential involvement in cadmium carcinogenesis. <i>Toxicology</i> , 2000, 147, 215-228. | 2.0 | 79 |
| 603 | Metallothioneins, oxidative stress and the cardiovascular system. <i>Toxicology</i> , 2000, 155, 17-26. | 2.0 | 76 |
| 604 | Neutrophils augment the release of TNF α from LPS-stimulated macrophages via hydrogen peroxide. <i>Immunology Letters</i> , 2000, 71, 97-102. | 1.1 | 25 |
| 605 | Transcription Factor Nuclear Factor-Kappa B is Activated in Neurons after Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 592-603. | 2.4 | 192 |
| 606 | Heat shock proteins α modulators of apoptosis in tumour cells. <i>Leukemia</i> , 2000, 14, 1161-1173. | 3.3 | 199 |
| 607 | Human renal mesangial cells are a target for the anti-inflammatory action of 9-cis retinoic acid. <i>British Journal of Pharmacology</i> , 2000, 131, 1673-1683. | 2.7 | 29 |
| 608 | The effect of a ceramide analog, N-acetylsphingosine on the induction of proliferation and IL-2 synthesis in T cells from young and old F344 rats. <i>Immunopharmacology</i> , 2000, 49, 345-354. | 2.0 | 3 |
| 609 | Nicotine switches the form of H ₂ O ₂ -induced cell death from apoptosis to necrosis in U937 cells. <i>Immunology Letters</i> , 2000, 72, 163-166. | 1.1 | 22 |
| 610 | Nitrite generation and antioxidant effects during neutrophil apoptosis. <i>Free Radical Biology and Medicine</i> , 2000, 28, 934-943. | 1.3 | 31 |
| 611 | Vascular oxidant stress early after balloon injury: evidence for increased NAD(P)H oxidoreductase activity. <i>Free Radical Biology and Medicine</i> , 2000, 28, 1232-1242. | 1.3 | 110 |
| 612 | Triggering and modulation of apoptosis by oxidative stress. <i>Free Radical Biology and Medicine</i> , 2000, 29, 323-333. | 1.3 | 1,165 |
| 613 | SV40 T/t-antigens sensitize mammary gland epithelial cells to oxidative stress and apoptosis. <i>Free Radical Biology and Medicine</i> , 2000, 29, 497-506. | 1.3 | 6 |
| 614 | Hydrogen peroxide inhibits activation, not activity, of cellular caspase-3 in vivo. <i>Free Radical Biology and Medicine</i> , 2000, 29, 684-692. | 1.3 | 80 |
| 615 | Role of glutathione S-transferases in oxidative stress α -induced male germ cell apoptosis. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1015-1027. | 1.3 | 116 |
| 616 | Glyceroglycolipids preventing tert-butylhydroperoxide-induced cell death from <i>Microbacterium</i> sp. and <i>Corynebacterium aquaticum</i> strains. <i>Journal of Bioscience and Bioengineering</i> , 2000, 89, 170-175. | 1.1 | 7 |
| 617 | PDGF and TGF- β 2 partially prevent 2-deoxy-d-ribose-induced apoptosis in the fat body cell line IPLB-LdFB from the insect <i>Lymantria dispar</i> . <i>Journal of Insect Physiology</i> , 2000, 46, 81-87. | 0.9 | 15 |
| 618 | Role of the aromatic hydrocarbon receptor and [Ah] gene battery in the oxidative stress response, cell cycle control, and apoptosis. <i>Biochemical Pharmacology</i> , 2000, 59, 65-85. | 2.0 | 867 |
| 619 | Comparison of oxidative stress response parameters in newborn mouse liver versus simian virus 40 (SV40)-transformed hepatocyte cell lines. <i>Biochemical Pharmacology</i> , 2000, 59, 703-712. | 2.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 620 | Induction of Hsp68 by oxidative stress involves the lipoxygenase pathway in C6 rat glioma cells. <i>Brain Research</i> , 2000, 864, 114-123. | 1.1 | 9 |
| 621 | Apoptosis induced by chelation of intracellular zinc is associated with depletion of cellular reduced glutathione level in rat hepatocytes. <i>Chemico-Biological Interactions</i> , 2000, 125, 151-163. | 1.7 | 78 |
| 622 | Mechanisms of Cyclosporine A-Induced Apoptosis in Rat Hepatocyte Primary Cultures. <i>Toxicology and Applied Pharmacology</i> , 2000, 163, 209-220. | 1.3 | 60 |
| 623 | Cellular Glutathione Status Modulates Polychlorinated Biphenyl-Induced Stress Response and Apoptosis in Vascular Endothelial Cells. <i>Toxicology and Applied Pharmacology</i> , 2000, 166, 36-42. | 1.3 | 72 |
| 624 | Organotins Induce Apoptosis by Disturbance of $[Ca^{2+}]_i$ and Mitochondrial Activity, Causing Oxidative Stress and Activation of Caspases in Rat Thymocytes. <i>Toxicology and Applied Pharmacology</i> , 2000, 169, 185-190. | 1.3 | 123 |
| 625 | Treatment with nimodipine or mannitol reduces programmed cell death and infarct size following focal cerebral ischemia. <i>Neurosurgical Review</i> , 2000, 23, 145-150. | 1.2 | 58 |
| 626 | Correlation of metallothionein expression with apoptosis in nasopharyngeal carcinoma. <i>British Journal of Cancer</i> , 2000, 82, 1198-1203. | 2.9 | 44 |
| 627 | Suppression of manganese superoxide dismutase augments sensitivity to radiation, hyperthermia and doxorubicin in colon cancer cell lines by inducing apoptosis. <i>British Journal of Cancer</i> , 2000, 83, 928-934. | 2.9 | 55 |
| 628 | A hepatotoxic dose of acetaminophen modulates expression of BCL-2, BCL-X L , and BCL-X S during apoptotic and necrotic death of mouse liver cells in vivo. <i>Archives of Toxicology</i> , 2000, 73, 594-606. | 1.9 | 59 |
| 629 | Coenzyme Q and vitamin E need each other as antioxidants. <i>Protoplasma</i> , 2000, 214, 11-18. | 1.0 | 40 |
| 630 | Signal transduction events elicited by natural products: Role of MAPK and caspase pathways in homeostatic response and induction of apoptosis. <i>Archives of Pharmacal Research</i> , 2000, 23, 1-16. | 2.7 | 247 |
| 631 | Post-ischemic intraportal adenosine administration protects against reperfusion injury of canine liver. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2000, 7, 78-85. | 2.0 | 9 |
| 632 | Metallothionein in human atherosclerotic lesions: a scavenger mechanism for reactive oxygen species in the plaque?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2000, 437, 528-533. | 1.4 | 22 |
| 633 | Apoptosis in the aging process. <i>Cell and Tissue Research</i> , 2000, 301, 125-132. | 1.5 | 183 |
| 634 | Thioredoxin prolongs survival of B-type chronic lymphocytic leukemia cells. <i>Blood</i> , 2000, 95, 1420-1426. | 0.6 | 59 |
| 635 | Mitochondria as Targets for the Induction of Apoptosis in Photodynamic Therapy. , 2000, , 157-168. | | 2 |
| 636 | Exercise and oxidative stress methodology: a critique. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 670S-674S. | 2.2 | 92 |
| 637 | Induction of Metabolism-Dependent and -Independent Neutrophil Apoptosis by Clozapine. <i>Molecular Pharmacology</i> , 2000, 58, 207-216. | 1.0 | 120 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 638 | Melatonin attenuates acute renal failure and oxidative stress induced by mercuric chloride in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, F910-F918. | 1.3 | 77 |
| 639 | Cell Ca ²⁺ in Signal Transduction: Modulation in Oxidative Stress. , 2000, , 105-127. | | 1 |
| 640 | Role of Apoptosis in Pathogenesis and Progression of Renal Diseases. <i>Nephron</i> , 2000, 86, 99-104. | 0.9 | 27 |
| 641 | A Comparative Study of Cultured Smooth Muscle Cell Proliferation and Injury, Utilizing Glycated Low Density Lipoproteins with Slight Oxidation, Auto-oxidation, or Extensive Oxidation. <i>Journal of Atherosclerosis and Thrombosis</i> , 2000, 7, 132-137. | 0.9 | 33 |
| 642 | Epidermal Growth Factor Receptor-dependent Akt Activation by Oxidative Stress Enhances Cell Survival. <i>Journal of Biological Chemistry</i> , 2000, 275, 14624-14631. | 1.6 | 408 |
| 643 | Cellular Changes and Apoptosis in the Spleens and Peripheral Blood of Mice Infected with Blood-Stage <i>Plasmodium chabaudi chabaudi</i> AS. <i>Infection and Immunity</i> , 2000, 68, 1485-1490. | 1.0 | 109 |
| 644 | Requirement of Hydrogen Peroxide Generation in TGF- β 1 Signal Transduction in Human Lung Fibroblast Cells: Involvement of Hydrogen Peroxide and Ca ²⁺ in TGF- β 1-Induced IL-6 Expression. <i>Journal of Immunology</i> , 2000, 165, 2190-2197. | 0.4 | 139 |
| 645 | Oxidative Stress Abolishes Leptomycin B-sensitive Nuclear Export of Transcription Repressor Bach2 That Counteracts Activation of Maf Recognition Element. <i>Journal of Biological Chemistry</i> , 2000, 275, 15370-15376. | 1.6 | 91 |
| 646 | Activation of the Cytoplasmic c-Abl Tyrosine Kinase by Reactive Oxygen Species. <i>Journal of Biological Chemistry</i> , 2000, 275, 17237-17240. | 1.6 | 138 |
| 647 | Selective Involvement of Superoxide Anion, but Not Downstream Compounds Hydrogen Peroxide and Peroxynitrite, in Tumor Necrosis Factor- α -induced Apoptosis of Rat Mesangial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 12684-12691. | 1.6 | 125 |
| 648 | Rescue of the Corpus Luteum and an Increase in Luteal Superoxide Dismutase Expression Induced by Placental Luteotropins in the Rat: Action of Testosterone Without Conversion to Estrogen1. <i>Biology of Reproduction</i> , 2000, 62, 398-403. | 1.2 | 32 |
| 650 | [Arg6, D-Trp7,9, NmePhe8]-substance P (ϵ -11) (antagonist G) induces AP-1 transcription and sensitizes cells to chemotherapy. <i>British Journal of Cancer</i> , 2000, 83, 941-948. | 2.9 | 13 |
| 651 | Caspase-3-like activity determines the type of cell death following ionizing radiation in MOLT-4 human leukaemia cells. <i>British Journal of Cancer</i> , 2000, 83, 642-649. | 2.9 | 41 |
| 652 | Cell Death in Retinoblastoma: Electron Microscopic, Immunohistochemical, and DNA Fragmentation Studies. <i>Ultrastructural Pathology</i> , 2000, 24, 23-32. | 0.4 | 13 |
| 653 | Potential use of lipoxygenase inhibitors for cancer chemoprevention. <i>Expert Opinion on Investigational Drugs</i> , 2000, 9, 2121-2138. | 1.9 | 39 |
| 654 | Immune Effects of Low-Dose Radiation: Short-Term Induction of Thymocyte Apoptosis and Long-Term Augmentation of T-Cell-Dependent Immune Responses. <i>Radiation Research</i> , 2000, 153, 332-338. | 0.7 | 37 |
| 655 | Effects of Protease Inhibitors and Antioxidants on In Vitro Survival of Porcine Primordial Germ Cells1. <i>Biology of Reproduction</i> , 2000, 63, 887-897. | 1.2 | 31 |
| 656 | Significant overexpression of metallothionein and cyclin D1 and apoptosis in the early process of rat urinary bladder carcinogenesis induced by treatment with N-butyl-N-(4-hydroxybutyl)nitrosamine or sodium L-ascorbate. <i>Carcinogenesis</i> , 2000, 21, 691-700. | 1.3 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 657 | Inhibition of TNF- α -Induced Neutrophil Apoptosis by Crystals of Calcium Pyrophosphate Dihydrate Is Mediated by the Extracellular Signal-Regulated Kinase and Phosphatidylinositol 3-Kinase/Akt Pathways Up-Stream of Caspase 3. <i>Journal of Immunology</i> , 2000, 165, 5798-5806. | 0.4 | 30 |
| 658 | Differential Requirement for p56lck in HIV-tat Versus TNF-Induced Cellular Responses: Effects on NF- κ B, Activator Protein-1, c-Jun N-Terminal Kinase, and Apoptosis. <i>Journal of Immunology</i> , 2000, 164, 5156-5166. | 0.4 | 46 |
| 659 | Apoptosis in atherosclerosis: beneficial or detrimental?. <i>Cardiovascular Research</i> , 2000, 45, 736-746. | 1.8 | 267 |
| 660 | Upregulation of Gelatinases A and B, Collagenases 1 and 2, and Increased Parenchymal Cell Death in COPD. <i>Chest</i> , 2000, 117, 684-694. | 0.4 | 451 |
| 661 | Cytoplasm Mediates Both Development and Oxidation-Induced Apoptotic Cell Death in Mouse Zygotes1. <i>Biology of Reproduction</i> , 2000, 62, 1828-1834. | 1.2 | 97 |
| 662 | Myocardial expression of CC- and CXC-chemokines and their receptors in human end-stage heart failure. <i>Cardiovascular Research</i> , 2000, 47, 778-787. | 1.8 | 194 |
| 663 | Apoptosis at the Interface of Immunosuppressive and Anticancer Activities: The Examples of Two Classes of Chemical Inducers, Oxysterols and Alkylating Agents. <i>Current Medicinal Chemistry</i> , 2000, 7, 693-713. | 1.2 | 25 |
| 664 | Genetic and Metabolic Control of the Mitochondrial Transmembrane Potential and Reactive Oxygen Intermediate Production in HIV Disease. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 551-573. | 2.5 | 75 |
| 665 | Secretion of Thioredoxin Enhances Cellular Resistance to cis-Diamminedichloroplatinum (II). <i>Antioxidants and Redox Signaling</i> , 2000, 2, 695-705. | 2.5 | 20 |
| 666 | Protein Tyrosine Kinase p56 Is Required for Ceramide-induced but Not Tumor Necrosis Factor-induced Activation of NF- κ B, AP-1, JNK, and Apoptosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 13297-13306. | 1.6 | 54 |
| 667 | Vesnarinone Suppresses TNF-Induced Activation of NF- κ B, c-Jun Kinase, and Apoptosis. <i>Journal of Immunology</i> , 2000, 164, 5815-5825. | 0.4 | 21 |
| 668 | Superoxide dismutase expression in the human corpus luteum during the menstrual cycle and in early pregnancy. <i>Molecular Human Reproduction</i> , 2000, 6, 19-25. | 1.3 | 104 |
| 669 | High Glucose-Induced Apoptosis in Human Endothelial Cells Is Mediated by Sequential Activations of c-Jun NH ₂ -Terminal Kinase and Caspase-3. <i>Circulation</i> , 2000, 101, 2618-2624. | 1.6 | 273 |
| 670 | An Early Oxygen-Dependent Step Is Required for Dexamethasone-Induced Apoptosis of Immature Mouse Thymocytes. <i>Journal of Immunology</i> , 2000, 165, 4822-4830. | 0.4 | 30 |
| 671 | Induction of Oxidative Stress by Glutathione Depletion Causes Severe Hypertension in Normal Rats. <i>Hypertension</i> , 2000, 36, 142-146. | 1.3 | 364 |
| 672 | Induction of Apoptosis in Placentas of Pregnant Mice Exposed to Lipopolysaccharides: Possible Involvement of Fas/Fas Ligand System1. <i>Biology of Reproduction</i> , 2000, 62, 178-185. | 1.2 | 52 |
| 673 | Activation-Induced Apoptosis in T Cells from Young and Old Fischer 344 Rats. <i>International Archives of Allergy and Immunology</i> , 2000, 122, 182-189. | 0.9 | 5 |
| 674 | Mn-SOD and Bcl-2 Expression After Repeated Hyperbaric Oxygenation. , 2000, 76, 285-290. | | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 675 | p38 Mitogen-activated Protein Kinase Mediates Bid Cleavage, Mitochondrial Dysfunction, and Caspase-3 Activation during Apoptosis Induced by Singlet Oxygen but Not by Hydrogen Peroxide. <i>Journal of Biological Chemistry</i> , 2000, 275, 25939-25948. | 1.6 | 249 |
| 676 | Involvement of Mitochondria in Oxidative Stress-Induced Cell Death in Mouse Zygotes I. <i>Biology of Reproduction</i> , 2000, 62, 1745-1753. | 1.2 | 201 |
| 677 | Inhibition of Cathepsin D Prevents Free-Radical-Induced Apoptosis in Rat Cardiomyocytes. <i>Archives of Biochemistry and Biophysics</i> , 2000, 373, 346-351. | 1.4 | 94 |
| 678 | Ebselen Induces Apoptosis in HepG2 Cells through Rapid Depletion of Intracellular Thiols. <i>Archives of Biochemistry and Biophysics</i> , 2000, 374, 142-152. | 1.4 | 98 |
| 679 | Do Conjugated Eicosapentaenoic Acid and Conjugated Docosahexaenoic Acid Induce Apoptosis via Lipid Peroxidation in Cultured Human Tumor Cells?. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 649-656. | 1.0 | 60 |
| 680 | Zinc-Deficient Rat Embryos Have Increased Caspase 3-like Activity and Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2000, 271, 250-256. | 1.0 | 60 |
| 681 | Naturally Occurring Anti-band 3 Antibody Binds to Apoptotic Human T-Lymphoid Cell Line Jurkat Through Sialylated Poly-N-acetyllactosaminyl Saccharide Chains on the Cell Surface. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 412-417. | 1.0 | 8 |
| 682 | Diphenyleiiodonium Prevents Reactive Oxygen Species Generation, Tyrosine Phosphorylation, and Histamine Release in RBL-2H3 Mast Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 742-748. | 1.0 | 53 |
| 683 | Clusterin Protects Granulosa Cells from Apoptotic Cell Death during Follicular Atresia. <i>Experimental Cell Research</i> , 2000, 257, 101-110. | 1.2 | 31 |
| 684 | Imbalance in Corneal Redox State during Herpes Simplex Virus 1-induced Keratitis in Rabbits. Effectiveness of Exogenous Glutathione Supply. <i>Experimental Eye Research</i> , 2000, 70, 215-220. | 1.2 | 62 |
| 685 | <i>Pseudomonas aeruginosa</i> induces apoptosis in human endothelial cells. <i>Microbial Pathogenesis</i> , 2000, 29, 345-356. | 1.3 | 41 |
| 686 | Apoptotic mechanisms in acute renal failure. <i>American Journal of Medicine</i> , 2000, 108, 403-415. | 0.6 | 179 |
| 687 | Up-regulation of the lysosomal system in experimental models of neuronal injury: implications for Alzheimer's disease. <i>Neuroscience</i> , 2000, 100, 663-675. | 1.1 | 106 |
| 688 | Effect of N-acetylcysteine and deferoxamine on endogenous antioxidant defense system gene expression in a rat hepatocyte model of cocaine cytotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2000, 1496, 183-195. | 1.9 | 44 |
| 689 | Effect of dietary vitamin E on apoptosis and proliferation of murine splenocytes. <i>Nutrition Research</i> , 2000, 20, 225-236. | 1.3 | 12 |
| 690 | Stress-induced mitogen-activated protein kinase signaling in the corpus luteum. <i>Molecular and Cellular Endocrinology</i> , 2000, 164, 59-67. | 1.6 | 21 |
| 691 | Enhanced hydroxychavicol-induced cytotoxic effects in glutathione-depleted HepG2 cells. <i>Cancer Letters</i> , 2000, 155, 29-35. | 3.2 | 25 |
| 692 | Age-related changes of apoptotic cell death in human lymphocytes. <i>Neurobiology of Aging</i> , 2000, 21, 661-670. | 1.5 | 66 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 693 | Keloids in rural black South Africans. Part 1: general overview and essential fatty acid hypotheses for keloid formation and prevention. Prostaglandins Leukotrienes and Essential Fatty Acids, 2000, 63, 237-245. | 1.0 | 40 |
| 694 | Protection of Porcine Oocytes Against Apoptotic Cell Death Caused by Oxidative Stress During In Vitro Maturation: Role of Cumulus Cells ¹ . Biology of Reproduction, 2000, 63, 805-810. | 1.2 | 295 |
| 695 | Effect of α -Tocopherol Deprivation on the Involution of Mammary Gland in Sheep. Journal of Dairy Science, 2000, 83, 345-350. | 1.4 | 14 |
| 696 | The pyrrolopyrimidine U101033E is a potent free radical scavenger and prevents Fe(II)-induced lipid peroxidation in synaptosomal membranes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1501, 149-161. | 1.8 | 11 |
| 697 | Enhanced apoptosis of squamous cell carcinoma cells by interleukin-2-activated cytotoxic lymphocytes combined with radiation and anticancer drugs. European Journal of Cancer, 2000, 36, 2007-2017. | 1.3 | 25 |
| 698 | Dietary vitamin-E modulates antioxidant defence system in giant freshwater prawn, <i>Macrobrachium rosenbergii</i> . Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 2000, 127, 101-115. | 0.5 | 39 |
| 699 | Induction of oxidative stress and TNF- α secretion by Dichloroacetonitrile, a water disinfectant by-product, as possible mediators of apoptosis or necrosis in a murine macrophage cell line (RAW). Toxicology in Vitro, 2000, 14, 199-210. | 1.1 | 26 |
| 700 | Protective effects of herbimycin A on hepatic reperfusion injury. Transplantation Proceedings, 2000, 32, 2303-2305. | 0.3 | 0 |
| 701 | Opposite role of changes in mitochondrial membrane potential in different apoptotic processes. FEBS Letters, 2000, 469, 186-190. | 1.3 | 41 |
| 702 | Protective roles for ATM in cellular response to oxidative stress. FEBS Letters, 2000, 472, 133-136. | 1.3 | 87 |
| 703 | Oxidative signaling pathway for externalization of plasma membrane phosphatidylserine during apoptosis. FEBS Letters, 2000, 477, 1-7. | 1.3 | 162 |
| 704 | Oxidative stress and apoptosis. Pathophysiology, 2000, 7, 153-163. | 1.0 | 984 |
| 706 | Oxidative stress, antioxidants and cancer. , 2000, , 927-949. | | 2 |
| 707 | Photodynamic Therapy in Immune (Non-Oncological) Disorders. BioDrugs, 2000, 14, 127-135. | 2.2 | 16 |
| 708 | Induction of Apoptosis by the Oolong Tea Polyphenol Theasinensin A through Cytochrome c Release and Activation of Caspase-9 and Caspase-3 in Human U937 Cells. Journal of Agricultural and Food Chemistry, 2000, 48, 6337-6346. | 2.4 | 103 |
| 709 | Effect of Ascorbic Acid and Its Hydrophobic Derivative Palmitoyl Ascorbate on the Redox State of Primary Human Fibroblasts. Journal of Medicinal Food, 2001, 4, 107-115. | 0.8 | 6 |
| 710 | Lead exposure activates nuclear factor kappa B, activator protein-1, c-Jun N-terminal kinase and caspases in the rat brain. Toxicology Letters, 2001, 123, 195-207. | 0.4 | 48 |
| 711 | Antioxidant vitamins attenuate oxidative stress and cardiac dysfunction in tachycardia-induced cardiomyopathy. Journal of the American College of Cardiology, 2001, 38, 1734-1740. | 1.2 | 88 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 712 | Reactive Oxygen Species as Mediators in Asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2001, 14, 409-421. | 1.1 | 260 |
| 713 | Femtosecond Near-Infrared Laser Pulses Elicit Generation of Reactive Oxygen Species in Mammalian Cells Leading to Apoptosis-like Death. <i>Experimental Cell Research</i> , 2001, 263, 88-97. | 1.2 | 197 |
| 714 | Inhibition of Nitric-Oxide-Mediated Apoptosis in Jurkat Leukemia Cells despite Cytochrome c Release. <i>Experimental Cell Research</i> , 2001, 265, 274-282. | 1.2 | 15 |
| 715 | <i>Chlamydia trachomatis</i> -induced apoptosis occurs in uninfected McCoy cells late in the developmental cycle and is regulated by the intracellular redox state. <i>Microbial Pathogenesis</i> , 2001, 31, 173-184. | 1.3 | 31 |
| 716 | Differential Involvement of Caspases in Hydroquinone-Induced Apoptosis in Human Leukemic HL-60 and Jurkat Cells. <i>Toxicology and Applied Pharmacology</i> , 2001, 175, 95-103. | 1.3 | 31 |
| 717 | FORCED EXPRESSION OF BCL-2 AND BCL-xLBY NOVEL WATER-SOLUBLE FULLERENE, C60(GLUCOSAMINE)6, REDUCES RENAL ISCHEMIA/REPERFUSION-INDUCED OXIDATIVE STRESS. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 2001, 9, 77-88. | 0.6 | 6 |
| 718 | Protective action of arachidonic acid against alloxan-induced cytotoxicity and diabetes mellitus. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2001, 64, 37-52. | 1.0 | 102 |
| 719 | An in vitro model for the study of microglia-induced neurodegeneration: involvement of nitric oxide and tumor necrosis factor- α . <i>Neurochemistry International</i> , 2001, 38, 557-565. | 1.9 | 68 |
| 720 | Nutrition and endothelial cell function: implications in atherosclerosis. <i>Nutrition Research</i> , 2001, 21, 279-293. | 1.3 | 18 |
| 721 | Influence of cytokines tumor necrosis factor- α and interferon- β on signaling cascades associated with apoptosis in rat PC12 cells. <i>Neuroscience Letters</i> , 2001, 316, 157-160. | 1.0 | 4 |
| 722 | Cadmium induces apoptosis and genotoxicity in rainbow trout hepatocytes through generation of reactive oxygen species. <i>Aquatic Toxicology</i> , 2001, 53, 65-76. | 1.9 | 150 |
| 723 | The further development of rainbow trout primary epithelial cell cultures as a diagnostic tool in ecotoxicology risk assessment. <i>Aquatic Toxicology</i> , 2001, 53, 279-289. | 1.9 | 28 |
| 724 | Distinct patterns of insulin-like growth factor binding protein (IGFBP)-2 and IGFBP-3 expression in oxidant exposed lung epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001, 1538, 47-58. | 1.9 | 39 |
| 725 | Induction of Apoptosis by 7,8-Dihydroneopterin: Involvement of Radical Formation. <i>Immunobiology</i> , 2001, 203, 629-641. | 0.8 | 17 |
| 726 | Spontaneous nitric oxide in hepatocyte monolayers and inhibition of compound-induced apoptosis. <i>Toxicology in Vitro</i> , 2001, 15, 623-630. | 1.1 | 7 |
| 727 | Macrophage interactions with modified material surfaces. <i>Current Opinion in Solid State and Materials Science</i> , 2001, 5, 163-176. | 5.6 | 110 |
| 728 | The role of phagocytes in HIV-related oxidative stress. <i>Journal of Clinical Virology</i> , 2001, 20, 99-109. | 1.6 | 67 |
| 729 | Juniper oil inhibits the heat shock-induced apoptosis via preventing the caspase-3 activation in human astrocytes CCF-STTG1 cells. <i>Clinica Chimica Acta</i> , 2001, 314, 215-220. | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 730 | Homocysteine thiolactone induces apoptotic DNA damage mediated by increased intracellular hydrogen peroxide and caspase 3 activation in HL-60 cells. <i>Life Sciences</i> , 2001, 68, 2799-2811. | 2.0 | 115 |
| 731 | N-Nitrosodimethylamine-Mediated Formation of Oxidized and Methylated DNA Bases in a Cytochrome P450 2E1 Expressing Cell Line. <i>Chemical Research in Toxicology</i> , 2001, 14, 562-566. | 1.7 | 49 |
| 732 | CHARACTERISTICS OF NITRIC OXIDE-INDUCED APOPTOSIS AND ITS TARGET CELLS IN MITOGEN-STIMULATED PERIPHERAL BLOOD MONONUCLEAR CELLS FROM HIV+ SUBJECTS. <i>Immunological Investigations</i> , 2001, 30, 267-287. | 1.0 | 4 |
| 733 | Mitochondrial Perturbations and Oxidant Stress in Lymphocytes From Patients Undergoing Surgery and General Anesthesia. <i>Archives of Surgery</i> , 2001, 136, 1190. | 2.3 | 34 |
| 734 | Reactive oxygen species and caspase activation mediate silica-induced apoptosis in alveolar macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 280, L10-L17. | 1.3 | 49 |
| 735 | Inhibitory effects of voluntary wheel exercise on apoptosis in splenic lymphocyte subsets of C57BL/6 mice. <i>Journal of Applied Physiology</i> , 2001, 91, 2546-2552. | 1.2 | 53 |
| 736 | Motor Neuron Disease. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2001, 12, 335-352. | 0.7 | 11 |
| 737 | Dietary fatty acid modulation of mucosally-induced tolerogenic immune responses. <i>Proceedings of the Nutrition Society</i> , 2001, 60, 449-456. | 0.4 | 25 |
| 738 | Preferential Conditions for and Possible Mechanisms of Induction of Ischemic Tolerance by Repeated Hyperbaric Oxygenation in Gerbil Hippocampus. <i>Neurosurgery</i> , 2001, 49, 160-167. | 0.6 | 7 |
| 739 | Preferential Conditions for and Possible Mechanisms of Induction of Ischemic Tolerance by Repeated Hyperbaric Oxygenation in Gerbil Hippocampus. <i>Neurosurgery</i> , 2001, 49, 160-167. | 0.6 | 94 |
| 740 | Geranylgeranylacetone Protects Guinea Pig Gastric Mucosal Cells from Gastric Stressor-Induced Necrosis by Induction of Heat-Shock Proteins.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 887-891. | 0.6 | 27 |
| 741 | Hydrogen peroxide-induced production of a 40kDa immunoreactive thyroglobulin fragment in human thyroid cells: the onset of thyroid autoimmunity?. <i>Biochemical Journal</i> , 2001, 360, 557-562. | 1.7 | 36 |
| 742 | Human tear lipocalin acts as an oxidative-stress-induced scavenger of potentially harmful lipid peroxidation products in a cell culture system. <i>Biochemical Journal</i> , 2001, 356, 129. | 1.7 | 52 |
| 743 | Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes. <i>Biochemical Journal</i> , 2001, 359, 687. | 1.7 | 16 |
| 744 | Hydrogen peroxide-induced production of a 40kDa immunoreactive thyroglobulin fragment in human thyroid cells: the onset of thyroid autoimmunity?. <i>Biochemical Journal</i> , 2001, 360, 557. | 1.7 | 33 |
| 745 | Human tear lipocalin acts as an oxidative-stress-induced scavenger of potentially harmful lipid peroxidation products in a cell culture system. <i>Biochemical Journal</i> , 2001, 356, 129-135. | 1.7 | 79 |
| 746 | Induction of mitochondrial changes in myeloma cells by imexon. <i>Blood</i> , 2001, 97, 3544-3551. | 0.6 | 78 |
| 747 | Structural Changes of Mitochondria Related to Apoptosis. <i>NeuroSignals</i> , 2001, 10, 26-56. | 0.5 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 748 | Induction of stress response renders human tumor cell lines resistant to curcumin-mediated apoptosis: role of reactive oxygen intermediates. <i>Cell Stress and Chaperones</i> , 2001, 6, 368. | 1.2 | 74 |
| 749 | Chapter 21 Analysis of mitochondria during cell death. <i>Methods in Cell Biology</i> , 2001, 63, 467-486. | 0.5 | 27 |
| 750 | Anticonvulsants for preventing mortality and morbidity in full term newborns with perinatal asphyxia. , 2001, , CD001240. | | 25 |
| 751 | Thapsigargin-Induced Calcium Entry and Apoptotic Death of Neutrophils Are Blocked by Activation of Protein Kinase C. <i>Pharmacology</i> , 2001, 63, 191-196. | 0.9 | 13 |
| 752 | Free radical changes in rat muscle tissue after exercise. <i>Rheumatology International</i> , 2001, 20, 109-112. | 1.5 | 9 |
| 753 | Oxidant injury in coronary heart disease [Part-1]. <i>Comprehensive Therapy</i> , 2001, 27, 284-292. | 0.2 | 17 |
| 754 | Age-related increase of oxidative stress-induced apoptosis in micePrevention by Ginkgo biloba extract (EGb761). <i>Journal of Neural Transmission</i> , 2001, 108, 969-978. | 1.4 | 81 |
| 755 | 4-Hydroxynonenal induces apoptosis, NF- κ B-activation and formation of 8-isoprostane in vascular smooth muscle cells. <i>Basic Research in Cardiology</i> , 2001, 96, 143-150. | 2.5 | 80 |
| 756 | Thymidine-dependent attenuation of the mitochondrial apoptotic pathway in adenosine-induced apoptosis of HL-60 cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2001, 127, 570-576. | 1.2 | 10 |
| 757 | Cadmium adaptation in the lung “ a double-edged sword?. <i>Toxicology</i> , 2001, 160, 65-70. | 2.0 | 69 |
| 758 | Streptococcal erythrogenic toxin B induces apoptosis and proliferation in human leukocytes. <i>Kidney International</i> , 2001, 59, 950-958. | 2.6 | 21 |
| 759 | Bcl-XL translocation in renal tubular epithelial cells in vitro protects distal cells from oxidative stress. <i>Kidney International</i> , 2001, 59, 1779-1788. | 2.6 | 65 |
| 760 | Role Of Protein Kinase C, KATP Channels And Dna Fragmentation In The Infarct Size-Reducing Effects Of The Free Radical Scavenger T-0970. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 193-199. | 0.9 | 13 |
| 761 | Muscle cells become necrotic rather than apoptotic during reperfusion of ischaemic skeletal muscle. <i>International Journal of Experimental Pathology</i> , 2001, 80, 169-175. | 0.6 | 22 |
| 762 | Photosensitized oxidation of membrane lipids: reaction pathways, cytotoxic effects, and cytoprotective mechanisms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 63, 103-113. | 1.7 | 502 |
| 763 | Programmed cell death in human acute cutaneous wounds. <i>Journal of Cutaneous Pathology</i> , 2001, 28, 151-155. | 0.7 | 15 |
| 764 | Pycnogenol [®] efficacy in the treatment of systemic lupus erythematosus patients. <i>Phytotherapy Research</i> , 2001, 15, 698-704. | 2.8 | 13 |
| 765 | Oxides and apoptosis in inflammatory myopathies. <i>Microscopy Research and Technique</i> , 2001, 55, 249-258. | 1.2 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 766 | Evidence that increased 12-lipoxygenase activity induces apoptosis in fibroblasts. <i>Journal of Cellular Physiology</i> , 2001, 186, 357-365. | 2.0 | 25 |
| 767 | INVOLVEMENT OF PI 3-KINASE, PKA AND PKC IN PDGF- AND TGF- β 2-MEDIATED PREVENTION OF 2-DEOXY-D-RIBOSE-INDUCED APOPTOSIS IN THE INSECT CELL LINE, IPLB-LdFB. <i>Cell Biology International</i> , 2001, 25, 171-177. | 1.4 | 17 |
| 768 | MECHANISMS OF THE INDUCTION OF APOPTOSIS IN HUMAN HEPATOMA CELLS BY TUMOUR NECROSIS FACTOR- α . <i>Cell Biology International</i> , 2001, 25, 1213-1219. | 1.4 | 11 |
| 769 | Hepatocyte growth factor induction of collagenase 3 production in human osteoarthritic cartilage: Involvement of the stress-activated protein kinase/c-Jun N-terminal kinase pathway and a sensitive p38 mitogen-activated protein kinase inhibitor cascade. <i>Arthritis and Rheumatism</i> , 2001, 44, 73-84. | 6.7 | 46 |
| 770 | Protein Phosphatase 2A Modulates the Proliferation of Human Multiple Myeloma Cells via Regulation of the Production of Reactive Oxygen Intermediates and Anti-Apoptotic Factors. <i>Cellular Immunology</i> , 2001, 213, 34-44. | 1.4 | 20 |
| 771 | The Involvement of a Stress-Activated Pathway in Equine Influenza Virus-Mediated Apoptosis. <i>Virology</i> , 2001, 287, 202-213. | 1.1 | 51 |
| 772 | Lysophosphatidylcholine activates transcription factor NF-kappaB and AP-1 in AR42J cells. <i>Digestive Diseases and Sciences</i> , 2001, 46, 1871-1881. | 1.1 | 25 |
| 773 | Mechanism of fenretinide (4-HPR)-induced cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2001, 6, 377-388. | 2.2 | 106 |
| 774 | Cell death in the rat thymus: a minireview. , 2001, 6, 389-401. | | 49 |
| 775 | Energetic stress in combination with tumor necrosis factor- α (TNF- α) induces apoptosis of human fibroblasts (WI-38) in vitro: reduced responsiveness of senescent cells. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2001, 34, 437-440. | 0.8 | 3 |
| 776 | Reciprocal down-regulation of p53 and SOD2 gene expressionâ€”implication in p53 mediated apoptosis. <i>Oncogene</i> , 2001, 20, 430-439. | 2.6 | 167 |
| 777 | p53 regulates ceramide formation by neutral sphingomyelinase through reactive oxygen species in human glioma cells. <i>Oncogene</i> , 2001, 20, 1368-1378. | 2.6 | 93 |
| 778 | Involvement of oxygen radicals in cytarabine-induced apoptosis in human polymorphonuclear cells11Abbreviations: ROS, reactive oxygen species; PMNs, polymorphonuclear neutrophils; SOD, superoxide dismutase; Ara-C, cytarabine; Ara-CTP, cytarabine 5â€²-triphosphate; O2 \cdot^- , superoxide anion; H2O2, hydrogen peroxide; f-MLP, N-Formyl-Met-Leu-Phe; PMA, phorbol 12-myristate 13-acetate; cyt c, cytochrome c; H7, 1-(5-isoquinolinylsulfonyl)-2-methylpiperazine; MTT, | | |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 784 | Immune complex stimulation of neutrophil apoptosis: investigating the involvement of oxidative and nonoxidative pathways. <i>Free Radical Biology and Medicine</i> , 2001, 30, 161-169. | 1.3 | 36 |
| 785 | 6-formylpterin, a xanthine oxidase inhibitor, intracellularly generates reactive oxygen species involved in apoptosis and cell proliferation. <i>Free Radical Biology and Medicine</i> , 2001, 30, 248-259. | 1.3 | 27 |
| 786 | Involvement of caspases in 4-hydroxy-alkenal-induced apoptosis in human leukemic cells. <i>Free Radical Biology and Medicine</i> , 2001, 30, 699-706. | 1.3 | 46 |
| 787 | Redox environment of the cell as viewed through the redox state of the glutathione disulfide/glutathione couple. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1191-1212. | 1.3 | 3,895 |
| 788 | Effect of overexpression of human Cu/Zn-SOD on activation-induced lymphocyte proliferation and apoptosis. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1319-1327. | 1.3 | 12 |
| 789 | Increased susceptibility of copper-deficient neuroblastoma cells to oxidative stress-mediated apoptosis. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1177-1187. | 1.3 | 26 |
| 790 | Diclofenac induced in vivo nephrotoxicity may involve oxidative stress-mediated massive genomic DNA fragmentation and apoptotic cell death. <i>Free Radical Biology and Medicine</i> , 2001, 31, 139-152. | 1.3 | 179 |
| 791 | Oxidative damage to mitochondria is a preliminary step to caspase-3 activation in fluoride-induced apoptosis in HL-60 cells. <i>Free Radical Biology and Medicine</i> , 2001, 31, 367-373. | 1.3 | 199 |
| 792 | Grape seed proanthocyanidin reduces cardiomyocyte apoptosis by inhibiting ischemia/reperfusion-induced activation of JNK-1 and C-JUN. <i>Free Radical Biology and Medicine</i> , 2001, 31, 729-737. | 1.3 | 173 |
| 793 | Effect of glutathione depletion on caspase-3 independent apoptosis pathway induced by curcumin in Jurkat cells. <i>Free Radical Biology and Medicine</i> , 2001, 31, 670-678. | 1.3 | 71 |
| 794 | Ceramide in apoptosis signaling: relationship with oxidative stress. <i>Free Radical Biology and Medicine</i> , 2001, 31, 717-728. | 1.3 | 248 |
| 795 | Apoptotic Cell Death Makes a Minor Contribution to Reperfusion Injury in Skeletal Muscle in the Rat. <i>European Journal of Vascular and Endovascular Surgery</i> , 2001, 21, 28-34. | 0.8 | 23 |
| 796 | Fas (CD95)-Fas Ligand Interactions Are Responsible for Monocyte Apoptosis Occurring as a Result of Phagocytosis and Killing of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2001, 69, 1287-1297. | 1.0 | 51 |
| 797 | Promotion of Neutrophil Apoptosis by TNF- α . <i>Journal of Immunology</i> , 2001, 166, 3476-3483. | 0.4 | 105 |
| 798 | Physical training reduces peripheral markers of inflammation in patients with chronic heart failure. <i>European Heart Journal</i> , 2001, 22, 791-797. | 1.0 | 275 |
| 799 | Effect of Glutathione Depletion on Antitumor Drug Toxicity (Apoptosis and Necrosis) in U-937 Human Promonocytic Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 47107-47115. | 1.6 | 135 |
| 800 | The Vaccinia Virus Superoxide Dismutase-Like Protein (A45R) Is a Virion Component That Is Nonessential for Virus Replication. <i>Journal of Virology</i> , 2001, 75, 7018-7029. | 1.5 | 52 |
| 801 | Photodynamic Therapy With Motexafin Lutetium Induces Redox-Sensitive Apoptosis of Vascular Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 759-764. | 1.1 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 802 | Ovulation-Induced DNA Damage in Ovarian Surface Epithelial Cells of Ewes: Prospective Regulatory Mechanisms of Repair/Survival and Apoptosis1. <i>Biology of Reproduction</i> , 2001, 65, 1417-1424. | 1.2 | 68 |
| 803 | Intracellular superoxide and hydrogen peroxide concentrations: a critical balance that determines survival or death. <i>Redox Report</i> , 2001, 6, 211-214. | 1.4 | 102 |
| 804 | BCL-2 is involved in preventing oxidant-induced cell death and in decreasing oxygen radical production. <i>Redox Report</i> , 2001, 6, 351-362. | 1.4 | 54 |
| 805 | Reduced glutathione system: Role in cancer development, prevention and treatment (Review). <i>International Journal of Oncology</i> , 2001, 19, 221-36. | 1.4 | 34 |
| 806 | Carvedilol in the treatment of chronic heart failure. <i>Expert Opinion on Pharmacotherapy</i> , 2001, 2, 831-843. | 0.9 | 7 |
| 807 | Apoptosis and adaptive responses to oxidative stress in human endothelial cells exposed to cyclosporin A correlate with BCL-2 expression levels. <i>FASEB Journal</i> , 2001, 15, 731-740. | 0.2 | 56 |
| 808 | Mechanism of Vitamin C Inhibition of Cell Death Induced by Oxidative Stress in Glutathione-depleted HL-60 Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 40955-40961. | 1.6 | 121 |
| 809 | Abrin Triggers Cell Death by Inactivating a Thiol-specific Antioxidant Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 21870-21877. | 1.6 | 84 |
| 810 | Vibrio vulnificus Cytolysin Induces Superoxide Anion-initiated Apoptotic Signaling Pathway in Human ECV304 Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 47518-47523. | 1.6 | 64 |
| 811 | Involvement of Mitochondrial Phospholipid Hydroperoxide Glutathione Peroxidase as an Antiapoptotic Factor. <i>NeuroSignals</i> , 2001, 10, 81-92. | 0.5 | 35 |
| 812 | NEUTROPHIL OXIDATIVE METABOLISM IN AGED HUMANS: A PERSPECTIVE. <i>Immunopharmacology and Immunotoxicology</i> , 2001, 23, 565-572. | 1.1 | 11 |
| 813 | Base excision repair of mitochondrial DNA damage in mammalian cells. <i>Progress in Molecular Biology and Translational Science</i> , 2001, 68, 273-284. | 1.9 | 60 |
| 814 | VDAC-dependent permeabilization of the outer mitochondrial membrane by superoxide induces rapid and massive cytochrome c release. <i>Journal of Cell Biology</i> , 2001, 155, 1003-1016. | 2.3 | 462 |
| 815 | Role of apoptosis in pancreatic beta-cell death in diabetes. <i>Diabetes</i> , 2001, 50, S44-S47. | 0.3 | 97 |
| 816 | Lipid photooxidative damage in biological membranes: reaction mechanisms, cytotoxic consequences, and defense strategies. <i>Comprehensive Series in Photosciences</i> , 2001, 3, 231-250. | 0.3 | 3 |
| 817 | Modulation of Chemokine Production in Lung Microvascular Endothelial Cells by Dopamine Is Mediated via an Oxidative Mechanism. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 636-643. | 1.4 | 25 |
| 818 | Free Radicals and Brain Damage in the Newborn. <i>Neonatology</i> , 2001, 79, 180-186. | 0.9 | 182 |
| 819 | Apoptosis in Adriamycin Cardiomyopathy and Its Modulation by Probucol. <i>Antioxidants and Redox Signaling</i> , 2001, 3, 135-145. | 2.5 | 141 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 820 | Differential Regulation of Hydrogen Peroxide and Fas-Dependent Apoptosis Pathways by Dehydroascorbate, the Oxidized Form of Vitamin C. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 357-369. | 2.5 | 15 |
| 821 | Elevated Oxidative Stress in Patients with Ataxia Telangiectasia. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 465-469. | 2.5 | 152 |
| 823 | Inhibition of Lipopolysaccharide-Induced Apoptosis by Cilostazol in Human Umbilical Vein Endothelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 709-715. | 1.3 | 148 |
| 824 | [13] Hydrogen peroxide-induced apoptosis: Oxidative or reductive stress?. <i>Methods in Enzymology</i> , 2002, 352, 150-159. | 0.4 | 44 |
| 825 | CELLULARMECHANISMS FOR THEREPRESSION OFAPOPTOSIS. <i>Annual Review of Pharmacology and Toxicology</i> , 2002, 42, 259-281. | 4.2 | 110 |
| 827 | Cytotoxicity in ciprofloxacin-treated human fibroblast cells and protection by vitamin E. <i>Human and Experimental Toxicology</i> , 2002, 21, 635-641. | 1.1 | 55 |
| 828 | Role of Glutaredoxin in Metabolic Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2002, 277, 46566-46575. | 1.6 | 240 |
| 829 | Mammary apoptosis and lactation persistency in dairy animals. <i>Journal of Dairy Research</i> , 2002, 69, 37-52. | 0.7 | 111 |
| 830 | Plant stress hormones suppress the proliferation and induce apoptosis in human cancer cells. <i>Leukemia</i> , 2002, 16, 608-616. | 3.3 | 162 |
| 831 | Distinct Modes of Cell Death Induced by Different Reactive Oxygen Species. <i>Journal of Biological Chemistry</i> , 2002, 277, 20518-20526. | 1.6 | 65 |
| 832 | Neuroprotection in HIV-Positive Drug Users: Implications for Antioxidant Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2002, 31, S84-S88. | 0.9 | 18 |
| 833 | In vitro maturation and glutathione synthesis of porcine oocytes in the presence or absence of cysteamine under different oxygen tensions: role of cumulus cells. <i>Reproduction, Fertility and Development</i> , 2002, 14, 125. | 0.1 | 34 |
| 834 | Skeletal Muscle Apoptosis and Weight Loss in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 485-489. | 2.5 | 302 |
| 835 | Sensitive Markers Used to Identify Compounds That Trigger Apoptosis in Cultured Hepatocytes. <i>Toxicological Sciences</i> , 2002, 65, 299-308. | 1.4 | 82 |
| 836 | APOPTOSIS OF WOUND FIBROBLASTS INDUCED BY OXIDATIVE STRESS. <i>Experimental Lung Research</i> , 2002, 28, 275-284. | 0.5 | 28 |
| 837 | Hyperthermic pre-treatment protects rat IPC-81 leukaemia cells against heat- and hydrogen peroxide-induced apoptosis. <i>International Journal of Hyperthermia</i> , 2002, 18, 344-360. | 1.1 | 7 |
| 838 | Influence of opioid peptides on human neutrophil apoptosis and activation in vitro. <i>Mediators of Inflammation</i> , 2002, 11, 245-250. | 1.4 | 15 |
| 839 | I-PLA2 Activation during Apoptosis Promotes the Exposure of Membrane Lysophosphatidylcholine Leading to Binding by Natural Immunoglobulin M Antibodies and Complement Activation. <i>Journal of Experimental Medicine</i> , 2002, 196, 655-665. | 4.2 | 266 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 840 | The anti-oxidant and anti-apoptotic activities of selenium in the prevention of myringosclerosis in rats. <i>Journal of Laryngology and Otology</i> , 2002, 116, 426-429. | 0.4 | 30 |
| 841 | Glutathione Peroxidase-1 Protects from CD95-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 42867-42874. | 1.6 | 77 |
| 842 | Modulation of Endometrial Redox Balance during the Menstrual Cycle: Relation with Sex Hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2843-2848. | 1.8 | 50 |
| 843 | Xanthine oxidase inhibitors suppress testicular germ cell apoptosis induced by experimental cryptorchidism. <i>Molecular Human Reproduction</i> , 2002, 8, 118-123. | 1.3 | 49 |
| 844 | Prevention of Lipopolysaccharide-Induced Apoptosis by (2S,3S,4R)-N"-Cyano-N-(6-amino-3,4-dihydro-3-hydroxy-2-methyl-2-dimethoxymethyl-2H-benzopyran-4-yl)-N ^ε -benzylguanidine, a Benzopyran Analog, in Endothelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 535-542. | 1.3 | 21 |
| 845 | Apoptosis and oxidative stress of infiltrated neutrophils obtained from mammary glands of goats during various stages of lactation. <i>American Journal of Veterinary Research</i> , 2002, 63, 241-246. | 0.3 | 12 |
| 846 | Taurine Prevents Apoptosis Induced by High Ambient Glucose in Human Tubule Renal Cells. <i>Journal of Investigative Medicine</i> , 2002, 50, 443-451. | 0.7 | 87 |
| 847 | Direct Reaction between Shikonin and Thiols Induces Apoptosis in HL60 Cells.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 827-832. | 0.6 | 44 |
| 848 | Small-Dose Propofol Sedation Attenuates the Formation of Reactive Oxygen Species in Tourniquet-Induced Ischemia-Reperfusion Injury Under Spinal Anesthesia. <i>Anesthesia and Analgesia</i> , 2002, 94, 1617-1620. | 1.1 | 61 |
| 849 | Modulation of chemokine production and expression of adhesion molecules in renal tubular epithelial and endothelial cells by catecholamines. <i>Transplantation</i> , 2002, 74, 253-260. | 0.5 | 42 |
| 850 | Small-Dose Propofol Sedation Attenuates the Formation of Reactive Oxygen Species in Tourniquet-Induced Ischemia-Reperfusion Injury Under Spinal Anesthesia. <i>Anesthesia and Analgesia</i> , 2002, 94, 1617-1620. | 1.1 | 66 |
| 851 | Expression of the Oxidative Stress-Regulated Transcription Factor Bach2 in Differentiating Neuronal Cells. <i>Journal of Biochemistry</i> , 2002, 132, 427-431. | 0.9 | 25 |
| 852 | Microbiological, Biological, and Chemical Weapons of Warfare and Terrorism. <i>American Journal of the Medical Sciences</i> , 2002, 323, 326-340. | 0.4 | 230 |
| 853 | Effect of Different Dietary Protein Composition on Skeletal Muscle Atrophy by Suspension Hypokinesia/Hypodynamia in Rats.. <i>Journal of Nutritional Science and Vitaminology</i> , 2002, 48, 115-119. | 0.2 | 20 |
| 854 | O-aminophenol-type tryptophan metabolites: 3-hydroxykynurenine, 3-hydroxyanthranilic acid, and theirrole in living organisms. <i>Studies in Natural Products Chemistry</i> , 2002, 26, 965-1028. | 0.8 | 0 |
| 855 | Zinc as a Cellular Regulator of Apoptosis. , 2002, , 969-975. | | 0 |
| 856 | [14] Peroxidation of phosphatidylserine in mechanisms of apoptotic signaling. <i>Methods in Enzymology</i> , 2002, 352, 159-174. | 0.4 | 10 |
| 857 | Taurine Prevents Apoptosis Induced by High Ambient Glucose in Human Tubule Renal Cells. <i>Journal of Investigative Medicine</i> , 2002, 50, 443-451. | 0.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 858 | Redox Events in HTLV-1 Tax-Induced Apoptotic T-Cell Death. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 471-477. | 2.5 | 19 |
| 859 | Glutamine Protects Activated Human T Cells from Apoptosis by Up-Regulating Glutathione and Bcl-2 Levels. <i>Clinical Immunology</i> , 2002, 104, 151-160. | 1.4 | 133 |
| 860 | Oxidative stress and peritoneal endometriosis. <i>Fertility and Sterility</i> , 2002, 77, 861-870. | 0.5 | 292 |
| 861 | Correction of long-term diet-induced hypertension and nitrotyrosine accumulation by diet modification. <i>Atherosclerosis</i> , 2002, 163, 321-327. | 0.4 | 26 |
| 862 | THE ROLE OF POLY(ADP-RIBOSE) SYNTHETASE INHIBITION IN PREVENTING ENDOTOXEMIA-INDUCED INTESTINAL EPITHELIAL APOPTOSIS. <i>Pharmacological Research</i> , 2002, 46, 119-127. | 3.1 | 23 |
| 863 | Growth Inhibition and Induction of Apoptosis in MCF-7 Breast Cancer Cells by Fermented Soy Milk. <i>Nutrition and Cancer</i> , 2002, 43, 214-226. | 0.9 | 38 |
| 864 | Metabolic Switches of T-Cell Activation and Apoptosis. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 427-443. | 2.5 | 67 |
| 865 | Redox Regulation of Neutrophil Apoptosis. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 97-104. | 2.5 | 36 |
| 866 | Anti-Cancer Drugs of Today and Tomorrow: Are we Close to Making the Turn from Treating to Curing Cancer?. <i>Current Pharmaceutical Design</i> , 2002, 8, 1723-1734. | 0.9 | 18 |
| 867 | Arginine antimetabolite l-canavanine induces apoptotic cell death in human Jurkat T cells via caspase-3 activation regulated by Bcl-2 or Bcl-xL. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 283-288. | 1.0 | 29 |
| 868 | The involvement of reactive oxygen species (ROS) and p38 mitogen-activated protein (MAP) kinase in TRAIL/Apo2L-induced apoptosis. <i>FEBS Letters</i> , 2002, 512, 313-318. | 1.3 | 89 |
| 869 | Phosphatidylserine peroxidation/externalization during staurosporine-induced apoptosis in HL-60 cells. <i>FEBS Letters</i> , 2002, 524, 25-30. | 1.3 | 57 |
| 870 | Prevention of apoptosis by deferoxamine during 4 hours of cold cardioplegia and reperfusion: in vitro study of isolated working rat heart model. <i>Pathophysiology</i> , 2002, 9, 27-32. | 1.0 | 26 |
| 871 | Oxygen-sensing mechanisms and the regulation of redox-responsive transcription factors in development and pathophysiology. <i>Respiratory Research</i> , 2002, 3, 26. | 1.4 | 80 |
| 872 | Signaling and proapoptotic functions of transformed cell-derived reactive oxygen species. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2002, 66, 41-56. | 1.0 | 41 |
| 873 | Nitric oxide and apoptosis during human head and neck squamous cell carcinoma development. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2002, 23, 4-11. | 0.6 | 15 |
| 874 | p53 dependent apoptosis in glioma cell lines in response to hydrogen peroxide induced oxidative stress. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 148-157. | 1.2 | 96 |
| 875 | Vitamin E deficiency sensitizes alveolar type II cells for apoptosis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1583, 91-98. | 1.2 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 876 | Mechanisms underlying the cytotoxic effects of Tachypyrâ€”a novel metal chelator. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1571, 211-218. | 1.1 | 20 |
| 877 | Thioredoxin-mediated redox control of human T cell lymphotropic virus type I (HTLV-I) gene expression. <i>Molecular Immunology</i> , 2002, 38, 723-732. | 1.0 | 9 |
| 878 | Protective effect of Fructus Lycii polysaccharides against time and hyperthermia-induced damage in cultured seminiferous epithelium. <i>Journal of Ethnopharmacology</i> , 2002, 82, 169-175. | 2.0 | 85 |
| 879 | Mitochondria, oxygen metabolism and the regulation of cell death. <i>International Congress Series</i> , 2002, 1233, 259-272. | 0.2 | 9 |
| 880 | Serum and liver micronutrient antioxidants and serum oxidative stress in patients with chronic hepatitis C. <i>American Journal of Gastroenterology</i> , 2002, 97, 2634-2639. | 0.2 | 122 |
| 881 | Hematin is one of the cytotoxic factors in pancreatitis-associated ascitic fluid that causes hepatocellular injury. <i>Surgery</i> , 2002, 131, 66-74. | 1.0 | 18 |
| 882 | Role of Neutrophil NADPH Oxidase in the Mechanism of Tumor Necrosis Factor-Î±-induced NF-Î±B Activation and Intercellular Adhesion Molecule-1 Expression in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 3404-3411. | 1.6 | 117 |
| 883 | Mitochondria as a Pharmacological Target. <i>Pharmacological Reviews</i> , 2002, 54, 101-127. | 7.1 | 461 |
| 884 | RÃ©gulation de lâ€™explosion oxydative des polynuclÃ©aires neutrophiles humains par les cytokines pro- et anti-inflammatoires. <i>SociÃ©tÃ© De Biologie Journal</i> , 2002, 196, 37-46. | 0.3 | 28 |
| 885 | [D-Arg, ⁶ , D-Trp ^{7,9} , NmePhe ⁸]-Substance P (6-11) Activates JNK and Induces Apoptosis in Small Cell Lung Cancer Cells via an Oxidant-Dependent Mechanism. , 2003, 74, 299-308. | | 6 |
| 886 | Oxidative Stress and Apoptosis in Immune Diseases. <i>International Journal of Immunopathology and Pharmacology</i> , 2002, 15, 157-164. | 1.0 | 44 |
| 887 | Effects of Melatonin, Vitamin E and Octreotide on Lipid Peroxidation during Ischemia-Reperfusion in the Guinea Pig Retina. <i>European Journal of Ophthalmology</i> , 2002, 12, 77-83. | 0.7 | 38 |
| 888 | N-Acetylcysteine, Vitamin C and Vitamin E Diminish Homocysteine Thiolactone-Induced Apoptosis in Human Promyeloid HL-60 Cells. <i>Journal of Nutrition</i> , 2002, 132, 2151-2156. | 1.3 | 37 |
| 889 | Rapid upregulation of endothelial P-selectin expression via reactive oxygen species generation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H2054-H2061. | 1.5 | 70 |
| 890 | Arsenite-induced reactive oxygen species and the repression of Î±-tocopherol in the MGC-803 cells. <i>European Journal of Pharmacology</i> , 2002, 448, 11-18. | 1.7 | 18 |
| 891 | Induction of apoptosis by diallyl disulfide through activation of caspase-3 in human leukemia HL-60 cells11Abbreviations: Ac-DEVD-CHO, N-acetyl-Asp-Glu-Val-Asp-CHO (aldehyde); Ac-DEVD-AFC, N-acetyl-Asp-Glu-Val-Asp-AFC (7-amino-4-trifluoromethyl-coumarine); Ac-YVAD-CHO, N-acetyl-Tyr-Val-Ala-Asp-CHO (aldehyde); CAD, caspase-activated deoxyribonuclease; CM-H2DCFDA, 5-(and) Tj ETQq11 0.784314 rgB | 2.0 | 153 |
| 892 | fluorescence-activated cell sorter; FITC, fluores. <i>Biochemical Pharmacology</i> , 2002, 63, 41-47. Modulation of apoptosis and improved redox metabolism with the use of a new antioxidant formula. <i>Biochemical Pharmacology</i> , 2002, 63, 1305-1314. | 2.0 | 32 |
| 893 | Indomethacin-induced mitochondrial dysfunction and oxidative stress in villus enterocytes. <i>Biochemical Pharmacology</i> , 2002, 64, 339-349. | 2.0 | 77 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 894 | Antioxidants and oxidants regulated signal transduction pathways. <i>Biochemical Pharmacology</i> , 2002, 64, 765-770. | 2.0 | 404 |
| 895 | Cell signalling and the glutathione redox system. <i>Biochemical Pharmacology</i> , 2002, 64, 1057-1064. | 2.0 | 326 |
| 896 | Lysophosphatidylcholine as a ligand for immunoregulation. <i>Biochemical Pharmacology</i> , 2002, 64, 161-167. | 2.0 | 99 |
| 897 | Role of antioxidants in the O-hydroxyethyl-d-(Ser)8-cyclosporine A (SDZ IMM125)-induced apoptosis in rat hepatocytes. <i>Biochemical Pharmacology</i> , 2002, 64, 1725-1736. | 2.0 | 6 |
| 898 | Oxidative stress is involved in the heat stress-induced downregulation of TCR β chain expression and TCR/CD3-mediated $[Ca^{2+}]_i$ response in human T-lymphocytes. <i>Cellular Immunology</i> , 2002, 215, 151-161. | 1.4 | 19 |
| 899 | N-acetyl-L-cysteine inhibits 26S proteasome function: implications for effects on NF- κ B activation. <i>Free Radical Biology and Medicine</i> , 2002, 32, 536-543. | 1.3 | 61 |
| 900 | Oxidative stress mediates cell surface expression of SS-A/Ro antigen on keratinocytes. <i>Free Radical Biology and Medicine</i> , 2002, 32, 1006-1016. | 1.3 | 34 |
| 901 | Chromium(III)-induced apoptosis of lymphocytes: death decision by ROS and Src-family tyrosine kinases. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1622-1640. | 1.3 | 75 |
| 902 | Oxygen homeostasis, thiol equilibrium and redox regulation of signalling transcription factors in the alveolar epithelium. <i>Cellular Signalling</i> , 2002, 14, 799-810. | 1.7 | 47 |
| 903 | Mitochondrial hyperpolarization and ATP depletion in patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2002, 46, 175-190. | 6.7 | 340 |
| 904 | Modulation of cyclophilin gene expression by N-4-(hydroxyphenyl)retinamide: Association with reactive oxygen species generation and apoptosis. <i>Molecular Carcinogenesis</i> , 2002, 33, 16-24. | 1.3 | 25 |
| 905 | Oxidative stress in phagocytes??The enemy within?. <i>Microscopy Research and Technique</i> , 2002, 57, 441-455. | 1.2 | 105 |
| 906 | Inhibition of H ₂ O ₂ -induced apoptosis of lymphocytes by calorie restriction during aging. <i>Microscopy Research and Technique</i> , 2002, 59, 282-292. | 1.2 | 14 |
| 907 | Oxidant-antioxidant status in relation to survival among breast cancer patients. <i>International Journal of Cancer</i> , 2002, 97, 574-579. | 2.3 | 35 |
| 908 | Oxidative Stress and Apoptosis in Heart Dysfunction. <i>Herz</i> , 2002, 27, 662-668. | 0.4 | 139 |
| 909 | Exercise-induced apoptosis of rat skeletal muscle and the effect of meloxicam. <i>Rheumatology International</i> , 2002, 21, 133-136. | 1.5 | 18 |
| 910 | Prolonged exercise, lymphocyte apoptosis and F ₂ -isoprostanes. <i>European Journal of Applied Physiology</i> , 2002, 87, 38-42. | 1.2 | 89 |
| 911 | Synthesis, Characterization and Antitumor Studies of Mn(II), Fe(III), Co(II), Ni(II), Cu(II) and Zn(II) Complexes of N-Salicyloyl-N- α -o-hydroxythiobenzhydrazide. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 887-895. | 1.4 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 912 | Cytoprotective antioxidant activity of serum albumin and autocrine catalase in chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2002, 116, 316-328. | 1.2 | 34 |
| 913 | Low-dose doxorubicin-induced necrosis in Jurkat cells and its acceleration and conversion to apoptosis by antioxidants. <i>British Journal of Haematology</i> , 2002, 118, 229-238. | 1.2 | 22 |
| 914 | The molecular mechanism in activation-induced cell death of an Ag-reactive B cell clone. <i>Clinical and Experimental Immunology</i> , 2002, 128, 436-443. | 1.1 | 2 |
| 915 | BCL-2-Related Protein Expression in Apoptosis: Oxidative Stress Versus Serum Deprivation in PC12 Cells. <i>Journal of Neurochemistry</i> , 1997, 69, 514-523. | 2.1 | 79 |
| 916 | Amidation of β -Amyloid Peptide Strongly Reduced the Amyloidogenic Activity Without Alteration of the Neurotoxicity. <i>Journal of Neurochemistry</i> , 2002, 69, 2048-2054. | 2.1 | 34 |
| 917 | 3-Hydroxykynurenine, an Endogenous Oxidative Stress Generator, Causes Neuronal Cell Death with Apoptotic Features and Region Selectivity. <i>Journal of Neurochemistry</i> , 1998, 70, 299-307. | 2.1 | 364 |
| 918 | Enhanced Oxidative Stress and Altered Antioxidants in Brains of Bcl-2 Deficient Mice. <i>Journal of Neurochemistry</i> , 1998, 71, 741-748. | 2.1 | 125 |
| 919 | Glutathione S-transferases and related proteins from pathogenic human parasites behave as immunomodulatory factors. <i>Immunology Letters</i> , 2002, 81, 159-164. | 1.1 | 39 |
| 920 | Polynucléaires neutrophiles humains. <i>Revue Francaise Des Laboratoires</i> , 2002, 2002, 43-51. | 0.0 | 1 |
| 921 | Costunolide Triggers Apoptosis in Human Leukemia U937 Cells by Depleting Intracellular Thiols. <i>Japanese Journal of Cancer Research</i> , 2002, 93, 1327-1333. | 1.7 | 69 |
| 922 | Role of glutathione depletion and reactive oxygen species generation in apoptotic signaling in a human B lymphoma cell line. <i>Cell Death and Differentiation</i> , 2002, 9, 252-263. | 5.0 | 410 |
| 923 | Oxidative stress inhibits the phagocytosis of apoptotic cells that have externalized phosphatidylserine. <i>Cell Death and Differentiation</i> , 2002, 9, 616-625. | 5.0 | 53 |
| 924 | Biochemical and molecular basis of thimerosal-induced apoptosis in T cells: a major role of mitochondrial pathway. <i>Genes and Immunity</i> , 2002, 3, 270-278. | 2.2 | 58 |
| 925 | Ruthenium metallopharmaceuticals. <i>Coordination Chemistry Reviews</i> , 2002, 232, 69-93. | 9.5 | 368 |
| 926 | Synthesis, characterization and antitumor studies of transition metal complexes of o-hydroxydithiobenzoate. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 2693-2704. | 1.4 | 14 |
| 927 | Inhibition of intracellular peroxides and apoptosis of lymphocytes in lupus-prone B/W mice by dietary n-6 and n-3 lipids with calorie restriction. <i>Journal of Clinical Immunology</i> , 2002, 22, 206-219. | 2.0 | 15 |
| 928 | Nicotinamide "protects" resting lymphocytes exposed to hydrogen peroxide from necrosis but not from apoptosis. <i>Cell Biology and Toxicology</i> , 2002, 18, 359-367. | 2.4 | 15 |
| 929 | Chronic Heart Failure and the Immune System. <i>Clinical Reviews in Allergy and Immunology</i> , 2002, 23, 325-340. | 2.9 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 930 | Impact of oxidative stress in aged mouse oocytes on calcium oscillations at fertilization. <i>Molecular Reproduction and Development</i> , 2003, 66, 143-152. | 1.0 | 150 |
| 931 | Oxygen radical generation and endosulfan toxicity in Jurkat T-cells. <i>Molecular and Cellular Biochemistry</i> , 2003, 247, 1-7. | 1.4 | 19 |
| 932 | Key Role of Apoptosis in Uveal Melanoma Progression. <i>Biology Bulletin</i> , 2003, 30, 436-441. | 0.1 | 0 |
| 933 | Hydrogen peroxide overproduction in megamitochondria of troglitazone-treated human hepatocytes. <i>Hepatology</i> , 2003, 37, 136-147. | 3.6 | 71 |
| 934 | Synthesis, characterization and antitumor studies of N-aryyl-N'-thioaroylhydrazines and their Co(II), Ni(II), Cu(II) and Zn(II) complexes. <i>BioMetals</i> , 2003, 16, 471-477. | 1.8 | 7 |
| 935 | Antioxidants in cancer therapy: Is there a rationale to recommend antioxidants during cancer therapy?. <i>BioFactors</i> , 2003, 17, 229-240. | 2.6 | 11 |
| 936 | Biochemical basis of the high resistance to oxidative stress in <i>Dictyostelium discoideum</i> . <i>Journal of Biosciences</i> , 2003, 28, 581-588. | 0.5 | 31 |
| 937 | Melatonin and cell death: differential actions on apoptosis in normal and cancer cells. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1407-1426. | 2.4 | 266 |
| 938 | Changes in low molecular weight DNA fragmentation in white blood cells after diisocyanate exposure of workers. <i>Archives of Toxicology</i> , 2003, 77, 470-476. | 1.9 | 8 |
| 939 | Lack of influence of ω -3 fatty acid-enriched lipids on apoptosis and secondary necrosis of cultured human lymphocytes. <i>Nutrition</i> , 2003, 19, 441-445. | 1.1 | 13 |
| 940 | Repeated addition of insulin for dynamic control of apoptosis in serum-free culture of Chinese hamster ovary cells. <i>Journal of Bioscience and Bioengineering</i> , 2003, 96, 59-64. | 1.1 | 10 |
| 941 | Biological significance of phospholipid hydroperoxide glutathione peroxidase (PHGPx, GPx4) in mammalian cells. <i>Free Radical Biology and Medicine</i> , 2003, 34, 145-169. | 1.3 | 639 |
| 942 | Apoptosis is induced by decline of mitochondrial ATP synthesis in erythroleukemia cells. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1190-1199. | 1.3 | 50 |
| 943 | Peroxidation and externalization of phosphatidylserine associated with release of cytochrome c from mitochondria. <i>Free Radical Biology and Medicine</i> , 2003, 35, 814-825. | 1.3 | 52 |
| 944 | The role of thiol reduction in hydroquinone-induced apoptosis in HEK293 cells. <i>Chemico-Biological Interactions</i> , 2003, 145, 225-233. | 1.7 | 18 |
| 945 | Involvement of cytochrome c release and caspase-3 activation in the oxidative stress-induced apoptosis in human tendon fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003, 1641, 35-41. | 1.9 | 143 |
| 946 | Apoptosis and oxidants in the heart. <i>Translational Research</i> , 2003, 142, 288-297. | 2.4 | 207 |
| 947 | Anti-apoptotic defense of bcl-2 gene against hydroperoxide-induced cytotoxicity together with suppressed lipid peroxidation, enhanced ascorbate uptake, and upregulated Bcl-2 protein. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 321-334. | 1.2 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 948 | Curcumin inhibits UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermoid carcinoma A431 cells. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 327-338. | 1.2 | 136 |
| 949 | Bcl-2 prevents hypoxia/reoxygenation-induced cell death through suppressed generation of reactive oxygen species and upregulation of Bcl-2 proteins. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 914-924. | 1.2 | 19 |
| 950 | ?-Lipoic acid induces p27Kip-dependent cell cycle arrest in non-transformed cell lines and apoptosis in tumor cell lines. <i>Journal of Cellular Physiology</i> , 2003, 194, 325-340. | 2.0 | 74 |
| 951 | P2X7 Receptor-induced generation of reactive oxygen species in rat mesangial cells. <i>Drug Development Research</i> , 2003, 59, 112-117. | 1.4 | 7 |
| 952 | Apoptosis in primary lymphoid organs with aging. <i>Microscopy Research and Technique</i> , 2003, 62, 524-539. | 1.2 | 27 |
| 953 | Inducible nitric oxide synthase and bcl-2 expression in nasopharyngeal cancer: correlation with outcome of patients after radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 56, 837-845. | 0.4 | 25 |
| 954 | Spectral studies on copper(II) complexes of biologically active glutathione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1487-1496. | 2.0 | 36 |
| 955 | NQO2 gene is associated with clozapine-induced agranulocytosis. <i>Tissue Antigens</i> , 2003, 62, 483-491. | 1.0 | 50 |
| 956 | Chronic treatment with carvedilol improves ventricular function and reduces myocyte apoptosis in an animal model of heart failure. <i>BMC Physiology</i> , 2003, 3, 6. | 3.6 | 23 |
| 957 | Kupffer cells promote lead nitrate-induced hepatocyte apoptosis via oxidative stress. <i>Comparative Hepatology</i> , 2003, 2, 8. | 0.9 | 28 |
| 958 | Characterization of apoptosis in intestinal ischaemia-reperfusion injury - a light and electron microscopic study.. <i>International Journal of Experimental Pathology</i> , 2003, 78, 355-363. | 0.6 | 27 |
| 959 | Selenium protects primary human keratinocytes from apoptosis induced by exposure to ultraviolet radiation. <i>Clinical and Experimental Dermatology</i> , 2003, 28, 294-300. | 0.6 | 28 |
| 960 | Intestinal oxidative damage in inflammatory bowel disease: semi-quantification, localization, and association with mucosal antioxidants. <i>Journal of Pathology</i> , 2003, 201, 28-36. | 2.1 | 315 |
| 961 | Leptin stimulates the oxidative burst in control monocytes but attenuates the oxidative burst in monocytes from HIV-infected patients. <i>Clinical and Experimental Immunology</i> , 2003, 134, 464-469. | 1.1 | 45 |
| 962 | Antiapoptotic effect of haem oxygenase-1 induced by nitric oxide in experimental solid tumour. <i>British Journal of Cancer</i> , 2003, 88, 902-909. | 2.9 | 152 |
| 963 | Inhibition of oxidative phosphorylation underlies the antiproliferative and proapoptotic effects of mofarotene (Ro 40-8757) in Burkitt's lymphoma cells. <i>Oncogene</i> , 2003, 22, 906-918. | 2.6 | 7 |
| 965 | Evaluation of the Effect of Ascorbic Acid Treatment on Wound Healing in Mice Exposed to Different Doses of Fractionated Gamma Radiation. <i>Radiation Research</i> , 2003, 159, 371-380. | 0.7 | 33 |
| 966 | Invertebrate Humoral Factors: Cytokines as Mediators of Cell Survival. <i>Progress in Molecular and Subcellular Biology</i> , 2003, 34, 1-25. | 0.9 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 967 | Apoptosis induced in neuronal cells by oxidative stress: role played by caspases and intracellular calcium ions. <i>Toxicology Letters</i> , 2003, 139, 125-133. | 0.4 | 236 |
| 968 | The effect of PARS inhibition on ileal histopathology, apoptosis and lipid peroxidation in LPS-induced obstructive jaundice. <i>Pharmacological Research</i> , 2003, 48, 139-149. | 3.1 | 2 |
| 969 | Determination of the transcript profile of human endometrium. <i>Molecular Human Reproduction</i> , 2003, 9, 19-33. | 1.3 | 300 |
| 970 | Aminophospholipid Asymmetry: A Matter of Life and Death. <i>Annual Review of Physiology</i> , 2003, 65, 701-734. | 5.6 | 358 |
| 971 | Caspase activation during <i>Haemophilus somnus</i> lipooligosaccharide-mediated apoptosis of bovine endothelial cells. <i>Microbial Pathogenesis</i> , 2003, 35, 285-291. | 1.3 | 22 |
| 972 | Lymphocyte DNA damage precedes DNA repair or cell death after orthopaedic surgery under general anaesthesia. <i>Mutagenesis</i> , 2003, 18, 423-428. | 1.0 | 41 |
| 973 | Hydrogen peroxide induces apoptosis in cerebral vascular smooth muscle cells: possible relation to neurodegenerative diseases and strokes. <i>Brain Research Bulletin</i> , 2003, 62, 101-106. | 1.4 | 51 |
| 974 | Metabotropic glutamate receptor regulation of neuronal cell death. <i>Experimental Neurology</i> , 2003, 184, 97-105. | 2.0 | 35 |
| 975 | Down-regulation of heat shock protein 27 in neuronal cells and non-neuronal cells expressing mutant ataxin-3. <i>FEBS Letters</i> , 2003, 546, 307-314. | 1.3 | 41 |
| 976 | Alteration in the glutathione, glutathione peroxidase, superoxide dismutase and lipid peroxidation by ascorbic acid in the skin of mice exposed to fractionated ^{137}Cs radiation. <i>Clinica Chimica Acta</i> , 2003, 332, 111-121. | 0.5 | 97 |
| 977 | The antioxidant, rather than prooxidant, activities of quercetin on normal cells: quercetin protects mouse thymocytes from glucose oxidase-mediated apoptosis. <i>Experimental Cell Research</i> , 2003, 291, 386-397. | 1.2 | 101 |
| 978 | Beneficial effects of fluvastatin on progressive renal allograft dysfunction. <i>Transplantation Proceedings</i> , 2003, 35, 1364-1367. | 0.3 | 9 |
| 979 | Induction of apoptosis by Paljin-Hangahmdan on human leukemia cells. <i>Journal of Ethnopharmacology</i> , 2003, 88, 79-83. | 2.0 | 12 |
| 980 | Peroxynitrite generated in the rat spinal cord induces apoptotic cell death and activates caspase-3. <i>Neuroscience</i> , 2003, 116, 59-70. | 1.1 | 90 |
| 981 | Combined nimodipine and citicoline reduce infarct size, attenuate apoptosis and increase bcl-2 expression after focal cerebral ischemia. <i>Neuroscience</i> , 2003, 118, 107-113. | 1.1 | 90 |
| 982 | Apoptotic effect in the glioma cells induced by specific protein extracted from Okinawa Habu (<i>Trimeresurus flavoviridis</i>) venom in relation to oxidative stress. <i>Toxicology in Vitro</i> , 2003, 17, 169-177. | 1.1 | 65 |
| 983 | Involvement of apoptosis in hydrazine induced toxicity in rat primary hepatocytes. <i>Toxicology in Vitro</i> , 2003, 17, 343-355. | 1.1 | 33 |
| 984 | Hydroxylamine potentiates the effect of low dose hydrogen peroxide in glioma cells independent of p53. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 1639-1644. | 1.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 985 | Induction of apoptosis in human blood T cells by 7,8-dihydroneopterin: the difference between healthy controls and patients with systemic lupus erythematosus. <i>Clinical Immunology</i> , 2003, 107, 152-159. | 1.4 | 18 |
| 986 | Factors Affecting the Levels of Tea Polyphenols and Caffeine in Tea Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 1864-1873. | 2.4 | 339 |
| 987 | INFLUENZA VIRUS INDUCTION OF APOPTOSIS BY INTRINSIC AND EXTRINSIC MECHANISMS. <i>International Reviews of Immunology</i> , 2003, 22, 425-449. | 1.5 | 76 |
| 988 | Disturbed Glutathione Metabolism and Decreased Antioxidant Levels in Human Immunodeficiency Virus-Infected Patients during Highly Active Antiretroviral Therapy: Potential Immunomodulatory Effects of Antioxidants. <i>Journal of Infectious Diseases</i> , 2003, 188, 232-238. | 1.9 | 79 |
| 989 | Formulation of Benzoporphyrin Derivatives in Pluronic. <i>Photochemistry and Photobiology</i> , 2003, 77, 299. | 1.3 | 36 |
| 990 | gamma-Glutamyl transpeptidase activity alters the T cell response to oxidative stress and Fas-induced apoptosis. <i>International Immunology</i> , 2003, 15, 17-27. | 1.8 | 32 |
| 991 | DIAP1 suppresses ROS-induced apoptosis caused by impairment of the selD/sps1 homolog in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2003, 116, 4597-4604. | 1.2 | 35 |
| 992 | Redox Regulation of Cell Growth and Cell Death. <i>Biological Chemistry</i> , 2003, 384, 991-6. | 1.2 | 95 |
| 993 | Diminished production of anti-inflammatory mediators during neutrophil apoptosis and macrophage phagocytosis in chronic granulomatous disease (CGD). <i>Journal of Leukocyte Biology</i> , 2003, 73, 591-599. | 1.5 | 137 |
| 994 | Analysis of the Sponge [Porifera] Gene Repertoire: Implications for the Evolution of the Metazoan Body Plan. <i>Progress in Molecular and Subcellular Biology</i> , 2003, 37, 1-33. | 0.9 | 23 |
| 995 | Lipid Peroxidation-Independent Mechanisms of Vitamin E-Mediated Protection Against Cyclosporine A-Induced Hepatocellular Toxicity and Apoptosis. <i>Toxicology Mechanisms and Methods</i> , 2003, 13, 187-197. | 1.3 | 2 |
| 996 | FOXO Transcription Factors as Regulators of Immune Homeostasis: Molecules to Die for?. <i>Journal of Immunology</i> , 2003, 171, 1623-1629. | 0.4 | 147 |
| 997 | Elucidation of Molecular Events Leading to Neutrophil Apoptosis following Phagocytosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 28443-28454. | 1.6 | 210 |
| 998 | Appetizing rancidity of apoptotic cells for macrophages: oxidation, externalization, and recognition of phosphatidylserine. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L1-L17. | 1.3 | 86 |
| 999 | Photoprotection by Antioxidants against UVB-Radiation-Induced Damage in Pig Skin Organ Culture. <i>Radiation Research</i> , 2003, 159, 210-217. | 0.7 | 35 |
| 1000 | Oxidative Stress Induces Nuclear Loss of DNA Repair Proteins Ku70 and Ku80 and Apoptosis in Pancreatic Acinar AR42J Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 36676-36687. | 1.6 | 93 |
| 1001 | The Protective Effect of N-Acetylcysteine on Apoptotic Lung Injury in Cecal Ligation and Puncture-Induced Sepsis Model. <i>Shock</i> , 2003, 19, 366-372. | 1.0 | 152 |
| 1002 | Glucose degradation products increase apoptosis of human mesothelial cells. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 677-688. | 0.4 | 29 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1003 | Involvement of Reactive Oxygen Species, but not Mitochondrial Permeability Transition in the Apoptotic Induction of Human SK-Hep-1 Hepatoma Cells by Shikonin. <i>Planta Medica</i> , 2003, 69, 1119-1124. | 0.7 | 45 |
| 1004 | Does Sucralfate Prevent Apoptosis Occurring in the Ischemia/Reperfusion-Induced Intestinal Injury?. <i>European Journal of Pediatric Surgery</i> , 2003, 13, 231-235. | 0.7 | 8 |
| 1005 | Ischemic Preconditioning Reduces Intestinal Epithelial Apoptosis in Rats. <i>Shock</i> , 2003, 19, 588-592. | 1.0 | 28 |
| 1006 | Biphasic Response of Ciprofloxacin in Human Fibroblast Cell Cultures. <i>Nonlinearity in Biology, Toxicology, Medicine</i> , 2003, 1, 154014203902710. | 0.4 | 19 |
| 1007 | Detection of apoptotic cells in intestines from horses with and without gastrointestinal tract disease. <i>American Journal of Veterinary Research</i> , 2003, 64, 982-988. | 0.3 | 16 |
| 1008 | Induction of Apoptosis Following Blunt Chest Trauma. <i>Shock</i> , 2003, 20, 511-516. | 1.0 | 45 |
| 1009 | The Synergistic Effects of Hypoxia/Reoxygenation or Tissue Acidosis and Bacteria on Intestinal Epithelial Cell Apoptosis. <i>Journal of Trauma</i> , 2003, 55, 241-248. | 2.3 | 13 |
| 1010 | Ceramide and glutathione define two independently regulated pathways of cell death initiated by p53 in Molt-4 leukaemia cells. <i>Biochemical Journal</i> , 2003, 376, 725-732. | 1.7 | 28 |
| 1011 | Gallic Acid, an Antioxidant, Exhibits Antiapoptotic Potential in Normal Human Lymphocytes: A Bcl-2 Independent Mechanism. <i>Journal of Nutritional Science and Vitaminology</i> , 2003, 49, 221-227. | 0.2 | 88 |
| 1012 | Polyphenolic Flavonoids Differ in Their Antiapoptotic Efficacy in Hydrogen Peroxide-Treated Human Vascular Endothelial Cells. <i>Journal of Nutrition</i> , 2003, 133, 985-991. | 1.3 | 125 |
| 1013 | Oxidative stress in bilateral total knee replacement, under ischaemic tourniquet. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2003, 85-B, 679-682. | 3.4 | 36 |
| 1014 | Role of Granulocyte-Macrophage Colony-Stimulating Factor on Apoptosis Induced by Ischemia-Reperfusion in the Intestinal Epithelium. <i>European Surgical Research</i> , 2003, 35, 357-362. | 0.6 | 5 |
| 1015 | Modes of Cell Death and Survival in Cardiomyocytes Under Various Type of Ischemic Injury. <i>Sunhwan'gi</i> , 2003, 33, 949. | 0.3 | 1 |
| 1016 | Upregulation of expression of the chemokine receptor CCR5 by hydrogen peroxide in human monocytes. <i>Mediators of Inflammation</i> , 2003, 12, 29-35. | 1.4 | 14 |
| 1017 | Strategies for the augmentation of grafted dopamine neuron survival. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, s522-532. | 3.0 | 58 |
| 1018 | The involvement of oxidative stress in bovine herpesvirus type 4-mediated apoptosis. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 2106. | 3.0 | 14 |
| 1019 | Imaging Reactive Oxygen Species in Arthritis. <i>Molecular Imaging</i> , 2004, 3, 153535002004041. | 0.7 | 7 |
| 1020 | Oxidized LDL-Induced Apoptosis. , 2002, 36, 123-150. | | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1021 | Mitogen-Activated Protein Kinase Signaling. International Review of Neurobiology, 2004, 59, 201-220. | 0.9 | 191 |
| 1022 | The Stem Cell Marker Bcrp/ABCG2 Enhances Hypoxic Cell Survival through Interactions with Heme. Journal of Biological Chemistry, 2004, 279, 24218-24225. | 1.6 | 568 |
| 1023 | Apoptotic adaptations from exercise training in skeletal and cardiac muscles. FASEB Journal, 2004, 18, 1150-1152. | 0.2 | 207 |
| 1024 | Apoptosis of human primary B lymphocytes is inhibited by N-acetyl-L-cysteine. Journal of Leukocyte Biology, 2004, 76, 152-161. | 1.5 | 30 |
| 1025 | Growth factors protect in vitro cultured embryos from the consequences of oxidative stress. Zygote, 2004, 12, 231-240. | 0.5 | 40 |
| 1026 | Activation of liver X receptors and retinoid X receptors prevents bacterial-induced macrophage apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17813-17818. | 3.3 | 199 |
| 1027 | Oxidative Stress During Myocardial Ischaemia and Heart Failure. Current Pharmaceutical Design, 2004, 10, 1699-1711. | 0.9 | 186 |
| 1028 | Tumor Intracellular Redox Status and Drug Resistance-Serendipity or a Causal Relationship?. Current Pharmaceutical Design, 2004, 10, 1969-1977. | 0.9 | 111 |
| 1029 | Redox-Sensing Release of Human Thioredoxin from T Lymphocytes with Negative Feedback Loops. Journal of Immunology, 2004, 172, 442-448. | 0.4 | 110 |
| 1030 | Inhibition of Hydrogen Peroxide-Induced Endothelial Apoptosis by 2,4,7-Trihydroxyflavanone, a Flavonoid Form. Journal of Medicinal Food, 2004, 7, 408-416. | 0.8 | 12 |
| 1031 | The Involvement of p53 in Paraquat-Induced Apoptosis in Human Lung Epithelial-Like Cells. International Journal of Toxicology, 2004, 23, 33-40. | 0.6 | 21 |
| 1032 | Oxidative stress, renal infiltration of immune cells, and salt-sensitive hypertension: all for one and one for all. American Journal of Physiology - Renal Physiology, 2004, 286, F606-F616. | 1.3 | 229 |
| 1033 | Oxygen radical-induced natural killer cell dysfunction: role of myeloperoxidase and regulation by serotonin. Journal of Leukocyte Biology, 2004, 75, 1111-1115. | 1.5 | 44 |
| 1034 | Effects of homocysteine on apoptosis-related proteins and anti-oxidant systems in isolated human lymphocytes. FEBS Journal, 2004, 271, 1671-1676. | 0.2 | 13 |
| 1035 | Decreased apoptosis of β_2 -integrin-deficient bovine neutrophils. Immunology and Cell Biology, 2004, 82, 32-37. | 1.0 | 4 |
| 1036 | Hydrogen peroxide in the Burkitt's lymphoma cell line Raji provides protection against arsenic trioxide-induced apoptosis via the phosphoinositide-3 kinase signalling pathway. British Journal of Haematology, 2004, 125, 512-520. | 1.2 | 13 |
| 1037 | Mercury-induced apoptosis and necrosis in murine macrophages: role of calcium-induced reactive oxygen species and p38 mitogen-activated protein kinase signaling. Toxicology and Applied Pharmacology, 2004, 196, 47-57. | 1.3 | 133 |
| 1038 | Radiation-induced apoptosis of stem/progenitor cells in human umbilical cord blood is associated with alterations in reactive oxygen and intracellular pH. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 556, 83-91. | 0.4 | 28 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1039 | Activation of MAP kinases, apoptosis and nutrigenomics of gene expression elicited by dietary cancer-prevention compounds. <i>Nutrition</i> , 2004, 20, 83-88. | 1.1 | 68 |
| 1040 | Hemocyte Apoptosis Induced by Entomopathogenic Bacteria, <i>Xenorhabdus</i> and <i>Photorhabdus</i> , in <i>Bombyx mori</i> . <i>Journal of Asia-Pacific Entomology</i> , 2004, 7, 195-200. | 0.4 | 43 |
| 1041 | Oxidative stress in viral hepatitis and AIDS. <i>Experimental and Molecular Pathology</i> , 2004, 77, 121-132. | 0.9 | 110 |
| 1042 | Variability of glutathione during the menstrual cycleâ€”due to estrogen effects on hepatocytes?. <i>Free Radical Biology and Medicine</i> , 2004, 36, 145-151. | 1.3 | 15 |
| 1043 | The effects of meso-2,3-dimercaptosuccinic acid and oligomeric procyanidins on acute lead neurotoxicity in rat hippocampus. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1037-1050. | 1.3 | 40 |
| 1044 | Effects of oxidized low-density lipoprotein on leukocyte-endothelial interactions in the rat mesenteric microcirculation during pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 191, 322-327. | 0.7 | 3 |
| 1045 | Cadmium-induced apoptosis in C6 glioma cells: influence of oxidative stress. <i>BioMetals</i> , 2004, 17, 65-78. | 1.8 | 186 |
| 1046 | Effects of Phosphoinositide Cycle Modifiers on Apoptosis of Peritoneal Macrophages. <i>Bulletin of Experimental Biology and Medicine</i> , 2004, 137, 575-577. | 0.3 | 1 |
| 1047 | Effects of heat shock on in vitro development and intracellular oxidative state of bovine preimplantation embryos. <i>Molecular Reproduction and Development</i> , 2004, 67, 77-82. | 1.0 | 112 |
| 1048 | Crystalline silica induces apoptosis in human endothelial cells in vitro. <i>Cell Biology and Toxicology</i> , 2004, 20, 97-108. | 2.4 | 14 |
| 1049 | Root canal sealers induce cytotoxicity and necrosis. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 767-771. | 1.7 | 63 |
| 1050 | Antioxidative Mikronnährstoffe als Zusatzstoffe in der Onkologie. <i>Onkologie</i> , 2004, 10, 230-243. | 0.7 | 1 |
| 1051 | Effects of Selenium Dioxide on Apoptosis, Bcl-2 and p53 Expression, Intracellular Reactive Oxygen Species and Calcium Level in Three Human Lung Cancer Cell Lines. <i>Chinese-German Journal of Clinical Oncology</i> , 2004, 3, 141-146. | 0.1 | 6 |
| 1052 | Ischemic preconditioning in the brain. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 201-205. | 0.7 | 1 |
| 1053 | Dose related effects of ifosfamide on enterocyte apoptosis in different sites of the rabbit intestine. <i>Toxicology</i> , 2004, 200, 135-143. | 2.0 | 2 |
| 1054 | Antioxidative treatment prevents activation of death-receptor- and mitochondrion-dependent apoptosis in the hearts of diabetic rats. <i>Diabetologia</i> , 2004, 47, 2072-2080. | 2.9 | 78 |
| 1055 | Intrinsic oxidative stress in cancer cells: a biochemical basis for therapeutic selectivity. <i>Cancer Chemotherapy and Pharmacology</i> , 2004, 53, 209-219. | 1.1 | 345 |
| 1056 | Anti-apoptotic effects of curcumin on photosensitized human epidermal carcinoma A431 cells. <i>Journal of Cellular Biochemistry</i> , 2004, 92, 200-212. | 1.2 | 86 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1057 | Cytoprotection by bcl-2 gene transfer against ischemic liver injuries together with repressed lipid peroxidation and increased ascorbic acid in livers and serum. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 857-870. | 1.2 | 4 |
| 1058 | Sensitivity of myofibroblasts to H ₂ O ₂ -mediated apoptosis and their antioxidant cell network. <i>Journal of Cellular Physiology</i> , 2004, 200, 263-271. | 2.0 | 12 |
| 1059 | Epigallocatechin 3-gallate attenuates neuronal damage induced by 3-hydroxykynurenine. <i>Toxicology</i> , 2004, 195, 53-60. | 2.0 | 53 |
| 1060 | Effects of dietary selenium on glutathione peroxidase and thioredoxin reductase activity and recovery from cardiac ischemiaâ€“reperfusion. <i>Journal of Trace Elements in Medicine and Biology</i> , 2004, 18, 81-88. | 1.5 | 83 |
| 1061 | Vitamin E Protects DNA from Oxidative Damage in Human Hepatocellular Carcinoma Cell Lines. <i>Free Radical Research</i> , 2004, 38, 751-759. | 1.5 | 29 |
| 1062 | Endogenously Generated Hydrogen Peroxide Is Required for Execution of Melphalan-Induced Apoptosis as Well as Oxidation and Externalization of Phosphatidylserine. <i>Chemical Research in Toxicology</i> , 2004, 17, 685-696. | 1.7 | 16 |
| 1063 | Augmentation of wound healing by ascorbic acid treatment in mice exposed to ¹³⁷ Cs radiation. <i>International Journal of Radiation Biology</i> , 2004, 80, 347-354. | 1.0 | 26 |
| 1064 | Diabetes Alters the Response to Bacteria by Enhancing Fibroblast Apoptosis. <i>Endocrinology</i> , 2004, 145, 2997-3003. | 1.4 | 62 |
| 1065 | Induction of Apoptosis by Shikonin through Coordinative Modulation of the Bcl-2 Family, p27, and p53, Release of Cytochrome c, and Sequential Activation of Caspases in Human Colorectal Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6330-6337. | 2.4 | 95 |
| 1066 | Glycoprotein isolated from <i>Ulmus davidiana</i> Nakai inhibits TPA-induced apoptosis through nuclear factor-kappa B in NIH/3T3 cells. <i>Toxicology Letters</i> , 2004, 146, 159-174. | 0.4 | 33 |
| 1067 | The Cytotoxicity of <i>Scytosiphon lomentaria</i> Against HL-60 Promyelocytic Leukemia Cells. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2004, 19, 641-648. | 0.7 | 4 |
| 1068 | The Plasma Membrane Is the Site of Selective Phosphatidylserine Oxidation During Apoptosis: Role of Cytochrome c. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 209-225. | 2.5 | 42 |
| 1069 | MITOCHONDRIAL DYSFUNCTION IN T CELLS OF PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS. <i>International Reviews of Immunology</i> , 2004, 23, 293-313. | 1.5 | 64 |
| 1070 | Dose related effects of ifosfamide on enterocyte apoptosis in different sites of the rabbit intestine. <i>Toxicology</i> , 2004, 200, 135-135. | 2.0 | 1 |
| 1071 | Polyamine depletion switches the form of 2-deoxy-d-ribose-induced cell death from apoptosis to necrosis in HL-60 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1238-1248. | 1.2 | 15 |
| 1072 | Critical roles of intracellular thiols and calcium in parthenolide-induced apoptosis in human colorectal cancer cells. <i>Cancer Letters</i> , 2004, 208, 143-153. | 3.2 | 440 |
| 1073 | Pro-oxidant environment of the colon compared to the small intestine may contribute to greater cancer susceptibility. <i>Cancer Letters</i> , 2004, 208, 155-161. | 3.2 | 61 |
| 1074 | DNA damage in leukocytes of mice treated with copper sulfate. <i>Food and Chemical Toxicology</i> , 2004, 42, 1931-1936. | 1.8 | 35 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1075 | Activation of cytosolic phospholipase A2 in Her14 fibroblasts by hydrogen peroxide: a p42/44MAPK-dependent and phosphorylation-independent mechanism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004, 1636, 183-195. | 1.2 | 43 |
| 1076 | Reactive oxygen and nitrogen intermediates contribute to <i>Haemophilus somnus</i> lipooligosaccharide-mediated apoptosis of bovine endothelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2004, 97, 207-217. | 0.5 | 11 |
| 1077 | Hydroxyl radicals generated in the rat spinal cord at the level produced by impact injury induce cell death by necrosis and apoptosis: protection by a metalloporphyrin. <i>Neuroscience</i> , 2004, 126, 285-295. | 1.1 | 79 |
| 1078 | Effect of ligustrazine on ischemia-reperfusion injury in murine kidney. <i>Transplantation Proceedings</i> , 2004, 36, 1949-1951. | 0.3 | 72 |
| 1079 | Redox and oxidant-mediated regulation of apoptosis signaling pathways: immuno-pharmaco-redox conception of oxidative siege versus cell death commitment. <i>International Immunopharmacology</i> , 2004, 4, 475-493. | 1.7 | 118 |
| 1080 | An IgM class anti-neutrophil cytoplasm antibody inhibits neutrophil adhesion and apoptosis via a Syk dependent signaling cascade. <i>Molecular Immunology</i> , 2004, 41, 457-468. | 1.0 | 8 |
| 1081 | The peroxisome proliferator BR931 kills FaO cells by p53-dependent apoptosis. <i>Life Sciences</i> , 2004, 75, 271-286. | 2.0 | 8 |
| 1082 | Mesna ameliorates intestinal mucosa damage after ifosfamide administration in the rabbit at a dose-Related manner. <i>Journal of Surgical Research</i> , 2004, 121, 84-91. | 0.8 | 16 |
| 1083 | Increased apoptosis dependent on caspase-3 activity in polymorphonuclear leukocytes from patients with cirrhosis and ascites. <i>Journal of Hepatology</i> , 2004, 41, 44-48. | 1.8 | 26 |
| 1084 | Achacin induces cell death in HeLa cells through two different mechanisms. <i>Archives of Biochemistry and Biophysics</i> , 2004, 422, 103-109. | 1.4 | 34 |
| 1085 | Effects of nitrite on lethal and immune response of <i>Macrobrachium nipponense</i> . <i>Aquaculture</i> , 2004, 232, 679-686. | 1.7 | 97 |
| 1086 | Cadmium-induced apoptosis through the mitochondrial pathway in rainbow trout hepatocytes: involvement of oxidative stress. <i>Aquatic Toxicology</i> , 2004, 69, 247-258. | 1.9 | 97 |
| 1087 | Induction of Apoptosis by Redox-Cycling Quinones. , 2004, , 151-170. | | 12 |
| 1088 | Intestinal ischemic preconditioning: Less xanthine accumulation relates with less apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004, 9, 353-361. | 2.2 | 20 |
| 1089 | Potential Mechanisms for Altered Iron Metabolism in Human Immunodeficiency Virus Disease. <i>Journal of the Association of Nurses in AIDS Care</i> , 2004, 15, 31-45. | 0.4 | 17 |
| 1090 | Cell Killing and Radiosensitization by Caffeic Acid Phenethyl Ester (CAPE) in Lung Cancer Cells. <i>Journal of Radiation Research</i> , 2004, 45, 253-260. | 0.8 | 73 |
| 1091 | The Role of Oxygen-Free Radical in the Apoptosis of Enterocytes in Scalded Rats After Delayed Resuscitation. <i>Journal of Trauma</i> , 2004, 56, 611-617. | 2.3 | 20 |
| 1092 | Human alloantibody anti-Mart interferes with Mac-1â€“dependent leukocyte adhesion. <i>Blood</i> , 2004, 104, 727-734. | 0.6 | 49 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1093 | Dracorhodin Perchlorate Induces Apoptosis via Activation of Caspases and Generation of Reactive Oxygen Species. <i>Journal of Pharmacological Sciences</i> , 2004, 95, 273-283. | 1.1 | 29 |
| 1094 | Free Radicals and Medicine. <i>Biological Magnetic Resonance</i> , 2005, , 25-74. | 0.4 | 2 |
| 1095 | The Pivotal Role of Tumor Necrosis Factor-?? in Signaling Apoptosis in Intestinal Epithelial Cells under Shock Conditions. <i>Journal of Trauma</i> , 2005, 58, 995-1001. | 2.3 | 22 |
| 1096 | Cisatracurium, but not mivacurium, induces apoptosis in human umbilical vein endothelial cells in vitro. <i>European Journal of Anaesthesiology</i> , 2005, 22, 16-19. | 0.7 | 8 |
| 1097 | Cisatracurium, but not mivacurium, induces apoptosis in human umbilical vein endothelial cells in vitro. <i>European Journal of Anaesthesiology</i> , 2005, 22, 16-19. | 0.7 | 6 |
| 1098 | Impaired base excision repair and accumulation of oxidative base lesions in CD4+ T cells of HIV-infected patients. <i>Blood</i> , 2005, 105, 4730-4735. | 0.6 | 49 |
| 1099 | Induction of Apoptosis by Korean Medicine Gagam-whanglyun-haedoktang Through Activation of Caspase-3 in Human Leukemia Cell Line, HL-60 Cells. <i>Journal of Pharmacological Sciences</i> , 2005, 97, 138-145. | 1.1 | 16 |
| 1100 | Reduction of oxidative stress and apoptosis in hyperlipidemic rabbits by ellagic acid. <i>Journal of Nutritional Biochemistry</i> , 2005, 16, 675-681. | 1.9 | 91 |
| 1101 | Isatin-Schiff base copper(II) complexes and their influence on cellular viability. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1433-1440. | 1.5 | 86 |
| 1102 | Do platelet apoptosis, activation, aggregation, lipid peroxidation and plateletâ€“leukocyte aggregate formation occur simultaneously in hyperlipidemia?. <i>Clinical Biochemistry</i> , 2005, 38, 1081-1087. | 0.8 | 42 |
| 1103 | Curcumin Inhibits ROS Formation and Apoptosis in Methylglyoxal-Treated Human Hepatoma G2 Cells. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 372-378. | 1.8 | 88 |
| 1104 | Dogs with Hepatozoon canis respond to the oxidative stress by increased production of glutathione and nitric oxide. <i>Veterinary Parasitology</i> , 2005, 131, 15-21. | 0.7 | 34 |
| 1105 | HSP27 and cell death in spinocerebellar ataxia type 3. <i>Cerebellum</i> , 2005, 4, 31-36. | 1.4 | 5 |
| 1106 | Ischemic Preconditioning Reduces Caspase-Related Intestinal Apoptosis. <i>Surgery Today</i> , 2005, 35, 228-234. | 0.7 | 13 |
| 1107 | Differential inhibition of oxidized LDL-induced apoptosis in human endothelial cells treated with different flavonoids. <i>British Journal of Nutrition</i> , 2005, 93, 581-591. | 1.2 | 81 |
| 1108 | Reactive oxygen species in ovarian physiology. <i>Reproductive Medicine and Biology</i> , 2005, 4, 31-44. | 1.0 | 56 |
| 1109 | SOLUBLE BIO-MARKERS IN VASCULAR DISEASE: MUCH MORE THAN GAUGES OF DISEASE?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 233-240. | 0.9 | 27 |
| 1110 | Cytotoxicity and apoptosis induction of some selected marine bacteria metabolites. <i>Journal of Applied Microbiology</i> , 2005, 99, 1373-1382. | 1.4 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1111 | Mycoplasma mycoides ssp. mycoides Biotype Small Colony-Secreted Components Induce Apoptotic Cell Death in Bovine Leucocytes. Scandinavian Journal of Immunology, 2005, 62, 528-538. | 1.3 | 21 |
| 1112 | Intravenous immunoglobulin preparations promote apoptosis in lipopolysaccharide-stimulated neutrophils via an oxygen-dependent pathway in vitro. Apmsis, 2005, 113, 269-277. | 0.9 | 14 |
| 1113 | Goniothalamine induces cell cycle-specific apoptosis by modulating the redox status in MDA-MB-231 cells. European Journal of Pharmacology, 2005, 522, 20-29. | 1.7 | 64 |
| 1114 | The molecular mechanism of protecting cells against oxidative stress by 2-selenium-bridged β -cyclodextrin with glutathione peroxidase activity. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1743, 199-204. | 1.9 | 37 |
| 1115 | Reactive oxygen species-mediated induction of apoptosis by a plant alkaloid 6-methoxydihydroanguinarine in HepG2 cells. Biochemical Pharmacology, 2005, 70, 242-248. | 2.0 | 38 |
| 1116 | Antioxidant-like protein 1 is altered in non-pyramidal cells and expressed in astrocytes in the gerbil hippocampal CA1 region after transient forebrain ischemia. Brain Research, 2005, 1062, 111-119. | 1.1 | 5 |
| 1117 | Cancer-preventive isothiocyanates: dichotomous modulators of oxidative stress. Free Radical Biology and Medicine, 2005, 38, 70-77. | 1.3 | 91 |
| 1118 | Differential apoptotic and redox regulatory activities of curcumin and its derivatives. Free Radical Biology and Medicine, 2005, 38, 1353-1360. | 1.3 | 78 |
| 1119 | Distinct ROS and biochemical profiles in cells undergoing DNA damage-induced senescence and apoptosis. Mechanisms of Ageing and Development, 2005, 126, 580-590. | 2.2 | 75 |
| 1120 | Enhanced 15-HPETE production during oxidant stress induces apoptosis of endothelial cells. Prostaglandins and Other Lipid Mediators, 2005, 76, 19-34. | 1.0 | 43 |
| 1121 | Protective effects of silybin on human umbilical vein endothelial cell injury induced by H ₂ O ₂ in vitro. Vascular Pharmacology, 2005, 43, 198-206. | 1.0 | 31 |
| 1122 | Effect of resveratrol on high glucose-induced stress in human leukemia K562 cells. Journal of Cellular Biochemistry, 2005, 94, 1267-1279. | 1.2 | 41 |
| 1123 | Astrocytes protect neurons from ethanol-induced oxidative stress and apoptotic death. Journal of Neuroscience Research, 2005, 80, 655-666. | 1.3 | 92 |
| 1124 | Low dose methotrexate induces apoptosis with reactive oxygen species involvement in T lymphocytic cell lines to a greater extent than in monocytic lines. Inflammation Research, 2005, 54, 273-280. | 1.6 | 145 |
| 1125 | Resveratrol modulates gene expression associated with apoptosis, proliferation and cell cycle in cells with mutated human c-Ha-Ras, but does not alter c-Ha-Ras mRNA or protein expression. Journal of Nutritional Biochemistry, 2005, 16, 663-674. | 1.9 | 13 |
| 1126 | Hydrogen peroxide modulates meiotic cell cycle and induces morphological features characteristic of apoptosis in rat oocytes cultured in vitro. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 863-874. | 2.2 | 121 |
| 1127 | Modulation of immune cell function by polyunsaturated fatty acids. Pediatric Surgery International, 2005, 21, 335-340. | 0.6 | 32 |
| 1128 | Relationship between heat shock protein levels and infectivity in Trichinella spiralis larvae exposed to different stressors. Parasitology Research, 2005, 97, 213-218. | 0.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1129 | Differential cytotoxic effects of <i>Annona squamosa</i> seed extracts on human tumour cell lines: Role of reactive oxygen species and glutathione. <i>Journal of Biosciences</i> , 2005, 30, 237-244. | 0.5 | 53 |
| 1130 | Reactive oxygen species in ovarian physiology. <i>Reproductive Medicine and Biology</i> , 2005, 4, 31-44. | 1.0 | 75 |
| 1131 | Curcumin, a diferuloylmethane, attenuates cyclosporine-induced renal dysfunction and oxidative stress in rat kidneys. <i>BMC Pharmacology</i> , 2005, 5, 15. | 0.4 | 129 |
| 1132 | Antiproliferative effects of tree-of-heaven (<i>Ailanthus altissima</i> Swingle). <i>Phytotherapy Research</i> , 2005, 19, 226-230. | 2.8 | 36 |
| 1133 | Flow Cytometric Evaluation of Human Neutrophil Apoptosis During Nitric Oxide Generation In Vitro: The Role of Exogenous Antioxidants. <i>Mediators of Inflammation</i> , 2005, 2005, 81-87. | 1.4 | 17 |
| 1134 | Ceramide synthase is essential for endonuclease-mediated death of renal tubular epithelial cells induced by hypoxia-reoxygenation. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F308-F314. | 1.3 | 56 |
| 1135 | The pathogenesis of and susceptibility to malabsorption syndrome in broilers is associated with heterophil influx into the intestinal mucosa and epithelial apoptosis. <i>Avian Pathology</i> , 2005, 34, 402-407. | 0.8 | 18 |
| 1136 | Genomic instability in radial growth phase melanoma cell lines after ultraviolet irradiation. <i>Journal of Clinical Pathology</i> , 2005, 58, 389-396. | 1.0 | 16 |
| 1137 | High Glucose Induces Human Endothelial Cell Apoptosis Through a Phosphoinositide 3-Kinase-Regulated Cyclooxygenase-2 Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 539-545. | 1.1 | 177 |
| 1138 | Tumorigenic Poxviruses Up-Regulate Intracellular Superoxide To Inhibit Apoptosis and Promote Cell Proliferation. <i>Journal of Virology</i> , 2005, 79, 5799-5811. | 1.5 | 28 |
| 1139 | Tissue-Specific Attenuation of Endogenous DNA I-Compounds in Rats by Carcinogen Azoxymethane: Possible Role of Dietary Fish Oil in Colon Cancer Prevention. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1230-1235. | 1.1 | 9 |
| 1140 | Role of Intracellular Glutathione in Cell Sensitivity to the Apoptosis Induced by Tumor Necrosis Factor -Related Apoptosis-Inducing Ligand/Anticancer Drug Combinations. <i>Clinical Cancer Research</i> , 2005, 11, 3075-3083. | 3.2 | 45 |
| 1142 | Presence of cumulus cells during in vitro fertilization protects the bovine oocyte against oxidative stress and improves first cleavage but does not affect further development. <i>Zygote</i> , 2005, 13, 177-185. | 0.5 | 74 |
| 1143 | Production of Intracellular Superoxide Mediates Dithiothreitol- Dependent Inhibition of Apoptotic Cell Death. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 456-464. | 2.5 | 26 |
| 1144 | TRAIL-Induced Apoptosis in Human Vascular Endothelium Is Regulated by Phosphatidylinositol 3-Kinase/Akt through the Short Form of Cellular FLIP and Bcl-2. <i>Journal of Vascular Research</i> , 2005, 42, 337-347. | 0.6 | 76 |
| 1145 | Adrenodoxin (Adx) and CYP11A1 (P450 _{scc}) induce apoptosis by the generation of reactive oxygen species in mitochondria. <i>Biological Chemistry</i> , 2005, 386, 453-61. | 1.2 | 23 |
| 1146 | Molecular pathways in the chemosensitization of cisplatin by quercetin in human head and neck cancer. <i>Cancer Biology and Therapy</i> , 2005, 4, 949-955. | 1.5 | 77 |
| 1147 | Thimerosal induces neuronal cell apoptosis by causing cytochrome c and apoptosis-inducing factor release from mitochondria. <i>International Journal of Molecular Medicine</i> , 2005, 16, 971. | 1.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1148 | Expression of iron absorption genes in mouse large intestine. <i>Scandinavian Journal of Gastroenterology</i> , 2005, 40, 169-177. | 0.6 | 58 |
| 1149 | Involvement of hydroperoxide in mitochondria in the induction of apoptosis by the eicosapentaenoic acid. <i>Free Radical Research</i> , 2005, 39, 225-235. | 1.5 | 14 |
| 1150 | Primary hepatocyte apoptosis is unlikely to relate to caspase-3 activity under sustained endogenous oxidative stress. <i>Free Radical Research</i> , 2005, 39, 163-173. | 1.5 | 28 |
| 1151 | Induction of Apoptosis by 1-(2-Hydroxy-5-methylphenyl)-3-phenyl-1,3-propanedione through Reactive Oxygen Species Production, GADD153 Expression, and Caspases Activation in Human Epidermoid Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9039-9049. | 2.4 | 14 |
| 1152 | Acacetin Induces Apoptosis in Human Gastric Carcinoma Cells Accompanied by Activation of Caspase Cascades and Production of Reactive Oxygen Species. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 620-630. | 2.4 | 72 |
| 1153 | Municipal sludge leachate-induced genotoxicity in mice—a subacute study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 587, 9-15. | 0.9 | 28 |
| 1154 | Induction of apoptosis in tumor cells by naturally occurring sulfur-containing compounds. <i>Mutation Research - Reviews in Mutation Research</i> , 2005, 589, 81-102. | 2.4 | 122 |
| 1155 | Neurological impairment in fetal mouse brain by drinking water disinfectant byproducts. <i>NeuroToxicology</i> , 2005, 26, 633-640. | 1.4 | 24 |
| 1156 | Cytokines and growth factors involved in apoptosis and proliferation of vascular smooth muscle cells. <i>International Immunopharmacology</i> , 2005, 5, 1487-1506. | 1.7 | 37 |
| 1157 | Effect of glutathione depletion on apoptosis induced by thiram in Chinese hamster fibroblasts. <i>International Immunopharmacology</i> , 2005, 5, 1945-1956. | 1.7 | 33 |
| 1158 | Protection against amyloid beta-peptide (1–42)-induced loss of phospholipid asymmetry in synaptosomal membranes by tricyclodecan-9-xanthogenate (D609) and ferulic acid ethyl ester: Implications for Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1741, 140-148. | 1.8 | 69 |
| 1159 | Dynamic expression of Hsp27 in the presence of mutant ataxin-3. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 258-267. | 1.0 | 23 |
| 1160 | Growth inhibitory effect of alk(en)yl thiosulfates derived from onion and garlic in human immortalized and tumor cell lines. <i>Cancer Letters</i> , 2005, 223, 47-55. | 3.2 | 27 |
| 1161 | Effect of new antioxidant cysteinyl-flavanol conjugates on skin cancer cells. <i>FEBS Letters</i> , 2005, 579, 4219-4225. | 1.3 | 37 |
| 1162 | Cytotoxic effects induced by oxidative stress in cultured mammalian cells and protection provided by Hsp27 expression. <i>Methods</i> , 2005, 35, 126-138. | 1.9 | 105 |
| 1163 | Effects of sulfur dioxide on apoptosis-related gene expressions in lungs from rats. <i>Regulatory Toxicology and Pharmacology</i> , 2005, 43, 272-279. | 1.3 | 59 |
| 1164 | Changes in antioxidant defense systems by 2,2,5,5-tetrachlorobiphenyl exposure in neuronal SK-N-MC cells. <i>Toxicology Letters</i> , 2005, 157, 139-149. | 0.4 | 9 |
| 1165 | Protective effects of icariin on human umbilical vein endothelial cell injury induced by H ₂ O ₂ in vitro. <i>Pharmacological Research</i> , 2005, 52, 174-182. | 3.1 | 105 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1166 | Radiation-induced apoptosis in peritoneal resident macrophages of C3H mice: Selective involvement of superoxide anion, but not other reactive oxygen species. <i>International Journal of Radiation Biology</i> , 2005, 81, 459-472. | 1.0 | 8 |
| 1167 | Modulation of macrophage functions by sheeppox virus provides clues to understand interaction of the virus with host immune system. <i>Virology Journal</i> , 2005, 2, 22. | 1.4 | 7 |
| 1171 | Reattachment and Apoptosis After Plasma-Needle Treatment of Cultured Cells. <i>IEEE Transactions on Plasma Science</i> , 2006, 34, 1331-1336. | 0.6 | 146 |
| 1172 | Hyperbaric oxygen: a new drug in myocardial revascularization and protection?. <i>Cardiovascular Revascularization Medicine</i> , 2006, 7, 146-154. | 0.3 | 38 |
| 1173 | Methylmercury Induces Pancreatic β -Cell Apoptosis and Dysfunction. <i>Chemical Research in Toxicology</i> , 2006, 19, 1080-1085. | 1.7 | 88 |
| 1174 | Effect of Fenoldopam on Ischemia/Reperfusion-Induced Apoptosis. <i>Renal Failure</i> , 2006, 28, 337-344. | 0.8 | 14 |
| 1175 | Human keratinocyte radiosensitivity is linked to redox modulation. <i>Journal of Dermatological Science</i> , 2006, 41, 55-65. | 1.0 | 21 |
| 1176 | Dosage effects of resveratrol on ethanol-induced cell death in the human K562 cell line. <i>Toxicology Letters</i> , 2006, 161, 1-9. | 0.4 | 30 |
| 1177 | Human hepatocytes are protected from ethanol-induced cytotoxicity by DADS via CYP2E1 inhibition. <i>Toxicology Letters</i> , 2006, 163, 242-249. | 0.4 | 36 |
| 1178 | Effect of dietary higher level of selenium and nitrite concentration on the cellular defense response of <i>Penaeus vannamei</i> . <i>Aquaculture</i> , 2006, 256, 558-563. | 1.7 | 42 |
| 1179 | Glycoprotein isolated from <i>Gardenia jasminoides</i> Ellis has a scavenging activity against oxygen radicals and inhibits the oxygen radical-induced protein kinase C alpha and nuclear factor-kappa B in NIH/3T3 cells. <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 8-21. | 2.0 | 17 |
| 1180 | A novel antioxidant N-acetylcysteine amide prevents gp120- and Tat-induced oxidative stress in brain endothelial cells. <i>Experimental Neurology</i> , 2006, 201, 193-202. | 2.0 | 97 |
| 1181 | Dosage effects of curcumin on cell death types in a human osteoblast cell line. <i>Food and Chemical Toxicology</i> , 2006, 44, 1362-1371. | 1.8 | 92 |
| 1182 | <i>Toona sinensis</i> extracts induces apoptosis via reactive oxygen species in human premyelocytic leukemia cells. <i>Food and Chemical Toxicology</i> , 2006, 44, 1978-1988. | 1.8 | 75 |
| 1183 | Growth inhibition and induction of apoptosis in MCF-7 breast cancer cells by <i>Antrodia camphorata</i> . <i>Cancer Letters</i> , 2006, 231, 215-227. | 3.2 | 162 |
| 1184 | Metformin does not prevent DNA damage in lymphocytes despite its antioxidant properties against cumene hydroperoxide-induced oxidative stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 611, 1-8. | 0.9 | 28 |
| 1185 | Protective effect of melatonin against maternal deprivation-induced acute hippocampal damage in infant rats. <i>Neuroscience Letters</i> , 2006, 398, 145-150. | 1.0 | 17 |
| 1186 | Oxygen-induced mitochondrial biogenesis in the rat hippocampus. <i>Neuroscience</i> , 2006, 137, 493-504. | 1.1 | 51 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1187 | Folate Deprivation and Copper Exposure Potentiate Reactive Oxygen Species Generation and Chromosomal DNA Loss but not Mitochondrial DNA Deletions in Rat Hepatocytes. <i>International Journal for Vitamin and Nutrition Research</i> , 2006, 76, 332-340. | 0.6 | 1 |
| 1189 | Update of the NAD(P)H:quinone oxidoreductase (NQO) gene family. <i>Human Genomics</i> , 2006, 2, 329. | 1.4 | 146 |
| 1190 | Endothelial-cell apoptosis induced by cleaved high-molecular-weight kininogen (HKa) is matrix dependent and requires the generation of reactive oxygen species. <i>Blood</i> , 2006, 107, 4714-4720. | 0.6 | 23 |
| 1191 | Up-regulation of Fas expression by <i>Pseudomonas aeruginosa</i> -infected endothelial cells depends on modulation of iNOS and enhanced production of NO induced by bacterial type III secreted proteins. <i>International Journal of Molecular Medicine</i> , 2006, 18, 355. | 1.8 | 4 |
| 1193 | Polyenylphosphatidylcholine pretreatment ameliorates ischemic acute renal injury in rats. <i>International Journal of Urology</i> , 2006, 13, 747-753. | 0.5 | 9 |
| 1194 | Metallothionein mediates cardioprotection of isoliquiritigenin against ischemia-reperfusion through JAK2/STAT3 activation. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1431-1437. | 2.8 | 21 |
| 1195 | Male idiopathic oligoasthenoteratozoospermia. <i>Asian Journal of Andrology</i> , 2006, 8, 143-157. | 0.8 | 134 |
| 1196 | Reduced cardiac output is associated with decreased mitochondrial efficiency in the non-ischemic ventricular wall of the acute myocardial-infarcted dog. <i>Cell Research</i> , 2006, 16, 297-305. | 5.7 | 19 |
| 1197 | The permeability transition pore complex in cancer cell death. <i>Oncogene</i> , 2006, 25, 4744-4756. | 2.6 | 183 |
| 1198 | Neuroprotective Effects of Novel Cholinesterase Inhibitors Derived from Rasagiline as Potential Anti- α -Alzheimer Drugs. <i>Annals of the New York Academy of Sciences</i> , 2001, 939, 148-161. | 1.8 | 77 |
| 1199 | p53 status is a major determinant of effects of decreasing peroxiredoxin I expression on tumor growth and response of lung cancer cells to treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1461-1472. | 0.4 | 19 |
| 1200 | Cobalt(II) complexes of biologically active glutathione: Spectroscopic and molecular modeling studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 96-102. | 2.0 | 29 |
| 1201 | TNF receptor superfamily-induced cell death: redox-dependent execution. <i>FASEB Journal</i> , 2006, 20, 1589-1598. | 0.2 | 274 |
| 1202 | A sphingolipid rich lipid fraction isolated from attenuated <i>Leishmania donovani</i> promastigote induces apoptosis in mouse and human melanoma cells in vitro. <i>Molecular and Cellular Biochemistry</i> , 2006, 290, 113-123. | 1.4 | 46 |
| 1203 | The effects of exogenous melatonin on the morphology of thyrocytes in pinealectomized and irradiated rats. <i>Journal of Neural Transmission</i> , 2006, 113, 49-58. | 1.4 | 7 |
| 1204 | H ₂ O ₂ at physiological concentrations modulates Leydig cell function inducing oxidative stress and apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 39-46. | 2.2 | 71 |
| 1205 | Evaluation of caspase-dependent apoptosis during fluoride-induced liver lesion in pigs. <i>Archives of Toxicology</i> , 2006, 80, 74-80. | 1.9 | 66 |
| 1206 | Chemotherapy induces an increase in coenzyme Q10 levels in cancer cell lines. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1293-1302. | 1.3 | 61 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1207 | Early activation of bradykinin B2 receptor aggravates reactive oxygen species generation and renal damage in ischemia/reperfusion injury. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1304-1314. | 1.3 | 43 |
| 1208 | New Insights into Molecular Mechanisms of Phagocytosis in <i>Entamoeba histolytica</i> by Proteomic Analysis. <i>Archives of Medical Research</i> , 2006, 37, 244-251. | 1.5 | 36 |
| 1209 | A rapid and transient ROS generation by cadmium triggers apoptosis via caspase-dependent pathway in HepG2 cells and this is inhibited through N-acetylcysteine-mediated catalase upregulation. <i>Toxicology and Applied Pharmacology</i> , 2006, 212, 212-223. | 1.3 | 246 |
| 1210 | Maternal cholestasis induces placental oxidative stress and apoptosis. Protective effect of ursodeoxycholic acid. <i>Placenta</i> , 2006, 27, 34-41. | 0.7 | 80 |
| 1211 | Effect of <i>Curcuma longa</i> and <i>Ocimum sanctum</i> on myocardial apoptosis in experimentally induced myocardial ischemic-reperfusion injury. <i>BMC Complementary and Alternative Medicine</i> , 2006, 6, 3. | 3.7 | 41 |
| 1212 | DNA damage in bone marrow and blood cells of mice exposed to municipal sludge leachates. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 271-276. | 0.9 | 13 |
| 1213 | Possible Involvement of Oxidative Stress in Salivary Gland of Patients with Sjögren's Syndrome. <i>Pathobiology</i> , 2006, 73, 252-260. | 1.9 | 86 |
| 1214 | Ginkgolide B induces apoptosis and developmental injury in mouse embryonic stem cells and blastocysts. <i>Human Reproduction</i> , 2006, 21, 2985-2995. | 0.4 | 86 |
| 1215 | Tumor Control by Manipulation of the Human Anti-Apoptotic Survivin Gene. <i>Current Cancer Therapy Reviews</i> , 2006, 2, 73-79. | 0.2 | 11 |
| 1216 | Induction of Apoptosis via the Modulation of Reactive Oxygen Species (ROS) Production in the Treatment of Myeloid Leukemia. <i>Current Pharmaceutical Biotechnology</i> , 2006, 7, 323-329. | 0.9 | 20 |
| 1217 | Reactive Oxygen Species Production Is Involved in Quercetin-Induced Apoptosis in Human Hepatoma Cells. <i>Nutrition and Cancer</i> , 2006, 55, 201-209. | 0.9 | 45 |
| 1218 | Pro-Oxidant Milieu Blunts Scissors: Insight into Tumor Progression, Drug Resistance, and Novel Druggable Targets. <i>Current Pharmaceutical Design</i> , 2006, 12, 4469-4477. | 0.9 | 31 |
| 1219 | Cilostazol: Therapeutic Potential Against Focal Cerebral Ischemic Damage. <i>Current Pharmaceutical Design</i> , 2006, 12, 565-573. | 0.9 | 45 |
| 1220 | Ageing evokes an intrinsic pro-apoptotic signalling pathway in rat cochlea. <i>Acta Oto-Laryngologica</i> , 2006, 126, 1134-1139. | 0.3 | 28 |
| 1221 | Iron and infection: effects of host iron status and the iron-regulatory genes haptoglobin and NRAMP1 (SLC11A1) on host-pathogen interactions in tuberculosis and HIV. <i>Clinical Science</i> , 2006, 110, 503-524. | 1.8 | 77 |
| 1222 | Vegetable-derived isothiocyanates: anti-proliferative activity and mechanism of action. <i>Proceedings of the Nutrition Society</i> , 2006, 65, 68-75. | 0.4 | 82 |
| 1223 | Gentamicin Causes Apoptosis at Low Concentrations in Renal LLC-PK 1 Cells Subjected to Electroporation. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1213-1221. | 1.4 | 73 |
| 1224 | The Water Disinfectant Byproduct Dibromoacetonitrile Induces Apoptosis in Rat Intestinal Epithelial Cells: Possible Role of Redox Imbalance. <i>Toxicology Mechanisms and Methods</i> , 2006, 16, 227-234. | 1.3 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1225 | The Effect of Aminoguanidine on Blood and Tissue Lipid Peroxidation in Jaundiced Rats With Endotoxemia Induced With LPS. <i>Journal of Investigative Surgery</i> , 2006, 19, 19-30. | 0.6 | 15 |
| 1226 | Analysis of Properties of Small Heat Shock Protein Hsp25 in MAPK-activated Protein Kinase 2 (MK2)-deficient Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 26966-26975. | 1.6 | 44 |
| 1227 | Penta-Acetyl Geniposide Induce Apoptosis in C6 Glioma Cells by Modulating the Activation of Neutral Sphingomyelinase-Induced p75 Nerve Growth Factor Receptor and Protein Kinase C β Pathway. <i>Molecular Pharmacology</i> , 2006, 70, 997-1004. | 1.0 | 23 |
| 1228 | Haeamtang Induces Apoptosis of Colon Cancer HT-29 Cells through Activation of Caspase-3. <i>The American Journal of Chinese Medicine</i> , 2007, 35, 897-909. | 1.5 | 5 |
| 1229 | Role of zinc in ALS. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2007, 8, 131-143. | 2.3 | 60 |
| 1230 | Modulatory effects of N-acetyl-L-cysteine on human eosinophil apoptosis. <i>European Respiratory Journal</i> , 2007, 30, 436-442. | 3.1 | 22 |
| 1231 | Furosemide Prevents Apoptosis and Associated Gene Expression in a Rat Model of Surgical Ischemic Acute Renal Failure. <i>Renal Failure</i> , 2007, 29, 399-407. | 0.8 | 34 |
| 1232 | Tumor Necrosis Factor- α Mediates Cardiac Remodeling and Ventricular Dysfunction After Pressure Overload State. <i>Circulation</i> , 2007, 115, 1398-1407. | 1.6 | 335 |
| 1233 | p53-dependent stimulation of redox-related genes in the lymphoid organs of γ -irradiated mice identification of Haeme-oxygenase 1 as a direct p53 target gene. <i>Nucleic Acids Research</i> , 2007, 35, 6924-6934. | 6.5 | 30 |
| 1234 | Regulation of Ionizing Radiation-induced Apoptosis by Mitochondrial NADP ⁺ -dependent Isocitrate Dehydrogenase. <i>Journal of Biological Chemistry</i> , 2007, 282, 13385-13394. | 1.6 | 79 |
| 1235 | Effects of Nitric Oxide Donors on the Biological Activity of Human Neutrophils in Vitro. Review Own Studies. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 55-66. | 0.4 | 4 |
| 1236 | Myeloperoxidase Is a Key Regulator of Oxidative Stress-Mediated Apoptosis in Myeloid Leukemic Cells. <i>Clinical Cancer Research</i> , 2007, 13, 5436-5445. | 3.2 | 70 |
| 1237 | Nuclear and Mitochondrial Interaction Involving mt-Nd2 Leads to Increased Mitochondrial Reactive Oxygen Species Production*. <i>Journal of Biological Chemistry</i> , 2007, 282, 5171-5179. | 1.6 | 57 |
| 1238 | Anticonvulsants for preventing mortality and morbidity in full term newborns with perinatal asphyxia. , 2007, , CD001240. | | 55 |
| 1239 | Oxidative Stress and Cardiac Repair/Remodeling Following Infarction. <i>American Journal of the Medical Sciences</i> , 2007, 334, 197-205. | 0.4 | 74 |
| 1240 | Morphine inhibits doxorubicin-induced reactive oxygen species generation and nuclear factor κ B transcriptional activation in neuroblastoma SH-SY5Y cells. <i>Biochemical Journal</i> , 2007, 406, 215-221. | 1.7 | 67 |
| 1241 | Contrasting roles for reactive oxygen species and nitric oxide in the innate response to pulmonary infection with <i>Streptococcus pneumoniae</i> . <i>Vaccine</i> , 2007, 25, 2485-2490. | 1.7 | 20 |
| 1242 | Mechanism of tert-butylhydroperoxide induced cytotoxicity in U-937 macrophages by alteration of mitochondrial function and generation of ROS. <i>Toxicology in Vitro</i> , 2007, 21, 846-854. | 1.1 | 42 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1243 | Diepoxybutane activates the mitochondrial apoptotic pathway and mediates apoptosis in human lymphoblasts through oxidative stress. <i>Toxicology in Vitro</i> , 2007, 21, 1429-1441. | 1.1 | 31 |
| 1244 | Mitochondrial DNA repair: A critical player in the response of cells of the CNS to genotoxic insults. <i>Neuroscience</i> , 2007, 145, 1249-1259. | 1.1 | 71 |
| 1245 | Changes in immunoreactivity of HSP60 and its neuroprotective effects in the gerbil hippocampal CA1 region induced by transient ischemia. <i>Experimental Neurology</i> , 2007, 208, 247-256. | 2.0 | 22 |
| 1246 | Isoobtusilactone A-induced apoptosis in human hepatoma Hep G2 cells is mediated via increased NADPH oxidase-derived reactive oxygen species (ROS) production and the mitochondria-associated apoptotic mechanisms. <i>Food and Chemical Toxicology</i> , 2007, 45, 1268-1276. | 1.8 | 49 |
| 1247 | Zinc, antioxidant systems and metallothionein in metal mediated-apoptosis: Biochemical and cytochemical aspects. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 443-459. | 1.3 | 164 |
| 1248 | Superoxide anion: Oncogenic reactive oxygen species?. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1297-1304. | 1.2 | 143 |
| 1249 | Induction and modulation of apoptosis in neonatal monocytes by polyunsaturated fatty acids. <i>Journal of Pediatric Surgery</i> , 2007, 42, 620-628. | 0.8 | 16 |
| 1250 | Antioxidant activities of Sophora subprostrate polysaccharide in immunosuppressed mice. <i>International Immunopharmacology</i> , 2007, 7, 547-553. | 1.7 | 43 |
| 1251 | Developmental exposure to pesticides zineb and/or endosulfan renders the nigrostriatal dopamine system more susceptible to these environmental chemicals later in life. <i>NeuroToxicology</i> , 2007, 28, 727-735. | 1.4 | 52 |
| 1252 | The Effects of Propofol on Cardiac Function After 4 Hours of Cold Cardioplegia and Reperfusion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2007, 21, 678-682. | 0.6 | 8 |
| 1253 | Vitamin E in Chronic Liver Diseases and Liver Fibrosis. <i>Vitamins and Hormones</i> , 2007, 76, 551-573. | 0.7 | 36 |
| 1254 | Mechanisms of Disease: hydrogen peroxide, DNA damage and mutagenesis in the development of thyroid tumors. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007, 3, 713-720. | 2.9 | 106 |
| 1255 | The importance of folate, zinc and antioxidants in the pathogenesis and prevention of subfertility. <i>Human Reproduction Update</i> , 2007, 13, 163-174. | 5.2 | 393 |
| 1256 | Acidic Triterpenes Compromise Growth and Survival of Astrocytoma Cell Lines by Regulating Reactive Oxygen Species Accumulation. <i>Cancer Research</i> , 2007, 67, 3741-3751. | 0.4 | 114 |
| 1257 | Helicobacter pylori Infection Induces Oxidative Stress and Programmed Cell Death in Human Gastric Epithelial Cells. <i>Infection and Immunity</i> , 2007, 75, 4030-4039. | 1.0 | 173 |
| 1258 | Grape Seed Polyphenols Protect Cardiac Cells from Apoptosis via Induction of Endogenous Antioxidant Enzymes. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 1695-1701. | 2.4 | 150 |
| 1259 | Tribulus terrestris. Fruit Extract Protects Against Oxidative Stress-Induced Apoptosis. <i>Pharmaceutical Biology</i> , 2007, 45, 619-625. | 1.3 | 5 |
| 1260 | Homocysteine and Parkinson's disease: A dangerous liaison?. <i>Journal of the Neurological Sciences</i> , 2007, 257, 31-37. | 0.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1261 | Activation of de Novo Synthetic Pathway of Ceramides is Responsible for the Initiation of Hydrogen Peroxide-induced Apoptosis in HI-60 Cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 1310-1318. | 1.1 | 13 |
| 1262 | DNA Binding Studies of Novel Copper(II) Complexes Containing L-Tryptophan as Chiral Auxiliary: In Vitro Antitumor Activity of Cu ²⁺ Sn ²⁺ Complex in Human Neuroblastoma Cells. <i>Inorganic Chemistry</i> , 2007, 46, 3072-3082. | 1.9 | 267 |
| 1263 | Blockade of Oxidative Stress by Vitamin C Ameliorates Albuminuria and Renal Sclerosis in Experimental Diabetic Rats. <i>Yonsei Medical Journal</i> , 2007, 48, 847. | 0.9 | 49 |
| 1264 | The Signaling Cascades of Ginkgolide B-Induced Apoptosis in MCF-7 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2007, 8, 1177-1195. | 1.8 | 11 |
| 1265 | Erythropoietin Protects the Intestine Against Ischemia/Reperfusion Injury in Rats. <i>Molecular Medicine</i> , 2007, 13, 509-517. | 1.9 | 100 |
| 1266 | The Selection of Serum-independent PC12 Cells for a More-reliable Manganese Cytotoxicity Test. <i>ATLA Alternatives To Laboratory Animals</i> , 2007, 35, 387-395. | 0.7 | 0 |
| 1267 | Cytotoxic and Apoptosis-Inducing Properties of Auriculoside A in Tumor Cells. <i>Chemistry and Biodiversity</i> , 2007, 4, 887-892. | 1.0 | 30 |
| 1268 | Apoptotic signaling in methylglyoxal-treated human osteoblasts involves oxidative stress, c-Jun N-terminal kinase, caspase-3, and p21-activated kinase 2. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 1056-1069. | 1.2 | 224 |
| 1269 | Effect of fluoride intoxication on endometrial apoptosis and lipid peroxidation in rats: Role of vitamins E and C. <i>Toxicology</i> , 2007, 231, 215-223. | 2.0 | 36 |
| 1270 | Effect of low intensity laser interaction with human skin fibroblast cells using fiber-optic nano-probes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 86, 252-261. | 1.7 | 56 |
| 1271 | Differential sensitivity of naïve and subsets of memory CD4 ⁺ and CD8 ⁺ T cells to hydrogen peroxide-induced apoptosis. <i>Genes and Immunity</i> , 2007, 8, 560-569. | 2.2 | 23 |
| 1272 | Photoperiod-induced apoptosis in the male genital tract epithelia of the golden hamster. <i>Journal of Developmental and Physical Disabilities</i> , 2007, 30, 73-79. | 3.6 | 7 |
| 1273 | Role of c-Fos/JunD in protecting stress-induced cell death. <i>Cell Proliferation</i> , 2007, 40, 431-444. | 2.4 | 47 |
| 1274 | Mechanisms of neutrophil death in human immunodeficiency virus-infected patients: role of reactive oxygen species, caspases and map kinase pathways. <i>Clinical and Experimental Immunology</i> , 2007, 150, 539-545. | 1.1 | 28 |
| 1275 | Efficacy of zinc treatment against iron-induced toxicity in rat hepatoma cell line H4-II-E-C3. <i>Liver International</i> , 2007, 27, 120-7. | 1.9 | 22 |
| 1276 | Plasmatic vitamin C in nontreated hepatitis C patients is negatively associated with aspartate aminotransferase. <i>Liver International</i> , 2008, 28, 54-60. | 1.9 | 12 |
| 1277 | Induction of Apoptosis by Ginger in HEP-2 Cell Line Is Mediated by Reactive Oxygen Species. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 100, 302-307. | 1.2 | 50 |
| 1278 | Superoxide dismutase, catalase, and glutathione peroxidase in the testis of the Mexican big-eared bat (<i>Corynorhinus mexicanus</i>) during its annual reproductive cycle. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 150-158. | 0.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1279 | Oxalomalate regulates ionizing radiation-induced apoptosis in mice. <i>Free Radical Biology and Medicine</i> , 2007, 42, 44-51. | 1.3 | 19 |
| 1280 | Bradykinin enhances reactive oxygen species generation, mitochondrial injury, and cell death induced by ATP depletion—A role of the phospholipase C α_2 pathway. <i>Free Radical Biology and Medicine</i> , 2007, 43, 702-710. | 1.3 | 11 |
| 1281 | Small interfering RNA-mediated silencing of mitochondrial NADP ⁺ -dependent isocitrate dehydrogenase enhances the sensitivity of HeLa cells toward tumor necrosis factor- α and anticancer drugs. <i>Free Radical Biology and Medicine</i> , 2007, 43, 1197-1207. | 1.3 | 45 |
| 1282 | Increased lipid peroxidation and neuron specific enolase in treatment refractory schizophrenics. <i>Journal of Psychiatric Research</i> , 2007, 41, 652-658. | 1.5 | 46 |
| 1283 | Effects of an autocrine factor deficit on the survival and energy metabolism of CTLL-2 cells under oxidative stress conditions in culture. <i>Cell and Tissue Biology</i> , 2007, 1, 235-243. | 0.2 | 1 |
| 1284 | Dosage Effects of Ginkgolide B on Ethanol-Induced Cell Death in Human Hepatoma G2 Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1095, 388-398. | 1.8 | 22 |
| 1285 | Epigallocatechin Gallate Dose-Dependently Induces Apoptosis or Necrosis in Human MCF-7 Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1095, 428-440. | 1.8 | 48 |
| 1286 | Formulation of Benzoporphyrin Derivatives in Pluronics ® . <i>Photochemistry and Photobiology</i> , 2007, 77, 299-303. | 1.3 | 3 |
| 1287 | The effect of melatonin on endotoxemia-induced intestinal apoptosis and oxidative stress in infant rats. <i>Intensive Care Medicine</i> , 2007, 33, 511-516. | 3.9 | 34 |
| 1288 | Periods of systemic partial hypoxia induces apoptosis and inflammation in rat skeletal muscle. <i>Molecular and Cellular Biochemistry</i> , 2007, 302, 51-58. | 1.4 | 16 |
| 1289 | Dietary Glutamine Supplementation Prevents Mucosal Injury and Modulates Intestinal Epithelial Restitution Following Ischemia-Reperfusion Injury in the Rat. <i>Digestive Diseases and Sciences</i> , 2007, 52, 1497-1504. | 1.1 | 31 |
| 1290 | Alteration of mitochondrial function and cell sensitization to death. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 23-30. | 1.0 | 32 |
| 1291 | Copper-1,10-Phenanthroline-Induced Apoptosis in Liver Carcinoma Bel-7402 Cells Associates with Copper Overload, Reactive Oxygen Species Production, Glutathione Depletion and Oxidative DNA Damage. <i>BioMetals</i> , 2007, 20, 1-11. | 1.8 | 52 |
| 1292 | Increased ROS generation and p53 activation in α -lipoic acid-induced apoptosis of hepatoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 113-123. | 2.2 | 135 |
| 1293 | Effect of xanthohumol and isoxanthohumol on 3T3-L1 cell apoptosis and adipogenesis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1953-1963. | 2.2 | 94 |
| 1294 | Inhibition of UVA-induced apoptotic signaling pathway by polypeptide from <i>Chlamys farreri</i> in human HaCaT keratinocytes. <i>Radiation and Environmental Biophysics</i> , 2007, 46, 263-268. | 0.6 | 17 |
| 1295 | Neuroprotective effects of tetramethylpyrazine on hydrogen peroxide-induced apoptosis in PC12 cells. <i>Cell Biology International</i> , 2007, 31, 438-443. | 1.4 | 87 |
| 1296 | Correlation of oxidative status with BMI and lung function in COPD. <i>Clinical Biochemistry</i> , 2007, 40, 958-963. | 0.8 | 48 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1297 | The generation and inactivation mechanism of oxidationâ€“reduction potential of electrolyzed oxidizing water. <i>Journal of Food Engineering</i> , 2007, 78, 1326-1332. | 2.7 | 196 |
| 1298 | Role of lipid peroxidation and oxidative stress in the association between thyroid diseases and breast cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2008, 68, 107-114. | 2.0 | 21 |
| 1299 | Decreased glutathione levels potentiate the apoptotic efficacy of selenium: possible involvement of p38 and JNK MAPKsâ€“in vitro studies. <i>Molecular and Cellular Biochemistry</i> , 2008, 309, 21-32. | 1.4 | 27 |
| 1300 | Protective potential of SCF for mice preimplantation embryos cultured in vitro in suboptimal conditions. <i>Journal of Assisted Reproduction and Genetics</i> , 2008, 25, 395-402. | 1.2 | 3 |
| 1301 | Curcumin attenuates indomethacin-induced oxidative stress and mitochondrial dysfunction. <i>Archives of Toxicology</i> , 2008, 82, 471-481. | 1.9 | 44 |
| 1302 | Protection against hydrogen peroxide-induced injury by Z-ligustilide in PC12 cells. <i>Experimental Brain Research</i> , 2008, 184, 307-312. | 0.7 | 112 |
| 1303 | Biological significance of myeloperoxidase (MPO) on green tea component, (âˆ“)â€“epigallocatechin-3-gallate (EGCG)-induced apoptosis: its therapeutic potential for myeloid leukemia. <i>Targeted Oncology</i> , 2008, 3, 45-50. | 1.7 | 5 |
| 1304 | Effect of 100% oxygen on E-selectin expression, recruitment of neutrophils and enterocyte apoptosis following intestinal ischemia-reperfusion in a rat. <i>Pediatric Surgery International</i> , 2008, 24, 29-35. | 0.6 | 18 |
| 1305 | The apoptotic response to strenuous exercise of the gastrocnemius and solues muscle fibers in rats. <i>European Journal of Applied Physiology</i> , 2008, 102, 515-524. | 1.2 | 53 |
| 1306 | Signaling pathways of bisphenol Aâ€“induced apoptosis in hippocampal neuronal cells: Role of calciumâ€“induced reactive oxygen species, mitogenâ€“activated protein kinases, and nuclear factorâ€“Î². <i>Journal of Neuroscience Research</i> , 2008, 86, 2932-2942. | 1.3 | 136 |
| 1307 | Citrinin induces apoptosis in mouse embryonic stem cells. <i>IUBMB Life</i> , 2008, 60, 171-179. | 1.5 | 29 |
| 1308 | Inhibition by vitamin C of apoptosis induced by <i>N</i> -nitrosamines in HepG2 and HLâ€“60 cells. <i>Journal of Applied Toxicology</i> , 2008, 28, 788-796. | 1.4 | 10 |
| 1309 | A new selection criterion to assess good quality ovine blastocysts after vitrification and to predict their transfer into recipients. <i>Molecular Reproduction and Development</i> , 2008, 75, 373-382. | 1.0 | 29 |
| 1310 | Diet supplement CoQ ₁₀ delays brain atrophy in aged transgenic mice with mutations in the amyloid precursor protein: An <i>in vivo</i> volume MRI study. <i>BioFactors</i> , 2008, 32, 169-178. | 2.6 | 31 |
| 1311 | Role of Increased ROS Dissipation in Prevention of T1D. <i>Annals of the New York Academy of Sciences</i> , 2008, 1150, 157-166. | 1.8 | 39 |
| 1312 | Cystamine prevents haloperidolâ€“induced decrease of BDNF/TrkB signaling in mouse frontal cortex. <i>Journal of Neurochemistry</i> , 2008, 107, 941-951. | 2.1 | 31 |
| 1313 | Enhanced generation of reactive oxygen species in monocytes from patients with common variable immunodeficiency. <i>Clinical and Experimental Immunology</i> , 2008, 97, 232-238. | 1.1 | 30 |
| 1314 | The requirement of reactive oxygen intermediates for lymphocytic choriomeningitis virus binding and growth. <i>Virology</i> , 2008, 379, 205-212. | 1.1 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1315 | Commonalities of genetic resistance to spontaneous autoimmune and free radical-mediated diabetes. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1263-1270. | 1.3 | 18 |
| 1316 | Rapid reactive oxygen species (ROS) generation induced by curcumin leads to caspase-dependent and -independent apoptosis in L929 cells. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1403-1412. | 1.3 | 215 |
| 1317 | Evaluation of induction of metallothionein-like proteins (MTLPs) in the polychaetes for biomonitoring of heavy metal pollution in marine sediments. <i>Marine Pollution Bulletin</i> , 2008, 57, 544-551. | 2.3 | 39 |
| 1318 | Toxicogenomics of arsenic: Classical ideas and recent advances. <i>Mutation Research - Reviews in Mutation Research</i> , 2008, 659, 293-301. | 2.4 | 70 |
| 1319 | Near-infrared light via light-emitting diode treatment is therapeutic against rotenone- and 1-methyl-4-phenylpyridinium ion-induced neurotoxicity. <i>Neuroscience</i> , 2008, 153, 963-974. | 1.1 | 140 |
| 1320 | Induction of Apoptosis by KI0477959 through Activation of Caspase-3 in Human Leukemia Cell Line, HL-60 Cells. <i>International Journal of Neuroscience</i> , 2008, 118, 1384-1399. | 0.8 | 1 |
| 1321 | Pre-eclampsia "a disease of oxidative stress resulting from the catabolism of DNA (primarily fetal) to uric acid by xanthine oxidase in the maternal liver: A hypothesis. <i>Bioscience Hypotheses</i> , 2008, 1, 35-43. | 0.2 | 17 |
| 1322 | Inhibition of receptor-mediated apoptosis upon Bcl-2 overexpression is not associated with increased antioxidant status. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 145-150. | 1.0 | 3 |
| 1323 | Effects of Carvedilol on Left Ventricular Function and Oxidative Stress in Infants and Children with Idiopathic Dilated Cardiomyopathy: A 12-Month, Two-Center, Open-Label Study. <i>Clinical Therapeutics</i> , 2008, 30, 702-714. | 1.1 | 39 |
| 1324 | Effect of Melatonin on Testicular Damage in Streptozotocin-Induced Diabetes Rats. <i>European Surgical Research</i> , 2008, 40, 354-360. | 0.6 | 159 |
| 1325 | Differential gene expression in cumulus cells as a prognostic indicator of embryo viability: a microarray analysis. <i>Molecular Human Reproduction</i> , 2008, 14, 157-168. | 1.3 | 150 |
| 1326 | Phagocytosis of <i>Borrelia burgdorferi</i> , the Lyme Disease Spirochete, Potentiates Innate Immune Activation and Induces Apoptosis in Human Monocytes. <i>Infection and Immunity</i> , 2008, 76, 56-70. | 1.0 | 89 |
| 1327 | Involvement of Selective Reactive Oxygen Species Upstream of Proapoptotic Branches of Unfolded Protein Response. <i>Journal of Biological Chemistry</i> , 2008, 283, 4252-4260. | 1.6 | 182 |
| 1329 | Mechanisms and Immunological Roles of Apoptosis in Molluscs. <i>Current Pharmaceutical Design</i> , 2008, 14, 131-137. | 0.9 | 112 |
| 1330 | Blockade of Chronic High Glucose-Induced Endothelial Apoptosis by <i>Sasa borealis</i> Bamboo Extract. <i>Experimental Biology and Medicine</i> , 2008, 233, 580-591. | 1.1 | 37 |
| 1331 | mt-Nd2 Suppresses Reactive Oxygen Species Production by Mitochondrial Complexes I and III. <i>Journal of Biological Chemistry</i> , 2008, 283, 10690-10697. | 1.6 | 47 |
| 1332 | Reactive Oxygen Species Mediate Oridonin-Induced HepG2 Apoptosis Through p53, MAPK, and Mitochondrial Signaling Pathways. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 370-379. | 1.1 | 123 |
| 1333 | Caffeine Induces Cell Death via Activation of Apoptotic Signal and Inactivation of Survival Signal in Human Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2008, 9, 698-718. | 1.8 | 90 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1334 | Perfusion of Renal Allografts With Verapamil Improves Graft Function. <i>Transplantation</i> , 2008, 86, 1463-1467. | 0.5 | 13 |
| 1335 | Blockade of Nitroxidative Stress by Roasted Licorice Extracts in High Glucose-exposed Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 52, 344-354. | 0.8 | 14 |
| 1336 | Diminished Primary CD8 T Cell Response to Viral Infection during Protein Energy Malnutrition in Mice Is Due to Changes in Microenvironment and Low Numbers of Viral-Specific CD8 T Cell Precursors ³ . <i>Journal of Nutrition</i> , 2008, 138, 806-812. | 1.3 | 27 |
| 1337 | Morphological changes and hypoglycemic effects of <i>Annona muricata</i> linn. (annonaceae) leaf aqueous extract on pancreatic β^2 -cells of streptozotocin-treated diabetic rats. <i>African Journal Biomedical Research</i> , 2009, 9, . | 0.2 | 34 |
| 1338 | Role of peroxynitrite in the redox regulation of cell signal transduction pathways. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4809. | 3.0 | 181 |
| 1339 | CTGF and chronic kidney fibrosis. <i>Frontiers in Bioscience - Scholar</i> , 2009, S1, 132-141. | 0.8 | 58 |
| 1340 | How Phagocytes Track Down and Respond to Apoptotic Cells. <i>Critical Reviews in Immunology</i> , 2009, 29, 111-130. | 1.0 | 38 |
| 1341 | Pyruvate prevents aging of mouse oocytes. <i>Reproduction</i> , 2009, 138, 223-234. | 1.1 | 45 |
| 1342 | Cardioprotective effects of benazepril, an angiotensin-converting enzyme inhibitor, in an ischaemia-reperfusion model of myocardial infarction in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2009, 10, 201-209. | 1.0 | 10 |
| 1343 | The effect of edaravone on plasma monocyte chemoattractant protein-1 levels in patients with acute myocardial infarction. <i>Journal of Cardiology</i> , 2009, 54, 416-424. | 0.8 | 20 |
| 1344 | Effects of Positive Iron Status at a Cellular Level. <i>Nutrition Reviews</i> , 1996, 54, 85-88. | 2.6 | 125 |
| 1345 | Sod2 knockdown in the musculature has whole-organism consequences in <i>Drosophila</i> . <i>Free Radical Biology and Medicine</i> , 2009, 47, 803-813. | 1.3 | 40 |
| 1346 | HIV-1 transforms the monocyte plasma membrane proteome. <i>Cellular Immunology</i> , 2009, 258, 44-58. | 1.4 | 25 |
| 1347 | Antiapoptotic effects of dietary antioxidants towards <i>N</i> -nitrosopiperidine and <i>N</i> -nitrosodibutylamine-induced apoptosis in HL60 and HepG2 cells. <i>Journal of Applied Toxicology</i> , 2009, 29, 403-413. | 1.4 | 20 |
| 1348 | Apoptosis-inducing factor plays a critical role in caspase-independent, pyknotic cell death in hydrogen peroxide-exposed cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 796-808. | 2.2 | 58 |
| 1349 | Radioprotective effect of dl- α -lipoic acid on mice skin fibroblasts. <i>Cell Biology and Toxicology</i> , 2009, 25, 331-340. | 2.4 | 19 |
| 1350 | Implications of oxidative stress in the pathophysiology of obstructive uropathy. <i>Urological Research</i> , 2009, 37, 19-26. | 1.5 | 27 |
| 1351 | Effect of intermittent starvation on growth and some antioxidant indexes of <i>Macrobrachium nipponense</i> (De Haan). <i>Aquaculture Research</i> , 2009, 40, 526-532. | 0.9 | 53 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1352 | Modulation of Lipid Metabolism by <i>Centella Asiatica</i> in Oxidative Stress Rats. <i>Journal of Food Science</i> , 2009, 74, H72-8. | 1.5 | 15 |
| 1353 | Induction of oxidative stress and apoptosis by pentachlorophenol in primary cultures of <i>Carassius carassius</i> hepatocytes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 179-185. | 1.3 | 28 |
| 1354 | Fas Expression in Conjunctival Epithelial Cells of Patients With Cystic Fibrosis. <i>Journal of Interferon and Cytokine Research</i> , 2009, 29, 735-740. | 0.5 | 4 |
| 1355 | SO ₂ inhalation induces protein oxidation, DNA-protein crosslinks and apoptosis in rat hippocampus. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 879-884. | 2.9 | 42 |
| 1356 | A thioredoxin with antioxidant activity identified from <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2009, 26, 716-723. | 1.6 | 43 |
| 1357 | Selenite causes cytotoxicity in rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes by inducing oxidative stress. <i>Toxicology in Vitro</i> , 2009, 23, 1249-1258. | 1.1 | 91 |
| 1358 | Alleviating the Ischemia-Reperfusion Injury of Donor Liver by Transfection of Exogenous hTERT Genes. <i>Transplantation Proceedings</i> , 2009, 41, 1499-1503. | 0.3 | 3 |
| 1359 | The antioxidant, taurine reduced lipopolysaccharide (LPS)-induced generation of ROS, and activation of MAPKs and Bax in cultured pneumocytes. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 562-566. | 1.1 | 33 |
| 1360 | Protective effect of a <i>Potentilla anserine</i> polysaccharide on oxidative damages in mice. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 279-283. | 3.6 | 39 |
| 1361 | Oxidative stress and metabolic syndrome. <i>Life Sciences</i> , 2009, 84, 705-712. | 2.0 | 691 |
| 1362 | Cardiac damage in acute organophosphate poisoning in rats: Effects of atropine and pralidoxime. <i>American Journal of Emergency Medicine</i> , 2009, 27, 169-175. | 0.7 | 21 |
| 1363 | Metal stress induces programmed cell death in aquatic fungi. <i>Aquatic Toxicology</i> , 2009, 92, 264-270. | 1.9 | 27 |
| 1365 | FOCUS ON PLASMA MEDICINE. <i>New Journal of Physics</i> , 2009, 11, 115011. | 1.2 | 206 |
| 1366 | Antioxidants in the prevention of myocardial ischemia/reperfusion injury. <i>Expert Review of Clinical Pharmacology</i> , 2009, 2, 673-695. | 1.3 | 20 |
| 1367 | Silencing of cytosolic NADP ⁺ -dependent isocitrate dehydrogenase by small interfering RNA enhances the sensitivity of HeLa cells toward staurosporine. <i>Free Radical Research</i> , 2009, 43, 165-173. | 1.5 | 16 |
| 1368 | 9-cis-canthalaxanthin exhibits higher pro-apoptotic activity than all-trans-canthalaxanthin isomer in THP-1 macrophage cells. <i>Free Radical Research</i> , 2009, 43, 100-105. | 1.5 | 8 |
| 1369 | The role of oxygen-free radical in the apoptosis of enterocytes and bacterial translocation in abdominal compartment syndrome. <i>Free Radical Research</i> , 2009, 43, 470-477. | 1.5 | 15 |
| 1370 | Effect of allopurinol on damage caused by free radicals to cryptorchid testes. <i>Acta Histochemica</i> , 2009, 111, 127-137. | 0.9 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1371 | Early lipopolysaccharide-induced reactive oxygen species production evokes necrotic cell death in human umbilical vein endothelial cells. <i>Journal of Hypertension</i> , 2009, 27, 1202-1216. | 0.3 | 94 |
| 1372 | Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. <i>Protein and Peptide Letters</i> , 2009, 16, 908-912. | 0.4 | 33 |
| 1373 | Role of Statins in Diabetes Complications. <i>Current Diabetes Reviews</i> , 2009, 5, 165-170. | 0.6 | 9 |
| 1374 | Comparison of the effect of propofol and N-acetyl cysteine in preventing ischaemiaâ€“reperfusion injury. <i>European Journal of Anaesthesiology</i> , 2009, 26, 279-284. | 0.7 | 37 |
| 1375 | Diabetes and Antioxidants: Myth or Reality?. <i>Current Vascular Pharmacology</i> , 2010, 8, 661-672. | 0.8 | 22 |
| 1376 | The induction of G2/M cell-cycle arrest and apoptosis by cucurbitacin E is associated with increased phosphorylation of eIF2 β in leukemia cells. <i>Anti-Cancer Drugs</i> , 2010, 21, 389-400. | 0.7 | 27 |
| 1377 | Metalexyl fungicide induced oxidative stress and apoptosis in mouse thymus: the effect of antox. <i>International Journal of Immunological Studies</i> , 2010, 1, 135. | 0.2 | 3 |
| 1378 | Acute oxidant damage promoted on cancer cells by amitriptyline in comparison with some common chemotherapeutic drugs. <i>Anti-Cancer Drugs</i> , 2010, 21, 932-944. | 0.7 | 40 |
| 1379 | The ATP-Binding Cassette Transporter BCRP1/ABCG2 Plays a Pivotal Role in Cardiac Repair After Myocardial Infarction Via Modulation of Microvascular Endothelial Cell Survival and Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2128-2135. | 1.1 | 37 |
| 1380 | Diabetes-induced Testicular Disorders Vis-a-vis Germ Cell Apoptosis in Albino Rat: Remedial Effect of Hexane Fraction of Root of <i>Musa paradisiaca</i> and Leaf of <i>Coccoloba indica</i> . <i>Journal of Health Science</i> , 2010, 56, 641-654. | 0.9 | 20 |
| 1381 | Decursin Prevents Cisplatin-Induced Apoptosis via the Enhancement of Antioxidant Enzymes in Human Renal Epithelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1279-1284. | 0.6 | 28 |
| 1382 | Antioxidants, vitamin C and dithiothreitol, activate membrane-bound guanylate cyclase in PC12 cells. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 243-247. | 1.2 | 8 |
| 1383 | Elevated scrotal temperature, but not varicocele grade, reflects testicular oxidative stress-mediated apoptosis. <i>World Journal of Urology</i> , 2010, 28, 359-364. | 1.2 | 156 |
| 1384 | Effects of Selenium on the Antioxidant Enzymes Response of <i>Neocaridina heteropoda</i> Exposed to Ambient Nitrite. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 112-117. | 1.3 | 17 |
| 1385 | Tributyltin toxicity in abalone (<i>Haliotis diversicolor supertexta</i>) assessed by antioxidant enzyme activity, metabolic response, and histopathology. <i>Journal of Hazardous Materials</i> , 2010, 183, 428-433. | 6.5 | 49 |
| 1386 | The Ruthenium Complex cis-(Dichloro)tetraammineruthenium(III) Chloride Presents Selective Cytotoxicity Against Murine B Cell Lymphoma (A-20), Murine Ascitic Sarcoma 180 (S-180), Human Breast Adenocarcinoma (SK-BR-3), and Human T Cell Leukemia (Jurkat) Tumor Cell Lines. <i>Biological Trace Element Research</i> . 2010. 135. 98-111. | 1.9 | 18 |
| 1387 | The oxidative stress: endoplasmic reticulum stress axis in cadmium toxicity. <i>BioMetals</i> , 2010, 23, 941-950. | 1.8 | 113 |
| 1388 | Regulation of isocyanate-induced apoptosis, oxidative stress, and inflammation in cultured human neutrophils. <i>Cell Biology and Toxicology</i> , 2010, 26, 279-291. | 2.4 | 38 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1389 | Opuntia humifusa Partitioned Extracts Inhibit the Growth of U87MG Human Glioblastoma Cells. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 247-252. | 1.4 | 39 |
| 1390 | Involvement of non-protein thiols, mitochondrial dysfunction, reactive oxygen species and p53 in honey-induced apoptosis. <i>Investigational New Drugs</i> , 2010, 28, 624-633. | 1.2 | 72 |
| 1391 | 3-(4-(Benzo[d]thiazol-2-yl)-1-phenyl-1H-pyrazol-3-yl) phenyl acetate induced Hep G2 cell apoptosis through a ROS-mediated pathway. <i>Chemico-Biological Interactions</i> , 2010, 183, 341-348. | 1.7 | 40 |
| 1392 | ROS mediated cytotoxicity of porcine adrenocortical cells induced by QdNOs derivatives in vitro. <i>Chemico-Biological Interactions</i> , 2010, 185, 227-234. | 1.7 | 81 |
| 1393 | Role of environmental factors in axial skeletal dysmorphogenesis. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2010, 90, 118-132. | 3.6 | 34 |
| 1394 | Naturally occurring asteriscunolide A induces apoptosis and activation of mitogen-activated protein kinase pathway in human tumor cell lines. <i>Molecular Carcinogenesis</i> , 2010, 49, 488-499. | 1.3 | 25 |
| 1395 | Transferrin mediated solid lipid nanoparticles containing curcumin: Enhanced in vitro anticancer activity by induction of apoptosis. <i>International Journal of Pharmaceutics</i> , 2010, 398, 190-203. | 2.6 | 236 |
| 1396 | Evaluation of apoptosis regulatory markers in androgenetic alopecia. <i>Journal of Cosmetic Dermatology</i> , 2010, 9, 267-275. | 0.8 | 8 |
| 1397 | Role of reactive oxygen species in brucein D-mediated p38-mitogen-activated protein kinase and nuclear factor- κ B signalling pathways in human pancreatic adenocarcinoma cells. <i>British Journal of Cancer</i> , 2010, 102, 583-593. | 2.9 | 59 |
| 1398 | $\hat{\pm}$ -LIPOIC ACID AS A POTENTIAL TARGET FOR THE TREATMENT OF LUNG INJURY CAUSED BY CECAL LIGATION AND PUNCTURE-INDUCED SEPSIS MODEL IN RATS. <i>Shock</i> , 2010, 33, 479-484. | 1.0 | 62 |
| 1399 | Role of Nitric Oxide in the Regulation of Superoxide Dismutase and Prostaglandin F ₂ .ALPHA. Production in Bovine Luteal Endothelial Cells. <i>Journal of Reproduction and Development</i> , 2010, 56, 454-459. | 0.5 | 9 |
| 1400 | Taurine reduces FK506-induced generation of ROS and activation of JNK and Bax in Madin Darby canine kidney cells. <i>Human and Experimental Toxicology</i> , 2010, 29, 627-633. | 1.1 | 14 |
| 1401 | Sodium metabisulfite induces lipid peroxidation and apoptosis in rat gastric tissue. <i>Toxicology and Industrial Health</i> , 2010, 26, 425-431. | 0.6 | 25 |
| 1402 | Protective Effects of Kaempferol (3,4,5,7-tetrahydroxyflavone) against Amyloid Beta Peptide (A β 2)-Induced Neurotoxicity in ICR Mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 397-401. | 0.6 | 76 |
| 1403 | Cell Density Plays a Critical Role in Ex Vivo Expansion of T Cells for Adoptive Immunotherapy. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-13. | 3.0 | 40 |
| 1404 | New in vitro effects of clopidogrel on platelets in hyperlipidemic and healthy subjects. <i>Turkish Journal of Haematology</i> , 2010, 27, 99-108. | 0.2 | 2 |
| 1405 | Possible implication of oxidative stress in anti filarial effect of certain traditionally used medicinal plants in vitro against <i>Brugia malayi</i> microfilariae. <i>Pharmacognosy Research (discontinued)</i> , 2010, 2, 350. | 0.3 | 11 |
| 1406 | Ginkgo biloba extract (EGb761) protects against aging-related caspase-mediated apoptosis in rat cochlea. <i>Acta Oto-Laryngologica</i> , 2010, 130, 1101-1112. | 0.3 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1407 | Protective effects of prostaglandin E1 on human umbilical vein endothelial cell injury induced by hydrogen peroxide. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 485-492. | 2.8 | 30 |
| 1408 | Human aging and CD31 ⁺ T-cell number, migration, apoptotic susceptibility, and telomere length. <i>Journal of Applied Physiology</i> , 2010, 109, 1756-1761. | 1.2 | 23 |
| 1409 | Knockdown of sensitive to apoptosis gene by small interfering RNA enhances the sensitivity of PC3 cells toward actinomycin D and etoposide. <i>Free Radical Research</i> , 2010, 44, 864-870. | 1.5 | 3 |
| 1410 | Antiapoptotic potential of herbal drugs in cardiovascular disorders: An overview. <i>Pharmaceutical Biology</i> , 2010, 48, 358-374. | 1.3 | 9 |
| 1411 | Effect of High-Dose Vitamin C on Oxygen Free Radical Production and Myocardial Enzyme after Tourniquet Ischaemiaâ€“Reperfusion Injury during Bilateral Total Knee Replacement. <i>Journal of International Medical Research</i> , 2010, 38, 1519-1529. | 0.4 | 18 |
| 1412 | Curculigoside attenuates human umbilical vein endothelial cell injury induced by H ₂ O ₂ . <i>Journal of Ethnopharmacology</i> , 2010, 132, 233-239. | 2.0 | 53 |
| 1413 | Rosmarinic acid sensitizes cell death through suppression of TNF- α -induced NF- κ B activation and ROS generation in human leukemia U937 cells. <i>Cancer Letters</i> , 2010, 288, 183-191. | 3.2 | 156 |
| 1414 | The antimicrobial peptide cecropin A induces caspase-independent cell death in human promyelocytic leukemia cells. <i>Peptides</i> , 2010, 31, 1494-1503. | 1.2 | 76 |
| 1415 | Effects of Fraction Obtained From Korean Corni Fructus Extracts Causing Anti-Proliferation and p53-Dependent Apoptosis in A549 Lung Cancer Cells. <i>Nutrition and Cancer</i> , 2011, 63, 1-1. | 0.9 | 23 |
| 1416 | The Antimicrobial Activity of an Atmospheric-Pressure Room-Temperature Plasma in a Simulated Root-Canal Model Infected With <i>Enterococcus Faecalis</i> . <i>IEEE Transactions on Plasma Science</i> , 2010, 38, 3370-3374. | 0.6 | 26 |
| 1417 | Protective effect of α -lipoic acid on oxidized low density lipoprotein-induced human umbilical vein endothelial cell injury. <i>Pharmacological Reports</i> , 2011, 63, 1180-1188. | 1.5 | 20 |
| 1418 | Pardaxin, an Antimicrobial Peptide, Triggers Caspase-Dependent and ROS-Mediated Apoptosis in HT-1080 Cells. <i>Marine Drugs</i> , 2011, 9, 1995-2009. | 2.2 | 74 |
| 1420 | Astragalin heptaacetate-induced cell death in human leukemia cells is dependent on caspases and activates the MAPK pathway. <i>Cancer Letters</i> , 2011, 309, 71-77. | 3.2 | 47 |
| 1421 | The neuroprotective effects of <i>Lonicera japonica</i> THUNB. against hydrogen peroxide-induced apoptosis via phosphorylation of MAPKs and PI3K/Akt in SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 1011-1019. | 1.8 | 71 |
| 1422 | Preferential involvement of both ROS and ceramide in fenretinide-induced apoptosis of HL60 rather than NB4 and U937 cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 314-318. | 1.0 | 22 |
| 1423 | Decreased heat shock protein 27 expression and altered autophagy in human cells harboring A8344G mitochondrial DNA mutation. <i>Mitochondrion</i> , 2011, 11, 739-749. | 1.6 | 22 |
| 1424 | Inhibitory effect of carboxymethylpachymaran on cyclophosphamide-induced oxidative stress in mice. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 801-805. | 3.6 | 39 |
| 1425 | Parenteral omega-3 fatty acids (Omegaven) modulate intestinal recovery after intestinal ischemia-reperfusion in a rat model. <i>Journal of Pediatric Surgery</i> , 2011, 46, 1353-1360. | 0.8 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1426 | Association between T lymphocyte sub-sets apoptosis and peripheral blood mononuclear cells oxidative stress in systemic lupus erythematosus. <i>Free Radical Research</i> , 2011, 45, 559-567. | 1.5 | 62 |
| 1427 | Mononaphthalimide spermidine conjugate induces cell proliferation inhibition and apoptosis in HeLa cells. <i>Toxicology in Vitro</i> , 2011, 25, 882-889. | 1.1 | 5 |
| 1428 | Boldo prevents UV light and nitric oxide-mediated plasmid DNA damage and reduces the expression of Hsp70 protein in melanoma cancer cells. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1219-1229. | 1.2 | 16 |
| 1429 | Apoptotic effect of eugenol in human colon cancer cell lines. <i>Cell Biology International</i> , 2011, 35, 607-615. | 1.4 | 149 |
| 1430 | Effects of allopurinol and preconditioning on apoptosis due to ischemia-reperfusion on a double jejunum-segment canine model. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 186-193. | 0.3 | 2 |
| 1431 | Tribulus teresstris modulates heat shock protein and key anti-apoptotic proteins in the Langendorff model of myocardial ischemia and reperfusion injury. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, 165-174. | 0.2 | 0 |
| 1432 | Tolerance of Spermatogonia to Oxidative Stress Is Due to High Levels of Zn and Cu/Zn Superoxide Dismutase. <i>PLoS ONE</i> , 2011, 6, e16938. | 1.1 | 94 |
| 1433 | Enhancing Chemotherapy Response with Bmi-1 Silencing in Ovarian Cancer. <i>PLoS ONE</i> , 2011, 6, e17918. | 1.1 | 74 |
| 1434 | Characterization of cytochrome c as marker for retinal cell degeneration by uv/vis spectroscopic imaging. , 2011, , . | | 0 |
| 1436 | Caveolin-1 as a potential high-risk prostate cancer biomarker. <i>Oncology Reports</i> , 2012, 27, 831-41. | 1.2 | 36 |
| 1437 | A Cyanobacterial Toxin, Microcystin-LR, Induces Apoptosis of Sertoli Cells by Changing the Expression Levels of Apoptosis-Related Proteins. <i>Tohoku Journal of Experimental Medicine</i> , 2011, 224, 235-242. | 0.5 | 28 |
| 1438 | The relationship between CD86 and CD54 protein expression and cytotoxicity following stimulation with contact allergen in THP-1 cells. <i>Journal of Toxicological Sciences</i> , 2011, 36, 313-324. | 0.7 | 10 |
| 1439 | Oxidative stress in the pathogenesis of canine zinc-responsive dermatosis. <i>Veterinary Dermatology</i> , 2011, 22, 31-38. | 0.4 | 6 |
| 1440 | Differential sensitivity of coral larvae to natural levels of ultraviolet radiation during the onset of larval competence. <i>Molecular Ecology</i> , 2011, 20, 2955-2972. | 2.0 | 47 |
| 1441 | Methylglyoxal induces mitochondria-dependent apoptosis in sarcoma. <i>Biochemistry (Moscow)</i> , 2011, 76, 1164-1171. | 0.7 | 17 |
| 1442 | Induction of CCAAT/enhancer-binding protein homologous protein by cigarette smoke through the superoxide anion-triggered PERK \rightarrow eIF2 γ pathway. <i>Toxicology</i> , 2011, 287, 105-112. | 2.0 | 26 |
| 1443 | Costunolide induces apoptosis in platinum-resistant human ovarian cancer cells by generating reactive oxygen species. <i>Gynecologic Oncology</i> , 2011, 123, 588-596. | 0.6 | 68 |
| 1444 | Potential mechanisms of phthalate ester embryotoxicity in the abalone <i>Haliotis diversicolor supertexta</i> . <i>Environmental Pollution</i> , 2011, 159, 1114-1122. | 3.7 | 62 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1445 | Farnesol attenuates 1,2-dimethylhydrazine induced oxidative stress, inflammation and apoptotic responses in the colon of Wistar rats. <i>Chemico-Biological Interactions</i> , 2011, 192, 193-200. | 1.7 | 116 |
| 1446 | Oxidative stress-mediated regulation of proteasome complexes. <i>Molecular and Cellular Proteomics</i> , 0, , . | 2.5 | 16 |
| 1447 | Oxidative Stress-Mediated Regulation of Proteasome Complexes. <i>Molecular and Cellular Proteomics</i> , 2011, 10, R110.006924. | 2.5 | 263 |
| 1448 | Panaxydol induces apoptosis through an increased intracellular calcium level, activation of JNK and p38 MAPK and NADPH oxidase-dependent generation of reactive oxygen species. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 347-358. | 2.2 | 70 |
| 1449 | Catalytic Characteristics of NADP-Isocitrate Dehydrogenase from the Liver of Rats in Health and after Injection of TNF- α and Melatonin Treatment. <i>Bulletin of Experimental Biology and Medicine</i> , 2011, 150, 307-310. | 0.3 | 0 |
| 1450 | Role of reactive oxygen species in triptolide-induced apoptosis of renal tubular cells and renal injury in rats. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 335-341. | 1.0 | 25 |
| 1451 | Copper effective binding with 32 α -62 and 94 α -125 peptide fragments of histone H2B. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 102-110. | 1.5 | 25 |
| 1452 | Arsenic trioxide-induced apoptosis in TM4 Sertoli cells: The potential involvement of p21 expression and p53 phosphorylation. <i>Toxicology</i> , 2011, 285, 142-151. | 2.0 | 39 |
| 1453 | In vitro selected RNA aptamer recognizing glutathione induces ROS mediated apoptosis in the human breast cancer cell line MCF 7. <i>RNA Biology</i> , 2011, 8, 101-111. | 1.5 | 27 |
| 1454 | Maternal exercise reduces hyperthermia-induced apoptosis in developing mouse brain. <i>International Journal of Hyperthermia</i> , 2011, 27, 445-452. | 1.1 | 11 |
| 1455 | Macrophage Migration Inhibitory Factor Provides Cardioprotection During Ischemia/Reperfusion by Reducing Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1191-1202. | 2.5 | 636 |
| 1456 | Notice of Retraction: Repair Effects of Grape Seed Proanthocyanidin on Damage in Zebrafish Embryos from UVB Irradiation. , 2011, , . | | 0 |
| 1457 | Dielectric barrier discharge plasma in Ar/O ₂ promoting apoptosis behavior in A549 cancer cells. <i>Applied Physics Letters</i> , 2011, 99, . | 1.5 | 49 |
| 1458 | A sensitive near-infrared fluorescent probe for caspase-mediated apoptosis: Synthesis and application in cell imaging. <i>Drug Discoveries and Therapeutics</i> , 2011, 5, 220-226. | 0.6 | 8 |
| 1459 | Glucose Metabolism in Mouse Cumulus Cells Prevents Oocyte Aging by Maintaining Both Energy Supply and the Intracellular Redox Potential. <i>Biology of Reproduction</i> , 2011, 84, 1111-1118. | 1.2 | 43 |
| 1460 | Targeting Mitochondria in Fighting Cancer. <i>Current Pharmaceutical Design</i> , 2011, 17, 4034-4046. | 0.9 | 55 |
| 1461 | Pathways Responsible for Apoptosis Resulting from Amadori-Induced Oxidative and Nitrosative Stress in Human Mesothelial Cells. <i>American Journal of Nephrology</i> , 2011, 34, 104-114. | 1.4 | 6 |
| 1462 | Protective effects of grape seed procyanidin extract against nickel sulfate-induced apoptosis and oxidative stress in rat testes. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 487-494. | 1.3 | 41 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1463 | Exploring Off-Targets and Off-Systems for Adverse Drug Reactions via Chemical-Protein Interactome â€” Clozapine-Induced Agranulocytosis as a Case Study. <i>PLoS Computational Biology</i> , 2011, 7, e1002016. | 1.5 | 93 |
| 1464 | Resveratrol Protects against 2-Bromopropane-Induced Apoptosis and Disruption of Embryonic Development in Blastocysts. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4991-5010. | 1.8 | 7 |
| 1465 | Induction of brain natriuretic peptide and monocyte chemoattractant protein-1 gene expression by oxidized low-density lipoprotein: relevance to ischemic heart failure. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C165-C177. | 2.1 | 35 |
| 1466 | Multi-Sensor Arrays for Online Monitoring of Cell Dynamics in in vitro Studies with Choroid Plexus Epithelial Cells. <i>Sensors</i> , 2012, 12, 1383-1397. | 2.1 | 3 |
| 1467 | Novel microfilaricidal activity of nanosilver. <i>International Journal of Nanomedicine</i> , 2012, 7, 1023. | 3.3 | 21 |
| 1468 | Coenzyme Q10 protects retinal cells from apoptosis induced by radiation in vitro and in vivo. <i>Journal of Radiation Research</i> , 2012, 53, 695-703. | 0.8 | 26 |
| 1469 | Grape seed proanthocyanidin extract ameliorates diabetic nephropathy in rats. <i>Scientific Research and Essays</i> , 2012, 7, . | 0.1 | 0 |
| 1470 | Combined Inhibitory Effects of Pyruvate and Low Temperature on Postovulatory Aging of Mouse Oocytes1. <i>Biology of Reproduction</i> , 2012, 87, 105. | 1.2 | 14 |
| 1471 | Age-related changes in apoptosis in rat hippocampus induced by oxidative stress. <i>Biotechnic and Histochemistry</i> , 2012, 87, 98-104. | 0.7 | 19 |
| 1472 | Annexin A2 and A5 Serve as New Ligands for C1q on Apoptotic Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 33733-33744. | 1.6 | 94 |
| 1473 | Extracellular signal-regulated kinase plays a proapoptotic role in podocytes after reactive oxygen species treatment and inhibition of integrinâ€”extracellular matrix interaction. <i>Experimental Biology and Medicine</i> , 2012, 237, 777-783. | 1.1 | 13 |
| 1474 | ¹ H NMR spectroscopy analysis of metabolites in the kidneys provides new insight into pathophysiological mechanisms: applications for treatment with <i>Cordyceps sinensis</i> . <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 556-565. | 0.4 | 30 |
| 1476 | Photoprotective effect of flax seed oil (<i>Linum usitatissimum</i> L.) against ultraviolet C-induced apoptosis and oxidative stress in rats. <i>Toxicology and Industrial Health</i> , 2012, 28, 99-107. | 0.6 | 21 |
| 1477 | Pig oocyte vitrification by Cryotop method and the activation of the apoptotic cascade. <i>Animal Reproduction Science</i> , 2012, 135, 68-74. | 0.5 | 26 |
| 1478 | Control of redox potential in hybridoma cultures: effects on MAb production, metabolism, and apoptosis. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1189-1198. | 1.4 | 4 |
| 1479 | Celastrol inhibits growth and induces apoptotic cell death in melanoma cells via the activation ROS-dependent mitochondrial pathway and the suppression of PI3K/AKT signaling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 1275-1286. | 2.2 | 106 |
| 1480 | Thioredoxin-1 functions as a molecular switch regulating the oxidative stress-induced activation of MST1. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2335-2343. | 1.3 | 38 |
| 1481 | ApoE3 mediated polymeric nanoparticles containing curcumin: Apoptosis induced in vitro anticancer activity against neuroblastoma cells. <i>International Journal of Pharmaceutics</i> , 2012, 437, 29-41. | 2.6 | 51 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1482 | Pulse duration and energy dependence of photodamage and lethality induced by femtosecond near infrared laser pulses in <i>Drosophila melanogaster</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 115, 42-50. | 1.7 | 19 |
| 1483 | Kinetics and Mechanism of the Reaction of Dichlorotetraaquaruthenium(III) and Thiols. <i>Australian Journal of Chemistry</i> , 2012, 65, 113. | 0.5 | 3 |
| 1484 | Effects of dimethylsulfoxide on behavior and antioxidant enzymes response of planarian <i>Dugesia japonica</i> . <i>Toxicology and Industrial Health</i> , 2012, 28, 449-457. | 0.6 | 17 |
| 1485 | Design, synthesis, characterization and DNA-binding studies of a triphenyltin(IV) complex of N-glycoside (GATPT), a sugar based apoptosis inducer: in vitro and in vivo assessment of induction of apoptosis by GATPT. <i>Metallomics</i> , 2012, 4, 205-217. | 1.0 | 28 |
| 1486 | Antibiotic-Induced Bacterial Cell Death Exhibits Physiological and Biochemical Hallmarks of Apoptosis. <i>Molecular Cell</i> , 2012, 46, 561-572. | 4.5 | 349 |
| 1487 | Protective effects of quercetin against apoptosis and oxidative stress in streptozotocin-induced diabetic rat testis. <i>Food and Chemical Toxicology</i> , 2012, 50, 719-725. | 1.8 | 136 |
| 1488 | Physiological pathway of human cell damage induced by genotoxic crystalline silica nanoparticles. <i>Biomaterials</i> , 2012, 33, 7540-7546. | 5.7 | 21 |
| 1489 | An agonistic antibody to human death receptor 4 induces apoptotic cell death in head and neck cancer cells through mitochondrial ROS generation. <i>Cancer Letters</i> , 2012, 322, 45-57. | 3.2 | 18 |
| 1490 | Iron status in HIV-1 infection: implications in disease pathology. <i>BMC Clinical Pathology</i> , 2012, 12, 26. | 1.8 | 32 |
| 1491 | Roles of prostaglandin F ₂ α and hydrogen peroxide in the regulation of Copper/Zinc superoxide dismutase in bovine corpus luteum and luteal endothelial cells. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 87. | 1.4 | 19 |
| 1492 | Mono-(2-Ethylhexyl) Phthalate Induces Oxidative Stress and Inhibits Growth of Mouse Ovarian Antral Follicles. <i>Biology of Reproduction</i> , 2012, 87, 152. | 1.2 | 98 |
| 1493 | Bipyrimidine ruthenium(II) arene complexes: structure, reactivity and cytotoxicity. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 1033-1051. | 1.1 | 56 |
| 1494 | Mitogen-Activated Protein Kinase and Natural Phenolic Compounds in Cardiovascular Remodeling. <i>Studies in Natural Products Chemistry</i> , 2012, 38, 159-190. | 0.8 | 1 |
| 1495 | Cytotoxicity of PAMAM, PPI and maltose modified PPI dendrimers in Chinese hamster ovary (CHO) and human ovarian carcinoma (SKOV3) cells. <i>New Journal of Chemistry</i> , 2012, 36, 428-437. | 1.4 | 61 |
| 1496 | Apoptosis Deregulation Influences Chemoresistance to Azaguanine in Human Leukemic Cell Lines. <i>Cancer Investigation</i> , 2012, 30, 331-342. | 0.6 | 6 |
| 1497 | <i>Luffa acutangula</i> and <i>Lippia nodiflora</i> leaf extract induces growth inhibitory effect through induction of apoptosis on human lung cancer cell line. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 287-293. | 0.9 | 22 |
| 1498 | Involvement of oxidative stress in the mechanism of triptolide-induced acute nephrotoxicity in rats. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 905-911. | 2.1 | 54 |
| 1499 | Mitochondrial Abnormalities in Alzheimer's Disease. <i>Advances in Pharmacology</i> , 2012, 64, 83-126. | 1.2 | 66 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1500 | Gold Nanoparticle-Enhanced and Size-Dependent Generation of Reactive Oxygen Species from Protoporphyrin IX. <i>ACS Nano</i> , 2012, 6, 1939-1947. | 7.3 | 217 |
| 1501 | Apoptosis-induced anticancer effect of transferrin-conjugated solid lipid nanoparticles of curcumin. <i>Cancer Nanotechnology</i> , 2012, 3, 65-81. | 1.9 | 27 |
| 1502 | Khz (Fusion of <i>Ganoderma lucidum</i> and <i>Polyporus umbellatus</i> Mycelia) Induces Apoptosis by Increasing Intracellular Calcium Levels and Activating JNK and NADPH Oxidase-Dependent Generation of Reactive Oxygen Species. <i>PLoS ONE</i> , 2012, 7, e46208. | 1.1 | 12 |
| 1503 | N-acetylcysteine protects induced pluripotent stem cells from in vitro stress: impact on differentiation outcome. <i>International Journal of Developmental Biology</i> , 2012, 56, 729-735. | 0.3 | 27 |
| 1504 | Isatinâ€Š Schiff base copper(II) complexesâ€Š A DFT study of the metalâ€Šligand bonding situation. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 625-646. | 1.0 | 25 |
| 1505 | The role of inducible nitric oxide synthase and haem oxygenase 1 in growth and development of dental tissue'. <i>Cell Biochemistry and Function</i> , 2012, 30, 217-223. | 1.4 | 6 |
| 1506 | Peritoneal fluid analysis in dairy cows with left displaced abomasum and abomasal volvulus. <i>Veterinary Record</i> , 2012, 170, 413-413. | 0.2 | 19 |
| 1507 | Size-mediated cytotoxicity of nanocrystalline titanium dioxide, pure and zinc-doped hydroxyapatite nanoparticles in human hepatoma cells. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1. | 0.8 | 33 |
| 1508 | Effect of an 8-weeks aerobic training program in elderly on oxidative stress and Hsp72 expression in leukocytes during antioxidant supplementation. <i>Journal of Nutrition, Health and Aging</i> , 2012, 16, 155-161. | 1.5 | 19 |
| 1509 | Reactive oxygen/nitrogen species and their functional correlations in neurodegenerative diseases. <i>Journal of Neural Transmission</i> , 2012, 119, 891-910. | 1.4 | 153 |
| 1510 | <scp>BCL</scp>â€Š Family of Proteins and Mammary Cellular Fate. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2012, 41, 237-247. | 0.3 | 18 |
| 1511 | Effect of vicanicin and protolichesterinic acid on human prostate cancer cells: Role of Hsp70 protein. <i>Chemico-Biological Interactions</i> , 2012, 195, 1-10. | 1.7 | 48 |
| 1512 | Nonylphenol induces apoptosis via mitochondria- and Fas-l-mediated pathways in the liver of adult male rat. <i>Regulatory Toxicology and Pharmacology</i> , 2012, 62, 405-411. | 1.3 | 41 |
| 1513 | Effects of smoking and tumor process on the contents of key proteins of apoptosis and activity of antioxidant enzymes in blood. <i>Biology Bulletin</i> , 2012, 39, 15-21. | 0.1 | 1 |
| 1514 | Continuously generated H₂O₂ stimulates the proliferation and osteoblastic differentiation of human periodontal ligament fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1426-1436. | 1.2 | 38 |
| 1515 | The effect of Rho kinase inhibitor Y-27632 on endotoxemia-induced intestinal apoptosis in infant rats. <i>Journal of Molecular Histology</i> , 2012, 43, 81-87. | 1.0 | 14 |
| 1516 | Synthesis, characterization, and DNA binding of the biologically relevant novel cationic molybdenum(VI)â€Šglutathione complex [Mo(GS)(Cl)(H ₂ O)]Cl ₂ . <i>Monatshefte FÃ¼r Chemie</i> , 2012, 143, 227-233. | 0.9 | 4 |
| 1517 | Cytoprotective activity of extract of roasted coffee residue on mouse embryonic fibroblasts cells against apoptosis induced by oxidative stress. <i>Food Science and Biotechnology</i> , 2012, 21, 137-143. | 1.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1518 | Impact of dihydrolipoic acid on mouse embryonic stem cells and related regulatory mechanisms. <i>Environmental Toxicology</i> , 2013, 28, 87-97. | 2.1 | 8 |
| 1519 | Curcumin improves expression of SCF/c-kit through attenuating oxidative stress and NF- κ B activation in gastric tissues of diabetic gastroparesis rats. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, 12. | 1.2 | 42 |
| 1520 | The protective effect of amiodarone in lung tissue of cecal ligation and puncture-induced septic rats: a perspective from inflammatory cytokine release and oxidative stress. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 635-643. | 1.4 | 16 |
| 1521 | DC-81-enediynes induce apoptosis of human melanoma A375 cells: involvement of the ROS, p38 MAPK, and AP-1 signaling pathways. <i>Cell Biology and Toxicology</i> , 2013, 29, 85-99. | 2.4 | 13 |
| 1522 | Human Mononuclear Cell Survival and Proliferation is Modulated by Cold Atmospheric Plasma Jet. <i>Plasma Processes and Polymers</i> , 2013, 10, 706-713. | 1.6 | 76 |
| 1523 | Antioxidant enzymes and the mechanism of the bystander effect induced by ultraviolet C irradiation of A375 human melanoma cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 757, 83-90. | 0.9 | 17 |
| 1524 | Neurotoxic Effects of Bisphenol AF on Calcium-Induced ROS and MAPKs. <i>Neurotoxicity Research</i> , 2013, 23, 249-259. | 1.3 | 69 |
| 1525 | Varicocele and Hypogonadism. <i>Current Urology Reports</i> , 2013, 14, 309-314. | 1.0 | 29 |
| 1527 | Dual effects of molybdenum on mouse oocyte quality and ovarian oxidative stress. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 312-318. | 1.0 | 26 |
| 1528 | The phytoalexin camalexin mediates cytotoxicity towards aggressive prostate cancer cells via reactive oxygen species. <i>Journal of Natural Medicines</i> , 2013, 67, 607-618. | 1.1 | 16 |
| 1529 | Variation in antioxidant activities of polysaccharides from <i>Fructus Jujubae</i> in South Xinjiang area. <i>International Journal of Biological Macromolecules</i> , 2013, 57, 278-284. | 3.6 | 13 |
| 1530 | Environmental light and endogenous antioxidants as the main determinants of non-cancer ocular diseases. <i>Mutation Research - Reviews in Mutation Research</i> , 2013, 752, 153-171. | 2.4 | 68 |
| 1531 | Extra virgin olive oil potentiates the effects of aromatase inhibitors via glutathione depletion in estrogen receptor-positive human breast cancer (MCF-7) cells. <i>Food and Chemical Toxicology</i> , 2013, 62, 817-824. | 1.8 | 13 |
| 1532 | Bioactive Properties of the Main Triterpenes Found in Olives, Virgin Olive Oil, and Leaves of <i>Olea europaea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12173-12182. | 2.4 | 115 |
| 1533 | Low-toxicity complexes with nitrogen-containing ligands as promising new agents for treatment and prevention of free radical states. <i>Russian Journal of General Chemistry</i> , 2013, 83, 2701-2708. | 0.3 | 1 |
| 1534 | Dietary glutamine supplementation prevents mucosal injury and modulates intestinal epithelial restitution following acetic acid induced intestinal injury in rats. <i>Nutrition and Metabolism</i> , 2013, 10, 53. | 1.3 | 23 |
| 1535 | RUNX2, GPX3 and PTX3 gene expression profiling in cumulus cells are reflective oocyte/embryo competence and potentially reliable predictors of embryo developmental competence in PCOS patients. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 109. | 1.4 | 69 |
| 1536 | Rosmarinic acid ameliorates acute liver damage and fibrogenesis in carbon tetrachloride-intoxicated mice. <i>Food and Chemical Toxicology</i> , 2013, 51, 370-378. | 1.8 | 111 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1537 | The Biological Effects and Possible Modes of Action of Nanosilver. <i>Reviews of Environmental Contamination and Toxicology</i> , 2013, 223, 81-106. | 0.7 | 48 |
| 1538 | Tri- and diorganotin(IV) complexes of biologically important orotic acid: Synthesis, spectroscopic studies, in vitro anti-cancer, DNA fragmentation, enzyme assays and in vivo anti-inflammatory activities. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 310-321. | 2.6 | 77 |
| 1539 | Herbacetin induces apoptosis in HepG2 cells: Involvements of ROS and PI3K/Akt pathway. <i>Food and Chemical Toxicology</i> , 2013, 51, 426-433. | 1.8 | 44 |
| 1540 | Crotonaldehyde induces apoptosis and immunosuppression in alveolar macrophages. <i>Toxicology in Vitro</i> , 2013, 27, 128-137. | 1.1 | 23 |
| 1541 | Investigation of in vitro and in vivo antioxidant potential of secoisolariciresinol diglucoside. <i>Molecular and Cellular Biochemistry</i> , 2013, 373, 179-187. | 1.4 | 18 |
| 1542 | Naringenin attenuates testicular damage, germ cell death and oxidative stress in streptozotocin induced diabetic rats: naringenin prevents diabetic rat testicular damage. <i>Journal of Applied Biomedicine</i> , 2013, 11, 195-208. | 0.6 | 17 |
| 1543 | Curcumin induces radiosensitivity of in vitro and in vivo cancer models by modulating pre-mRNA processing factor 4 (Prp4). <i>Chemico-Biological Interactions</i> , 2013, 206, 394-402. | 1.7 | 27 |
| 1544 | The protective effect of grape seed procyanidin extract against cadmium-induced renal oxidative damage in mice. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 759-768. | 2.0 | 58 |
| 1545 | Peroxidation due to cryoprotectant treatment is a vital factor for cell survival in Arabidopsis cryopreservation. <i>Plant Science</i> , 2013, 212, 37-47. | 1.7 | 45 |
| 1546 | Oxidative injury is involved in fipronil-induced G2/M phase arrest and apoptosis in <i>Spodoptera frugiperda</i> (Sf9) cell line. <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 122-130. | 1.6 | 24 |
| 1547 | Sex differences in lipid peroxidation and fatty acid levels in recent onset schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 154-161. | 2.5 | 23 |
| 1548 | Cadmium telluride quantum dots cause oxidative stress leading to extrinsic and intrinsic apoptosis in hepatocellular carcinoma HepG2 cells. <i>Toxicology</i> , 2013, 306, 114-123. | 2.0 | 145 |
| 1549 | Newly synthesized quinazolinone HMJ-38 suppresses angiogenetic responses and triggers human umbilical vein endothelial cell apoptosis through p53-modulated Fas/death receptor signaling. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 150-162. | 1.3 | 44 |
| 1550 | Identification and Characterization of Programmed Cell Death Markers in Bacterial Models. <i>Methods in Molecular Biology</i> , 2013, 1004, 145-159. | 0.4 | 15 |
| 1551 | The properties of chitosan complexes with smooth and rough forms of lipopolysaccharides on CHO-K1 cells. <i>Carbohydrate Polymers</i> , 2013, 97, 284-292. | 5.1 | 7 |
| 1552 | Apoptosis of periodontium cells in streptozotocin- and ligature-induced experimental diabetic periodontitis in rats. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 1206-1215. | 0.9 | 22 |
| 1553 | Curcumin attenuates testicular damage, apoptotic germ cell death, and oxidative stress in streptozotocin-induced diabetic rats. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1578-1585. | 1.5 | 87 |
| 1554 | Characterization of Apoptosis Induced by Emodin and Related Regulatory Mechanisms in Human Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 20139-20156. | 1.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1555 | Apoptosis, Annexin A5 and Anti-Annexin A5 Antibodies in The Antiphospholipid Syndrome. Journal of Medical Biochemistry, 2013, 32, 89-95. | 0.7 | 2 |
| 1556 | Protective role of curcumin against 2,3,7,8-tetrachlorodibenzo-dioxin-induced histological and biochemical changes in fundic mucosa of the adult rat stomach. Egyptian Journal of Histology, 2013, 36, 13-27. | 0.0 | 4 |
| 1557 | The synergistic effect of benzo[a]pyrene and lead on learning and memory of mice. Toxicology and Industrial Health, 2013, 29, 387-395. | 0.6 | 11 |
| 1558 | Low Concentration Platinum Nanoparticles Effectively Scavenge Reactive Oxygen Species in Rat Skeletal L6 Cells. Nano Biomedicine and Engineering, 2013, 5, . | 0.3 | 11 |
| 1559 | The male factor of infertility should not be an issue for the selection of patients for extended embryo culture programmes. Andrology, 2013, 1, 758-763. | 1.9 | 3 |
| 1560 | Quercetin provides greater cardioprotective effect than its glycoside derivative rutin on isoproterenol-induced cardiac fibrosis in the rat. Canadian Journal of Physiology and Pharmacology, 2013, 91, 951-959. | 0.7 | 63 |
| 1562 | Concoction Optimization of a Functional Beverage Developed From Calligonum Linnaeus. Advance Journal of Food Science and Technology, 2013, 5, 871-873. | 0.1 | 0 |
| 1563 | Pregnancy Prediction in Single Embryo Transfer Cycles after ICSI Using QPCR: Validation in Oocytes from the Same Cohort. PLoS ONE, 2013, 8, e54226. | 1.1 | 32 |
| 1564 | Genomic Analysis of Stress Response against Arsenic in Caenorhabditis elegans. PLoS ONE, 2013, 8, e66431. | 1.1 | 27 |
| 1565 | The Effect of Anthocyanin on the Prostate in an Andropause Animal Model: Rapid Prostatic Cell Death by Apoptosis Is Partially Prevented by Anthocyanin Supplementation. World Journal of Men's Health, 2013, 31, 239. | 1.7 | 9 |
| 1566 | Melatonin inhibits cholangiocarcinoma and reduces liver injury in <i>Opisthorchis viverrini</i> -infected and <i>N</i> -nitrosodimethylamine-treated hamsters. Journal of Pineal Research, 2013, 55, 257-266. | 3.4 | 26 |
| 1567 | Differential Viability of Eight Human Blood Mononuclear Cell Subpopulations After Plasma Treatment. Plasma Medicine, 2013, 3, 1-13. | 0.2 | 48 |
| 1568 | FOXO4-Knockdown Suppresses Oxidative Stress-Induced Apoptosis of Early Pro-Angiogenic Cells and Augments Their Neovascularization Capacities in Ischemic Limbs. PLoS ONE, 2014, 9, e92626. | 1.1 | 14 |
| 1569 | Degree of Glutathione Deficiency and Redox Imbalance Depend on Subtype of Mitochondrial Disease and Clinical Status. PLoS ONE, 2014, 9, e100001. | 1.1 | 40 |
| 1570 | Antioxidative Effects of Germinated Brown Rice-Derived Extracts on H ₂ O ₂ -Induced Oxidative Stress in HepG2 Cells. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11. | 0.5 | 15 |
| 1571 | Camalexin-Induced Apoptosis in Prostate Cancer Cells Involves Alterations of Expression and Activity of Lysosomal Protease Cathepsin D. Molecules, 2014, 19, 3988-4005. | 1.7 | 21 |
| 1572 | Serum c-kit Protein Detection as a Reliable Biomarker for the Diagnosis of Gastrointestinal Stromal Tumors: a Case-Control Study. Journal of Molecular Biomarkers & Diagnosis, 2014, 05, . | 0.4 | 0 |
| 1573 | <i>Eugenia jambolana</i> Pretreatment Prevents Isoproterenol-Induced Myocardial Damage in Rats: Evidence from Biochemical, Molecular, and Histopathological Studies. Journal of Medicinal Food, 2014, 17, 244-253. | 0.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1574 | Toxic dinoflagellate <i>Alexandrium tamarense</i> induces oxidative stress and apoptosis in hepatopancreas of shrimp (<i>Fenneropenaeus chinensis</i>). <i>Journal of Ocean University of China</i> , 2014, 13, 1005-1011. | 0.6 | 5 |
| 1575 | Snake Venom L-Amino Acid Oxidases: Trends in Pharmacology and Biochemistry. <i>BioMed Research International</i> , 2014, 2014, 1-19. | 0.9 | 135 |
| 1576 | Effects of quercetin and fish n-3 fatty acids on testicular injury induced by ethanol in rats. <i>Andrologia</i> , 2014, 46, 356-369. | 1.0 | 32 |
| 1577 | Enhanced cytotoxic and genotoxic effects of gadolinium following ELF-EMF irradiation in human lymphocytes. <i>Drug and Chemical Toxicology</i> , 2014, 37, 440-447. | 1.2 | 31 |
| 1578 | EGCG inhibits Cd ²⁺ -induced apoptosis through scavenging ROS rather than chelating Cd ²⁺ in HL-7702 cells. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 259-267. | 1.3 | 43 |
| 1579 | Bovine serum albumin in saliva mediates grazing response in <i>Leymus chinensis</i> revealed by RNA sequencing. <i>BMC Genomics</i> , 2014, 15, 1126. | 1.2 | 12 |
| 1580 | Emodin Augments Cisplatin Cytotoxicity in Platinum-Resistant Ovarian Cancer Cells via ROS-Dependent MRP1 Downregulation. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 0.9 | 44 |
| 1581 | The effect of neoadjuvant chemotherapy on physical fitness and survival in patients undergoing oesophagogastric cancer surgery. <i>European Journal of Surgical Oncology</i> , 2014, 40, 1313-1320. | 0.5 | 135 |
| 1582 | Anticancer activity of <i>Moringa oleifera</i> mediated silver nanoparticles on human cervical carcinoma cells by apoptosis induction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 354-359. | 2.5 | 213 |
| 1583 | Kinetics of oxidation of glutathione by an octahedral cobalt(III) complex with phenolate- <i>amide</i> -amine coordination. <i>Transition Metal Chemistry</i> , 2014, 39, 177-187. | 0.7 | 1 |
| 1584 | Focus on molecular events in the anterior chamber leading to glaucoma. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2197-2218. | 2.4 | 47 |
| 1585 | Manganese Superoxide Dismutase in Cancer Prevention. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1628-1645. | 2.5 | 63 |
| 1586 | A Mechanistic Review of Cigarette Smoke and Age-Related Macular Degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 301-307. | 0.8 | 55 |
| 1587 | Role of iron in ischemia-induced neurodegeneration: mechanisms and insights. <i>Metabolic Brain Disease</i> , 2014, 29, 583-591. | 1.4 | 15 |
| 1588 | Characteristics of quercetin interactions with liposomal and vacuolar membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 254-265. | 1.4 | 78 |
| 1589 | Sucutinirane-diterpene derivatives induce apoptosis via oxidative stress in HL-60 cells. <i>Journal of Natural Medicines</i> , 2014, 68, 723-729. | 1.1 | 5 |
| 1590 | Research Advances on Apoptosis Caused by Quantum Dots. <i>Biological Trace Element Research</i> , 2014, 161, 3-12. | 1.9 | 24 |
| 1591 | Khz-cp (crude polysaccharide extract obtained from the fusion of <i>Ganoderma lucidum</i> and <i>Polyporus</i>) Tj ETQq1 1 0.784314 rgBT /Ove and NADPH oxidase-dependent generation of reactive oxygen species in SNU-1 cells. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 236. | 3.7 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1592 | Khz (fusion of ganoderma lucidum and Polyporus umbellatus mycelia) induces apoptosis in A549 human lung cancer cells by generating reactive oxygen species and decreasing the mitochondrial membrane potential. <i>Food Science and Biotechnology</i> , 2014, 23, 859-864. | 1.2 | 8 |
| 1593 | Ghrelin is a Regulator of Cellular Apoptosis and Proliferation in the Rat Ovary. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 289-298. | 0.9 | 6 |
| 1594 | Cu(II)â€™histones interaction related to toxicity-carcinogenesis. <i>Coordination Chemistry Reviews</i> , 2014, 262, 55-71. | 9.5 | 7 |
| 1595 | Glutathione Immunosensing Platform Based on Total Internal Reflection Ellipsometry Enhanced by Functionalized Gold Nanoparticles. <i>Analytical Chemistry</i> , 2014, 86, 4969-4976. | 3.2 | 23 |
| 1596 | The role of protein-derived free radicals as intermediaries of oxidative processes. <i>Biomolecular Concepts</i> , 2014, 5, 119-130. | 1.0 | 21 |
| 1598 | The effects of neoadjuvant chemoradiotherapy on physical fitness and morbidity in rectal cancer surgery patients. <i>European Journal of Surgical Oncology</i> , 2014, 40, 1421-1428. | 0.5 | 87 |
| 1599 | Protection Against Ischemia-Reperfusion Injury in Aged Liver Donor by the Induction of Exogenous Human Telomerase Reverse Transcriptase Gene. <i>Transplantation Proceedings</i> , 2014, 46, 1567-1572. | 0.3 | 8 |
| 1600 | The synergistic effect of 1â€™-acetoxychavicol acetate and sodium butyrate on the death of human hepatocellular carcinoma cells. <i>Chemico-Biological Interactions</i> , 2014, 212, 1-10. | 1.7 | 19 |
| 1601 | Cocaine Enhances HIV-1â€™Induced CD4+ T-Cell Apoptosis. <i>American Journal of Pathology</i> , 2014, 184, 927-936. | 1.9 | 32 |
| 1602 | Prenatal vitamin C deficiency results in differential levels of oxidative stress during late gestation in foetal guinea pig brains. <i>Redox Biology</i> , 2014, 2, 361-367. | 3.9 | 22 |
| 1603 | Dietary resveratrol supplementation normalizes gene expression in the hippocampus of streptozotocin-induced diabetic C57Bl/6 mice. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 313-318. | 1.9 | 30 |
| 1604 | The apoptotic perspective of autism. <i>International Journal of Developmental Neuroscience</i> , 2014, 36, 13-18. | 0.7 | 80 |
| 1605 | Adenosine through the A2A adenosine receptor increases IL-1 ^{Î²} in the brain contributing to anxiety. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 218-231. | 2.0 | 37 |
| 1606 | Ferulic acid in the treatment of postâ€™diabetes testicular damage: relevance to the down regulation of apoptosis correlates with antioxidant status via modulation of TGFâ€™ ^{Î²} 1, ILâ€™1 ^{Î²} and Akt signalling. <i>Cell Biochemistry and Function</i> , 2014, 32, 115-124. | 1.4 | 44 |
| 1607 | Infant-Caregiver Experiences Alter Telomere Length in the Brain. <i>PLoS ONE</i> , 2014, 9, e101437. | 1.1 | 22 |
| 1608 | The importance of antioxidants which play the role in cellular response against oxidative/nitrosative stress: current state. <i>Nutrition Journal</i> , 2015, 15, 71. | 1.5 | 1,273 |
| 1609 | Carboxy-Methyl-Cellulose (CMC) hydrogel-filled 3-D scaffold: Preliminary study through a 3-D antiproliferative activity of <i>Centella asiatica</i> extract. <i>AIP Conference Proceedings</i> , 2015, , . | 0.3 | 7 |
| 1610 | The diverse applications of plasma. <i>AIP Conference Proceedings</i> , 2015, , . | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1611 | Vibration inhibits deterioration in rat deep tissue injury through HIF-1 α -MMP axis. <i>Wound Repair and Regeneration</i> , 2015, 23, 386-393. | 1.5 | 21 |
| 1612 | 10 Structure and Function of Vertebrate Metallothioneins. , 2015, , 279-318. | | 0 |
| 1613 | Oxidative Stress, Redox Regulation and Elite Controllers of HIV Infection: Towards a Functional Cure. , 2015, , . | | 4 |
| 1614 | Attenuation of Oxidative Stress in HEK 293 Cells by the TCM Constituents Schisanhenol, Baicalein, Resveratrol or Crocetin and Two Defined Mixtures. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015, 18, 661. | 0.9 | 10 |
| 1615 | Induction of Apoptosis in MCF-7 Cells via Oxidative Stress Generation, Mitochondria-Dependent and Caspase-Independent Pathway by Ethyl Acetate Extract of <i>Dillenia suffruticosa</i> and Its Chemical Profile. <i>PLoS ONE</i> , 2015, 10, e0127441. | 1.1 | 70 |
| 1616 | Antioxidant and Proapoptotic Activities of <i>Sclerocarya birrea</i> [(A. Rich.) Hochst.] Methanolic Root Extract on the Hepatocellular Carcinoma Cell Line HepG2. <i>BioMed Research International</i> , 2015, 2015, 1-11. | 0.9 | 34 |
| 1617 | Depletion of Glutathione during Oxidative Stress and Efficacy of N-Acetyl Cysteine: An Old Drug with New Approaches. , 2015, 05, . | | 3 |
| 1618 | Activation of cellular apoptosis in the caecal epithelium is associated with increased oxidative reactions in lactating goats after feeding a high concentrate diet. <i>Experimental Physiology</i> , 2015, 100, 278-287. | 0.9 | 13 |
| 1619 | Curcumin Stimulates the Antioxidant Mechanisms in Mouse Skin Exposed to Fractionated β -Irradiation. <i>Antioxidants</i> , 2015, 4, 25-41. | 2.2 | 46 |
| 1620 | Noninvasive Biomarker Candidates for Cadmium-Induced Nephrotoxicity by 2DE/MALDI-TOF-MS and SILAC/LC-MS Proteomic Analyses. <i>Toxicological Sciences</i> , 2015, 148, 167-182. | 1.4 | 11 |
| 1621 | Oxidative stress-mediated antiproliferative effects of furan-containing sulfur flavors in human leukemia Jurkat cells. <i>Food Chemistry</i> , 2015, 180, 1-8. | 4.2 | 15 |
| 1622 | Multilevel evaluations of potential liver injury of bifenthrin. <i>Pesticide Biochemistry and Physiology</i> , 2015, 122, 29-37. | 1.6 | 16 |
| 1623 | Comparative anti-proliferative activity of some new 2-(aryloxy)phenolate-palladium (II) complexes and cisplatin against some human cancer cell lines. <i>Free Radical Research</i> , 2015, 49, 253-268. | 1.5 | 13 |
| 1624 | <i>In Vitro</i> and <i>In Vivo</i> Atheroprotective Effects of Gossypetin against Endothelial Cell Injury by Induction of Autophagy. <i>Chemical Research in Toxicology</i> , 2015, 28, 202-215. | 1.7 | 27 |
| 1625 | The combination of the active principles of <i>Podophyllum hexandrum</i> supports early recovery of the gastrointestinal system via activation of Nrf2-HO-1 signaling and the hematopoietic system, leading to effective whole-body survival in lethally irradiated mice. <i>Free Radical Research</i> , 2015, 49, 317-330. | 1.5 | 27 |
| 1626 | Synthesis, characterization, DNA/protein binding and in vitro cytotoxic evaluation of new Ru(III) complexes containing aroylhydrazone ligands: Does hydrogen bonding influence the coordination behavior of hydrazones?. <i>Inorganica Chimica Acta</i> , 2015, 429, 148-159. | 1.2 | 19 |
| 1627 | The eudesmanolide tanapsin from <i>Tanacetum oshanahanii</i> and its acetate induce cell death in human tumor cells through a mechanism dependent on reactive oxygen species. <i>Phytomedicine</i> , 2015, 22, 385-393. | 2.3 | 8 |
| 1628 | Alteration in the intrafollicular thiol-redox system in infertile women with endometriosis. <i>Reproduction</i> , 2015, 149, 155-162. | 1.1 | 38 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1629 | DNA-PKcs deficiency sensitizes the human hepatoma HepG2 cells to cisplatin and 5-fluorouracil through suppression of the PI3K/Akt/NF- κ B pathway. <i>Molecular and Cellular Biochemistry</i> , 2015, 399, 269-278. | 1.4 | 16 |
| 1630 | Dietary anthocyanins as a complementary medicinal approach for management of inflammatory bowel disease. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 807-820. | 1.4 | 46 |
| 1631 | Connecting the speckles: Splicing kinases and their role in tumorigenesis and treatment response. <i>Nucleus</i> , 2015, 6, 279-288. | 0.6 | 55 |
| 1632 | Oxidative Stress-Mediated Apoptosis Induced by Ethanolic Mango Seed Extract in Cultured Estrogen Receptor Positive Breast Cancer MCF-7 Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3528-3536. | 1.8 | 31 |
| 1633 | Dietary Zinc Deficiency and Testicular Apoptosis. , 2015, , 341-353. | | 1 |
| 1634 | Mode of action of tin-based anti-proliferative agents: Biological studies of organotin(IV) derivatives of fatty acids. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 148, 88-100. | 1.7 | 33 |
| 1635 | Induction of apoptosis and oxidative stress in estrogen receptor-negative breast cancer, MDA-MB231 cells, by ethanolic mango seed extract. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 45. | 3.7 | 20 |
| 1636 | Gold nanoparticle/ZnO nanorod hybrids for enhanced reactive oxygen species generation and photodynamic therapy. <i>Nano Research</i> , 2015, 8, 2004-2014. | 5.8 | 85 |
| 1637 | Portable and quantitative evaluation of stem cell therapy towards damaged hepatocytes. <i>RSC Advances</i> , 2015, 5, 19439-19444. | 1.7 | 5 |
| 1638 | From Bench to Bedside: Natural Products and Analogs for the Treatment of Neglected Tropical Diseases (NTDs). <i>Studies in Natural Products Chemistry</i> , 2015, 44, 33-92. | 0.8 | 3 |
| 1639 | Immunosensing platform based on gallium nanoparticle arrays on silicon substrates. <i>Biosensors and Bioelectronics</i> , 2015, 74, 1069-1075. | 5.3 | 28 |
| 1640 | ROS-induced oxidative stress and apoptosis-like event directly affect the cell viability of cryopreserved embryogenic callus in <i>Agapanthus praecox</i> . <i>Plant Cell Reports</i> , 2015, 34, 1499-1513. | 2.8 | 78 |
| 1641 | Reassessment of MTBE cancer potency considering modes of action for MTBE and its metabolites. <i>Critical Reviews in Toxicology</i> , 2015, 45, 1-56. | 1.9 | 29 |
| 1642 | Studies on Experimental Toxicology and Pharmacology. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , . | 0.4 | 7 |
| 1643 | Partial protection of N-acetylcysteine against MPA-capped CdTe quantum dot-induced neurotoxicity in rat primary cultured hippocampal neurons. <i>Toxicology Research</i> , 2015, 4, 1613-1622. | 0.9 | 19 |
| 1644 | Khz (Fusion Product of <i>Ganoderma lucidum</i> and <i>Polyporus umbellatus</i> Mycelia) Induces Apoptosis in Human Colon Carcinoma HCT116 Cells, Accompanied by an Increase in Reactive Oxygen Species, Activation of Caspase 3, and Increased Intracellular Ca ²⁺ . <i>Journal of Medicinal Food</i> , 2015, 18, 332-336. | 0.8 | 9 |
| 1645 | Novel Fe@Fe-O@Ag nanocomposite for efficient non-enzymatic sensing of hydrogen peroxide. <i>Electrochimica Acta</i> , 2015, 153, 62-67. | 2.6 | 18 |
| 1646 | Nanodelivery of parthenolide using functionalized nanographene enhances its anticancer activity. <i>RSC Advances</i> , 2015, 5, 2411-2420. | 1.7 | 25 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1647 | The neuroprotective effects of \hat{I}^2 -hydroxybutyrate on $\hat{A}I^2$ -injected rat hippocampus in vivo and in $\hat{A}I^2$ -treated PC-12 cells in vitro. <i>Free Radical Research</i> , 2015, 49, 139-150. | 1.5 | 47 |
| 1648 | The mitochondrial voltage-dependent anion channel 1 in tumor cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2547-2575. | 1.4 | 194 |
| 1649 | The decreased expression of mitofusin-1 and increased fission-1 together with alterations in mitochondrial morphology in the kidney of rats with chronic fluorosis may involve elevated oxidative stress. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 263-268. | 1.5 | 16 |
| 1650 | Epithelialâ€mesenchymal status renders differential responses to cisplatin in ovarian cancer. <i>Oncogene</i> , 2015, 34, 1899-1907. | 2.6 | 108 |
| 1651 | GSH protects against oxidative stress and toxicity in VL-17A cells exposed to high glucose. <i>European Journal of Nutrition</i> , 2015, 54, 223-234. | 1.8 | 12 |
| 1652 | Protective effects of melatonin against arsenic-induced apoptosis and oxidative stress in rat testes. <i>Toxicology and Industrial Health</i> , 2016, 32, 848-859. | 0.6 | 55 |
| 1654 | The mitochondrial and death receptor pathways involved in the thymocytes apoptosis induced by aflatoxin B1. <i>Oncotarget</i> , 2016, 7, 12222-12234. | 0.8 | 47 |
| 1655 | Fermented Chinese Formula Shuan-Tong-Ling Protects Brain Microvascular Endothelial Cells against Oxidative Stress Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-13. | 0.5 | 11 |
| 1656 | Anti-inflammatory and Anti-tumor Activities of Parthenolide: An Update. <i>Journal of Chemical Biology & Therapeutics</i> , 2016, 01, . | 0.4 | 11 |
| 1657 | Comparison of Dasatinib, Nilotinib, and Imatinib in the Treatment of Chronic Myeloid Leukemia. <i>Journal of Cellular Physiology</i> , 2016, 231, 680-687. | 2.0 | 18 |
| 1658 | The Hha-TomB Toxin-Antitoxin System Shows Conditional Toxicity and Promotes Persister Cell Formation by Inhibiting Apoptosis-Like Death in <i>S. Typhimurium</i> . <i>Scientific Reports</i> , 2016, 6, 38204. | 1.6 | 33 |
| 1659 | The Effects of Diabetes Mellitus on Ovarian Injury and Reserve: An Experimental Study. <i>Gynecologic and Obstetric Investigation</i> , 2016, 81, 424-429. | 0.7 | 19 |
| 1660 | Bactericidal effect of plasma jet with helium flowing through 3% hydrogen peroxide against <i>Enterococcus faecalis</i> . <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3073-3077. | 0.8 | 14 |
| 1661 | A minireview on N -acetylcysteine: An old drug with new approaches. <i>Life Sciences</i> , 2016, 151, 359-363. | 2.0 | 155 |
| 1662 | The decreased expression of electron transfer flavoprotein \hat{I}^2 is associated with tubular cell apoptosis in diabetic nephropathy. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1290-1298. | 1.8 | 13 |
| 1663 | Effects of methyl mercury on the activity and gene expression of mouse Langerhans islets and glucose metabolism. <i>Food and Chemical Toxicology</i> , 2016, 93, 119-128. | 1.8 | 34 |
| 1664 | Plasma <sc>HMGB</sc>â€1 and Nucleosome Concentrations in Horses with Colic and Healthy Horses. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 260-268. | 0.6 | 20 |
| 1666 | Behavioral and molecular effects of prenatal continuous light exposure in the adult rat. <i>Brain Research</i> , 2016, 1650, 51-59. | 1.1 | 40 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1667 | Subclinical concentrations of sevoflurane reduce oxidative stress but do not prevent hippocampal apoptosis. <i>Molecular Medicine Reports</i> , 2016, 14, 721-727. | 1.1 | 14 |
| 1668 | Oxidative stress in the pelvic cavity and its role in the pathogenesis of endometriosis. <i>Fertility and Sterility</i> , 2016, 106, 1011-1017. | 0.5 | 149 |
| 1669 | Imaging Mass Spectrometry Reveals a Decrease of Cardiolipin in the Kidney of NASH Model Mice. <i>Analytical Sciences</i> , 2016, 32, 473-476. | 0.8 | 9 |
| 1670 | Prenatal exposure to environmental factors and congenital limb defects. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2016, 108, 243-273. | 3.6 | 24 |
| 1671 | Mark4 promotes oxidative stress and inflammation via binding to PPAR β and activating NF- κ B pathway in mice adipocytes. <i>Scientific Reports</i> , 2016, 6, 21382. | 1.6 | 50 |
| 1672 | Prophylactic barbiturate use for the prevention of morbidity and mortality following perinatal asphyxia. <i>The Cochrane Library</i> , 2016, 2016, CD001240. | 1.5 | 19 |
| 1673 | The Environmental Pollutant Tributyltin Chloride Disrupts the Hypothalamic-Pituitary-Adrenal Axis at Different Levels in Female Rats. <i>Endocrinology</i> , 2016, 157, 2978-2995. | 1.4 | 44 |
| 1674 | Neuroprotective Effect of the Novel Compound ITH33/IQM9.21 Against Oxidative Stress and Na ⁺ and Ca ²⁺ Overload in Motor Neuron-like NSC-34 Cells. <i>Neurotoxicity Research</i> , 2016, 30, 380-391. | 1.3 | 9 |
| 1675 | Sesamol induces mitochondrial apoptosis pathway in HCT116 human colon cancer cells via pro-oxidant effect. <i>Life Sciences</i> , 2016, 158, 46-56. | 2.0 | 48 |
| 1676 | The effect of melatonin on oxidative stress and apoptosis in experimental diabetes mellitus-related ovarian injury. <i>Gynecological Endocrinology</i> , 2016, 32, 421-426. | 0.7 | 8 |
| 1677 | Investigations into the Use of a Protein Sensor Assay for Metabolite Analysis. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 101-113. | 1.4 | 0 |
| 1678 | Toxicological evaluation of representative silver nanoparticles in macrophages and epithelial cells. <i>Toxicology in Vitro</i> , 2016, 33, 163-173. | 1.1 | 31 |
| 1679 | The metabolites of glutamine prevent hydroxyl radical-induced apoptosis through inhibiting mitochondria and calcium ion involved pathways in fish erythrocytes. <i>Free Radical Biology and Medicine</i> , 2016, 92, 126-140. | 1.3 | 37 |
| 1680 | Binge ethanol exposure increases the Kr β 1-like factor 11-monoamine oxidase (MAO) pathway in rats: Examining the use of MAO inhibitors to prevent ethanol-induced brain injury. <i>Neuropharmacology</i> , 2016, 105, 329-340. | 2.0 | 14 |
| 1681 | Autophagic effects of Hibiscus sabdariffa leaf polyphenols and epicatechin gallate (ECG) against oxidized LDL-induced injury of human endothelial cells. <i>European Journal of Nutrition</i> , 2017, 56, 1963-1981. | 1.8 | 27 |
| 1682 | Tourniquet-induced ischaemia-reperfusion injury: the comparison of antioxidative effects of small-dose propofol and ketamine. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2017, 67, 246-250. | 0.2 | 3 |
| 1683 | Repeated exposure to iron oxide nanoparticles causes testicular toxicity in mice. <i>Environmental Toxicology</i> , 2017, 32, 594-608. | 2.1 | 63 |
| 1684 | A traditional poly herbal medicine "Le Pana Guliya" induces apoptosis in HepG2 and HeLa cells but not in CC1 cells: an in vitro assessment. <i>Chemistry Central Journal</i> , 2017, 11, 2. | 2.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1685 | Nitric oxide (NO)-mediated mitochondrial damage plays a critical role in T-2 toxin-induced apoptosis and growth hormone deficiency in rat anterior pituitary GH3 cells. <i>Food and Chemical Toxicology</i> , 2017, 102, 11-23. | 1.8 | 45 |
| 1687 | Assessment of glucosinolates, antioxidative and antiproliferative activity of broccoli and collard extracts. <i>Journal of Food Composition and Analysis</i> , 2017, 61, 59-66. | 1.9 | 37 |
| 1688 | The effect of diabetes on ovaries in a rat model: the role of interleukin-33 and apoptosis. <i>Gynecological Endocrinology</i> , 2017, 33, 708-711. | 0.7 | 5 |
| 1689 | Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. <i>Toxicology in Vitro</i> , 2017, 44, 36-43. | 1.1 | 15 |
| 1690 | Modulatory effects of <i>Terminalia arjuna</i> against domoic acid induced toxicity in Caco-2 cell line. <i>Cytotechnology</i> , 2017, 69, 725-739. | 0.7 | 14 |
| 1691 | The protective effects of resveratrol, H ₂ S and thermotherapy on the cell apoptosis induced by CdTe quantum dots. <i>Toxicology in Vitro</i> , 2017, 41, 106-113. | 1.1 | 13 |
| 1692 | Rosbin, a synthetic small molecule, induces A549 cells apoptosis through a ROS-mediated pathway. <i>Cell Biology International</i> , 2017, 41, 221-226. | 1.4 | 4 |
| 1693 | Taurine Attenuates Doxorubicin-Induced Toxicity on B16F10 Cells. <i>Advances in Experimental Medicine and Biology</i> , 2017, 975 Pt 2, 1179-1190. | 0.8 | 5 |
| 1694 | The role of oxidative stress in influenza virus infection. <i>Microbes and Infection</i> , 2017, 19, 580-586. | 1.0 | 98 |
| 1695 | The role of oxidative stress in antipsychotics induced ovarian toxicity. <i>Toxicology in Vitro</i> , 2017, 44, 190-195. | 1.1 | 23 |
| 1696 | Improved Aromatic Substitution-“Rearrangement-Based Ratiometric Fluorescent Cysteine-Specific Probe and Its Application of Real-Time Imaging under Oxidative Stress in Living Zebrafish. <i>Analytical Chemistry</i> , 2017, 89, 9567-9573. | 3.2 | 109 |
| 1697 | Cardioprotective Effect of Aloe vera Biomacromolecules Conjugated with Selenium Trace Element on Myocardial Ischemia-Reperfusion Injury in Rats. <i>Biological Trace Element Research</i> , 2017, 177, 345-352. | 1.9 | 20 |
| 1698 | ZnT3 Gene Deletion Reduces Colchicine-Induced Dentate Granule Cell Degeneration. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2189. | 1.8 | 12 |
| 1699 | Aflatoxin B1 invokes apoptosis via death receptor pathway in hepatocytes. <i>Oncotarget</i> , 2017, 8, 8239-8249. | 0.8 | 71 |
| 1700 | THE ROLE OF CARVEDILOL IN THE PREVENTION OF CARDIOMYOCYTE APOPTOSIS CAUSED BY ACUTE MYOCARDIAL INFARCTION. <i>Rational Pharmacotherapy in Cardiology</i> , 2017, 13, 880-884. | 0.3 | 0 |
| 1701 | A NOVEL ANTI-PROLIFERATIVE ACTIVITY (EC50) OF PEGAGA (<i>Centella asiatica</i>) EXTRACT THROUGH IN VITRO 3-D CULTURE MICROENVIRONMENT. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, . | 0.3 | 6 |
| 1702 | Dynamin 3 suppresses growth and induces apoptosis of hepatocellular carcinoma cells by activating inducible nitric oxide synthase production. <i>Oncology Letters</i> , 2017, 13, 4776-4784. | 0.8 | 17 |
| 1703 | Sublethal chronic effects of oral dietary exposure to deltamethrin in Swiss albino mice. <i>Toxicology and Industrial Health</i> , 2018, 34, 423-432. | 0.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1704 | Plasmonic Resonance Energy Transfer Enhanced Photodynamic Therapy with Au@SiO ₂ @Cu ₂ O/Perfluorohexane Nanocomposites. ACS Applied Materials & Interfaces, 2018, 10, 6991-7002. | 4.0 | 74 |
| 1705 | An investigation onto the molecular structure of 5-chloro-3-(2-(4-ethylpiperazine-1-yl)-2-oxoethyl)benzo[d]thiazole-2(3H)-on drug molecule before and after atmospheric pressure plasma treatment. Journal of Molecular Structure, 2018, 1159, 135-146. | 1.8 | 2 |
| 1706 | Effects of resveratrol on high-fructose-induced testis injury in rats. Ultrastructural Pathology, 2018, 42, 65-73. | 0.4 | 17 |
| 1707 | Pentoxifylline Added to Steroid Window Treatment Phase Modified Apoptotic Gene Expression in Pediatric Patients With Acute Lymphoblastic Leukemia. Journal of Pediatric Hematology/Oncology, 2018, 40, 360-367. | 0.3 | 14 |
| 1708 | Quantitative measurement of oxidative damage in erythrocytes as indicator in benzene intoxications. Toxicology Mechanisms and Methods, 2018, 28, 450-460. | 1.3 | 3 |
| 1709 | Peroxiredoxin 1, restraining cell migration and invasion, is involved in hepatocellular carcinoma recurrence. Journal of Digestive Diseases, 2018, 19, 155-169. | 0.7 | 12 |
| 1710 | Beneficial Role of Citrus Fruit Polyphenols Against Hepatic Dysfunctions: A Review. Journal of Dietary Supplements, 2018, 15, 223-250. | 1.4 | 12 |
| 1711 | Sleep and circadian disruption and incident breast cancer risk: An evidence-based and theoretical review. Neuroscience and Biobehavioral Reviews, 2018, 84, 35-48. | 2.9 | 71 |
| 1712 | Potential cancer chemopreventive and anticancer constituents from the fruits of Ficus hispida L.f. (Moraceae). Journal of Ethnopharmacology, 2018, 214, 37-46. | 2.0 | 24 |
| 1713 | Synthesis of Fluorescent Au Nanocrystals@Silica Hybrid Nanocomposite (FLASH) with Enhanced Optical Features for Bioimaging and Photodynamic Activity. Langmuir, 2018, 34, 173-178. | 1.6 | 9 |
| 1714 | Astaxanthin protects ARPE-19 cells against oxidative stress injury induced by hydrogen peroxide. Biotechnology and Biotechnological Equipment, 2018, 32, 1277-1284. | 0.5 | 2 |
| 1715 | Renoprotective effect of JinQi-JiangTang tablet on high-fat diet and low-dose streptozotocin-induced type 2 diabetic rats. RSC Advances, 2018, 8, 41858-41871. | 1.7 | 1 |
| 1716 | Influence of Extraction Scheme on the Antioxidant Potential of Caralluma tuberculata. Notulae Scientia Biologicae, 2018, 10, 340-347. | 0.1 | 1 |
| 1717 | Antimicrotubule Agent-Induced Zinc Neurotoxicity. Biological and Pharmaceutical Bulletin, 2018, 41, 1001-1005. | 0.6 | 7 |
| 1718 | Ethyl Acetate Fraction of <i>Hemerocallis citrina</i> Baroni Decreases Tert-butyl Hydroperoxide-Induced Oxidative Stress Damage in BRL-3A Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13. | 1.9 | 18 |
| 1719 | Cytoprotective effect of 2-carbomethoxy-2,3-epoxy-3-prenyl-1,4-naphthoquinone (CMEP-NQ) is mediated by the inhibition of BAK-dependent mitochondrial apoptosis pathway. PLoS ONE, 2018, 13, e0204585. | 1.1 | 2 |
| 1720 | HTLV-1 infection-induced motor dysfunction, memory impairment, depression, and brain tissues oxidative damage in female BALB/c mice. Life Sciences, 2018, 212, 9-19. | 2.0 | 8 |
| 1721 | Oxidative Stress-Protective and Anti-Melanogenic Effects of Loliolide and Ethanol Extract from Fresh Water Green Algae, <i>Prasiola japonica</i> . International Journal of Molecular Sciences, 2018, 19, 2825. | 1.8 | 24 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1722 | Oleanolic acid protects against oxidative stress-induced human umbilical vein endothelial cell injury by activating AKT/eNOS signaling. <i>Molecular Medicine Reports</i> , 2018, 18, 3641-3648. | 1.1 | 17 |
| 1723 | Fenofibrate improves renal function by amelioration of NOX4, IL18, and p53 expression in an experimental model of diabetic nephropathy. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7458-7469. | 1.2 | 51 |
| 1724 | The impact of environmental contamination on the generation of reactive oxygen and nitrogen species – Consequences for plants and humans. <i>Environment International</i> , 2018, 119, 133-151. | 4.8 | 36 |
| 1725 | Cytotoxic effects of Benzodioxane, Naphthalene diimide, Porphyrin and Acetamol derivatives on HeLa cells. <i>SAGE Open Medicine</i> , 2018, 6, 205031211878196. | 0.7 | 29 |
| 1726 | Selenium-Dependent Antioxidant Enzymes: Actions and Properties of Selenoproteins. <i>Antioxidants</i> , 2018, 7, 66. | 2.2 | 260 |
| 1727 | Involvement of Bax and Bcl-2 in Induction of Apoptosis by Essential Oils of Three Lebanese Salvia Species in Human Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 292. | 1.8 | 47 |
| 1728 | Novel combination of thymoquinone and resveratrol enhances anticancer effect on hepatocellular carcinoma cell line. <i>Future Journal of Pharmaceutical Sciences</i> , 2018, 4, 41-46. | 1.1 | 20 |
| 1729 | Mitigation of cell apoptosis induced by ochratoxin A (OTA) is possibly through organic cation transport 2 (OCT2) knockout. <i>Food and Chemical Toxicology</i> , 2018, 121, 15-23. | 1.8 | 10 |
| 1730 | Characterization, antioxidant and antiinflammation of mycelia selenium polysaccharides from <i>Hypsizygus marmoreus</i> SK-03. <i>Carbohydrate Polymers</i> , 2018, 201, 566-574. | 5.1 | 35 |
| 1731 | Impacts of isopyrazam exposure on the development of early-life zebrafish (<i>Danio rerio</i>). <i>Environmental Science and Pollution Research</i> , 2018, 25, 23799-23808. | 2.7 | 11 |
| 1732 | Effects of cigarette smoke extracts on apoptosis and oxidative stress in two models of ovarian cancer in vitro. <i>Toxicology in Vitro</i> , 2018, 52, 161-169. | 1.1 | 14 |
| 1733 | Choline, not folate, can attenuate the teratogenic effects of dibutyl phthalate (DBP) during early chick embryo development. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29763-29779. | 2.7 | 9 |
| 1734 | Polyphenols-Induced Apoptosis by <i>Murraya Koenigii</i> against Lymphatic Filarial Parasite and Its Therapeutic Implication. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2019, 25, 363-376. | 0.5 | 1 |
| 1735 | Intracellular Delivery of Glucose Oxidase for Enhanced Cytotoxicity toward PSMA-Expressing Prostate Cancer Cells. <i>Macromolecular Bioscience</i> , 2019, 19, 1900183. | 2.1 | 7 |
| 1736 | Delayed Pulmonary Apoptosis of Diet-Induced Obesity Mice following <i>Escherichia coli</i> Infection through the Mitochondrial Apoptotic Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15. | 1.9 | 5 |
| 1737 | Toxicity of arsenic on isolated human lymphocytes: The key role of cytokines and intracellular calcium enhancement in arsenic-induced cell death. <i>Main Group Metal Chemistry</i> , 2019, 42, 125-134. | 0.6 | 18 |
| 1738 | Rosmarinic Acid, the Main Effective Constituent of <i>Orthosiphon stamineus</i> , Inhibits Intestinal Epithelial Apoptosis Via Regulation of the Nrf2 Pathway in Mice. <i>Molecules</i> , 2019, 24, 3027. | 1.7 | 20 |
| 1739 | An Aqueous Extract of <i>Octopus ocellatus</i> Meat Protects Hepatocytes Against H ₂ O ₂ -Induced Oxidative Stress via the Regulation of Bcl-2/Bax Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 597-610. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1740 | Evaluation of the antioxidant and cytotoxic activities of zinc oxide nanoparticles synthesized using scutellaria baicalensis root. <i>Scientific African</i> , 2019, 6, e00157. | 0.7 | 24 |
| 1741 | Aspirin Eugenol Ester Reduces H ₂ O ₂ -Induced Oxidative Stress of HUVECs via Mitochondria-Lysosome Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11. | 1.9 | 18 |
| 1742 | Anticancer Effect of Deuterium Depleted Water - Redox Disbalance Leads to Oxidative Stress. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2373-2387. | 2.5 | 34 |
| 1743 | Plant protein diet suppressed immune function by inhibiting spiral valve intestinal mucosal barrier integrity, anti-oxidation, apoptosis, autophagy and proliferation responses in amur sturgeon (<i>Acipenser schrenckii</i>). <i>Fish and Shellfish Immunology</i> , 2019, 94, 711-722. | 1.6 | 33 |
| 1744 | Acrylonitrile butadiene styrene (ABS) and polycarbonate (PC) filaments three-dimensional (3-D) printer emissions-induced cell toxicity. <i>Toxicology Letters</i> , 2019, 317, 1-12. | 0.4 | 56 |
| 1745 | Rehmannioside A attenuates cognitive deficits in rats with vascular dementia (VD) through suppressing oxidative stress, inflammation and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109492. | 2.5 | 42 |
| 1746 | Does intraoperative verapamil administration in kidney transplantation improve graft function. <i>Clinical Transplantation</i> , 2019, 33, e13635. | 0.8 | 4 |
| 1747 | A lysosome-targetable fluorescent probe for real-time imaging cysteine under oxidative stress in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 117175. | 2.0 | 19 |
| 1748 | Mechanism of Apoptosis Induced by Curcumin in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2454. | 1.8 | 103 |
| 1749 | H ₂ O ₂ Metabolism in Normal Thyroid Cells and in Thyroid Tumorigenesis: Focus on NADPH Oxidases. <i>Antioxidants</i> , 2019, 8, 126. | 2.2 | 45 |
| 1750 | Biochemical evidence on the potential role of methyl mercury in hepatic glucose metabolism through inflammatory signaling and free radical pathways. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16195-16205. | 1.2 | 36 |
| 1751 | Conformational and functional effects of MPA-CdTe quantum dots on SOD: Evaluating the mechanism of oxidative stress induced by quantum dots in the mouse nephrocytes. <i>Journal of Molecular Recognition</i> , 2019, 32, e2783. | 1.1 | 3 |
| 1752 | Sacculatane diterpenoids from the Chinese liverwort <i>Pellia epiphylla</i> with protection against H ₂ O ₂ -induced apoptosis of PC12 cells. <i>Phytochemistry</i> , 2019, 162, 173-182. | 1.4 | 6 |
| 1753 | The natural plant flavonoid apigenin is a strong antioxidant that effectively delays peripheral neurodegenerative processes. <i>Anatomical Science International</i> , 2019, 94, 285-294. | 0.5 | 50 |
| 1754 | Ameliorative effect of gossypin against acute lung injury in experimental sepsis model of rats. <i>Life Sciences</i> , 2019, 221, 327-334. | 2.0 | 52 |
| 1755 | Activation of p53-Mediated Apoptosis Pathway in HSC3 Cancer Cell Irradiated by Atmospheric DBD Oxygen Plasma. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 1093-1099. | 0.6 | 14 |
| 1756 | Loliolide Presents Antiapoptosis and Antiscratching Effects in Human Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 651. | 1.8 | 24 |
| 1757 | Growth and toxicity of <i>Halomicronema metazoicum</i> (Cyanoprokaryota, Cyanophyta) at different conditions of light, salinity and temperature. <i>Biology Open</i> , 2019, 8, . | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1758 | A Natural Quinazoline Derivative from Marine Sponge <i>Hyrtilos erectus</i> Induces Apoptosis of Breast Cancer Cells via ROS Production and Intrinsic or Extrinsic Apoptosis Pathways. <i>Marine Drugs</i> , 2019, 17, 658. | 2.2 | 19 |
| 1759 | Influence of idebenone on ram semen quality stored at 4°C. <i>Reproduction in Domestic Animals</i> , 2019, 54, 486-497. | 0.6 | 7 |
| 1760 | Macrolides induce severe cardiotoxicity and developmental toxicity in zebrafish embryos. <i>Science of the Total Environment</i> , 2019, 649, 1414-1421. | 3.9 | 58 |
| 1761 | The apoptosis of <i>Staphylococcus aureus</i> induced by glycinin basic peptide through ROS oxidative stress response. <i>LWT - Food Science and Technology</i> , 2019, 99, 62-68. | 2.5 | 30 |
| 1762 | The <i>Neurospora</i> RNA polymerase II kinase CTK negatively regulates catalase expression in a chromatin context-dependent manner. <i>Environmental Microbiology</i> , 2020, 22, 76-90. | 1.8 | 3 |
| 1763 | Oxidative stress induces apoptosis via calpain- and caspase-3-mediated cleavage of ATM in pancreatic acinar cells. <i>Free Radical Research</i> , 2020, 54, 799-809. | 1.5 | 5 |
| 1764 | Atorvastatin-loaded SBA-16 nanostructures: Synthesis, physical characterization, and biochemical alterations in hyperlipidemic rats. <i>Journal of Molecular Structure</i> , 2020, 1202, 127296. | 1.8 | 15 |
| 1765 | Teneligliptin prevents doxorubicin-induced inflammation and apoptosis in H9c2 cells. <i>Archives of Biochemistry and Biophysics</i> , 2020, 683, 108238. | 1.4 | 14 |
| 1766 | Microcystin-LR induced oxidative stress, inflammation, and apoptosis in alveolar type II epithelial cells of ICR mice in vitro. <i>Toxicol</i> , 2020, 174, 19-25. | 0.8 | 9 |
| 1767 | Green synthesized zinc oxide nanoparticles regulates the apoptotic expression in bone cancer cells MG-63 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 202, 111644. | 1.7 | 46 |
| 1768 | In Situ Imaging of Cysteine in the Brains of Mice with Epilepsy by a Near-Infrared Emissive Fluorescent Probe. <i>Analytical Chemistry</i> , 2020, 92, 2802-2808. | 3.2 | 49 |
| 1769 | Chronic exposure of hydrogen peroxide alters redox state, apoptosis and endoplasmic reticulum stress in common carp (<i>Cyprinus carpio</i>). <i>Aquatic Toxicology</i> , 2020, 229, 105657. | 1.9 | 32 |
| 1770 | High-dose Nandrolone Decanoate induces oxidative stress and inflammation in retroperitoneal adipose tissue of male rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 203, 105728. | 1.2 | 3 |
| 1771 | A novel coordination complex of platinum (PT) induces cell death in colorectal cancer by altering redox balance and modulating MAPK pathway. <i>BMC Cancer</i> , 2020, 20, 685. | 1.1 | 14 |
| 1772 | Hydrogen Peroxide Causes Cell Death via Increased Transcription of HOXB13 in Human Lung Epithelial A549 Cells. <i>Toxics</i> , 2020, 8, 78. | 1.6 | 2 |
| 1773 | The Curcumin Analogue, MS13 (1,5-Bis(4-hydroxy-3-methoxyphenyl)-1,4-pentadiene-3-one), Inhibits Cell Proliferation and Induces Apoptosis in Primary and Metastatic Human Colon Cancer Cells. <i>Molecules</i> , 2020, 25, 3798. | 1.7 | 17 |
| 1774 | Downregulated RPS-30 in <i>Angiostrongylus cantonensis</i> L5 plays a defensive role against damage due to oxidative stress. <i>Parasites and Vectors</i> , 2020, 13, 617. | 1.0 | 3 |
| 1775 | Molecular changes in glaucomatous trabecular meshwork. Correlations with retinal ganglion cell death and novel strategies for neuroprotection. <i>Progress in Brain Research</i> , 2020, 256, 151-188. | 0.9 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1776 | On the dose of plasma medicine: Equivalent total oxidation potential (ETOP). <i>Physics of Plasmas</i> , 2020, 27, . | 0.7 | 78 |
| 1777 | The pro-apoptotic ARTS protein induces neutrophil apoptosis, efferocytosis, and macrophage reprogramming to promote resolution of inflammation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 558-573. | 2.2 | 14 |
| 1778 | Targeting XIAP for Promoting Cancer Cell Deathâ€”The Story of ARTS and SMAC. <i>Cells</i> , 2020, 9, 663. | 1.8 | 70 |
| 1779 | The Protective Effect of Basic Fibroblast Growth Factor on Diabetic Nephropathy Through Remodeling Metabolic Phenotype and Suppressing Oxidative Stress in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 66. | 1.6 | 15 |
| 1780 | Anticancer effects of a traditional Thai herbal recipe Benja Amarith extracts against human hepatocellular carcinoma and colon cancer cell by targeting apoptosis pathways. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112732. | 2.0 | 15 |
| 1781 | The Thioredoxin System: A Promising Target for Cancer Drug Development. <i>Chemistry - A European Journal</i> , 2020, 26, 10175-10184. | 1.7 | 56 |
| 1782 | 5-(Carbamoylmethylene)-oxazolidin-2-ones as a Promising Class of Heterocycles Inducing Apoptosis Triggered by Increased ROS Levels and Mitochondrial Dysfunction in Breast and Cervical Cancer. <i>Biomedicines</i> , 2020, 8, 35. | 1.4 | 22 |
| 1783 | Inconsistently impairment of immune function and structural integrity of head kidney and spleen by vitamin A deficiency in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2020, 99, 243-256. | 1.6 | 14 |
| 1784 | Gallic acid prevents 1, 2â€”Dimethylhydrazine induced colon inflammation, toxicity, mucin depletion, and goblet cell disintegration. <i>Environmental Toxicology</i> , 2020, 35, 652-664. | 2.1 | 23 |
| 1785 | Biosynthesis of Copper Oxide Nanoparticles Using <i>Lactobacillus casei</i> Subsp. <i>Casei</i> and its Anticancer and Antibacterial Activities. <i>Current Nanoscience</i> , 2020, 16, 101-111. | 0.7 | 62 |
| 1786 | Histological, oxidative and immune changes in response to 9,10-phenanthrenequinone, retene and phenanthrene in <i>Takifugu obscurus</i> liver. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 827-836. | 0.9 | 8 |
| 1787 | The effect of streptozotocin induced diabetes on sperm function: a closer look at AGEs, RAGEs, MAPKs and activation of the apoptotic pathway. <i>Toxicological Research</i> , 2021, 37, 35-46. | 1.1 | 5 |
| 1788 | <i>Mycoplasma gallisepticum</i> infection triggered histopathological changes, oxidative stress and apoptosis in chicken thymus and spleen. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103832. | 1.0 | 20 |
| 1789 | Vitamin C: historical perspectives and heart failure. <i>Heart Failure Reviews</i> , 2021, 26, 699-709. | 1.7 | 9 |
| 1790 | Dietary teprenone enhances non-specific immunity, antioxidative response and resistance to hypoxia induced oxidative stress in <i>Lateolabrax maculatus</i> . <i>Aquaculture</i> , 2021, 533, 736126. | 1.7 | 11 |
| 1791 | Mechanisms of Secretory Dysfunction in Autoimmune Sjögrenâ€™s Syndrome. , 2021, , 33-58. | | 0 |
| 1792 | Cell death induction (extrinsic versus intrinsic apoptotic pathway) by intestinal ischemiaâ€”reperfusion injury in rats is time-dependent. <i>Pediatric Surgery International</i> , 2021, 37, 369-376. | 0.6 | 2 |
| 1793 | Antioxidant defence system based oxidative stress mitigation through dietary jamun tree leaf in experimentally infected snubnose pompano, <i>Trachinotus blochii</i> . <i>Fish Physiology and Biochemistry</i> , 2021, 47, 617-637. | 0.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1794 | Cryopreservation and oxidative stress in porcine oocytes. <i>Research in Veterinary Science</i> , 2021, 135, 20-26. | 0.9 | 8 |
| 1795 | Oxygen-release microspheres capable of releasing oxygen in response to environmental oxygen level to improve stem cell survival and tissue regeneration in ischemic hindlimbs. <i>Journal of Controlled Release</i> , 2021, 331, 376-389. | 4.8 | 27 |
| 1796 | Artificial Light at Night and Breast Cancer. , 0, , . | | 0 |
| 1797 | The effects of L-carnitine on renal function and gene expression of caspase-9 and Bcl-2 in monosodium glutamate-induced rats. <i>BMC Nephrology</i> , 2021, 22, 162. | 0.8 | 18 |
| 1798 | Effect of varicoceles on spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2022, 121, 114-124. | 2.3 | 15 |
| 1799 | Thiamine Alleviates High-Concentrate-Diet-Induced Oxidative Stress, Apoptosis, and Protects the Rumen Epithelial Barrier Function in Goats. <i>Frontiers in Veterinary Science</i> , 2021, 8, 663698. | 0.9 | 19 |
| 1800 | Anti-Hepatitis B virus activity and hepatoprotective effect of des(rhamnosyl) verbascoside from <i>Lindernia ruellioidea</i> in vitro. <i>Phytotherapy Research</i> , 2021, 35, 4555-4566. | 2.8 | 4 |
| 1801 | Effects of dietary supplementation of glucose oxidase, catalase, or both on reproductive performance, oxidative stress, fecal microflora and apoptosis in multiparous sows. <i>Animal Bioscience</i> , 2022, 35, 75-86. | 0.8 | 5 |
| 1802 | Can Endometriosis-Related Oxidative Stress Pave the Way for New Treatment Targets?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7138. | 1.8 | 35 |
| 1803 | The Impact of Red Dragon Fruit (<i>Hylocereus polyrhizus</i>) Consumption on Improving Cell Function in Mitochondria in Delaying Fatigue during Strenuous Exercise. , 2021, , . | | 0 |
| 1804 | Antifilarial Screening and Oxidative Role of Isolated Fraction from <i>Aegle Marmelos</i> Corr. Leaves Extract. <i>Biosciences, Biotechnology Research Asia</i> , 2021, 18, 395-401. | 0.2 | 0 |
| 1805 | Gomisin L1, a Lignan Isolated from <i>Schisandra</i> Berries, Induces Apoptosis by Regulating NADPH Oxidase in Human Ovarian Cancer Cells. <i>Life</i> , 2021, 11, 858. | 1.1 | 6 |
| 1806 | Atrial natriuretic peptide protects vertebral endplate chondrocytes against H ₂ O ₂ -induced apoptosis and oxidative stress through activation of the Nrf2/HO-1 signaling pathway. <i>Molecular Medicine Reports</i> , 2021, 24, . | 1.1 | 3 |
| 1807 | Protective effect of dapagliflozin against cyclosporine A-induced nephrotoxicity. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2637-2643. | 1.2 | 4 |
| 1808 | Tolerance assessment of dietary bile acids in common carp (<i>Cyprinus carpio</i> L.) fed a high plant protein diet. <i>Aquaculture</i> , 2021, 543, 737012. | 1.7 | 16 |
| 1809 | Assessment of modulatory activity of <i>Uncaria tomentosa</i> extract against fipronil immunotoxicity in male rats. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112674. | 2.9 | 3 |
| 1810 | Immunotoxic effects of force-fed ethephon on model organism <i>Galleria mellonella</i> (Lepidoptera:) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 1 | 1.2 | 8 |
| 1811 | Oxidative Stress and Gene Expression Modifications Mediated by Extracellular Vesicles: An In Vivo Study of the Radiation-Induced Bystander Effect. <i>Antioxidants</i> , 2021, 10, 156. | 2.2 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1812 | Apoptosis: Implications for inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 0, 6, 191-205. | 0.9 | 6 |
| 1813 | ATM, a paradigm for a stress-responsive signal transducer in higher vertebrate cells. <i>Sub-Cellular Biochemistry</i> , 2006, 40, 327-339. | 1.0 | 2 |
| 1814 | Potential Regulators of Physiological Cell Death in the Corpus Luteum. , 1997, , 161-181. | | 6 |
| 1815 | The Indoleamine Melatonin as a Free Radical Scavenger, Electron Donor, and Antioxidant. <i>Advances in Experimental Medicine and Biology</i> , 1996, 398, 307-313. | 0.8 | 27 |
| 1816 | Light-Induced Apoptosis in the Rat Retina in Vivo. , 1995, , 19-25. | | 17 |
| 1817 | Extracellular ATP-Induced Apoptosis in PC12 Cells. <i>Advances in Experimental Medicine and Biology</i> , 1998, 446, 73-83. | 0.8 | 10 |
| 1818 | Induction of Gene Expression by Environmental Oxidants Associated with Inflammation, Fibrogenesis, and Carcinogenesis. , 1997, , 387-414. | | 1 |
| 1819 | Reactive Oxygen Intermediates as Signaling Molecules Regulating Leukocyte Activation. , 1997, , 200-235. | | 4 |
| 1820 | Iron and Oxidative Stress in Neonatal Hypoxic-Ischemic Brain Injury Directions for Therapeutic Intervention. , 1997, , 205-236. | | 7 |
| 1821 | Peroxynitrite. <i>Advances in Experimental Medicine and Biology</i> , 1997, , 413-419. | 0.8 | 5 |
| 1822 | Free Radical-Mediated Cerebral Damage After Hypoxia/Ischemia and Stroke. , 1997, , 153-184. | | 5 |
| 1823 | Reactive Oxygen Species in Cell Fate Decisions. , 2009, , 199-221. | | 5 |
| 1824 | The Role of Obesity in ROS Generation and Male Infertility. , 2012, , 571-590. | | 5 |
| 1825 | Proteases from Inflammatory Cells: Regulation of Inflammatory Response. , 2011, , 73-100. | | 1 |
| 1826 | Oxidative stress and apoptosis. , 1995, , 21-26. | | 5 |
| 1827 | Granulocytes. , 1999, , 53-84. | | 2 |
| 1828 | Methodological and practical aspects for in vitro studies of oxidative stress on cell culture models (toxicity and protection). , 1995, , 261-275. | | 1 |
| 1829 | Role of Oxidative Stress in the Process of Carcinogenesis. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 173-198. | 0.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1830 | Protective Responses of Endothelial Cells. , 2000, , 91-103. | | 1 |
| 1831 | Reactive Oxygen Species and Apoptosis. Handbook of Experimental Pharmacology, 2000, , 275-318. | 0.9 | 5 |
| 1832 | Programmed Cell Death (Apoptosis) and the Immunologic Derangements of Critical Illness. , 2002, , 264-279. | | 1 |
| 1833 | Alteration of Cell Signalling in Chemical Toxicity. Archives of Toxicology Supplement, 1996, 18, 3-11. | 0.7 | 5 |
| 1834 | Sponges (Porifera) Molecular Model Systems to Study Cellular Differentiation in Metazoa. Progress in Molecular and Subcellular Biology, 1998, 21, 71-95. | 0.9 | 5 |
| 1835 | Regulation of Apoptosis via Steroid Receptors. Current Topics in Microbiology and Immunology, 1995, 200, 81-94. | 0.7 | 12 |
| 1836 | Apoptosis of Mature T Lymphocytes: Putative Role in the Regulation of Cellular Immune Responses and in the Pathogenesis of HIV Infection. Progress in Molecular and Subcellular Biology, 1996, 16, 58-71. | 0.9 | 4 |
| 1837 | bcl-2: Antidote for Cell Death. Progress in Molecular and Subcellular Biology, 1996, 16, 72-86. | 0.9 | 5 |
| 1838 | Ceramide, a Mediator of Cytosine Arabinoside Induced Apoptosis. Molecular Biology Intelligence Unit, 1997, , 77-90. | 0.2 | 1 |
| 1839 | Oxidant and Antioxidant Status of Patients with Chronic Leg Ulcer Before and After Low Intensity Laser Therapy. NATO Science for Peace and Security Series A: Chemistry and Biology, 2011, , 263-276. | 0.5 | 1 |
| 1840 | The inflammatory cascade of liver ischemia and reperfusion: from the donor to the recipient. , 1998, , 181-208. | | 1 |
| 1841 | Oxidative Stress and Male Infertility. , 2017, , 151-165. | | 6 |
| 1842 | Impact of Genetic and Epigenetic Factors on the Oxidative Stress in Cardiovascular Disease. , 2019, , 107-128. | | 2 |
| 1843 | Iodine Deficiency, Antioxidant Response and Mutagenesis in the Thyroid Gland. , 2009, , 549-558. | | 1 |
| 1844 | Role of Thioredoxin and Redox Regulation in Oxidative Stress Response and Signaling. , 2000, , 297-310. | | 3 |
| 1846 | Lipid hydroperoxide generation, turnover, and effector action in biological systems. Journal of Lipid Research, 1998, 39, 1529-1542. | 2.0 | 969 |
| 1847 | Oxidized low density lipoproteins induce apoptosis in PHA-activated peripheral blood mononuclear cells and in the Jurkat T-cell line. Journal of Lipid Research, 1999, 40, 1200-1210. | 2.0 | 29 |
| 1848 | A survey of reactive oxygen species and their role in dermatology. , 1997, 8, 185. | | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1849 | Plant stress hormones suppress the proliferation and induce apoptosis in human cancer cells. , 0, . | | 1 |
| 1850 | Structure and Function of Vertebrate Metallothioneins. <i>Metal Ions in Life Sciences</i> , 2009, , 279-317. | 1.0 | 16 |
| 1851 | Oxidative Stress and Atherosclerosis: Its Relationship to Growth Factors, Thrombus Formation and Therapeutic Approaches. <i>Thrombosis and Haemostasis</i> , 1999, 82, 32-37. | 1.8 | 47 |
| 1852 | Lemon juice bioactivity in vitro increased with lactic acid fermentation. <i>International Journal of Food Properties</i> , 2021, 24, 28-40. | 1.3 | 8 |
| 1853 | Antioxidative Properties of Pyruvate and Protection of the Ischemic Rat Heart During Cardioplegia. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 651-659. | 0.8 | 106 |
| 1854 | Oxidative Stress Developed During Open Heart Surgery Induces Apoptosis: Reduction of Apoptotic Cell Death by Ebselen, a Glutathione Peroxidase Mimic. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, 601-608. | 0.8 | 29 |
| 1855 | Signaling of Apoptotic Lung Injury by Lipid Hydroperoxides. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 44, 783-788. | 1.1 | 30 |
| 1856 | Antioxidant administration inhibits exercise-induced thymocyte apoptosis in rats. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1594. | 0.2 | 31 |
| 1857 | Apoptosis After Intestinal Ischemia-Reperfusion Injury. <i>Transplantation</i> , 1997, 64, 1393-1397. | 0.5 | 79 |
| 1858 | MODULATION OF CORONARY VASOMOTOR TONE BY CYTOKINES IN CARDIAC TRANSPLANT RECIPIENTS. <i>Transplantation</i> , 1999, 68, 1263-1267. | 0.5 | 30 |
| 1859 | Review: Role of Neopterin and 7,8-Dihydroneopterin in Human Immunodeficiency Virus Infection: Marker for Disease Progression and Pathogenic Link. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 13, 184-193. | 0.3 | 17 |
| 1860 | Increased long-term recreational physical activity is associated with older age at natural menopause among heavy smokers. <i>Menopause</i> , 2013, 20, 282-290. | 0.8 | 10 |
| 1861 | Oxidative stress in cells infected with bovine viral diarrhoea virus: a crucial step in the induction of apoptosis.. <i>Journal of General Virology</i> , 1999, 80, 1147-1155. | 1.3 | 100 |
| 1862 | A time to kill: viral manipulation of the cell death program. <i>Journal of General Virology</i> , 2002, 83, 1547-1564. | 1.3 | 238 |
| 1864 | Changes in the phosphorylation status of the 27 kDa heat shock protein (HSP27) associated with the modulation of growth and/or differentiation in MCF-7 cells. <i>Cell Proliferation</i> , 1997, 30, 21-35. | 2.4 | 19 |
| 1865 | CD4+T-cell counts, spontaneous apoptosis, and Fas expression in peripheral blood mononuclear cells obtained from human immunodeficiency virus type 1-infected subjects. <i>Vaccine Journal</i> , 1997, 4, 736-741. | 2.6 | 27 |
| 1866 | Apoptosis of monocytes and prolonged survival of granulocytes as a result of phagocytosis of bacteria. <i>Infection and Immunity</i> , 1996, 64, 4242-4248. | 1.0 | 103 |
| 1867 | H2O2 induces monocyte apoptosis and reduces viability of <i>Mycobacterium avium</i> -M. intracellulare within cultured human monocytes. <i>Infection and Immunity</i> , 1996, 64, 452-459. | 1.0 | 82 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1868 | Plasmodium falciparum induces apoptosis in human mononuclear cells. Infection and Immunity, 1996, 64, 744-750. | 1.0 | 102 |
| 1869 | Apoptosis of human monocytes and macrophages by Mycobacterium avium sonicate. Infection and Immunity, 1997, 65, 5262-5271. | 1.0 | 42 |
| 1870 | Induction of apoptosis of T cells by infecting mice with murine cytomegalovirus. Journal of Virology, 1995, 69, 4769-4775. | 1.5 | 25 |
| 1871 | A Cytopathogenic, Apoptosis-Inducing Variant of Hepatitis A Virus. Journal of Virology, 1998, 72, 3370-3376. | 1.5 | 81 |
| 1872 | Redox and Activation Status of Monocytes from Human Immunodeficiency Virus-Infected Patients: Relationship with Viral Load. Journal of Virology, 1999, 73, 4561-4566. | 1.5 | 91 |
| 1873 | Apoptotic signal transduction: emerging pathways. Biochemistry and Cell Biology, 1998, 76, 573-82. | 0.9 | 44 |
| 1874 | Oxidation-Specific Epitopes in Human Coronary Atherosclerosis Are Not Limited to Oxidized Low-Density Lipoprotein. Circulation, 1996, 94, 1216-1225. | 1.6 | 61 |
| 1875 | Lewis A. Conner Memorial Lecture. Circulation, 1997, 95, 1062-1071. | 1.6 | 619 |
| 1876 | Ischemic Preconditioning Reduces Apoptosis By Upregulating Anti-Death Gene Bcl-2. Circulation, 1999, 100, . | 1.6 | 12 |
| 1877 | Imaging Reactive Oxygen Species in Arthritis. Molecular Imaging, 2004, 3, 159-162. | 0.7 | 31 |
| 1878 | Redox control of resistance to cis-diamminedichloroplatinum (II) (CDDP): protective effect of human thioredoxin against CDDP-induced cytotoxicity.. Journal of Clinical Investigation, 1996, 97, 2268-2276. | 3.9 | 174 |
| 1879 | TLR4 signaling induces TLR2 expression in endothelial cells via neutrophil NADPH oxidase. Journal of Clinical Investigation, 2003, 112, 1234-1243. | 3.9 | 234 |
| 1880 | Complement-independent Ab-induced peroxide lysis of platelets requires 12-lipoxygenase and a platelet NADPH oxidase pathway. Journal of Clinical Investigation, 2004, 113, 973-980. | 3.9 | 63 |
| 1881 | Involvement of Reactive Oxygen Intermediates in Spontaneous and CD95(Fas/APO-1)-Mediated Apoptosis of Neutrophils. Blood, 1997, 89, 1748-1753. | 0.6 | 13 |
| 1882 | Death of Bystander Cells by a Novel Pathway Involving Early Mitochondrial Damage in Human Immunodeficiency Virus-Related Lymphadenopathy. Blood, 1997, 90, 209-216. | 0.6 | 14 |
| 1883 | A Role for T-Helper Type-1 and Type-2 Cytokines in the Regulation of Human Monocyte Apoptosis. Blood, 1997, 90, 1618-1625. | 0.6 | 4 |
| 1884 | A20 Inhibits NF- κ B Activation in Endothelial Cells Without Sensitizing to Tumor Necrosis Factor-Mediated Apoptosis. Blood, 1998, 91, 2249-2258. | 0.6 | 9 |
| 1885 | Involvement of Caspases in Neutrophil Apoptosis: Regulation by Reactive Oxygen Species. Blood, 1998, 92, 4808-4818. | 0.6 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1886 | The Novel Synthetic Retinoid 6-[3-adamantyl-4-hydroxyphenyl]-2-naphthalene Carboxylic Acid (CD437) Causes Apoptosis in Acute Promyelocytic Leukemia Cells Through Rapid Activation of Caspases. <i>Blood</i> , 1999, 93, 1045-1061. | 0.6 | 11 |
| 1887 | Serotonin protects NK cells against oxidatively induced functional inhibition and apoptosis. <i>Journal of Leukocyte Biology</i> , 2001, 70, 65-72. | 1.5 | 50 |
| 1888 | Neutrophil-Kupffer cell interaction: a critical component of host defenses to systemic bacterial infections. <i>Journal of Leukocyte Biology</i> , 2002, 72, 239-248. | 1.5 | 135 |
| 1890 | Redox Regulation of Gene Expression and Transcription Factors in Response to Environmental Oxidants. , 2001, , . | | 1 |
| 1891 | In Vitro Toxicological Assessment of Heavy Metals and Intracellular Mechanisms of Toxicity. , 2002, , . | | 3 |
| 1892 | Multiple apoptotic death types triggered through activation of separate pathways by cAMP and inhibitors of protein phosphatases in one (IPC leukemia) cell line. <i>Journal of Cell Science</i> , 1994, 107, 3363-3377. | 1.2 | 79 |
| 1893 | H2O2 acts on cellular membranes to generate ceramide signaling and initiate apoptosis in tracheobronchial epithelial cells. <i>Journal of Cell Science</i> , 1998, 111, 3209-3220. | 1.2 | 130 |
| 1894 | Chronic emotional stress exposure increases infarct size in rats: The role of oxidative and nitrosative damage in response to sympathetic hyperactivity. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2008, 30, 745. | 0.8 | 22 |
| 1895 | The Effect of In Vitro Cultivation on the Transcriptome of Adult <i>Brugia malayi</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004311. | 1.3 | 22 |
| 1896 | The Chemopreventive Effects of Protandim: Modulation of p53 Mitochondrial Translocation and Apoptosis during Skin Carcinogenesis. <i>PLoS ONE</i> , 2010, 5, e11902. | 1.1 | 28 |
| 1898 | Reactive oxygen species and the mitochondrial signaling pathway of cell death. <i>Histology and Histopathology</i> , 2005, 20, 205-19. | 0.5 | 277 |
| 1899 | Monthly Update Cardiovascular & Renal: Apoptosis in cardiac health and disease. <i>Expert Opinion on Investigational Drugs</i> , 1996, 5, 1391-1398. | 1.9 | 1 |
| 1900 | Participation of reactive oxygen species in PGF2alpha-induced apoptosis in rat luteal cells. <i>Reproduction</i> , 2000, , 239-245. | 1.1 | 48 |
| 1901 | Neutrophil apoptosis and hypoxia. <i>Fiziologichnyi Zhurnal (Kiev, Ukraine)</i> : 1994), 2010, 56, 115-124. | 0.1 | 12 |
| 1902 | VDAC1 at the crossroads of cell metabolism, apoptosis and cell stress. <i>Cell Stress</i> , 2017, 1, 11-36. | 1.4 | 101 |
| 1903 | Cilostazol, um inibidor da fosfodiesterase III: perspectivas futuras na aterosclerose. <i>Arquivos Brasileiros De Cardiologia</i> , 2006, 87, e222-e226. | 0.3 | 8 |
| 1904 | Relationship between Expression of Bcl-2 Genes and Growth Factors in Ischemic Acute Renal Failure in the Rat. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 454-467. | 3.0 | 172 |
| 1905 | Role of Ceramide Synthase in Oxidant Injury to Renal Tubular Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2384-2391. | 3.0 | 31 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1906 | De Novo Demonstration and Co-localization of Free-Radical Production and Apoptosis Formation in Rat Kidney Subjected to Ischemia/Reperfusion. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 973-982. | 3.0 | 201 |
| 1907 | Aggravation of polycystic kidney disease in Han. <i>Journal of the American Society of Nephrology: JASN</i> , 1997, 8, 1283-1291. | 3.0 | 35 |
| 1909 | Fatty acid and phospholipid chlorohydrins cause cell stress and endothelial adhesion.. <i>Acta Biochimica Polonica</i> , 2006, 53, 761-768. | 0.3 | 23 |
| 1910 | Hepatic histopathology and apoptosis in diet-induced-obese mice under <i>Escherichia coli</i> pneumonia. <i>Aging</i> , 2019, 11, 2836-2851. | 1.4 | 6 |
| 1911 | Protective effect of DHEA on hydrogen peroxide-induced oxidative damage and apoptosis in primary rat Leydig cells. <i>Oncotarget</i> , 2017, 8, 16158-16169. | 0.8 | 12 |
| 1912 | Propranolol reduces systemic oxidative stress and endotoxemia in cirrhotic patients with esophageal varices. <i>Annals of Gastroenterology</i> , 2017, 31, 224-230. | 0.4 | 3 |
| 1913 | Oxidative Stress Produced by Drugs and Chemicals and the Induction of Heme Oxygenase.. <i>Drug Metabolism and Pharmacokinetics</i> , 1997, 12, 531-542. | 0.0 | 3 |
| 1914 | Oxidative Stress As A Common Mediator for Apoptosis Induced-Cardiac Damage in Diabetic Rats. <i>Open Cardiovascular Medicine Journal</i> , 2008, 2, 70-78. | 0.6 | 35 |
| 1915 | The hypothetical ancestral animal the Urmetazoa: Telomerase activity in sponges [Porifera]. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 257-268. | 0.4 | 7 |
| 1916 | Molecular basis of parthenolide-dependent proapoptotic activity in cancer cells.. <i>Folia Histochemica Et Cytobiologica</i> , 2008, 46, 129-35. | 0.6 | 72 |
| 1917 | The molecular basis of ovarian cell death during germ cell attrition follicular atresia and luteolysis. <i>Frontiers in Bioscience - Landmark</i> , 1996, 1, d1-11. | 3.0 | 42 |
| 1918 | Chemical Sensitization of Apoptosis Induced by Hyperthermia.. <i>Thermal Medicine(Japanese Journal of)</i> Tj ETQq1 1 0,784314 rgBT /Overl | 0.4 | 8 |
| 1919 | Apoptotic Effect of Organophosphorus Insecticide Diazinon on Rat Ovary and Protective Effect of Vitamin E. <i>Iranian Journal of Toxicology</i> , 2016, 10, 37-44. | 0.1 | 8 |
| 1920 | Mechanisms of acupuncture and moxibustion in regulation of epithelial cell apoptosis in rat ulcerative colitis. <i>World Journal of Gastroenterology</i> , 2004, 10, 682. | 1.4 | 31 |
| 1921 | Antioxidant effects of the orientin and vitexin in <i>Trollius chinensis</i> Bunge in D-galactose-aged mice. <i>Neural Regeneration Research</i> , 2012, 7, 2565-75. | 1.6 | 77 |
| 1922 | Cannabidiol Induces Cytotoxicity and Cell Death via Apoptotic Pathway in Cancer Cell Lines. <i>Biomolecules and Therapeutics</i> , 2008, 16, 87-94. | 1.1 | 21 |
| 1923 | Glutathione peroxidase, superoxide dismutase and catalase activities in children with chronic hepatitis. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 972-977. | 0.3 | 10 |
| 1924 | Diabetes, an inflammatory process: Oxidative Stress and TNF-alpha involved in hepatic complication. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 645-653. | 0.2 | 45 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1925 | Gallic Acid Isolated from Pomegranate Peel Extract Induces Reactive Oxygen Species Mediated Apoptosis in A549 Cell Line. <i>Journal of Cancer Therapy</i> , 2011, 02, 638-645. | 0.1 | 19 |
| 1926 | Les caspases, les protéases à cystéine de l'apoptose : un enjeu thérapeutique pour demain ?. <i>Medecine/Sciences</i> , 1998, 14, 9. | 0.0 | 7 |
| 1928 | Garlic Powder Attenuates Apoptosis Associated with Lead Acetate-Induced Testicular Damage in Adult Male Rats. <i>Alexandria Journal of Veterinary Sciences</i> , 2017, 54, 70. | 0.0 | 5 |
| 1929 | Transgenesis and Germ Cell Engineering in Domestic Animals. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 910-927. | 2.4 | 9 |
| 1930 | The protection role of heat shock protein 70 (HSP-70) in the testes of cadmium-exposed rats. <i>Bioinformation</i> , 2012, 8, 58-64. | 0.2 | 26 |
| 1931 | Functional genomics of abiotic environmental adaptation in lacertid lizards and other vertebrates. <i>Journal of Animal Ecology</i> , 2022, 91, 1163-1179. | 1.3 | 4 |
| 1932 | Antioxidants: Protection Versus Apoptosis. <i>Handbook of Experimental Pharmacology</i> , 2000, , 257-273. | 0.9 | 0 |
| 1933 | Why does chronic inflammation persist? A radical autoimmune perspective. , 2000, , 183-194. | | 0 |
| 1934 | <i>Helicobacter pylori</i> and the epithelial barrier: role of oxidative injury. , 2000, , 155-168. | | 0 |
| 1935 | Air pollution and oxidative stress. , 2000, , 513-554. | | 0 |
| 1936 | Thiols to Treat AIDS. <i>Modern Nutrition</i> , 2000, , 77-96. | 0.1 | 0 |
| 1937 | Melatonin and Immune Functions. , 2001, , 371-383. | | 1 |
| 1938 | Radicals and Inflammation. , 2001, , . | | 0 |
| 1939 | Role of Oxidative Stress in Chemical Carcinogenesis. , 2001, , . | | 0 |
| 1940 | Spices as Potent Antioxidants with Therapeutic Potential. , 2001, , . | | 0 |
| 1941 | Nutritional Management of Immunocompromised Patients: Emphasis on HIV and AIDS Patients. , 2002, , 267-290. | | 0 |
| 1942 | Nutritional Management of Immunocompromised Patients. <i>Modern Nutrition</i> , 2002, , 267-289. | 0.1 | 0 |
| 1944 | Retinitis Pigmentosa. <i>Oxidative Stress and Disease</i> , 2003, , . | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1945 | Redox Regulation of Apoptosis. <i>Oxidative Stress and Disease</i> , 2003, , . | 0.3 | 0 |
| 1947 | Application of Apoptogenic Pretreatment to Enhance Anti-tumor Immunity of Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF)-secreting CT26 Tumor Cells. <i>Immune Network</i> , 2005, 5, 110. | 1.6 | 0 |
| 1948 | The Role of the Endothelium in Severe Sepsis and Multiple Organ Dysfunction. , 2005, , 416-432. | | 1 |
| 1949 | Participation of xanthinoxidase system in oxidative stress development at radiation action. <i>Biopolymers and Cell</i> , 2006, 22, 132-135. | 0.1 | 0 |
| 1950 | Redox Sensing and Cardiac Myocyte Loss: Some Recent Insights. <i>American Journal of Biochemistry and Biotechnology</i> , 2007, 3, 225-232. | 0.1 | 0 |
| 1951 | Mitochondrion: Key Factors in Acute Heart Failure. , 2008, , 124-133. | | 0 |
| 1952 | Effects of Exercise on Hsp70 Knock-out Mice Fetuses Exposed to Maternal Hyperthermia. <i>Korean Journal of Sport Science</i> , 2008, 19, 34-43. | 0.0 | 1 |
| 1953 | Recent advances in pathogenesis and regenerative medicine for salivary gland disorder. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2009, 55, 2-10. | 0.0 | 0 |
| 1954 | Effects of Selenium on the Activity of Antioxidant Enzymes in the Shrimp, <i>Neocaridina heteropoda</i> . <i>Israeli Journal of Aquaculture - Bamidgeh</i> , 0, , . | 0.0 | 3 |
| 1955 | The Anticarcinogenic and Antioxidative Activity of <i>Hemicentrotus pulcherrimus</i> Fractions in Various Cancer Cells.. <i>Journal of Life Science</i> , 2009, 19, 607-614. | 0.2 | 4 |
| 1956 | Cyclosporine-Induced Oxidative Stress and renal Dysfunction in Rat kidneys: A Possible Ameliorated Effect by Curcumin as an Antioxidant. <i>Bulletin of Egyptian Society for Physiological Sciences</i> , 2009, 29, 179-194. | 0.0 | 2 |
| 1957 | Effects of Dietary Manganese Supplementation on Antioxidant Enzyme Activity in the Shrimp (<i>Neocaridina heteropoda</i>). <i>Israeli Journal of Aquaculture - Bamidgeh</i> , 0, , . | 0.0 | 0 |
| 1958 | Oxidative Stress and the Antioxidative Capacity in Myocardial Infarction. , 2010, , 389-403. | | 1 |
| 1959 | Testicular Torsion-Detorsion- Histological and Biochemical Changes in Rat Testis. <i>Journal of Cytology & Histology</i> , 2012, 03, . | 0.1 | 2 |
| 1960 | Oxidative Stress in Cardiac Repair and Remodeling: Molecular Pathways and Therapeutic Strategies. , 2013, , 413-425. | | 0 |
| 1961 | Complex Copper Compounds with Pentaaminotetrazole Are the New Challenge in Treatment and Prevention of Free-Radical Conditions. <i>Chemistry Journal of Moldova</i> , 2013, 8, 6-13. | 0.3 | 1 |
| 1962 | Effect of pyrroloquinoline quinone (PQQ) on the SLE-like (Systemic Lupus Erythematosus) disease in MRL-lpr/lpr mice. , 1994, , 353-357. | | 0 |
| 1963 | Free radicals in the pathogenesis of diabetes and its complications. , 1995, , 191-201. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1964 | Programmed Death of T Cells in HIV Infection: Result of Immune Activation?. Current Topics in Microbiology and Immunology, 1995, 200, 213-221. | 0.7 | 6 |
| 1965 | Maintenance of the T Lymphocyte Pool by Inhibition of Apoptosis: A Novel Strategy of Immunostimulation?. Current Topics in Microbiology and Immunology, 1995, 200, 223-235. | 0.7 | 0 |
| 1966 | Measurement of one of the features of apoptosis: DNA fragmentation. , 1995, , 225-236. | | 0 |
| 1967 | The Molecular Basis of Ovarian Cell Death. , 1996, , 37-50. | | 2 |
| 1968 | Lymphocyte Apoptosis in HIV Infection. , 1996, , 133-159. | | 2 |
| 1969 | THE SUVIMAX STUDY: SCIENTIFIC JUSTIFICATION AND DESIGN OF A LARGE RANDOMIZED TRIAL FOR TESTING THE HEALTH EFFECTS OF A SUPPLEMENTATION WITH LOW DOSES OF ANTIOXIDANT VITAMINS AND TRACE ELEMENTS. , 1996, , 113-122. | | 0 |
| 1970 | Apoptosis in the heart: when and why?. , 1996, , 261-275. | | 2 |
| 1971 | Bcl-2 Protection of Mitochondrial Function Following Chemical Hypoxia/Aglycemia. , 1996, , 427-434. | | 0 |
| 1972 | Hemopoietic Cell Differentiation and Death By Retinoids. , 1996, , 155-165. | | 0 |
| 1973 | Ethanol-Induced Apoptosis and Oxidative Stress in Hepatocytes. Alcoholism: Clinical and Experimental Research, 1996, 20, 340A-346A. | 1.4 | 2 |
| 1974 | Possible Anti-Apoptotic Activity of Carnitines on Excitatory Amino Acid-Induced Neurotoxicity. , 1997, , 247-257. | | 0 |
| 1975 | Dissecting the Functions, Mechanisms, and Genes of Physiological Cell Death in Reproductive Tissues: An Overview. , 1997, , 1-7. | | 0 |
| 1976 | Immune dysregulation and CD4+ T cell loss in HIV-1 infection. , 1997, , 33-51. | | 0 |
| 1977 | HLA-DR Mediated Signals for Hematopoiesis and Induction of Apoptosis Involve But Are Not Limited to a Nitric Oxide Pathway. Blood, 1997, 90, 217-225. | 0.6 | 2 |
| 1978 | Dysregulation of Membrane-Bound Tumor Necrosis Factor- α and Tumor Necrosis Factor Receptors on Mononuclear Cells in Human Immunodeficiency Virus Type 1 Infection: Low Percentage of p75-Tumor Necrosis Factor Receptor Positive Cells in Patients With Advanced Disease and High Viral Load. Blood, 1997, 90, 2670-2679. | 0.6 | 0 |
| 1979 | Oxidations in Carcinogenesis. Another View from Cell Biological Aspects.. The Japanese Journal of Nutrition and Dietetics, 1998, 56, 243-252. | 0.1 | 0 |
| 1980 | Mitochondrial Dysfunction and Neurodegenerative Diseases. , 1998, , 265-296. | | 0 |
| 1981 | The Role of Macrophage-Derived Nitric Oxide in Tumor Cell Death. , 1998, , 253-265. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1982 | Radiation-induced Apoptosis in Rat Thymocytes. , 1998, , 77-83. | | 1 |
| 1983 | Effect of L-Carnitine on Human Immunodeficiency Virus-1 Infection-Associated Apoptosis: A Pilot Study. Blood, 1998, 91, 3817-3824. | 0.6 | 0 |
| 1984 | Regulation of cardiomyocyte apoptosis in ischemic reperfused mouse heart by glutathione peroxidase. , 1999, 196, 13-21. | | 27 |
| 1986 | Zerebrale Ischämie. , 1999, , 510-541. | | 0 |
| 1987 | Cell Cycle and Apoptosis. , 1999, , 131-169. | | 0 |
| 1988 | Heat Shock Proteins in Inflammation and Immunity. Handbook of Experimental Pharmacology, 1999, , 281-303. | 0.9 | 1 |
| 1989 | Apoptosis: Its role in the systemic inflammatory response syndrome and the involvement of cytokines. , 1999, , 213-226. | | 0 |
| 1990 | Hesperidin, A Citrus Bioflavonoid Reduces the Oxidative Stress in the Skin of Mouse Exposed to Partial Body β -Radiation. Transcriptomics: Open Access, 2015, 03, . | 0.2 | 1 |
| 1991 | Burns Cardiomyopathy in a Nigerian Child. Journal of Cardiovascular Disease Research (discontinued), 2015, 6, 200-203. | 0.1 | 0 |
| 1992 | Cryopreservation of Cord Blood Nucleated Cells Using Non-Penetrating Cryoprotectant PEO-1500. Problems of Cryobiology and Cryomedicine, 2016, 26, 24-34. | 0.3 | 1 |
| 1993 | Rosuvastatin Induces ROS-mediated Apoptosis in Human Prostate Cancer PC-3 Cells. Journal of Life Science, 2016, 26, 398-405. | 0.2 | 1 |
| 1994 | Đ'Ñ-Đ»ÑĈĈĐ½Đ¾ÑĈĐ°Đ Đ,Đ°Đ»ÑĈĈĐ½Ñ- Đ;ÑĈĐ¾Ñ†ĐμÑĐ, Đ² Đ¾ÑĈĐ³Đ°Đ½Ñ-Đ·Đ¼Ñ- ÑĐ²Đ,Đ½ĐμĐ¹ Đ;Ñ-Đ' ĐÑ-Ñ"ÑžĐ | 0.6 | 0 |
| 1995 | Clinicopathological Studies on The Effect of Papaya on experimentally induced short term hyperglycemia in rats. Zagazig Veterinary Journal, 2019, 47, 45-56. | 0.1 | 1 |
| 1996 | Proteasomal system related stress response in different cancer cell lines. Clinical and Experimental Health Sciences, 0, , . | 0.1 | 0 |
| 1999 | Apoptosis in Hepatocytes. , 2004, , 93-106. | | 0 |
| 2011 | Divergent signalling via APO-1/Fas and the TNF receptor, two homologous molecules involved in physiological cell death. EMBO Journal, 1994, 13, 4587-96. | 3.5 | 80 |
| 2012 | Superoxide anion is a natural inhibitor of FAS-mediated cell death. EMBO Journal, 1996, 15, 216-25. | 3.5 | 50 |
| 2013 | Human hsp27, Drosophila hsp27 and human alphaB-crystallin expression-mediated increase in glutathione is essential for the protective activity of these proteins against TNFalpha-induced cell death. EMBO Journal, 1996, 15, 2695-706. | 3.5 | 179 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2014 | DNA damage induced by tumour necrosis factor-alpha in L929 cells is mediated by mitochondrial oxygen radical formation. <i>Immunology</i> , 1995, 84, 543-8. | 2.0 | 83 |
| 2015 | Oxidative stress causes relocation of the lysosomal enzyme cathepsin D with ensuing apoptosis in neonatal rat cardiomyocytes. <i>American Journal of Pathology</i> , 1998, 152, 1151-6. | 1.9 | 199 |
| 2016 | Human melanocytes and melanoma cells constitutively express the Bcl-2 proto-oncogene in situ and in cell culture. <i>American Journal of Pathology</i> , 1995, 146, 651-9. | 1.9 | 65 |
| 2017 | Effect of vitamin A deficiency on the integrity of hepatocytes after partial hepatectomy. <i>American Journal of Pathology</i> , 1995, 147, 699-706. | 1.9 | 15 |
| 2018 | High molecular weight hyaluronan decreases UVB-induced apoptosis and inflammation in human epithelial corneal cells. <i>Molecular Vision</i> , 2009, 15, 577-83. | 1.1 | 84 |
| 2019 | Genoprotective effect of hyaluronic acid against benzalkonium chloride-induced DNA damage in human corneal epithelial cells. <i>Molecular Vision</i> , 2011, 17, 3364-70. | 1.1 | 30 |
| 2020 | Cardiovascular dysfunction in burns: review of the literature. <i>Annals of Burns and Fire Disasters</i> , 2012, 25, 26-37. | 0.3 | 35 |
| 2021 | Induction of early biomarkers in a thrombus-induced sheep model of ischemic heart failure. <i>Texas Heart Institute Journal</i> , 2013, 40, 511-20. | 0.1 | 6 |
| 2022 | Growth Inhibition and Apoptosis Induction of <i>Salvia chloroleuca</i> on MCF-7 Breast Cancer Cell Line. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 789-99. | 0.3 | 10 |
| 2023 | Elevation of mitochondrial transmembrane potential and reactive oxygen intermediate levels are early events and occur independently from activation of caspases in Fas signaling. <i>Journal of Immunology</i> , 1999, 162, 1466-79. | 0.4 | 196 |
| 2024 | Involvement of P53 and Bax/Bad triggering apoptosis in thioacetamide-induced hepatic epithelial cells. <i>World Journal of Gastroenterology</i> , 2006, 12, 5175-81. | 1.4 | 29 |
| 2025 | Protective Effects of Crocin Against Hepatic Damages in D-galactose Aging Model in Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 440-450. | 0.3 | 2 |
| 2026 | Protective mechanisms of telmisartan against hepatic ischemia/reperfusion injury in rats may involve PPAR γ -induced TLR4/NF- κ B suppression. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112374. | 2.5 | 7 |
| 2027 | Jujuboside A ameliorates high fat diet and streptozotocin induced diabetic nephropathy via suppressing oxidative stress, apoptosis, and enhancing autophagy. <i>Food and Chemical Toxicology</i> , 2022, 159, 112697. | 1.8 | 31 |
| 2028 | Inhibition mechanism of high voltage prick electrostatic field (HVPEF) on <i>Staphylococcus aureus</i> through ROS-mediated oxidative stress. <i>LWT - Food Science and Technology</i> , 2022, 155, 112990. | 2.5 | 7 |
| 2029 | Reproductive protective role of royal jelly in phenylhydrazine-induced hemolytic anemia in male mice: Histopathological, embryological, and biochemical evidence. <i>Environmental Toxicology</i> , 2022, 37, 1124-1135. | 2.1 | 1 |
| 2030 | Upregulated galectin-1 in <i>Angiostrongylus cantonensis</i> L5 reduces body fat and increases oxidative stress tolerance. <i>Parasites and Vectors</i> , 2022, 15, 46. | 1.0 | 2 |
| 2031 | Reactive oxygen species, mitochondria, apoptosis and aging. <i>Molecular and Cellular Biochemistry</i> , 1997, 174, 305-19. | 1.4 | 112 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2032 | Small animal models of thermal injury. <i>Methods in Cell Biology</i> , 2022, 168, 161-189. | 0.5 | 5 |
| 2033 | Transcriptome Analysis of the Central Nervous System of Sea Slug (<i>Onchidium reevesii</i>) Exposed to Low-Frequency Noise. <i>Frontiers in Marine Science</i> , 2021, 8, . | 1.2 | 6 |
| 2034 | Killing by Degradation: Regulation of Apoptosis by the Ubiquitin-Proteasome-System. <i>Cells</i> , 2021, 10, 3465. | 1.8 | 27 |
| 2037 | Apoptosis in Atherosclerosis. , 0, , 162-183. | | 0 |
| 2038 | Effects of exposure to fluoro-edenite fibre pollution on the respiratory system: an in vivo model. <i>Histology and Histopathology</i> , 2006, 21, 595-601. | 0.5 | 18 |
| 2041 | Enzymatic Effectiveness of Alcoholic and Aqueous Extract of in Mice Poisoned with Tetrachloride.. <i>Archives of Razi Institute</i> , 2021, 76, 1777-1786. | 0.4 | 0 |
| 2042 | Role of vitamin D3 in tumor aggressiveness and radiation response for hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 0, , . | 1.3 | 3 |
| 2043 | PCOS and Role of Cumulus Gene Expression in Assessing Oocytes Quality. <i>Frontiers in Endocrinology</i> , 2022, 13, . | 1.5 | 23 |
| 2046 | Thioredoxin Signaling Pathways in Cancer. <i>Antioxidants and Redox Signaling</i> , 0, , . | 2.5 | 6 |
| 2047 | Key role of mitochondrial mutation Leu107Ser (COX1) in deltamethrin resistance in salmon lice (<i>Lepeophtheirus salmonis</i>). <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 1 |
| 2048 | Effect of curcumin on normal and tumor cells: Role of glutathione and bcl-2. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 1101-1108. | 1.9 | 342 |
| 2049 | Rare germline alterations of myeloperoxidase predispose to myeloid neoplasms. <i>Leukemia</i> , 2022, 36, 2086-2096. | 3.3 | 2 |
| 2050 | On the dose of plasma medicine: Plasma-activated medium (PAM) and its effect on cell viability. <i>Physics of Plasmas</i> , 2022, 29, . | 0.7 | 14 |
| 2051 | Dynamic monitoring of bacteriostatic process by SERS analysis based on a simple but effective detection strategy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, , 121611. | 2.0 | 2 |
| 2052 | Taurine inhibits hydrogen peroxide-induced oxidative stress, inflammatory response and apoptosis in liver of <i>Monopterus albus</i> . <i>Fish and Shellfish Immunology</i> , 2022, 128, 536-546. | 1.6 | 8 |
| 2053 | Effects of intracellular zinc depletion on metallothionein and ZIP2 transporter expression and apoptosis. <i>Journal of Leukocyte Biology</i> , 2001, 70, 559-566. | 1.5 | 73 |
| 2054 | Dissociated ROS production and ceramide generation in sulfasalazine-induced cell death in Raw 264.7 cells. <i>Journal of Leukocyte Biology</i> , 2002, 72, 790-799. | 1.5 | 5 |
| 2055 | Excessive dietary Cr6+ had no adverse effect on mud crab (<i>Scylla paramamosain</i>) but provoke consumers health risk. <i>Aquaculture Reports</i> , 2022, 27, 101397. | 0.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2056 | Suppressive Factor or Factors Derived from Head and Neck Squamous Cell Carcinoma Induce Apoptosis in Activated Lymphocytes. <i>Otolaryngology - Head and Neck Surgery</i> , 1997, 116, 458-465. | 1.1 | 0 |
| 2057 | Hydrogen Peroxide Induces Up-Regulation of Fas in Human Endothelial Cells. <i>Journal of Immunology</i> , 1998, 160, 4042-4047. | 0.4 | 117 |
| 2058 | Monocyte-Dependent Death of Freshly Isolated T Lymphocytes: Induction by Phorbol ester and Mitogens and Differential Effects of Catalase. <i>Journal of Immunology</i> , 1998, 161, 1248-1256. | 0.4 | 27 |
| 2059 | Human T Cell Leukemia Virus-I (HTLV-I) Tax-Mediated Apoptosis in Activated T Cells Requires an Enhanced Intracellular Prooxidant State. <i>Journal of Immunology</i> , 1998, 161, 3050-3055. | 0.4 | 45 |
| 2060 | Modulation of Human Neutrophil Apoptosis by Immune Complexes. <i>Journal of Immunology</i> , 1998, 161, 3666-3674. | 0.4 | 78 |
| 2061 | Elevation of Mitochondrial Transmembrane Potential and Reactive Oxygen Intermediate Levels Are Early Events and Occur Independently from Activation of Caspases in Fas Signaling. <i>Journal of Immunology</i> , 1999, 162, 1466-1479. | 0.4 | 223 |
| 2062 | Resistance of Crohn's Disease T Cells to Multiple Apoptotic Signals Is Associated with a Bcl-2/Bax Mucosal Imbalance. <i>Journal of Immunology</i> , 1999, 163, 1081-1090. | 0.4 | 252 |
| 2063 | Human NK Cells Express Endothelial Nitric Oxide Synthase, and Nitric Oxide Protects Them from Activation-Induced Cell Death by Regulating Expression of TNF- α . <i>Journal of Immunology</i> , 1999, 163, 1473-1480. | 0.4 | 37 |
| 2064 | Silymarin Suppresses TNF-Induced Activation of NF- κ B, c-Jun N-Terminal Kinase, and Apoptosis. <i>Journal of Immunology</i> , 1999, 163, 6800-6809. | 0.4 | 221 |
| 2065 | Oxalic acid incorporated acetamide single crystal growth dynamics, characterization, NLO and antimicrobial activities via shock wave treatment. <i>Results in Chemistry</i> , 2023, 5, 100790. | 0.9 | 4 |
| 2066 | A Pathogenic Role of Non-Parenchymal Liver Cells in Alcohol-Associated Liver Disease of Infectious and Non-Infectious Origin. <i>Biology</i> , 2023, 12, 255. | 1.3 | 2 |
| 2068 | Comparative transcriptome analysis provides insights into the TDC supersaturation stress response of <i>Schizothorax davidi</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2023, 269, 109618. | 1.3 | 1 |
| 2069 | Investigation of the relationship between NFKB1 polymorphisms and telomere length and apoptosis in patients with type-2 diabetes. <i>Cukurova Medical Journal</i> , 2023, 48, 216-226. | 0.1 | 0 |
| 2074 | Potential of oligonucleotide- and protein/peptide-based therapeutics in the management of toxicant/stressor-induced diseases. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2024, 397, 1275-1310. | 1.4 | 0 |