

Daniel Pens Gelain

List of Publications by Year in descending order

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153
papers

4,576
citations

101543
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149698
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155
all docs

155
docs citations

155
times ranked

7731
citing authors

#	ARTICLE	IF	CITATIONS
1	High fat diet-induced obesity causes a reduction in brain tyrosine hydroxylase levels and non-motor features in rats through metabolic dysfunction, neuroinflammation and oxidative stress. <i>Nutritional Neuroscience</i> , 2022, 25, 1026-1040.	3.1	21
2	Hypoxia-Inducible Factor-1 \pm (HIF-1 \pm) Inhibition Impairs Retinoic Acid-Induced Differentiation in SH-SY5Y Neuroblastoma Cells, Leading to Reduced Neurite Length and Diminished Gene Expression Related to Cell Differentiation. <i>Neurochemical Research</i> , 2022, 47, 409-421.	3.3	2
3	Immunomodulatory Effect of Bifidobacterium, Lactobacillus, and Streptococcus Strains of Paraprobiotics in Lipopolysaccharide-Stimulated Inflammatory Responses in RAW-264.7 Macrophages. <i>Current Microbiology</i> , 2022, 79, 9.	2.2	7
4	COX-2 promotes mammary adipose tissue inflammation, local estrogen biosynthesis, and carcinogenesis in high-sugar/fat diet treated mice. <i>Cancer Letters</i> , 2021, 502, 44-57.	7.2	24
5	Antioxidants Improve Oxaliplatin-Induced Peripheral Neuropathy in Tumor-Bearing Mice Model: Role of Spinal Cord Oxidative Stress and Inflammation. <i>Journal of Pain</i> , 2021, 22, 996-1013.	1.4	19
6	Neurological impairment caused by <i>Schistosoma mansoni</i> systemic infection exhibits early features of idiopathic neurodegenerative disease. <i>Journal of Biological Chemistry</i> , 2021, 297, 100979.	3.4	4
7	Influences of the polymorphisms of the Sod2 gene (rs4880) on the motility and vigor of X- and Y-bearing sperm at different pH values. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111993.	5.6	1
8	Role of toll-like receptor 4 and sex in 6-hydroxydopamine-induced behavioral impairments and neurodegeneration in mice. <i>Neurochemistry International</i> , 2021, 151, 105215.	3.8	4
9	Thioredoxin reductase-1 levels are associated with NRF2 pathway activation and tumor recurrence in non-small cell lung cancer. <i>Free Radical Biology and Medicine</i> , 2021, 177, 58-71.	2.9	21
10	Characterization and modulation of microglial phenotypes in an animal model of severe sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 88-97.	3.6	27
11	Chronic acrolein exposure in Wistar rats: The effects of guarana extracts. <i>Journal of Functional Foods</i> , 2020, 65, 103733.	3.4	5
12	Anti-inflammatory and antioxidant properties of blend formulated with compounds of <i>Malpighia emarginata</i> D.C (acerola) and <i>Camellia sinensis</i> L. (green tea) in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110277.	5.6	14
13	Animal Models of Metabolic Disorders in the Study of Neurodegenerative Diseases: An Overview. <i>Frontiers in Neuroscience</i> , 2020, 14, 604150.	2.8	31
14	Short and long TNF α exposure recapitulates canonical astrogliosis events in human-induced pluripotent stem cells-derived astrocytes. <i>Glia</i> , 2020, 68, 1396-1409.	4.9	30
15	Systemic Inflammation Changes the Site of RAGE Expression from Endothelial Cells to Neurons in Different Brain Areas. <i>Molecular Neurobiology</i> , 2019, 56, 3079-3089.	4.0	21
16	Subcellular distribution of human tyrosine hydroxylase isoforms 1 and 4 in SH-SY5Y cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19730-19737.	2.6	4
17	Retinoic acid downregulates thiol antioxidant defences and homologous recombination while promotes A549 cells sensitization to cisplatin. <i>Cellular Signalling</i> , 2019, 62, 109356.	3.6	7
18	Carvacrol suppresses LPS-induced pro-inflammatory activation in RAW 264.7 macrophages through ERK1/2 and NF- κ B pathway. <i>International Immunopharmacology</i> , 2019, 75, 105743.	3.8	77

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19	BRCA-1 depletion impairs pro-inflammatory polarization and activation of RAW 264.7 macrophages in a NF- κ B-dependent mechanism. <i>Molecular and Cellular Biochemistry</i> , 2019, 462, 11-23.	3.1	3
20	Obesity associated with coal ash inhalation triggers systemic inflammation and oxidative damage in the hippocampus of rats. <i>Food and Chemical Toxicology</i> , 2019, 133, 110766.	3.6	38
21	Activated peripheral blood mononuclear cell mediators trigger astrocyte reactivity. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 879-888.	4.1	14
22	Oral administration of carvacrol/ β -cyclodextrin complex protects against 6-hydroxydopamine-induced dopaminergic denervation. <i>Neurochemistry International</i> , 2019, 126, 27-35.	3.8	13
23	Guarana supplementation attenuated obesity, insulin resistance, and adipokines dysregulation induced by a standardized human Western diet via brown adipose tissue activation. <i>Phytotherapy Research</i> , 2019, 33, 1394-1403.	5.8	13
24	Anti-NMDA Receptor Autoantibody Is an Independent Predictor of Hospital Mortality but Not Brain Dysfunction in Septic Patients. <i>Frontiers in Neurology</i> , 2019, 10, 221.	2.4	4
25	The effects of retinol oral supplementation in 6-hydroxydopamine dopaminergic denervation model in Wistar rats. <i>Neurochemistry International</i> , 2019, 125, 25-34.	3.8	11
26	Nuclear RXR α and RXR β receptors exert distinct and opposite effects on RA-mediated neuroblastoma differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 317-328.	4.1	10
27	Immune neutralization of the receptor for advanced glycation end products reduce liver oxidative damage induced by an acute systemic injection of lipopolysaccharide. <i>Journal of Biochemistry</i> , 2018, 163, 515-523.	1.7	4
28	Delayed neurochemical effects of prenatal exposure to MeHg in the cerebellum of developing rats. <i>Toxicology Letters</i> , 2018, 284, 161-169.	0.8	14
29	Anticancer activity of flavonoids isolated from <i>Achyrocline satureioides</i> in gliomas cell lines. <i>Toxicology in Vitro</i> , 2018, 51, 23-33.	2.4	39
30	Aminochrome decreases NGF, GDNF and induces neuroinflammation in organotypic midbrain slice cultures. <i>NeuroToxicology</i> , 2018, 66, 98-106.	3.0	27
31	Glycine Administration Alters MAPK Signaling Pathways and Causes Neuronal Damage in Rat Brain: Putative Mechanisms Involved in the Neurological Dysfunction in Nonketotic Hyperglycinemia. <i>Molecular Neurobiology</i> , 2018, 55, 741-750.	4.0	10
32	A longitudinal study of neurotrophic, oxidative, and inflammatory markers in first-onset depression in midlife women. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 771-781.	3.2	32
33	Developmental neurotoxicity of the hippocampus following in utero exposure to methylmercury: impairment in cell signaling. <i>Archives of Toxicology</i> , 2018, 92, 513-527.	4.2	29
34	A new animal diet based on human Western diet is a robust diet-induced obesity model: comparison to high-fat and cafeteria diets in term of metabolic and gut microbiota disruption. <i>International Journal of Obesity</i> , 2018, 42, 525-534.	3.4	148
35	Receptor for advanced glycation end products mediates sepsis-triggered amyloid- β accumulation, Tau phosphorylation, and cognitive impairment. <i>Journal of Biological Chemistry</i> , 2018, 293, 226-244.	3.4	94
36	Guarana (<sc><i>Paullinia cupana</i></sc> Mart.) alters gut microbiota and modulates redox status, partially via caffeine in Wistar rats. <i>Phytotherapy Research</i> , 2018, 32, 2466-2474.	5.8	19

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37	Neurobehavioral and oxidative stress alterations following methylmercury and retinyl palmitate co-administration in pregnant and lactating rats and their offspring. <i>NeuroToxicology</i> , 2018, 69, 164-180.	3.0	8
38	Obese rats are more vulnerable to inflammation, genotoxicity and oxidative stress induced by coal dust inhalation than non-obese rats. <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 44-51.	6.0	65
39	Effects of methylmercury and retinol palmitate co-administration in rats during pregnancy and breastfeeding: Metabolic and redox parameters in dams and their offspring. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 603-615.	6.0	12
40	Bioactive compounds and protective effect of red and black rice brans extracts in human neuron-like cells (SH-SY5Y). <i>Food Research International</i> , 2018, 113, 57-64.	6.2	21
41	Anti-RAGE antibody selectively blocks acute systemic inflammatory responses to LPS in serum, liver, CSF and striatum. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 124-136.	4.1	34
42	Sperm quality and oxidative status as affected by homogenization of liquid-stored boar semen diluted in short- and long-term extenders. <i>Animal Reproduction Science</i> , 2017, 179, 67-79.	1.5	29
43	Retinol (Vitamin A) Increases α -Synuclein, β -Amyloid Peptide, Tau Phosphorylation and RAGE Content in Human SH-SY5Y Neuronal Cell Line. <i>Neurochemical Research</i> , 2017, 42, 2788-2797.	3.3	10
44	Effect of Paullinia cupana Mart. Commercial Extract During the Aging of Middle Age Wistar Rats: Differential Effects on the Hippocampus and Striatum. <i>Neurochemical Research</i> , 2017, 42, 2257-2273.	3.3	12
45	A statistical method to calculate blood contamination in the measurement of salivary hormones in healthy women. <i>Clinical Biochemistry</i> , 2017, 50, 436-439.	1.9	8
46	Hydroethanolic extracts from different genotypes of <i>Azadirachta indica</i> (Euterpe oleracea) presented antioxidant potential and protected human neuron-like cells (SH-SY5Y). <i>Food Chemistry</i> , 2017, 222, 94-104.	8.2	41
47	Inflammatory landscape of human brain tumors reveals an NF- κ B dependent cytokine pathway associated with mesenchymal glioblastoma. <i>Cancer Letters</i> , 2017, 390, 176-187.	7.2	60
48	Extracellular HSP70 Activates ERK1/2, NF- κ B and Pro-Inflammatory Gene Transcription Through Binding with RAGE in A549 Human Lung Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 2507-2522.	1.6	72
49	Role of vitamin A oral supplementation on oxidative stress and inflammatory response in the liver of trained rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1192-1200.	1.9	10
50	Putative model for heat shock protein 70 complexation with receptor of advanced glycation end products through fluorescence proximity assays and normal mode analyses. <i>Cell Stress and Chaperones</i> , 2017, 22, 99-111.	2.9	13
51	Changes in Cell Cycle and Up-Regulation of Neuronal Markers During SH-SY5Y Neurodifferentiation by Retinoic Acid are Mediated by Reactive Species Production and Oxidative Stress. <i>Molecular Neurobiology</i> , 2017, 54, 6903-6916.	4.0	26
52	Apoptotic signaling pathways induced by acute administration of branched-chain amino acids in an animal model of maple syrup urine disease. <i>Metabolic Brain Disease</i> , 2017, 32, 115-122.	2.9	9
53	Host-guest inclusion complexation of β -cyclodextrin and hecogenin acetate to enhance anti-hyperalgesic effect in an animal model of musculoskeletal pain. <i>Process Biochemistry</i> , 2017, 59, 123-131.	3.7	15
54	Effects of Freeze-Thaw and Storage on Enzymatic Activities, Protein Oxidative Damage, and Immunocontent of the Blood, Liver, and Brain of Rats. <i>Biopreservation and Biobanking</i> , 2017, 15, 182-190.	1.0	15

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55	Vitamin A Oral Supplementation Induces Oxidative Stress and Suppresses IL-10 and HSP70 in Skeletal Muscle of Trained Rats. <i>Nutrients</i> , 2017, 9, 353.	4.1	29
56	Supplementation with <i>Achyrocline satureioides</i> Inflorescence Extracts to Pregnant and Breastfeeding Rats Induces Tissue-Specific Changes in Enzymatic Activity and Lower Neonatal Survival. <i>Biomedicines</i> , 2017, 5, 53.	3.2	10
57	Antioxidant and Anti-Inflammatory Properties of <i>Anacardium occidentale</i> Leaf Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	1.2	18
58	Effects of <i>Achyrocline satureioides</i> Inflorescence Extracts against Pathogenic Intestinal Bacteria: Chemical Characterization, In Vitro Tests, and In Vivo Evaluation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	1.2	4
59	Targeted inhibition of RAGE in substantia nigra of rats blocks 6-OHDA-induced dopaminergic denervation. <i>Scientific Reports</i> , 2017, 7, 8795.	3.3	40
60	N-acetyl-cysteine inhibits liver oxidative stress markers in BALB/c mice infected with <i>Leishmania amazonensis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 146-154.	1.6	9
61	Curcumin Supplementation Decreases Intestinal Adiposity Accumulation, Serum Cholesterol Alterations, and Oxidative Stress in Ovariectomized Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	12
62	Oral administration of curcumin relieves behavioral alterations and oxidative stress in the frontal cortex, hippocampus, and striatum of ovariectomized Wistar rats. <i>Journal of Nutritional Biochemistry</i> , 2016, 32, 181-188.	4.2	29
63	<i>Turnera subulata</i> Anti-Inflammatory Properties in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. <i>Journal of Medicinal Food</i> , 2016, 19, 922-930.	1.5	14
64	Shikimic acid inhibits LPS-induced cellular pro-inflammatory cytokines and attenuates mechanical hyperalgesia in mice. <i>International Immunopharmacology</i> , 2016, 39, 97-105.	3.8	36
65	Gene Expression Profile of NF- κ B, Nrf2, Glycolytic, and p53 Pathways During the SH-SY5Y Neuronal Differentiation Mediated by Retinoic Acid. <i>Molecular Neurobiology</i> , 2016, 53, 423-435.	4.0	22
66	Chronic ozone exposure alters the secondary metabolite profile, antioxidant potential, anti-inflammatory property, and quality of red pepper fruit from <i>Capsicum baccatum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 16-24.	6.0	39
67	NRF2 Mediates Neuroblastoma Proliferation and Resistance to Retinoic Acid Cytotoxicity in a Model of In Vitro Neuronal Differentiation. <i>Molecular Neurobiology</i> , 2016, 53, 6124-6135.	4.0	21
68	Redox-Active Profile Characterization of <i>Remirea maritima</i> Extracts and Its Cytotoxic Effect in Mouse Fibroblasts (L929) and Melanoma (B16F10) Cells. <i>Molecules</i> , 2015, 20, 11699-11718.	3.8	8
69	Autophagy inhibition improves the efficacy of curcumin/temozolomide combination therapy in glioblastomas. <i>Cancer Letters</i> , 2015, 358, 220-231.	7.2	162
70	Acute Administration of Branched-Chain Amino Acids Increases the Pro-BDNF/Total-BDNF Ratio in the Rat Brain. <i>Neurochemical Research</i> , 2015, 40, 885-893.	3.3	9
71	Development of standardized extractive solution from <i>Lippia sidoides</i> by factorial design and their redox active profile. <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 301-306.	1.4	4
72	In Vitro Neuroprotective Effect of Shikimic Acid Against Hydrogen Peroxide-Induced Oxidative Stress. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 956-965.	2.3	31

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73	Chronic retinyl palmitate supplementation to middle-aged Wistar rats disrupts the brain redox homeostasis and induces changes in emotional behavior. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 979-990.	3.3	12
74	Supplementation with vitamin A enhances oxidative stress in the lungs of rats submitted to aerobic exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1253-1261.	1.9	13
75	Increased tau phosphorylation and receptor for advanced glycation endproducts (RAGE) in the brain of mice infected with <i>Leishmania amazonensis</i> . <i>Brain, Behavior, and Immunity</i> , 2015, 43, 37-45.	4.1	14
76	Effects of different products of peach (<i>Prunus persica</i> L. Batsch) from a variety developed in southern Brazil on oxidative stress and inflammatory parameters in vitro and ex vivo. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 110-119.	1.4	14
77	Chemical composition, antinociceptive, anti-inflammatory and redox properties in vitro of the essential oil from <i>Remirea maritima</i> Aubl. (Cyperaceae). <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 514.	3.7	9
78	Preventive supplementation with fresh and preserved peach attenuates CCl ₄ -induced oxidative stress, inflammation and tissue damage. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1282-1295.	4.2	17
79	Acute Brain Inflammation and Oxidative Damage Are Related to Long-Term Cognitive Deficits and Markers of Neurodegeneration in Sepsis-Survivor Rats. <i>Molecular Neurobiology</i> , 2014, 49, 380-385.	4.0	72
80	Effects of chronic elevated ozone concentration on the redox state and fruit yield of red pepper plant <i>Capsicum baccatum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 114-121.	6.0	27
81	Coadministration of Branched-Chain Amino Acids and Lipopolysaccharide Causes Matrix Metalloproteinase Activation and Blood-Brain Barrier Breakdown. <i>Molecular Neurobiology</i> , 2014, 50, 358-367.	4.0	16
82	Structure-Activity Relationship of Terpenes with Anti-Inflammatory Profile – A Systematic Review. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 115, 244-256.	2.5	66
83	Guarana (<i>Paullinia cupana</i> Mart.) Prevents β -Amyloid Aggregation, Generation of Advanced Glycation End Products (AGEs), and Acrolein-Induced Cytotoxicity on Human Neuronal-Like Cells. <i>Phytotherapy Research</i> , 2014, 28, 1615-1624.	5.8	27
84	The oxidation of HSP70 is associated with functional impairment and lack of stimulatory capacity. <i>Cell Stress and Chaperones</i> , 2014, 19, 913-925.	2.9	26
85	Altered expression of Alzheimer's disease-related genes in the cerebellum of autistic patients: a model for disrupted brain connectome and therapy. <i>Cell Death and Disease</i> , 2014, 5, e1250-e1250.	6.3	55
86	Effects of 47C allele (rs4880) of the SOD2 gene in the production of intracellular reactive species in peripheral blood mononuclear cells with and without lipopolysaccharides induction. <i>Free Radical Research</i> , 2014, 48, 190-199.	3.3	10
87	Evidence for the involvement of descending pain-inhibitory mechanisms in the attenuation of cancer pain by carvacrol aided through a docking study. <i>Life Sciences</i> , 2014, 116, 8-15.	4.3	33
88	Focussed microarray analysis of apoptosis in periodontitis and its potential pharmacological targeting by carvacrol. <i>Archives of Oral Biology</i> , 2014, 59, 461-469.	1.8	21
89	Antioxidant Activity and Mechanisms of Action of Natural Compounds Isolated from Lichens: A Systematic Review. <i>Molecules</i> , 2014, 19, 14496-14527.	3.8	152
90	Hecogenin Acetate Inhibits Reactive Oxygen Species Production and Induces Cell Cycle Arrest and Senescence in the A549 Human Lung Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1128-1135.	1.7	14

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91	Passiflora manicata (Juss.) aqueous leaf extract protects against reactive oxygen species and protein glycation in vitro and ex vivo models. Food and Chemical Toxicology, 2013, 60, 45-51.	3.6	43
92	Matrix Metalloproteinase-2 and Metalloproteinase-9 Activities are Associated with Bloodâ€‘Brain Barrier Dysfunction in an Animal Model of Severe Sepsis. Molecular Neurobiology, 2013, 48, 62-70.	4.0	91
93	Redox homeostasis is compromised in vivo by the metabolites accumulating in 3-hydroxy-3-methylglutaryl-CoA lyase deficiency in rat cerebral cortex and liver. Free Radical Research, 2013, 47, 1066-1075.	3.3	21
94	Brain markers of neurodegeneration in sepsis survivor rats. Critical Care, 2013, 17, P87.	5.8	1
95	Non-genomic, direct modulatory effect of 17Î²-estradiol, progesterone and their synthetic derivatives on the activity of human erythrocyte CuZn superoxide dismutase. Free Radical Research, 2013, 47, 219-232.	3.3	8
96	Participation of 47C>T SNP (Ala-9Val polymorphism) of the SOD2 gene in the intracellular environment of human peripheral blood mononuclear cells with and without lipopolysaccharides. Molecular and Cellular Biochemistry, 2013, 372, 127-135.	3.1	5
97	Improvement of p-cymene antinociceptive and anti-inflammatory effects by inclusion in Î²-cyclodextrin. Phytomedicine, 2013, 20, 436-440.	5.3	111
98	Vitamin A (retinol) downregulates the receptor for advanced glycation endproducts (RAGE) by oxidant-dependent activation of p38 MAPK and NF-κB in human lung cancer A549 cells. Cellular Signalling, 2013, 25, 939-954.	3.6	46
99	Schistosoma mansoni infection causes oxidative stress and alters receptor for advanced glycation endproduct (RAGE) and tau levels in multiple organs in mice. International Journal for Parasitology, 2013, 43, 371-379.	3.1	44
100	Effect of N-salicyloyltryptamine (STP), a novel tryptamine analogue, on parameters of cell viability, oxidative stress, and immunomodulation in RAW 264.7 macrophages. Cell Biology and Toxicology, 2013, 29, 175-187.	5.3	13
101	Chronic administration of branchedâ€‘chain amino acids impairs spatial memory and increases brainâ€‘derived neurotrophic factor in a rat model. Journal of Inherited Metabolic Disease, 2013, 36, 721-730.	3.6	27
102	Antinociceptive, anti-inflammatory and antioxidant activities of aqueous extract from Remirea maritima (Cyperaceae). Journal of Ethnopharmacology, 2013, 145, 11-17.	4.1	31
103	Major Components of Energy Drinks (Caffeine, Taurine, and Guarana) Exert Cytotoxic Effects on Human Neuronal SH-SY5Y Cells by Decreasing Reactive Oxygen Species Production. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-22.	4.0	70
104	Reverse Engineering the Neuroblastoma Regulatory Network Uncovers MAX as One of the Master Regulators of Tumor Progression. PLoS ONE, 2013, 8, e82457.	2.5	13
105	Retinol induces morphological alterations and proliferative focus formation through free radical-mediated activation of multiple signaling pathways. Acta Pharmacologica Sinica, 2012, 33, 558-567.	6.1	12
106	Redox characterization of usnic acid and its cytotoxic effect on human neuron-like cells (SH-SY5Y). Toxicology in Vitro, 2012, 26, 304-314.	2.4	57
107	Antioxidant Therapies for Neurodegenerative Diseases: Mechanisms, Current Trends, and Perspectives. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-2.	4.0	19
108	Is There a Role for High Mobility Group Box 1 and the Receptor for Advanced Glycation End Products in the Genesis of Long-term Cognitive Impairment in Sepsis Survivors?. Molecular Medicine, 2012, 18, 1357-1358.	4.4	12

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109	Gastrin-Releasing Peptide Receptor Antagonism Induces Protection from Lethal Sepsis: Involvement of Toll-like Receptor 4 Signaling. <i>Molecular Medicine</i> , 2012, 18, 1209-1219.	4.4	12
110	L-NAME co-treatment prevent oxidative damage in the lung of adult Wistar rats treated with vitamin A supplementation. <i>Cell Biochemistry and Function</i> , 2012, 30, 256-263.	2.9	9
111	Phytochemical screening, antinociceptive and anti-inflammatory activities of <i>Chrysopogon zizanioides</i> essential oil. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 443-450.	1.4	9
112	Antinociceptive Action and Redox Properties of Citronellal, an Essential Oil Present in Lemongrass. <i>Journal of Medicinal Food</i> , 2011, 14, 630-639.	1.5	45
113	Redox properties and cytoprotective actions of atranorin, a lichen secondary metabolite. <i>Toxicology in Vitro</i> , 2011, 25, 462-468.	2.4	68
114	Antioxidant, Antinociceptive, and Anti-inflammatory Properties of the Ethanolic Extract of <i>Combretum duarceanum</i> in Rodents. <i>Journal of Medicinal Food</i> , 2011, 14, 1389-1396.	1.5	17
115	Serum Heat Shock Protein 70 Levels, Oxidant Status, and Mortality in Sepsis. <i>Shock</i> , 2011, 35, 466-470.	2.1	65
116	Vitamin A (retinol) up-regulates the receptor for advanced glycation endproducts (RAGE) through p38 and Akt oxidant-dependent activation. <i>Toxicology</i> , 2011, 289, 38-44.	4.2	21
117	NF- κ B inhibitors induce cell death in glioblastomas. <i>Biochemical Pharmacology</i> , 2011, 81, 412-424.	4.4	108
118	In vitro optimization of retinoic acid-induced neuritogenesis and TH endogenous expression in human SH-SY5Y neuroblastoma cells by the antioxidant Trolox. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 325-334.	3.1	23
119	<i>Morinda citrifolia</i> Linn Leaf Extract Possesses Antioxidant Activities and Reduces Nociceptive Behavior and Leukocyte Migration. <i>Journal of Medicinal Food</i> , 2011, 14, 1159-1166.	1.5	50
120	Antinociceptive Activity of Atranorin in Mice Orofacial Nociception Tests. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2010, 65, 551-561.	1.4	22
121	Vitamin A supplementation to pregnant and breastfeeding female rats induces oxidative stress in the neonatal lung. <i>Reproductive Toxicology</i> , 2010, 30, 452-456.	2.9	25
122	Comparison between proliferative and neuron-like SH-SY5Y cells as an in vitro model for Parkinson disease studies. <i>Brain Research</i> , 2010, 1337, 85-94.	2.2	317
123	Modulation in Reproductive Tissue Redox Profile in Sexually Receptive Female Rats after Short-Term Exposure to Male Chemical Cues. <i>Chemical Senses</i> , 2009, 34, 317-323.	2.0	1
124	The NF- κ B-mediated control of RS and JNK signaling in vitamin A-treated cells: Duration of JNK-AP-1 pathway activation may determine cell death or proliferation. <i>Biochemical Pharmacology</i> , 2009, 77, 1291-1301.	4.4	29
125	The Janus Face of Resveratrol in Astroglial Cells. <i>Neurotoxicity Research</i> , 2009, 16, 30-41.	2.7	44
126	A systematic review of human antioxidant genes. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4457.	3.0	38

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127	Vitamin A Supplementation for Different Periods Alters Oxidative Parameters in Lungs of Rats. Journal of Medicinal Food, 2009, 12, 1375-1380.	1.5	19
128	VITAMIN A SUPPLEMENTATION INDUCES OXIDATIVE STRESS AND DECREASES THE IMMUNOCONTENT OF CATALASE AND SUPEROXIDE DISMUTASE IN RAT LUNGS. Experimental Lung Research, 2009, 35, 427-438.	1.2	29
129	Vitamin A treatment induces apoptosis through an oxidantâ€dependent activation of the mitochondrial pathway. Cell Biology International, 2008, 32, 100-106.	3.0	25
130	Xanthine oxidase activity in patients with sepsis. Clinical Biochemistry, 2008, 41, 1186-1190.	1.9	22
131	Retinol increases catalase activity and protein content by a reactive species-dependent mechanism in Sertoli cells. Chemico-Biological Interactions, 2008, 174, 38-43.	4.0	17
132	Evidence of increased reactive species formation by retinol, but not retinoic acid, in PC12 cells. Toxicology in Vitro, 2008, 22, 553-558.	2.4	25
133	Inhibition of MDR1 expression by retinol treatment increases sensitivity to etoposide (VP16) in human neoplastic cell line. Toxicology in Vitro, 2008, 22, 873-878.	2.4	10
134	Retinol up-regulates the receptor for advanced glycation endproducts (RAGE) by increasing intracellular reactive species. Toxicology in Vitro, 2008, 22, 1123-1127.	2.4	10
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