

# Daniel Pens Gelain

## List of Publications by Year in descending order

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153  
papers

4,576  
citations

101384

36  
h-index

149479

56  
g-index

155  
all docs

155  
docs citations

155  
times ranked

7731  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	317
2	Autophagy inhibition improves the efficacy of curcumin/temozolomide combination therapy in glioblastomas. <i>Cancer Letters</i> , 2015, 358, 220-231.	3.2	162
3	Antioxidant Activity and Mechanisms of Action of Natural Compounds Isolated from Lichens: A Systematic Review. <i>Molecules</i> , 2014, 19, 14496-14527.	1.7	152
4	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.	1.6	148
5	Improvement of p-cymene antinociceptive and anti-inflammatory effects by inclusion in $\beta$ -cyclodextrin. <i>Phytomedicine</i> , 2013, 20, 436-440.	2.3	111
6	NF $\kappa$ B inhibitors induce cell death in glioblastomas. <i>Biochemical Pharmacology</i> , 2011, 81, 412-424.	2.0	108
7	Receptor for advanced glycation end products mediates sepsis-triggered amyloid- $\beta$ accumulation, Tau phosphorylation, and cognitive impairment. <i>Journal of Biological Chemistry</i> , 2018, 293, 226-244.	1.6	94
8	Matrix Metalloproteinase-2 and Metalloproteinase-9 Activities are Associated with Blood-Brain Barrier Dysfunction in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2013, 48, 62-70.	1.9	91
9	Carvacrol suppresses LPS-induced pro-inflammatory activation in RAW 264.7 macrophages through ERK1/2 and NF- $\kappa$ B pathway. <i>International Immunopharmacology</i> , 2019, 75, 105743.	1.7	77
10	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.	1.9	72
11	Extracellular HSP70 Activates ERK1/2, NF- $\kappa$ 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.	1.1	72
12	Major Components of Energy Drinks (Caffeine, Taurine, and Guarana) Exert Cytotoxic Effects on Human Neuronal SH-SY5Y Cells by Decreasing Reactive Oxygen Species Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-22.	1.9	70
13	Redox properties and cytoprotective actions of atranorin, a lichen secondary metabolite. <i>Toxicology in Vitro</i> , 2011, 25, 462-468.	1.1	68
14	Structure-Activity Relationship of Terpenes with Anti-Inflammatory Profile – A Systematic Review. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 115, 244-256.	1.2	66
15	Serum Heat Shock Protein 70 Levels, Oxidant Status, and Mortality in Sepsis. <i>Shock</i> , 2011, 35, 466-470.	1.0	65
16	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.	2.9	65
17	Inflammatory landscape of human brain tumors reveals an NF $\kappa$ B dependent cytokine pathway associated with mesenchymal glioblastoma. <i>Cancer Letters</i> , 2017, 390, 176-187.	3.2	60
18	Gastrin-releasing Peptide Receptor Antagonist Effects on an Animal Model of Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 84-90.	2.5	57

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19	Redox characterization of usnic acid and its cytotoxic effect on human neuron-like cells (SH-SY5Y). <i>Toxicology in Vitro</i> , 2012, 26, 304-314.	1.1	57
20	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.	2.7	55
21	Ultra high frequency-electromagnetic field irradiation during pregnancy leads to an increase in erythrocytes micronuclei incidence in rat offspring. <i>Life Sciences</i> , 2006, 80, 43-50.	2.0	50
22	Morinda citrifolia Linn Leaf Extract Possesses Antioxidant Activities and Reduces Nociceptive Behavior and Leukocyte Migration. <i>Journal of Medicinal Food</i> , 2011, 14, 1159-1166.	0.8	50
23	Vitamin A (retinol) downregulates the receptor for advanced glycation endproducts (RAGE) by oxidant-dependent activation of p38 MAPK and NF- $\kappa$ B in human lung cancer A549 cells. <i>Cellular Signalling</i> , 2013, 25, 939-954.	1.7	46
24	Antinociceptive Action and Redox Properties of Citronellal, an Essential Oil Present in Lemongrass. <i>Journal of Medicinal Food</i> , 2011, 14, 630-639.	0.8	45
25	PACAP stimulates the sustained phosphorylation of tyrosine hydroxylase at serine 40. <i>Cellular Signalling</i> , 2007, 19, 1141-1149.	1.7	44
26	The Janus Face of Resveratrol in Astroglial Cells. <i>Neurotoxicity Research</i> , 2009, 16, 30-41.	1.3	44
27	Schistosoma mansoni infection causes oxidative stress and alters receptor for advanced glycation endproduct (RAGE) and tau levels in multiple organs in mice. <i>International Journal for Parasitology</i> , 2013, 43, 371-379.	1.3	44
28	Passiflora manicata (Juss.) aqueous leaf extract protects against reactive oxygen species and protein glycation in vitro and ex vivo models. <i>Food and Chemical Toxicology</i> , 2013, 60, 45-51.	1.8	43
29	Retinol induces the ERK1/2-dependent phosphorylation of CREB through a pathway involving the generation of reactive oxygen species in cultured Sertoli cells. <i>Cellular Signalling</i> , 2006, 18, 1685-1694.	1.7	42
30	Metabolism of amino acids by cultured rat Sertoli cells. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 515-521.	1.5	41
31	Hydroethanolic extracts from different genotypes of Euterpe oleracea presented antioxidant potential and protected human neuron-like cells (SH-SY5Y). <i>Food Chemistry</i> , 2017, 222, 94-104.	4.2	41
32	Targeted inhibition of RAGE in substantia nigra of rats blocks 6-OHDA-induced dopaminergic denervation. <i>Scientific Reports</i> , 2017, 7, 8795.	1.6	40
33	Chronic ozone exposure alters the secondary metabolite profile, antioxidant potential, anti-inflammatory property, and quality of red pepper fruit from Capsicum baccatum. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 16-24.	2.9	39
34	Anticancer activity of flavonoids isolated from Achyrocline satureioides in gliomas cell lines. <i>Toxicology in Vitro</i> , 2018, 51, 23-33.	1.1	39
35	Plasma oxidative parameters and mortality in patients with severe burn injury. <i>Intensive Care Medicine</i> , 2003, 29, 1380-1383.	3.9	38
36	A systematic review of human antioxidant genes. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4457.	3.0	38

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37	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.	1.8	38
38	Shikimic acid inhibits LPS-induced cellular pro-inflammatory cytokines and attenuates mechanical hyperalgesia in mice. <i>International Immunopharmacology</i> , 2016, 39, 97-105.	1.7	36
39	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.	2.0	34
40	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.	2.0	33
41	Extracellular purines from cells of seminiferous tubules. <i>Molecular and Cellular Biochemistry</i> , 2003, 245, 1-9.	1.4	32
42	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.	1.8	32
43	Antinociceptive, anti-inflammatory and antioxidant activities of aqueous extract from <i>Remirea maritima</i> (Cyperaceae). <i>Journal of Ethnopharmacology</i> , 2013, 145, 11-17.	2.0	31
44	In Vitro Neuroprotective Effect of Shikimic Acid Against Hydrogen Peroxide-Induced Oxidative Stress. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 956-965.	1.1	31
45	Animal Models of Metabolic Disorders in the Study of Neurodegenerative Diseases: An Overview. <i>Frontiers in Neuroscience</i> , 2020, 14, 604150.	1.4	31
46	Short and long TNF $\alpha$ exposure recapitulates canonical astrogliosis events in human-induced pluripotent stem cell-derived astrocytes. <i>Glia</i> , 2020, 68, 1396-1409.	2.5	30
47	Retinoic acid induces apoptosis by a non-classical mechanism of ERK1/2 activation. <i>Toxicology in Vitro</i> , 2008, 22, 1205-1212.	1.1	29
48	The NF $\kappa$ B-mediated control of RS and JNK signaling in vitamin A-treated cells: Duration of JNK $\alpha$ AP-1 pathway activation may determine cell death or proliferation. <i>Biochemical Pharmacology</i> , 2009, 77, 1291-1301.	2.0	29
49	VITAMIN A SUPPLEMENTATION INDUCES OXIDATIVE STRESS AND DECREASES THE IMMUNOCONTENT OF CATALASE AND SUPEROXIDE DISMUTASE IN RAT LUNGS. <i>Experimental Lung Research</i> , 2009, 35, 427-438.	0.5	29
50	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.	1.9	29
51	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.	0.5	29
52	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.	1.7	29
53	Developmental neurotoxicity of the hippocampus following in utero exposure to methylmercury: impairment in cell signaling. <i>Archives of Toxicology</i> , 2018, 92, 513-527.	1.9	29
54	Cadmium stimulates MAPKs and Hsp27 phosphorylation in bovine adrenal chromaffin cells. <i>Toxicology</i> , 2007, 234, 34-43.	2.0	28

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55	Retinol and retinoic acid modulate catalase activity in Sertoli cells by distinct and gene expression-independent mechanisms. <i>Toxicology in Vitro</i> , 2008, 22, 1177-1183.	1.1	28
56	Chronic administration of branched-chain amino acids impairs spatial memory and increases brain-derived neurotrophic factor in a rat model. <i>Journal of Inherited Metabolic Disease</i> , 2013, 36, 721-730.	1.7	27
57	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.	2.9	27
58	Guarana ( <i>Paullinia cupana</i> Mart.) Prevents 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.	2.8	27
59	Aminochrome decreases NGF, GDNF and induces neuroinflammation in organotypic midbrain slice cultures. <i>NeuroToxicology</i> , 2018, 66, 98-106.	1.4	27
60	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.	1.6	27
61	The oxidation of HSP70 is associated with functional impairment and lack of stimulatory capacity. <i>Cell Stress and Chaperones</i> , 2014, 19, 913-925.	1.2	26
62	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.	1.9	26
63	Vitamin A treatment induces apoptosis through an oxidant-dependent activation of the mitochondrial pathway. <i>Cell Biology International</i> , 2008, 32, 100-106.	1.4	25
64	Evidence of increased reactive species formation by retinol, but not retinoic acid, in PC12 cells. <i>Toxicology in Vitro</i> , 2008, 22, 553-558.	1.1	25
65	Vitamin A supplementation to pregnant and breastfeeding female rats induces oxidative stress in the neonatal lung. <i>Reproductive Toxicology</i> , 2010, 30, 452-456.	1.3	25
66	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.	3.2	24
67	In vitro optimization of retinoic acid-induced neurogenesis and TH endogenous expression in human SH-SY5Y neuroblastoma cells by the antioxidant Trolox. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 325-334.	1.4	23
68	Retinol activates tyrosine hydroxylase acutely by increasing the phosphorylation of serine40 and then serine31 in bovine adrenal chromaffin cells. <i>Journal of Neurochemistry</i> , 2007, 103, 2369-2379.	2.1	22
69	Xanthine oxidase activity in patients with sepsis. <i>Clinical Biochemistry</i> , 2008, 41, 1186-1190.	0.8	22
70	Antinociceptive Activity of Atranorin in Mice Orofacial Nociception Tests. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2010, 65, 551-561.	0.6	22
71	Gene Expression Profile of NF- $\kappa$ B, Nrf2, Glycolytic, and p53 Pathways During the SH-SY5Y Neuronal Differentiation Mediated by Retinoic Acid. <i>Molecular Neurobiology</i> , 2016, 53, 423-435.	1.9	22
72	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.	2.0	21

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73	Redox homeostasis is compromised in vivo by the metabolites accumulating in 3-hydroxy-3-methylglutaryl-CoA lyase deficiency in rat cerebral cortex and liver. <i>Free Radical Research</i> , 2013, 47, 1066-1075.	1.5	21
74	Focussed microarray analysis of apoptosis in periodontitis and its potential pharmacological targeting by carvacrol. <i>Archives of Oral Biology</i> , 2014, 59, 461-469.	0.8	21
75	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.	1.9	21
76	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.	2.9	21
77	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.	1.9	21
78	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.	1.5	21
79	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.	1.3	21
80	Vitamin A Supplementation for Different Periods Alters Oxidative Parameters in Lungs of Rats. <i>Journal of Medicinal Food</i> , 2009, 12, 1375-1380.	0.8	19
81	Antioxidant Therapies for Neurodegenerative Diseases: Mechanisms, Current Trends, and Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-2.	1.9	19
82	Guarana ( <i>Paullinia cupana</i> Mart.) alters gut microbiota and modulates redox status, partially via caffeine in Wistar rats. <i>Phytotherapy Research</i> , 2018, 32, 2466-2474.	2.8	19
83	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.	0.7	19
84	Antioxidant and Anti-Inflammatory Properties of <i>Anacardium occidentale</i> Leaf Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	0.5	18
85	Retinol increases catalase activity and protein content by a reactive species-dependent mechanism in Sertoli cells. <i>Chemico-Biological Interactions</i> , 2008, 174, 38-43.	1.7	17
86	Antioxidant, Antinociceptive, and Anti-inflammatory Properties of the Ethanol Extract of <i>Combretum duarteanum</i> in Rodents. <i>Journal of Medicinal Food</i> , 2011, 14, 1389-1396.	0.8	17
87	Preventive supplementation with fresh and preserved peach attenuates CCl4-induced oxidative stress, inflammation and tissue damage. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1282-1295.	1.9	17
88	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.	1.9	16
89	Mitochondrial Superoxide Production Is Related to the Control of Cytokine Release from Peritoneal Macrophage After Antioxidant Treatment in Septic Rats. <i>Journal of Surgical Research</i> , 2007, 141, 252-256.	0.8	15
90	Host-guest inclusion complexation of $\beta$ -cyclodextrin and hecogenin acetate to enhance anti-hyperalgesic effect in an animal model of musculoskeletal pain. <i>Process Biochemistry</i> , 2017, 59, 123-131.	1.8	15

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91	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.	0.5	15
92	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.	0.6	14
93	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.	2.0	14
94	<i>Turnera subulata</i> Anti-Inflammatory Properties in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. <i>Journal of Medicinal Food</i> , 2016, 19, 922-930.	0.8	14
95	Delayed neurochemical effects of prenatal exposure to MeHg in the cerebellum of developing rats. <i>Toxicology Letters</i> , 2018, 284, 161-169.	0.4	14
96	Activated peripheral blood mononuclear cell mediators trigger astrocyte reactivity. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 879-888.	2.0	14
97	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.	2.5	14
98	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.	0.9	14
99	Effects of follicle-stimulating hormone and vitamin A upon purinergic secretion by rat Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , 2005, 278, 185-194.	1.4	13
100	Extracellular inosine modulates ERK 1/2 and p38 phosphorylation in cultured Sertoli cells: Possible participation in TNF-alpha modulation of ERK 1/2. <i>Life Sciences</i> , 2005, 77, 3117-3126.	2.0	13
101	Effect of N-salicyloyltryptamine (STP), a novel tryptamine analogue, on parameters of cell viability, oxidative stress, and immunomodulation in RAW 264.7 macrophages. <i>Cell Biology and Toxicology</i> , 2013, 29, 175-187.	2.4	13
102	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.	0.9	13
103	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.	1.2	13
104	Oral administration of carvacrol/β-cyclodextrin complex protects against 6-hydroxydopamine-induced dopaminergic denervation. <i>Neurochemistry International</i> , 2019, 126, 27-35.	1.9	13
105	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.	2.8	13
106	Reverse Engineering the Neuroblastoma Regulatory Network Uncovers MAX as One of the Master Regulators of Tumor Progression. <i>PLoS ONE</i> , 2013, 8, e82457.	1.1	13
107	Extracellular Inosine is Modulated by H <sub>2</sub> O <sub>2</sub> and Protects Sertoli Cells against Lipoperoxidation and Cellular Injury. <i>Free Radical Research</i> , 2004, 38, 37-47.	1.5	12
108	Retinol induces morphological alterations and proliferative focus formation through free radical-mediated activation of multiple signaling pathways. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 558-567.	2.8	12

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109	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?. <i>Molecular Medicine</i> , 2012, 18, 1357-1358.	1.9	12
110	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.	1.9	12
111	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.	1.5	12
112	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.	1.9	12
113	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.	1.6	12
114	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.	2.9	12
115	The effects of retinol oral supplementation in 6-hydroxydopamine dopaminergic denervation model in Wistar rats. <i>Neurochemistry International</i> , 2019, 125, 25-34.	1.9	11
116	Inhibition of MDR1 expression by retinol treatment increases sensitivity to etoposide (VP16) in human neoplastic cell line. <i>Toxicology in Vitro</i> , 2008, 22, 873-878.	1.1	10
117	Retinol up-regulates the receptor for advanced glycation endproducts (RAGE) by increasing intracellular reactive species. <i>Toxicology in Vitro</i> , 2008, 22, 1123-1127.	1.1	10
118	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.	1.5	10
119	Retinol (Vitamin A) Increases $\beta$ -Synuclein, $\beta$ -Amyloid Peptide, Tau Phosphorylation and RAGE Content in Human SH-SY5Y Neuronal Cell Line. <i>Neurochemical Research</i> , 2017, 42, 2788-2797.	1.6	10
120	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.	0.9	10
121	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.	1.4	10
122	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.	1.9	10
123	Nuclear RXR $\alpha$ and RXR $\beta$ receptors exert distinct and opposite effects on RA-mediated neuroblastoma differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 317-328.	1.9	10
124	Morphological and oxidative alterations on Sertoli cells cytoskeleton due to retinol-induced reactive oxygen species. <i>Molecular and Cellular Biochemistry</i> , 2005, 271, 189-196.	1.4	9
125	Extracellular inosine participates in tumor necrosis factor-alpha induced nitric oxide production in cultured Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 281, 123-128.	1.4	9
126	NAME 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.	1.4	9



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127	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
128	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.	1.6	9
129	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.	1.4	9
130	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.	0.8	9
131	Phytochemical screening, antinociceptive and anti-inflammatory activities of <i>Chrysopogon zizanioides</i> essential oil. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 443-450.	0.6	9
132	Changes in ectonucleotidase activities in rat Sertoli cells during sexual maturation. <i>Molecular and Cellular Biochemistry</i> , 2003, 247, 111-119.	1.4	8
133	Non-genomic, direct modulatory effect of 17 $\beta$ -estradiol, progesterone and their synthetic derivatives on the activity of human erythrocyte CuZn superoxide dismutase. <i>Free Radical Research</i> , 2013, 47, 219-232.	1.5	8
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