Jaewon Lee

List of Publications by Year in descending order

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162	9,298	41323	46771
papers	citations	49 h-index	89 g-index

164	164	164	13155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using intracellular metabolic profiling to identify novel biomarkers of cisplatin-induced acute kidney injury in NRK-52E cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 29-42.	1.1	5
2	Di-n-butyl phthalate disrupts neuron maturation in primary rat embryo neurons and male C57BL/6 mice. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 56-70.	1.1	3
3	Chronic Intestinal Inflammation Suppresses Brain Activity by Inducing Neuroinflammation in Mice. American Journal of Pathology, 2022, 192, 72-86.	1.9	10
4	Anti-Inflammatory Effect of IKK-Activated GSK-3Î² Inhibitory Peptide Prevented Nigrostriatal Neurodegeneration in the Rodent Model of Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 998.	1.8	5
5	Renal tubular PAR2 promotes interstitial fibrosis by increasing inflammatory responses and EMT process. Archives of Pharmacal Research, 2022, 45, 159-173.	2.7	12
6	Screen-printed carbon electrode modified with de-bundled single-walled carbon nanotubes for voltammetric determination of norepinephrine in ex vivo rat tissue. Bioelectrochemistry, 2022, 146, 108155.	2.4	13
7	Vitamin C Is Essential for the Maintenance of Skeletal Muscle Functions. Biology, 2022, 11, 955.	1.3	2
8	Neuroprotective and Anti-Inflammatory Effects of Evernic Acid in an MPTP-Induced Parkinsonâ€™s Disease Model. International Journal of Molecular Sciences, 2021, 22, 2098.	1.8	19
9	Polymer-dispersed reduced graphene oxide nanosheets and Prussian blue modified biosensor for amperometric detection of sarcosine. Analytica Chimica Acta, 2021, 1175, 338749.	2.6	25
10	In situ synthesis of copperâ€“ruthenium bimetallic nanoparticles on laser-induced graphene as a peroxidase mimic. Chemical Communications, 2021, 57, 1947-1950.	2.2	9
11	Disposable Voltammetric Sensor Modified with Block Copolymer-Dispersed Graphene for Simultaneous Determination of Dopamine and Ascorbic Acid in Ex Vivo Mouse Brain Tissue. Biosensors, 2021, 11, 368.	2.3	9
12	Anti-Inflammatory Effects of the Novel Barbiturate Derivative MHY2699 in an MPTP-Induced Mouse Model of Parkinsonâ€™s Disease. Antioxidants, 2021, 10, 1855.	2.2	5
13	Anti-inflammatory effects of usnic acid in an MPTP-induced mouse model of Parkinsonâ€™s disease. Brain Research, 2020, 1730, 146642.	1.1	18
14	Mesenchymal Stem Cell Therapy and Alzheimerâ€™s Disease: Current Status and Future Perspectives. Journal of Alzheimer's Disease, 2020, 77, 1-14.	1.2	43
15	Cost-Effective Electrochemical Activation of Graphitic Carbon Nitride on the Glassy Carbon Electrode Surface for Selective Determination of Serotonin. Sensors, 2020, 20, 6083.	2.1	9
16	Tetrabromobisphenol A-Induced Apoptosis in Neural Stem Cells Through Oxidative Stress and Mitochondrial Dysfunction. Neurotoxicity Research, 2020, 38, 74-85.	1.3	20
17	Hesperetin inhibits neuroinflammation on microglia by suppressing inflammatory cytokines and MAPK pathways. Archives of Pharmacal Research, 2019, 42, 695-703.	2.7	72
18	High-Dose Vitamin C Preadministration Reduces Vancomycin-Associated Nephrotoxicity in Mice. Journal of Nutritional Science and Vitaminology, 2019, 65, 399-404.	0.2	9

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19	Proâ€˜apoptotic effect of the novel benzylidene derivative MHY695 in human colon cancer cells. Oncology Letters, 2019, 18, 3256-3264.	0.8	3
20	Dibutyl phthalate impairs neural progenitor cell proliferation and hippocampal neurogenesis. Food and Chemical Toxicology, 2019, 129, 239-248.	1.8	22
21	Significant roles of neuroinflammation in Parkinsonâ€™s disease: therapeutic targets for PD prevention. Archives of Pharmacal Research, 2019, 42, 416-425.	2.7	107
22	FoxO6-mediated IL-1Î² induces hepatic insulin resistance and age-related inflammation via the TF/PAR2 pathway in aging and diabetic mice. Redox Biology, 2019, 24, 101184.	3.9	37
23	Age-dependent changes in vancomycin-induced nephrotoxicity in mice. Journal of Toxicologic Pathology, 2019, 32, 57-66.	0.3	3
24	Redefining Chronic Inflammation in Aging and Age-Related Diseases: Proposal of the Senoinflammation Concept. , 2019, 10, 367.		314
25	Neuroprotective effects of MHY908, a PPAR Î±/Î³ dual agonist, in a MPTP-induced Parkinsonâ€™s disease model. Brain Research, 2019, 1704, 47-58.	1.1	25
26	Anti-inflammatory action of Î²-hydroxybutyrate via modulation of PGC-1Î± and FoxO1, mimicking calorie restriction. Aging, 2019, 11, 1283-1304.	1.4	50
27	PKM2 Knockdown Induces Autophagic Cell Death via AKT/mTOR Pathway in Human Prostate Cancer Cells. Cellular Physiology and Biochemistry, 2019, 52, 1535-1552.	1.1	38
28	Learning, memory deficits, and impaired neuronal maturation attributed to acrylamide. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 254-265.	1.1	20
29	De-bundled single-walled carbon nanotube-modified sensors for simultaneous differential pulse voltammetric determination of ascorbic acid, dopamine, and uric acid. New Journal of Chemistry, 2018, 42, 2432-2438.	1.4	26
30	Curcumin ameliorates cadmium-induced nephrotoxicity in Sprague-Dawley rats. Food and Chemical Toxicology, 2018, 114, 34-40.	1.8	69
31	Hepatic damage exacerbates cisplatin-induced acute kidney injury in Sprague-Dawley rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 397-407.	1.1	6
32	Pseudane-VII Regulates LPS-Induced Neuroinflammation in Brain Microglia Cells through the Inhibition of iNOS Expression. Molecules, 2018, 23, 3196.	1.7	20
33	Sensitive neurotoxicity assessment of bisphenol A using double immunocytochemistry of DCX and MAP2. Archives of Pharmacal Research, 2018, 41, 1098-1107.	2.7	19
34	High dose tetrabromobisphenol A impairs hippocampal neurogenesis and memory retention. Food and Chemical Toxicology, 2017, 106, 223-231.	1.8	22
35	The critical role played by endotoxin-induced liver autophagy in the maintenance of lipid metabolism during sepsis. Autophagy, 2017, 13, 1113-1129.	4.3	60
36	Neuroprotective effects of 2,4-dinitrophenol in an acute model of Parkinsonâ€™s disease. Brain Research, 2017, 1663, 184-193.	1.1	23

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37	One-step construction of a molybdenum disulfide/multi-walled carbon nanotubes/polypyrrole nanocomposite biosensor for the ex-vivo detection of dopamine in mouse brain tissue. Biochemical and Biophysical Research Communications, 2017, 494, 181-187.	1.0	32
38	Electrochemical reactive oxygen species detection by cytochromecimmobilized with vertically aligned and electrochemically reduced graphene oxide on a glassy carbon electrode. Analyst, The, 2017, 142, 4544-4552.	1.7	14
39	Neuroprotective strategies to prevent and treat Parkinsonâ€™s disease based on its pathophysiological mechanism. Archives of Pharmacal Research, 2017, 40, 1117-1128.	2.7	16
40	miR-10a and miR-204 as a Potential Prognostic Indicator in Low-Grade Gliomas. Cancer Informatics, 2017, 16, 117693511770287.	0.9	15
41	Identification of a sensitive urinary biomarker, selenium-binding protein 1, for early detection of acute kidney injury. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 453-464.	1.1	24
42	Time-Dependent Alterations of Vancomycin-Induced Nephrotoxicity in Mice. Biological and Pharmaceutical Bulletin, 2017, 40, 975-983.	0.6	8
43	Transformation of liver cells by 3-methylcholanthrene potentiates oxidative stress via the downregulation of glutathione synthesis. International Journal of Molecular Medicine, 2017, 40, 2011-2017.	1.8	6
44	RNA-Seq analysis reveals new evidence for inflammation-related changes in aged kidney. Oncotarget, 2016, 7, 30037-30048.	0.8	14
45	Anticancer Effects of a New SIRT Inhibitor, MHY2256, against Human Breast Cancer MCF-7 Cells via Regulation of MDM2-p53 Binding. International Journal of Biological Sciences, 2016, 12, 1555-1567.	2.6	47
46	Neuroprotective and antiâ€inflammatory effects of morin in a murine model of Parkinson's disease. Journal of Neuroscience Research, 2016, 94, 865-878.	1.3	52
47	Tyrosinase inhibitory flavonoid from Juniperus communis fruits. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2311-2317.	0.6	11
48	Neuroprotective effect of bee venom is mediated by reduced astrocyte activation in a subchronic MPTP-induced model of Parkinsonâ€™s disease. Archives of Pharmacal Research, 2016, 39, 1160-1170.	2.7	18
49	Stable and biocompatible cystine knot peptides from the marine sponge Asteropus sp.. Bioorganic and Medicinal Chemistry, 2016, 24, 2979-2987.	1.4	7
50	Methylglyoxal Causes Cell Death in Neural Progenitor Cells and Impairs Adult Hippocampal Neurogenesis. Neurotoxicity Research, 2016, 29, 419-431.	1.3	27
51	PMC-12, a traditional herbal medicine, enhances learning memory and hippocampal neurogenesis in mice. Neuroscience Letters, 2016, 617, 254-263.	1.0	18
52	Ageâ€related sensitivity to endotoxinâ€induced liver inflammation: Implication of inflammasome/<scp>IL</scp>â€1Î² for steatohepatitis. Aging Cell, 2015, 14, 524-533.	3.0	33
53	The mitochondrial uncoupler <scp>DNP</scp> triggers brain cell <scp>mTOR</scp> signaling network reprogramming andÂ<scp>CREB</scp> pathway upâ€regulation. Journal of Neurochemistry, 2015, 134, 677-692.	2.1	53
54	Colon-targeted delivery of budesonide using dual pH- and time-dependent polymeric nanoparticles for colitis therapy. Drug Design, Development and Therapy, 2015, 9, 3789.	2.0	45

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55	PMC-12, a Prescription of Traditional Korean Medicine, Improves AmyloidÎ²-Induced Cognitive Deficits through Modulation of Neuroinflammation. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	0.5	6
56	Silibinin prevents dopaminergic neuronal loss in a mouse model of Parkinson's disease via mitochondrial stabilization. Journal of Neuroscience Research, 2015, 93, 755-765.	1.3	55
57	Neuroprotection and spatial memory enhancement of four herbal mixture extract in HT22 hippocampal cells and a mouse model of focal cerebral ischemia. BMC Complementary and Alternative Medicine, 2015, 15, 202.	3.7	13
58	Silibinin suppresses astroglial activation in a mouse model of acute Parkinson×³s disease by modulating the ERK and JNK signaling pathways. Brain Research, 2015, 1627, 233-242.	1.1	34
59	Psammaplin A induces Sirtuin 1-dependent autophagic cell death in doxorubicin-resistant MCF-7/adr human breast cancer cells and xenografts. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 401-410.	1.1	33
60	Evaluation of Cadmium-Induced Nephrotoxicity Using Urinary Metabolomic Profiles in Sprague-Dawley Male Rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 1384-1398.	1.1	39
61	Age-related inflammation and insulin resistance: a review of their intricate interdependency. Archives of Pharmacal Research, 2014, 37, 1507-1514.	2.7	97
62	Baicalein attenuates astroglial activation in the 1â€methylâ€4â€phenylâ€1,2,3,4â€tetrahydropyridineâ€induced Parkinson's disease model by downregulating the activations of nuclear factorâ€ÎºB, ERK, and JNK. Journal of Neuroscience Research, 2014, 92, 130-139.	1.3	89
63	Adaptive Cellular Stress Pathways as Therapeutic Targets of Dietary Phytochemicals: Focus on the Nervous System. Pharmacological Reviews, 2014, 66, 815-868.	7.1	122
64	Sphingosine 1-phosphate induced anti-atherogenic and atheroprotective M2 macrophage polarization through IL-4. Cellular Signalling, 2014, 26, 2249-2258.	1.7	61
65	Viriditoxin regulates apoptosis and autophagy via mitotic catastrophe and microtubule formation in human prostate cancer cells. International Journal of Oncology, 2014, 45, 2331-2340.	1.4	25
66	Transformation of Mouse Liver Cells by Methylcholanthrene Leads to Phenotypic Changes Associated with Epithelial-mesenchymal Transition. Toxicological Research, 2014, 30, 261-266.	1.1	5
67	Elevated TRAF2/6 expression in Parkinson's disease is caused by the loss of Parkin E3 ligase activity. Laboratory Investigation, 2013, 93, 663-676.	1.7	36
68	Senescence marker protein 30 deficiency increases Parkinson's pathology by impairing astrocyte activation. Neurobiology of Aging, 2013, 34, 1177-1183.	1.5	13
69	Development of Akt-activated GSK3Î² inhibitory peptide. Biochemical and Biophysical Research Communications, 2013, 434, 735-739.	1.0	12
70	Selective impairment on the proliferation of neural progenitor cells by oxidative phosphorylation disruption. Neuroscience Letters, 2013, 535, 134-139.	1.0	13
71	Diallyl disulfide impairs hippocampal neurogenesis in the young adult brain. Toxicology Letters, 2013, 221, 31-38.	0.4	17
72	Recent advances in calorie restriction research on aging. Experimental Gerontology, 2013, 48, 1049-1053.	1.2	95

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73	Baicalein attenuates impaired hippocampal neurogenesis and the neurocognitive deficits induced by Î³â€ray radiation. British Journal of Pharmacology, 2013, 168, 421-431.	2.7	97
74	Insufficient ascorbic acid intake during gestation induces abnormal cardiac dilation in fetal and neonatal SMP30/GNL knockout mice. Pediatric Research, 2013, 73, 578-584.	1.1	12
75	Sirtinol, a class III HDAC inhibitor, induces apoptotic and autophagic cell death in MCF-7 human breast cancer cells. International Journal of Oncology, 2012, 41, 1101-1109.	1.4	104
76	A new synthetic HDAC inhibitor, MHY218, induces apoptosis or autophagy-related cell death in tamoxifen-resistant MCF-7 breast cancer cells. Investigational New Drugs, 2012, 30, 1887-1898.	1.2	32
77	Evaluation of metabolomic profiling against renal toxicity in Sprague–Dawley rats treated with melamine and cyanuric acid. Archives of Toxicology, 2012, 86, 1885-1897.	1.9	23
78	The hepatoprotective effects of adenine nucleotide translocator-2 against aging and oxidative stress. Free Radical Research, 2012, 46, 21-29.	1.5	12
79	Resveratrol Inhibits the Proliferation of Neural Progenitor Cells and Hippocampal Neurogenesis. Journal of Biological Chemistry, 2012, 287, 42588-42600.	1.6	83
80	Chemopreventive mechanisms of methionine on inhibition of benzo(a)pyrene–DNA adducts formation in human hepatocellular carcinoma HepG2 cells. Toxicology Letters, 2012, 208, 232-238.	0.4	17
81	Oxidative lipid modification of nicastrin enhances amyloidogenic Î³â€secretase activity in Alzheimer's disease. Aging Cell, 2012, 11, 559-568.	3.0	81
82	Naphthazarin has a protective effect on the 1â€methylâ€4â€phenylâ€1,2,3,4â€tetrahydropyridineâ€induced Parkinson's disease model. Journal of Neuroscience Research, 2012, 90, 1842-1849.	1.3	24
83	Comparisons of polybrominated diphenyl ethers levels in paired South Korean cord blood, maternal blood, and breast milk samples. Chemosphere, 2012, 87, 97-104.	4.2	56
84	High dose bisphenol A impairs hippocampal neurogenesis in female mice across generations. Toxicology, 2012, 296, 73-82.	2.0	70
85	Molecular Mechanism of SAHA on Regulation of Autophagic Cell Death in Tamoxifen-Resistant MCF-7 Breast Cancer Cells. International Journal of Medical Sciences, 2012, 9, 881-893.	1.1	105
86	Exposure to bisphenol A appears to impair hippocampal neurogenesis and spatial learning and memory. Food and Chemical Toxicology, 2011, 49, 3383-3389.	1.8	69
87	Lipotoxicity of Palmitic Acid on Neural Progenitor Cells and Hippocampal Neurogenesis. Toxicological Research, 2011, 27, 103-110.	1.1	44
88	Neurogenic contributions made by dietary regulation to hippocampal neurogenesis. Annals of the New York Academy of Sciences, 2011, 1229, 23-28.	1.8	53
89	Morin attenuates tau hyperphosphorylation by inhibiting GSK3Î². Neurobiology of Disease, 2011, 44, 223-230.	2.1	87
90	A novel epoxypropoxy flavonoid derivative and topoisomerase II inhibitor, MHY336, induces apoptosis in prostate cancer cells. European Journal of Pharmacology, 2011, 658, 98-107.	1.7	44

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91	Hyperoxia attenuates the inhibitory effect of nitric oxide donors on HIF prolyl-4-hydroxylase-2: Implication on discriminative effect of nitric oxide on HIF prolyl-4-hydroxylase-2 and collagen prolyl-4-hydroxylase. Biochemical Pharmacology, 2011, 82, 485-490.	2.0	1
92	Organic solvent metabolite, 1,2-diacetylbenzene, impairs neural progenitor cells and hippocampal neurogenesis. Chemico-Biological Interactions, 2011, 194, 139-147.	1.7	12
93	Molecular Inflammation as an Underlying Mechanism of the Aging Process and Age-related Diseases. Journal of Dental Research, 2011, 90, 830-840.	2.5	191
94	Molecular Mechanism of Tetrabromobisphenol A (TBBPA)-induced Target Organ Toxicity in Sprague-Dawley Male Rats. Toxicological Research, 2011, 27, 61-70.	1.1	48
95	Developmental and ageâ€related changes of peptidylarginine deiminase 2 in the mouse brain. Journal of Neuroscience Research, 2010, 88, 798-806.	1.3	32
96	Evaluation of liver and thyroid toxicity in Sprague-Dawley rats after exposure to polybrominated diphenyl ether BDE-209. Journal of Toxicological Sciences, 2010, 35, 535-545.	0.7	103
97	Revealing system-level correlations between aging and calorie restriction using a mouse transcriptome. Age, 2010, 32, 15-30.	3.0	18
98	Molecular activation of NF-Î¹B, pro-inflammatory mediators, and signal pathways in Î³-irradiated mice. Biotechnology Letters, 2010, 32, 373-378.	1.1	22
99	Antitumor effect of novel small chemical inhibitors of Snail-p53 binding in K-Ras-mutated cancer cells. Oncogene, 2010, 29, 4576-4587.	2.6	43
100	Capsaicin Impairs Proliferation of Neural Progenitor Cells and Hippocampal Neurogenesis in Young Mice. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1490-1501.	1.1	14
101	Acrylamide induces cell death in neural progenitor cells and impairs hippocampal neurogenesis. Toxicology Letters, 2010, 193, 86-93.	0.4	84
102	Functional Role of Phospholipase D (PLD) in Di(2-Ethylhexyl) Phthalate-Induced Hepatotoxicity in Sprague-Dawley Rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1560-1569.	1.1	17
103	A high-fat diet impairs neurogenesis: Involvement of lipid peroxidation and brain-derived neurotrophic factor. Neuroscience Letters, 2010, 482, 235-239.	1.0	302
104	Molecular Delineation of Î³-Ray-Induced NF-Î¹B Activation and Pro-inflammatory Genes in SMP30 Knockout Mice. Radiation Research, 2010, 173, 629-634.	0.7	7
105	Exposure Assessment of Polybrominated Diphenyl Ethers (PBDE) in Umbilical Cord Blood of Korean Infants. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1318-1326.	1.1	48
106	The Anti-Inflammatory Effect of Kaempferol in Aged Kidney Tissues: The Involvement of Nuclear Factor-Î¹B via Nuclear Factor-Inducing Kinase/IÎ¹B Kinase and Mitogen-Activated Protein Kinase Pathways. Journal of Medicinal Food, 2009, 12, 351-358.	0.8	59
107	Adenine nucleotide translocator 1 deficiency increases resistance of mouse brain and neurons to excitotoxic insults. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 364-370.	0.5	36
108	Mechanism of apicidin-induced cell cycle arrest and apoptosis in Ishikawa human endometrial cancer cells. Chemico-Biological Interactions, 2009, 179, 169-177.	1.7	27

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109	Senescence marker protein 30 is upâ€regulated in kainateâ€induced hippocampal damage through ERKâ€mediated astrocytosis. Journal of Neuroscience Research, 2009, 87, 2890-2897.	1.3	15
110	Neurotoxic effect of 2,5-hexanedione on neural progenitor cells and hippocampal neurogenesis. Toxicology, 2009, 260, 97-103.	2.0	24
111	This month in APR. Archives of Pharmacal Research, 2009, 32, 1651-1652.	2.7	0
112	Effect of short term calorie restriction on pro-inflammatory NF-kB and AP-1 in aged rat kidney. Inflammation Research, 2009, 58, 143-150.	1.6	105
113	Potencies of Bisphenol a on the Neuronal Differentiation and Hippocampal Neurogenesis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1343-1351.	1.1	50
114	The role of the Ser/Thr cluster in the phosphorylation of PPPSP motifs in Wnt coreceptors. Biochemical and Biophysical Research Communications, 2009, 381, 345-349.	1.0	19
115	2-Deoxy-d-glucose protects neural progenitor cells against oxidative stress through the activation of AMP-activated protein kinase. Neuroscience Letters, 2009, 449, 201-206.	1.0	22
116	Risk Assessment for the Combinational Effects of Food Color Additives: Neural Progenitor Cells and Hippocampal Neurogenesis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1412-1423.	1.1	30
117	Effects of Gestational Exposure to Decabromodiphenyl Ether on Reproductive Parameters, Thyroid Hormone Levels, and Neuronal Development in Sprague-Dawley Rats Offspring. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1296-1303.	1.1	69
118	Effects of Di(2-ethylhexyl) Phthalate on Regulation of Steroidogenesis or Spermatogenesis in Testes of Sprague-Dawley Rats. Journal of Health Science, 2009, 55, 380-388.	0.9	11
119	Apicidin Induces Apoptosis via Cytochrome c-Mediated Intrinsic Pathway in Human Ovarian Cancer Cells. Biomolecules and Therapeutics, 2009, 17, 17-24.	1.1	7
120	Cytoprotective roles of senescence marker protein 30 against intracellular calcium elevation and oxidative stress. Archives of Pharmacal Research, 2008, 31, 872-877.	2.7	32
121	Iodoacetate protects hippocampal neurons against excitotoxic and oxidative injury: involvement of heat-shock proteins and Bcl-2. Journal of Neurochemistry, 2008, 79, 361-370.	2.1	36
122	Mitochondrial ATP synthase is a target for TNBSâ€induced protein carbonylation in XSâ€106 dendritic cells. Proteomics, 2008, 8, 2384-2393.	1.3	20
123	Cytotoxicity of 1,2-diacetylbenzene in human neuroblastoma SHSY5Y cells is mediated by oxidative stress. Toxicology, 2008, 243, 216-223.	2.0	22
124	Vitamin C depletion increases superoxide generation in brains of SMP30/GNL knockout mice. Biochemical and Biophysical Research Communications, 2008, 377, 291-296.	1.0	65
125	Curcumin Stimulates Proliferation of Embryonic Neural Progenitor Cells and Neurogenesis in the Adult Hippocampus. Journal of Biological Chemistry, 2008, 283, 14497-14505.	1.6	301
126	Time-Response Effects of Testicular Gene Expression Profiles in Sprague-Dawley Male Rats Treated with Di(n-Butyl) Phthalate. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 1542-1549.	1.1	18

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127	Hypothyroidism protects di(n-butyl) phthalate-induced reproductive organs damage in Sprague-Dawley male rats. Journal of Toxicological Sciences, 2008, 33, 299-306.	0.7	8
128	Direct Inhibition of GSK3Î² by the Phosphorylated Cytoplasmic Domain of LRP6 in Wnt/Î²-Catenin Signaling. PLoS ONE, 2008, 3, e4046.	1.1	181
129	Effect of Prenatal Administration of Polybrominated Diphenyl Ethers (PBDEs) on the Thyroid Hormone Levels and Neuronal Development in Juvenile and Adult Rats. Biology of Reproduction, 2008, 78, 84-84.	1.2	0
130	Molecular Mechanism of Dietary Restriction in Neuroprevention and Neurogenesis: Involvement of Neurotrophic Factors. Toxicological Research, 2008, 24, 245-251.	1.1	2
131	Di(2-ethylhexyl) Phthalate Induces Apoptosis Through Peroxisome Proliferators-Activated Receptor-Gamma and ERK 1/2 Activation in Testis of Sprague-Dawley Rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2007, 70, 1296-1303.	1.1	55
132	Role of hypoxia-inducible factor-Î± in hepatitis-B-virus X protein-mediated MDR1 activation. Biochemical and Biophysical Research Communications, 2007, 357, 567-573.	1.0	37
133	Suppressive Effects of Bisphenol A on the Proliferation of Neural Progenitor Cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2007, 70, 1288-1295.	1.1	56
134	Di(2-ethylhexyl) phthalate induced apoptosis through peroxisome proliferators-activated receptor-gamma and ERK 1/2 activation in testes of Sprague–Dawley rats. Toxicology Letters, 2007, 172, S67.	0.4	1
135	Upregulation of endothelial adhesion molecules by lysophosphatidylcholine. FEBS Journal, 2007, 274, 2573-2584.	2.2	27
136	Interferon-Î³ Promotes Differentiation of Neural Progenitor Cells via the JNK Pathway. Neurochemical Research, 2007, 32, 1399-1406.	1.6	78
137	Suppression of age-related inflammatory NF-ÎºB activation by cinnamaldehyde. Biogerontology, 2007, 8, 545-554.	2.0	107
138	Preliminary X-ray crystallographic analysis of the catalytic domain of prophenoloxidase activating factor-I. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 771-773.	0.7	2
139	SMP30 deficiency causes increased oxidative stress in brain. Mechanisms of Ageing and Development, 2006, 127, 451-457.	2.2	73
140	Interferon-Î³ is up-regulated in the hippocampus in response to intermittent fasting and protects hippocampal neurons against excitotoxicity. Journal of Neuroscience Research, 2006, 83, 1552-1557.	1.3	45
141	Upregulation of Aortic Adhesion Molecules During Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 232-244.	1.7	60
142	Aging effect on myeloperoxidase in rat kidney and its modulation by calorie restriction. Free Radical Research, 2005, 39, 283-289.	1.5	32
143	Herp Stabilizes Neuronal Ca2+ Homeostasis and Mitochondrial Function during Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2004, 279, 28733-28743.	1.6	106
144	Interactive Effects of Excitotoxic Injury and Dietary Restriction on Microgliosis and Neurogenesis in the Hippocampus of Adult Mice. NeuroMolecular Medicine, 2003, 4, 179-196.	1.8	22

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145	Influence of cytosolic and mitochondrial Ca2+, ATP, mitochondrial membrane potential, and calpain activity on the mechanism of neuron death induced by 3-nitropropionic acid. Neurochemistry International, 2003, 43, 89-99.	1.9	69
146	Folic Acid Deficiency and Homocysteine Impair DNA Repair in Hippocampal Neurons and Sensitize Them to Amyloid Toxicity in Experimental Models of Alzheimer's Disease. Journal of Neuroscience, 2002, 22, 1752-1762.	1.7	597
147	Phenformin Suppresses Calcium Responses to Glutamate and Protects Hippocampal Neurons against Excitotoxicity. Experimental Neurology, 2002, 175, 161-167.	2.0	24
148	Seizures and Tissue Injury Induce Telomerase in Hippocampal Microglial Cells. Experimental Neurology, 2002, 178, 294-300.	2.0	22
149	Increasing Brain Healthspan by Dietary Restriction. , 2002, , 63-85.		0
150	Neuroprotective and neurorestorative signal transduction mechanisms in brain aging: modification by genes, diet and behavior. Neurobiology of Aging, 2002, 23, 695-705.	1.5	89
151	Dietary restriction enhances neurotrophin expression and neurogenesis in the hippocampus of adult mice. Journal of Neurochemistry, 2002, 80, 539-547.	2.1	416
152	Evidence that brain-derived neurotrophic factor is required for basal neurogenesis and mediates, in part, the enhancement of neurogenesis by dietary restriction in the hippocampus of adult mice. Journal of Neurochemistry, 2002, 82, 1367-1375.	2.1	850
153	Adverse Effect of a Presenilin-1 Mutation in Microglia Results in Enhanced Nitric Oxide and Inflammatory Cytokine Responses to Immune Challenge in the Brain. NeuroMolecular Medicine, 2002, 2, 29-46.	1.8	75
154	Dietary Restriction Stimulates BDNF Production in the Brain and Thereby Protects Neurons Against Excitotoxic Injury. Journal of Molecular Neuroscience, 2001, 16, 1-12.	1.1	157
155	Suppression of brain aging and neurodegenerative disorders by dietary restriction and environmental enrichment: molecular mechanisms. Mechanisms of Ageing and Development, 2001, 122, 757-778.	2.2	160
156	Progress in the Development of Caloric Restriction Mimetic Dietary Supplements. Rejuvenation Research, 2001, 4, 225-232.	0.2	15
157	Dietary Restriction Increases the Number of Newly Generated Neural Cells, and Induces BDNF Expression, in the Dentate Gyrus of Rats. Journal of Molecular Neuroscience, 2000, 15, 99-108.	1.1	343
158	Dietary Restriction Selectively Decreases Glucocorticoid Receptor Expression in the Hippocampus and Cerebral Cortex of Rats. Experimental Neurology, 2000, 166, 435-441.	2.0	49
159	Modulation of cardiac mitochondrial membrane fluidity by age and calorie intake. Free Radical Biology and Medicine, 1999, 26, 260-265.	1.3	87
160	2-deoxy-d-glucose protects hippocampal neurons against excitotoxic and oxidative injury: Evidence for the involvement of stress proteins. Journal of Neuroscience Research, 1999, 57, 48-61.	1.3	166
161	2â€deoxyâ€dâ€glucose protects hippocampal neurons against excitotoxic and oxidative injury: Evidence for the involvement of stress proteins. Journal of Neuroscience Research, 1999, 57, 48-61.	1.3	6
162	Effects of trichostatin A, a histone deacetylase inhibitor, on the regulation of apoptosis in H-ras-transformed breast epithelial cells. International Journal of Molecular Medicine, 1998, 22, 605.	1.8	0