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	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
2	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
3	Dietary restriction enhances neurotrophin expression and neurogenesis in the hippocampus of adult mice. Journal of Neurochemistry, 2002, 80, 539-547.	2.1	416
4	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
5	Redefining Chronic Inflammation in Aging and Age-Related Diseases: Proposal of the Senoinflammation Concept. , 2019, 10, 367.		314
6	A high-fat diet impairs neurogenesis: Involvement of lipid peroxidation and brain-derived neurotrophic factor. Neuroscience Letters, 2010, 482, 235-239.	1.0	302
7	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
8	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
9	Direct Inhibition of GSK3Î² by the Phosphorylated Cytoplasmic Domain of LRP6 in Wnt/Î²-Catenin Signaling. PLoS ONE, 2008, 3, e4046.	1.1	181
10	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
11	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
12	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
13	Adaptive Cellular Stress Pathways as Therapeutic Targets of Dietary Phytochemicals: Focus on the Nervous System. Pharmacological Reviews, 2014, 66, 815-868.	7.1	122
14	Suppression of age-related inflammatory NF-ÎºB activation by cinnamaldehyde. Biogerontology, 2007, 8, 545-554.	2.0	107
15	Significant roles of neuroinflammation in Parkinsonâ€™s disease: therapeutic targets for PD prevention. Archives of Pharmacal Research, 2019, 42, 416-425.	2.7	107
16	Herp Stabilizes Neuronal Ca2+ Homeostasis and Mitochondrial Function during Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2004, 279, 28733-28743.	1.6	106
17	Effect of short term calorie restriction on pro-inflammatory NF-ĸB and AP-1 in aged rat kidney. Inflammation Research, 2009, 58, 143-150.	1.6	105
18	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

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19	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
20	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
21	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
22	Age-related inflammation and insulin resistance: a review of their intricate interdependency. Archives of Pharmacal Research, 2014, 37, 1507-1514.	2.7	97
23	Recent advances in calorie restriction research on aging. Experimental Gerontology, 2013, 48, 1049-1053.	1.2	95
24	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
25	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
26	Modulation of cardiac mitochondrial membrane fluidity by age and calorie intake. Free Radical Biology and Medicine, 1999, 26, 260-265.	1.3	87
27	Morin attenuates tau hyperphosphorylation by inhibiting GSK3Î². Neurobiology of Disease, 2011, 44, 223-230.	2.1	87
28	Acrylamide induces cell death in neural progenitor cells and impairs hippocampal neurogenesis. Toxicology Letters, 2010, 193, 86-93.	0.4	84
29	Resveratrol Inhibits the Proliferation of Neural Progenitor Cells and Hippocampal Neurogenesis. Journal of Biological Chemistry, 2012, 287, 42588-42600.	1.6	83
30	Oxidative lipid modification of nicastrin enhances amyloidogenic Î³â€secretase activity in Alzheimerâ€™s disease. Aging Cell, 2012, 11, 559-568.	3.0	81
31	Interferon-Î³ Promotes Differentiation of Neural Progenitor Cells via the JNK Pathway. Neurochemical Research, 2007, 32, 1399-1406.	1.6	78
32	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
33	SMP30 deficiency causes increased oxidative stress in brain. Mechanisms of Ageing and Development, 2006, 127, 451-457.	2.2	73
34	Hesperetin inhibits neuroinflammation on microglia by suppressing inflammatory cytokines and MAPK pathways. Archives of Pharmacal Research, 2019, 42, 695-703.	2.7	72
35	High dose bisphenol A impairs hippocampal neurogenesis in female mice across generations. Toxicology, 2012, 296, 73-82.	2.0	70
36	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

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37	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
38	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
39	Curcumin ameliorates cadmium-induced nephrotoxicity in Sprague-Dawley rats. Food and Chemical Toxicology, 2018, 114, 34-40.	1.8	69
40	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
41	Sphingosine 1-phosphate induced anti-atherogenic and atheroprotective M2 macrophage polarization through IL-4. Cellular Signalling, 2014, 26, 2249-2258.	1.7	61
42	Upregulation of Aortic Adhesion Molecules During Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 232-244.	1.7	60
43	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
44	The Anti-Inflammatory Effect of Kaempferol in Aged Kidney Tissues: The Involvement of Nuclear Factor-ÎB via Nuclear Factor-Inducing Kinase/IÎB Kinase and Mitogen-Activated Protein Kinase Pathways. Journal of Medicinal Food, 2009, 12, 351-358.	0.8	59
45	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
46	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
47	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
48	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
49	Neurogenic contributions made by dietary regulation to hippocampal neurogenesis. Annals of the New York Academy of Sciences, 2011, 1229, 23-28.	1.8	53
50	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
51	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
52	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
53	Anti-inflammatory action of Î²-hydroxybutyrate via modulation of PGC-1Îµ and FoxO1, mimicking calorie restriction. Aging, 2019, 11, 1283-1304.	1.4	50
54	Dietary Restriction Selectively Decreases Glucocorticoid Receptor Expression in the Hippocampus and Cerebral Cortex of Rats. Experimental Neurology, 2000, 166, 435-441.	2.0	49

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55	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
56	Molecular Mechanism of Tetrabromobisphenol A (TBBPA)-induced Target Organ Toxicity in Sprague-Dawley Male Rats. Toxicological Research, 2011, 27, 61-70.	1.1	48
57	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
58	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
59	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
60	Lipotoxicity of Palmitic Acid on Neural Progenitor Cells and Hippocampal Neurogenesis. Toxicological Research, 2011, 27, 103-110.	1.1	44
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	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
74	Aging effect on myeloperoxidase in rat kidney and its modulation by calorie restriction. Free Radical Research, 2005, 39, 283-289.	1.5	32
75	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
76	Developmental and ageâ€related changes of peptidylarginine deiminase 2 in the mouse brain. Journal of Neuroscience Research, 2010, 88, 798-806.	1.3	32
77	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
78	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
79	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
80	Upregulation of endothelial adhesion molecules by lysophosphatidylcholine. FEBS Journal, 2007, 274, 2573-2584.	2.2	27
81	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
82	Methylglyoxal Causes Cell Death in Neural Progenitor Cells and Impairs Adult Hippocampal Neurogenesis. Neurotoxicity Research, 2016, 29, 419-431.	1.3	27
83	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
84	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
85	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
86	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
87	Phenformin Suppresses Calcium Responses to Glutamate and Protects Hippocampal Neurons against Excitotoxicity. Experimental Neurology, 2002, 175, 161-167.	2.0	24
88	Neurotoxic effect of 2,5-hexanedione on neural progenitor cells and hippocampal neurogenesis. Toxicology, 2009, 260, 97-103.	2.0	24
89	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
90	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

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91	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
92	Neuroprotective effects of 2,4-dinitrophenol in an acute model of Parkinson's disease. Brain Research, 2017, 1663, 184-193.	1.1	23
93	Seizures and Tissue Injury Induce Telomerase in Hippocampal Microglial Cells. Experimental Neurology, 2002, 178, 294-300.	2.0	22
94	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
95	Cytotoxicity of 1,2-diacetylbenzene in human neuroblastoma SHSY5Y cells is mediated by oxidative stress. Toxicology, 2008, 243, 216-223.	2.0	22
96	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
97	Molecular activation of NF-ÎºB, pro-inflammatory mediators, and signal pathways in Î³-irradiated mice. Biotechnology Letters, 2010, 32, 373-378.	1.1	22
98	High dose tetrabromobisphenol A impairs hippocampal neurogenesis and memory retention. Food and Chemical Toxicology, 2017, 106, 223-231.	1.8	22
99	Dibutyl phthalate impairs neural progenitor cell proliferation and hippocampal neurogenesis. Food and Chemical Toxicology, 2019, 129, 239-248.	1.8	22
100	Mitochondrial ATP synthase is a target for TNBS–induced protein carbonylation in XS–106 dendritic cells. Proteomics, 2008, 8, 2384-2393.	1.3	20
101	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
102	Pseudane-VII Regulates LPS-Induced Neuroinflammation in Brain Microglia Cells through the Inhibition of iNOS Expression. Molecules, 2018, 23, 3196.	1.7	20
103	Tetrabromobisphenol A-Induced Apoptosis in Neural Stem Cells Through Oxidative Stress and Mitochondrial Dysfunction. Neurotoxicity Research, 2020, 38, 74-85.	1.3	20
104	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
105	Sensitive neurotoxicity assessment of bisphenol A using double immunocytochemistry of DCX and MAP2. Archives of Pharmacal Research, 2018, 41, 1098-1107.	2.7	19
106	Neuroprotective and Anti-Inflammatory Effects of Evernic Acid in an MPTP-Induced Parkinson's Disease Model. International Journal of Molecular Sciences, 2021, 22, 2098.	1.8	19
107	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
108	Revealing system-level correlations between aging and calorie restriction using a mouse transcriptome. Age, 2010, 32, 15-30.	3.0	18

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109	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
110	PMC-12, a traditional herbal medicine, enhances learning memory and hippocampal neurogenesis in mice. Neuroscience Letters, 2016, 617, 254-263.	1.0	18
111	Anti-inflammatory effects of usnic acid in an MPTP-induced mouse model of Parkinsonâ€™s disease. Brain Research, 2020, 1730, 146642.	1.1	18
112	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
113	Chemopreventive mechanisms of methionine on inhibition of benzo(a)pyreneâ€“DNA adducts formation in human hepatocellular carcinoma HepG2 cells. Toxicology Letters, 2012, 208, 232-238.	0.4	17
114	Diallyl disulfide impairs hippocampal neurogenesis in the young adult brain. Toxicology Letters, 2013, 221, 31-38.	0.4	17
115	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
116	Progress in the Development of Caloric Restriction Mimetic Dietary Supplements. Rejuvenation Research, 2001, 4, 225-232.	0.2	15
117	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
118	miR-10a and miR-204 as a Potential Prognostic Indicator in Low-Grade Gliomas. Cancer Informatics, 2017, 16, 117693511770287.	0.9	15
119	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
120	RNA-Seq analysis reveals new evidence for inflammation-related changes in aged kidney. Oncotarget, 2016, 7, 30037-30048.	0.8	14
121	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
122	Senescence marker protein 30 deficiency increases Parkinson's pathology by impairing astrocyte activation. Neurobiology of Aging, 2013, 34, 1177-1183.	1.5	13
123	Selective impairment on the proliferation of neural progenitor cells by oxidative phosphorylation disruption. Neuroscience Letters, 2013, 535, 134-139.	1.0	13
124	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
125	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
126	Organic solvent metabolite, 1,2-diacetylbenzene, impairs neural progenitor cells and hippocampal neurogenesis. Chemico-Biological Interactions, 2011, 194, 139-147.	1.7	12

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127	The hepatoprotective effects of adenine nucleotide translocator-2 against aging and oxidative stress. Free Radical Research, 2012, 46, 21-29.	1.5	12
128	Development of Akt-activated GSK3Î² inhibitory peptide. Biochemical and Biophysical Research Communications, 2013, 434, 735-739.	1.0	12
129	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
130	Renal tubular PAR2 promotes interstitial fibrosis by increasing inflammatory responses and EMT process. Archives of Pharmacal Research, 2022, 45, 159-173.	2.7	12
131	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
132	Tyrosinase inhibitory flavonoid from Juniperus communis fruits. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2311-2317.	0.6	11
133	Chronic Intestinal Inflammation Suppresses Brain Activity by Inducing Neuroinflammation in Mice. American Journal of Pathology, 2022, 192, 72-86.	1.9	10
134	High-Dose Vitamin C Preadministration Reduces Vancomycin-Associated Nephrotoxicity in Mice. Journal of Nutritional Science and Vitaminology, 2019, 65, 399-404.	0.2	9
135	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
136	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
137	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
138	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
139	Time-Dependent Alterations of Vancomycin-Induced Nephrotoxicity in Mice. Biological and Pharmaceutical Bulletin, 2017, 40, 975-983.	0.6	8
140	Molecular Delineation of Î³-Ray-Induced NF-ÎºB Activation and Pro-inflammatory Genes in SMP30 Knockout Mice. Radiation Research, 2010, 173, 629-634.	0.7	7
141	Stable and biocompatible cystine knot peptides from the marine sponge Asteropus sp.. Bioorganic and Medicinal Chemistry, 2016, 24, 2979-2987.	1.4	7
142	Apicidin Induces Apoptosis via Cytochrome c-Mediated Intrinsic Pathway in Human Ovarian Cancer Cells. Biomolecules and Therapeutics, 2009, 17, 17-24.	1.1	7
143	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
144	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

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145	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
146	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
147	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
148	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
149	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
150	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
151	Proâ€˜apoptotic effect of the novel benzylidene derivative MHY695 in human colon cancer cells. Oncology Letters, 2019, 18, 3256-3264.	0.8	3
152	Age-dependent changes in vancomycin-induced nephrotoxicity in mice. Journal of Toxicologic Pathology, 2019, 32, 57-66.	0.3	3
153	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
154	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
155	Molecular Mechanism of Dietary Restriction in Neuroprevention and Neurogenesis: Involvement of Neurotrophic Factors. Toxicological Research, 2008, 24, 245-251.	1.1	2
156	Vitamin C Is Essential for the Maintenance of Skeletal Muscle Functions. Biology, 2022, 11, 955.	1.3	2
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