

# Chang-Ju Kim

## List of Publications by Citations

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286  
papers

6,508  
citations

44  
h-index

63  
g-index

309  
ext. papers

7,221  
ext. citations

3.2  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
286	Treadmill exercise prevents aging-induced failure of memory through an increase in neurogenesis and suppression of apoptosis in rat hippocampus. <i>Experimental Gerontology</i> , <b>2010</b> , 45, 357-65	4.5	195
285	Amygdalin induces apoptosis through regulation of Bax and Bcl-2 expressions in human DU145 and LNCaP prostate cancer cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2006</b> , 29, 1597-602	2.3	123
284	Maternal swimming during pregnancy enhances short-term memory and neurogenesis in the hippocampus of rat pups. <i>Brain and Development</i> , <b>2006</b> , 28, 147-54	2.2	111
283	Inhibition of cytochrome P450 activities by oleanolic acid and ursolic acid in human liver microsomes. <i>Life Sciences</i> , <b>2004</b> , 74, 2769-79	6.8	109
282	Treadmill exercise suppresses nigrostriatal dopaminergic neuronal loss in 6-hydroxydopamine-induced Parkinson's rats. <i>Neuroscience Letters</i> , <b>2007</b> , 423, 12-7	3.3	107
281	The influence of maternal treadmill running during pregnancy on short-term memory and hippocampal cell survival in rat pups. <i>International Journal of Developmental Neuroscience</i> , <b>2007</b> , 25, 243-9	3.7	106
280	Bee venom induces apoptosis and inhibits expression of cyclooxygenase-2 mRNA in human lung cancer cell line NCI-H1299. <i>Journal of Pharmacological Sciences</i> , <b>2003</b> , 91, 95-104	3.7	103
279	Influence of prenatal noise and music on the spatial memory and neurogenesis in the hippocampus of developing rats. <i>Brain and Development</i> , <b>2006</b> , 28, 109-14	2.2	101
278	Berberine prevents nigrostriatal dopaminergic neuronal loss and suppresses hippocampal apoptosis in mice with Parkinson's disease. <i>International Journal of Molecular Medicine</i> , <b>2014</b> , 33, 870-8	4.4	96
277	Treadmill exercise ameliorates dopaminergic neuronal loss through suppressing microglial activation in Parkinson's disease mice. <i>Life Sciences</i> , <b>2012</b> , 91, 1309-16	6.8	92
276	Treadmill exercise inhibits traumatic brain injury-induced hippocampal apoptosis. <i>Physiology and Behavior</i> , <b>2010</b> , 101, 660-5	3.5	89
275	Age-dependence of the effect of treadmill exercise on cell proliferation in the dentate gyrus of rats. <i>Neuroscience Letters</i> , <b>2004</b> , 355, 152-4	3.3	87
274	Treadmill exercise and methylphenidate ameliorate symptoms of attention deficit/hyperactivity disorder through enhancing dopamine synthesis and brain-derived neurotrophic factor expression in spontaneous hypertensive rats. <i>Neuroscience Letters</i> , <b>2011</b> , 504, 35-9	3.3	86
273	Acupuncture prevents 6-hydroxydopamine-induced neuronal death in the nigrostriatal dopaminergic system in the rat Parkinson's disease model. <i>Experimental Neurology</i> , <b>2003</b> , 180, 93-8	5.7	81
272	Alcohol and nicotine reduce cell proliferation and enhance apoptosis in dentate gyrus. <i>NeuroReport</i> , <b>2002</b> , 13, 1509-13	1.7	81
271	Treadmill exercise improves short-term memory by suppressing ischemia-induced apoptosis of neuronal cells in gerbils. <i>Neuroscience Letters</i> , <b>2004</b> , 372, 256-61	3.3	80
270	Acupuncture increases cell proliferation in dentate gyrus after transient global ischemia in gerbils. <i>Neuroscience Letters</i> , <b>2001</b> , 297, 21-4	3.3	80

269	Effects of oleamide on choline acetyltransferase and cognitive activities. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2003</b> , 67, 1284-91	2.1	75
268	Melatonin attenuates amyloid beta25-35-induced apoptosis in mouse microglial BV2 cells. <i>Neuroscience Letters</i> , <b>2005</b> , 380, 26-31	3.3	74
267	Dexmedetomidine ameliorates intracerebral hemorrhage-induced memory impairment by inhibiting apoptosis and enhancing brain-derived neurotrophic factor expression in the rat hippocampus. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 31, 1047-56	4.4	71
266	Effects of postnatal treadmill exercise on apoptotic neuronal cell death and cell proliferation of maternal-separated rat pups. <i>Brain and Development</i> , <b>2012</b> , 34, 45-56	2.2	66
265	Tadalafil improves short-term memory by suppressing ischemia-induced apoptosis of hippocampal neuronal cells in gerbils. <i>Pharmacology Biochemistry and Behavior</i> , <b>2009</b> , 91, 629-35	3.9	64
264	Melatonin suppresses NO-induced apoptosis via induction of Bcl-2 expression in PGT-beta immortalized pineal cells. <i>Journal of Pineal Research</i> , <b>2002</b> , 33, 146-50	10.4	64
263	Treadmill exercise improves short-term memory by enhancing neurogenesis in amyloid beta-induced Alzheimer disease rats. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 2-8	1.8	64
262	Depression-like state in maternal rats induced by repeated separation of pups is accompanied by a decrease of cell proliferation and an increase of apoptosis in the hippocampus. <i>Neuroscience Letters</i> , <b>2010</b> , 470, 86-90	3.3	63
261	Treadmill running and swimming increase cell proliferation in the hippocampal dentate gyrus of rats. <i>Neuroscience Letters</i> , <b>2002</b> , 333, 123-6	3.3	63
260	Armeniacae semen extract suppresses lipopolysaccharide-induced expressions of cyclooxygenase [correction of cycloosygenase]-2 and inducible nitric oxide synthase in mouse BV2 microglial cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2005</b> , 28, 449-54	2.3	62
259	Effects of treadmill exercise on memory and c-Fos expression in the hippocampus of the rats with intracerebroventricular injection of streptozotocin. <i>Neuroscience Letters</i> , <b>2008</b> , 443, 188-92	3.3	61
258	Treadmill exercise reduces spinal cord injury-induced apoptosis by activating the PI3K/Akt pathway in rats. <i>Experimental and Therapeutic Medicine</i> , <b>2014</b> , 7, 587-593	2.1	59
257	Harpagophytum procumbens suppresses lipopolysaccharide-stimulated expressions of cyclooxygenase-2 and inducible nitric oxide synthase in fibroblast cell line L929. <i>Journal of Pharmacological Sciences</i> , <b>2003</b> , 93, 367-71	3.7	59
256	Treadmill exercise increases cell proliferation without altering of apoptosis in dentate gyrus of Sprague-Dawley rats. <i>Life Sciences</i> , <b>2002</b> , 71, 1331-40	6.8	59
255	Protective effects of kaempferol (3,4',5,7-tetrahydroxyflavone) against amyloid beta peptide (Abeta)-induced neurotoxicity in ICR mice. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2010</b> , 74, 397-401	2.1	58
254	Long-term treadmill exercise overcomes ischemia-induced apoptotic neuronal cell death in gerbils. <i>Physiology and Behavior</i> , <b>2005</b> , 84, 733-8	3.5	58
253	Physical exercise prevents cognitive impairment by enhancing hippocampal neuroplasticity and mitochondrial function in doxorubicin-induced chemobrain. <i>Neuropharmacology</i> , <b>2018</b> , 133, 451-461	5.5	57
252	Bee venom induces apoptosis through caspase-3 activation in synovial fibroblasts of patients with rheumatoid arthritis. <i>Toxicon</i> , <b>2005</b> , 46, 39-45	2.8	57

251	2,4-Di-tert-butylphenol from sweet potato protects against oxidative stress in PC12 cells and in mice. <i>Journal of Medicinal Food</i> , <b>2013</b> , 16, 977-83	2.8	54
250	Electroacupuncture attenuates mechanical and warm allodynia through suppression of spinal glial activation in a rat model of neuropathic pain. <i>Brain Research Bulletin</i> , <b>2011</b> , 86, 403-11	3.9	52
249	Antinociceptive effect of amygdalin isolated from <i>Prunus armeniaca</i> on formalin-induced pain in rats. <i>Biological and Pharmaceutical Bulletin</i> , <b>2008</b> , 31, 1559-64	2.3	52
248	Treadmill exercise alleviates short-term memory impairment in 6-hydroxydopamine-induced Parkinson's rats. <i>Journal of Exercise Rehabilitation</i> , <b>2013</b> , 9, 354-61	1.8	48
247	Treadmill exercise increases cell proliferation in dentate gyrus of rats with streptozotocin-induced diabetes. <i>Journal of Diabetes and Its Complications</i> , <b>2003</b> , 17, 29-33	3.2	47
246	Treadmill exercise suppresses ischemia-induced increment in apoptosis and cell proliferation in hippocampal dentate gyrus of gerbils. <i>Life Sciences</i> , <b>2003</b> , 73, 2455-65	6.8	47
245	Inhibitory Effects of Isoquinoline Alkaloid Berberine on Ischemia-Induced Apoptosis via Activation of Phosphoinositide 3-Kinase/Protein Kinase B Signaling Pathway. <i>International Neurology Journal</i> , <b>2014</b> , 18, 115-25	2.6	47
244	Treadmill exercise ameliorates symptoms of methimazole-induced hypothyroidism through enhancing neurogenesis and suppressing apoptosis in the hippocampus of rat pups. <i>International Journal of Developmental Neuroscience</i> , <b>2013</b> , 31, 214-23	2.7	45
243	Alcohol induces apoptosis in TM3 mouse Leydig cells via bax-dependent caspase-3 activation. <i>European Journal of Pharmacology</i> , <b>2002</b> , 449, 39-45	5.3	45
242	Modulation of high-voltage activated Ca <sup>2+</sup> channels in the rat periaqueductal gray neurons by mu-type opioid agonist. <i>Journal of Neurophysiology</i> , <b>1997</b> , 77, 1418-24	3.2	44
241	Effect of acupuncture on 6-hydroxydopamine-induced nigrostratal dopaminergic neuronal cell death in rats. <i>Neuroscience Letters</i> , <b>2005</b> , 384, 133-8	3.3	43
240	Inhibitory effects of electroacupuncture on stress responses evoked by tooth-pulp stimulation in rats. <i>Physiology and Behavior</i> , <b>1999</b> , 66, 217-22	3.5	42
239	Modulation of glycine-induced chloride current in acutely dissociated rat periaqueductal gray neurons by $\mu$ -opioid agonist, DAGO. <i>Brain Research</i> , <b>1996</b> , 734, 72-78	3.7	41
238	Meal time shift disturbs circadian rhythmicity along with metabolic and behavioral alterations in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e44053	3.7	40
237	Acupuncture suppresses ischemia-induced increase in c-Fos expression and apoptosis in the hippocampal CA1 region in gerbils. <i>Neuroscience Letters</i> , <b>2003</b> , 347, 5-8	3.3	39
236	Treadmill exercise improves behavioral outcomes and spatial learning memory through up-regulation of reelin signaling pathway in autistic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2013</b> , 9, 220-9	1.8	38
235	Protective effect of methanol extract of <i>Uncaria rhynchophylla</i> against excitotoxicity induced by N-methyl-D-aspartate in rat hippocampus. <i>Journal of Pharmacological Sciences</i> , <b>2003</b> , 92, 70-3	3.7	38
234	Treadmill exercise ameliorates short-term memory disturbance in scopolamine-induced amnesia rats. <i>International Neurology Journal</i> , <b>2014</b> , 18, 16-22	2.6	38

233	Treadmill exercise decreases intrastriatal hemorrhage-induced neuronal cell death via suppression on caspase-3 expression in rats. <i>Neuroscience Letters</i> , <b>2003</b> , 352, 33-6	3.3	37
232	Dependence of rat hippocampal c-Fos expression on intensity and duration of exercise. <i>Life Sciences</i> , <b>2003</b> , 72, 1421-36	6.8	37
231	The phosphodiesterase type-5 inhibitor, tadalafil, improves depressive symptoms, ameliorates memory impairment, as well as suppresses apoptosis and enhances cell proliferation in the hippocampus of maternal-separated rat pups. <i>Neuroscience Letters</i> , <b>2011</b> , 488, 26-30	3.3	36
230	Effect of treadmill exercise on Purkinje cell loss and astrocytic reaction in the cerebellum after traumatic brain injury. <i>Neuroscience Letters</i> , <b>2010</b> , 481, 178-82	3.3	36
229	Punica granatum protects against oxidative stress in PC12 cells and oxidative stress-induced Alzheimer's symptoms in mice. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 695-701	2.8	36
228	Anti-inflammatory and analgesic effects of the aqueous extract of corni fructus in murine RAW 264.7 macrophage cells. <i>Journal of Medicinal Food</i> , <b>2009</b> , 12, 788-95	2.8	35
227	Treadmill exercise and wheel exercise enhance expressions of neurotrophic factors in the hippocampus of lipopolysaccharide-injected rats. <i>Neuroscience Letters</i> , <b>2013</b> , 538, 54-9	3.3	34
226	Treadmill exercise ameliorates apoptotic cell death in the retinas of diabetic rats. <i>Molecular Medicine Reports</i> , <b>2013</b> , 7, 1745-50	2.9	34
225	Protective effect of aqueous extract of Ginseng radix against 1-methyl-4-phenylpyridinium-induced apoptosis in PC12 cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2003</b> , 26, 1668-73	2.3	34
224	Early treadmill exercise decreases intrastriatal hemorrhage-induced neuronal cell death and increases cell proliferation in the dentate gyrus of streptozotocin-induced hyperglycemic rats. <i>Journal of Diabetes and Its Complications</i> , <b>2005</b> , 19, 339-46	3.2	34
223	Effects of <i>Aralia continentalis</i> on hyperalgesia with peripheral inflammation. <i>Phytotherapy Research</i> , <b>2005</b> , 19, 511-3	6.7	34
222	Aerobic exercise alleviates ischemia-induced memory impairment by enhancing cell proliferation and suppressing neuronal apoptosis in hippocampus. <i>International Neuropsychology Journal</i> , <b>2014</b> , 18, 187-97 <sup>2,6</sup>		33
221	Treadmill and wheel exercise alleviate lipopolysaccharide-induced short-term memory impairment by enhancing neuronal maturation in rats. <i>Molecular Medicine Reports</i> , <b>2013</b> , 7, 31-6	2.9	33
220	Caffeine inhibits exercise-induced increase in tryptophan hydroxylase expression in dorsal and median raphe of Sprague-Dawley rats. <i>Neuroscience Letters</i> , <b>2001</b> , 308, 25-8	3.3	33
219	Circadian rhythms in urinary functions: possible roles of circadian clocks?. <i>International Neuropsychology Journal</i> , <b>2011</b> , 15, 64-73	2.6	32
218	Acupuncture increases cell proliferation and neuropeptide Y expression in dentate gyrus of streptozotocin-induced diabetic rats. <i>Neuroscience Letters</i> , <b>2002</b> , 327, 33-6	3.3	31
217	Comparison of GC/MS and LC/MS methods for the analysis of propofol and its metabolites in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 900, 1-10	3.2	30
216	Amygdalin suppresses lipopolysaccharide-induced expressions of cyclooxygenase-2 and inducible nitric oxide synthase in mouse BV2 microglial cells. <i>Neurological Research</i> , <b>2007</b> , 29 Suppl 1, S59-64	2.7	30

215	Alkaloid fraction of <i>Uncaria rhynchophylla</i> protects against N-methyl-D-aspartate-induced apoptosis in rat hippocampal slices. <i>Neuroscience Letters</i> , <b>2003</b> , 348, 51-5	3.3	30
214	Treadmill exercise ameliorates Alzheimer disease-associated memory loss through the Wnt signaling pathway in the streptozotocin-induced diabetic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2016</b> , 12, 276-83	1.8	30
213	Protective effect of <i>Rosa laevigata</i> against amyloid beta peptide-induced oxidative stress. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , <b>2006</b> , 13, 6-12	2.7	28
212	Modulation of glucocorticoid receptor induction properties by core circadian clock proteins. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 383, 170-80	4.4	27
211	Treadmill exercise during pregnancy ameliorates post-traumatic stress disorder-induced anxiety-like responses in maternal rats. <i>Molecular Medicine Reports</i> , <b>2013</b> , 7, 389-95	2.9	27
210	Nicotine administration decreases nitric oxide synthase expression in the hypothalamus of food-deprived rats. <i>Neuroscience Letters</i> , <b>2002</b> , 322, 29-32	3.3	27
209	Exercise Alleviates Cognitive Functions by Enhancing Hippocampal Insulin Signaling and Neuroplasticity in High-Fat Diet-Induced Obesity. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	26
208	Application of concentrated deep sea water inhibits the development of atopic dermatitis-like skin lesions in NC/Nga mice. <i>BMC Complementary and Alternative Medicine</i> , <b>2012</b> , 12, 108	4.7	26
207	Protective effect of gabapentin on N-methyl-D-aspartate-induced excitotoxicity in rat hippocampal CA1 neurons. <i>Journal of Pharmacological Sciences</i> , <b>2009</b> , 109, 144-7	3.7	26
206	Nicotine induces apoptosis in TM3 mouse Leydig cells. <i>Fertility and Sterility</i> , <b>2005</b> , 83 Suppl 1, 1093-9	4.8	26
205	Hypothermia inhibits cell proliferation and nitric oxide synthase expression in rats. <i>Neuroscience Letters</i> , <b>2002</b> , 329, 53-6	3.3	26
204	Ulinastatin inhibits cerebral ischemia-induced apoptosis in the hippocampus of gerbils. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 1796-802	2.9	25
203	Treadmill exercise ameliorates motor disturbance through inhibition of apoptosis in the cerebellum of valproic acid-induced autistic rat pups. <i>Molecular Medicine Reports</i> , <b>2013</b> , 8, 327-34	2.9	25
202	Amiodarone induces apoptosis in L-132 human lung epithelial cell line. <i>Toxicology Letters</i> , <b>2002</b> , 132, 47-55	4.4	25
201	Late starting treadmill exercise improves spatial leaning ability through suppressing CREP/BDNF/TrkB signaling pathway following traumatic brain injury in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2018</b> , 14, 327-334	1.8	25
200	Effects of Tamsulosin on Urinary Bladder Function and Neuronal Activity in the Voiding Centers of Rats with Cyclophosphamide-induced Overactive Bladder. <i>International Neurourology Journal</i> , <b>2012</b> , 16, 13-22	2.6	25
199	Effects of acupuncture on the 5-hydroxytryptamine synthesis and tryptophan hydroxylase expression in the dorsal raphe of exercised rats. <i>Neuroscience Letters</i> , <b>2002</b> , 332, 17-20	3.3	24
198	Aerobic exercise affects myostatin expression in aged rat skeletal muscles: a possibility of antiaging effects of aerobic exercise related with pelvic floor muscle and urethral rhabdosphincter. <i>International Neurourology Journal</i> , <b>2014</b> , 18, 77-85	2.6	24

197	The ameliorative effects of exercise on cognitive impairment and white matter injury from blood-brain barrier disruption induced by chronic cerebral hypoperfusion in adolescent rats. <i>Neuroscience Letters</i> , <b>2017</b> , 638, 83-89	3.3	23
196	Swimming exercise alleviates the symptoms of attention-deficit hyperactivity disorder in spontaneous hypertensive rats. <i>Molecular Medicine Reports</i> , <b>2013</b> , 8, 393-400	2.9	23
195	Nitric oxide induces apoptosis in mouse C2C12 myoblast cells. <i>Journal of Pharmacological Sciences</i> , <b>2005</b> , 97, 369-76	3.7	23
194	Impact of Several Types of Stresses on Short-term Memory and Apoptosis in the Hippocampus of Rats. <i>International Neurology Journal</i> , <b>2013</b> , 17, 114-20	2.6	22
193	Effect of postnatal treadmill exercise on c-Fos expression in the hippocampus of rat pups born from the alcohol-intoxicated mothers. <i>Brain and Development</i> , <b>2008</b> , 30, 118-25	2.2	22
192	Atractylodes japonica suppresses lipopolysaccharide-stimulated expressions of inducible nitric oxide synthase and cyclooxygenase-2 in RAW 264.7 macrophages. <i>Biological and Pharmaceutical Bulletin</i> , <b>2004</b> , 27, 324-7	2.3	22
191	Acute alcohol intoxication decreases cell proliferation and nitric oxide synthase expression in dentate gyrus of rats. <i>Toxicology Letters</i> , <b>2002</b> , 133, 255-62	4.4	22
190	Treadmill exercise ameliorates memory impairment through ERK-Akt-CREB-BDNF signaling pathway in cerebral ischemia gerbils. <i>Journal of Exercise Rehabilitation</i> , <b>2020</b> , 16, 49-57	1.8	22
189	Red ginseng inhibits exercise-induced increase in 5-hydroxytryptamine synthesis and tryptophan hydroxylase expression in dorsal raphe of rats. <i>Journal of Pharmacological Sciences</i> , <b>2003</b> , 93, 218-21	3.7	21
188	Effects of methoxsalen from Poncirus trifoliata on acetylcholinesterase and trimethyltin-induced learning and memory impairment. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2011</b> , 75, 1984-9	2.1	20
187	Nicotine administration decreases neuropeptide Y expression and increases leptin receptor expression in the hypothalamus of food-deprived rats. <i>Brain Research</i> , <b>2003</b> , 964, 311-5	3.7	20
186	Liuweidihuang-tang improves spatial memory function and increases neurogenesis in the dentate gyrus in rats. <i>Phytotherapy</i> , <b>2005</b> , 76, 514-9	3.2	20
185	Protective effect of Hypericum perforatum Linn (St. John's wort) against hydrogen peroxide-induced apoptosis on human neuroblastoma cells. <i>Neuroscience Letters</i> , <b>2002</b> , 329, 177-80	3.3	20
184	Treadmill exercise improves memory by up-regulating dopamine and down-regulating D dopamine receptor in traumatic brain injury rats. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 504-511	1.8	20
183	Polydeoxyribonucleotide Ameliorates Lipopolysaccharide-Induced Lung Injury by Inhibiting Apoptotic Cell Death in Rats. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	19
182	Treadmill exercise alleviates chronic mild stress-induced depression in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2015</b> , 11, 303-10	1.8	19
181	Adenosine A2A-receptor agonist polydeoxyribonucleotide promotes gastric ulcer healing in Mongolian gerbils. <i>Animal Cells and Systems</i> , <b>2014</b> , 18, 399-406	2.3	19
180	Alcohol and nicotine administration inhibits serotonin synthesis and tryptophan hydroxylase expression in dorsal and median raphe of young rats. <i>Neuroscience Letters</i> , <b>2002</b> , 329, 141-4	3.3	19

179	Treadmill exercise improves short-term memory by enhancing hippocampal cell proliferation in quinolinic acid-induced Huntington's disease rats. <i>Journal of Exercise Rehabilitation</i> , <b>2015</b> , 11, 5-11	1.8	19
178	Combined exercise ameliorates ovariectomy-induced cognitive impairment by enhancing cell proliferation and suppressing apoptosis. <i>Menopause</i> , <b>2016</b> , 23, 18-26	2.5	19
177	Characterization of Nutritional Composition, Antioxidative Capacity, and Sensory Attributes of Seomae Mugwort, a Native Korean Variety of <i>Artemisia argyi</i> H. L. & Vaniot. <i>Journal of Analytical Methods in Chemistry</i> , <b>2015</b> , 2015, 916346	2	18
176	Voluntary wheel running ameliorates symptoms of MK-801-induced schizophrenia in mice. <i>Molecular Medicine Reports</i> , <b>2014</b> , 10, 2924-30	2.9	18
175	Alcohol exposure induces depression-like behavior by decreasing hippocampal neuronal proliferation through inhibition of the BDNF-ERK pathway in gerbils. <i>Animal Cells and Systems</i> , <b>2012</b> , 16, 190-197	2.3	18
174	Ulinastatin suppresses lipopolysaccharide-induced prostaglandin E2 synthesis and nitric oxide production through the downregulation of nuclear factor- $\kappa$ B in BV2 mouse microglial cells. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 31, 1030-6	4.4	18
173	Treadmill exercise improves memory function by inhibiting hippocampal apoptosis in pilocarpine-induced epileptic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2018</b> , 14, 713-723	1.8	18
172	Effects of aging and exercise training on mitochondrial function and apoptosis in the rat heart. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2020</b> , 472, 179-193	4.6	17
171	Polydeoxyribonucleotide ameliorates lipopolysaccharide-induced acute lung injury via modulation of the MAPK/NF- $\kappa$ B signaling pathway in rats. <i>International Immunopharmacology</i> , <b>2020</b> , 83, 106444	5.8	17
170	Combination therapy with polydeoxyribonucleotide and proton pump inhibitor enhances therapeutic effectiveness for gastric ulcer in rats. <i>Life Sciences</i> , <b>2018</b> , 203, 12-19	6.8	17
169	Swimming exercise during pregnancy alleviates pregnancy-associated long-term memory impairment. <i>Physiology and Behavior</i> , <b>2012</b> , 107, 82-6	3.5	17
168	Effects of <i>Phellinus linteus</i> administration on serotonin synthesis in the brain and expression of monocarboxylate transporters in the muscle during exhaustive exercise in rats. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2011</b> , 57, 95-103	1.1	17
167	Acupuncture decreases ischemia-induced apoptosis and cell proliferation in dentate gyrus of gerbils. <i>Neurological Research</i> , <b>2007</b> , 29 Suppl 1, S23-7	2.7	17
166	Protective effects of puerariaeflos against ethanol-induced apoptosis on human neuroblastoma cell line SK-N-MC. <i>The Japanese Journal of Pharmacology</i> , <b>2001</b> , 87, 338-42		17
165	Exposure to music and noise during pregnancy influences neurogenesis and thickness in motor and somatosensory cortex of rat pups. <i>International Neuropsychology Journal</i> , <b>2013</b> , 17, 107-13	2.6	16
164	Effects of acupuncture on abdominal leak point pressure and c-Fos expression in the brain of rats with stress urinary incontinence. <i>Neuroscience Letters</i> , <b>2008</b> , 439, 18-23	3.3	16
163	Acupuncture decreases nitric oxide synthase expression in periaqueductal gray area of rats with streptozotocin-induced diabetes. <i>Neuroscience Letters</i> , <b>2003</b> , 337, 155-8	3.3	16
162	Acupuncture suppresses intrastriatal hemorrhage-induced apoptotic neuronal cell death in rats. <i>Neuroscience Letters</i> , <b>2004</b> , 362, 141-5	3.3	16



161	Administration of Folium mori extract decreases nitric oxide synthase expression in the hypothalamus of streptozotocin-induced diabetic rats. <i>The Japanese Journal of Pharmacology</i> , <b>2002</b> , 90, 189-92		16
160	Treadmill exercise enhances spatial learning ability through suppressing hippocampal apoptosis in Huntington's disease rats. <i>Journal of Exercise Rehabilitation</i> , <b>2015</b> , 11, 133-9	1.8	16
159	Betaine inhibits vascularization via suppression of Akt in the retinas of streptozotocin-induced hyperglycemic rats. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 1639-44	2.9	15
158	Effects of Platycodon grandiflorum on lipopolysaccharide-stimulated production of prostaglandin E2, nitric oxide, and interleukin-8 in mouse microglial BV2 cells. <i>Journal of Medicinal Food</i> , <b>2006</b> , 9, 169-74	2.8	15
157	Daidzein activates choline acetyltransferase from MC-IXC cells and improves drug-induced amnesia. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2006</b> , 70, 107-11	2.1	15
156	Low dose radiation overcomes diabetes-induced suppression of hippocampal neuronal cell proliferation in rats. <i>Journal of Korean Medical Science</i> , <b>2006</b> , 21, 500-5	4.7	15
155	Folium mori increases cell proliferation and neuropeptide Y expression in dentate gyrus of streptozotocin-induced diabetic rats. <i>Biological and Pharmaceutical Bulletin</i> , <b>2003</b> , 26, 434-7	2.3	15
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153	Dexmedetomidine Ameliorates Sleep Deprivation-Induced Depressive Behaviors in Mice. <i>International Neuropsychology Journal</i> , <b>2018</b> , 22, S139-146	2.6	15
152	Exercise Training Attenuates Obesity-Induced Skeletal Muscle Remodeling and Mitochondria-Mediated Apoptosis in the Skeletal Muscle. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	15
151	Ipomoea batatas attenuates amyloid $\beta$ -peptide-induced neurotoxicity in ICR mice. <i>Journal of Medicinal Food</i> , <b>2011</b> , 14, 304-9	2.8	14
150	Effect of ginseng radix on c-Fos expression in the hippocampus of streptozotocin-induced diabetic rats. <i>Journal of Pharmacological Sciences</i> , <b>2003</b> , 91, 149-52	3.7	14
149	Treadmill exercise suppresses diabetes-induced increment of neuropeptide Y expression in the hypothalamus of rats. <i>Neuroscience Letters</i> , <b>2003</b> , 346, 157-60	3.3	14
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147	Treadmill exercise improves motor coordination through ameliorating Purkinje cell loss in amyloid beta23-35-induced Alzheimer's disease rats. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 258-64	1.8	14
146	Treadmill exercise ameliorates nicotine withdrawal-induced symptoms. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 383-391	1.8	14
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144	Dexmedetomidine alleviates cerebral ischemia-induced short-term memory impairment by inhibiting the expression of apoptosis-related molecules in the hippocampus of gerbils. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 13, 107-116	2.1	13

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141	Caffeine enhances micturition through neuronal activation in micturition centers. <i>Molecular Medicine Reports</i> , <b>2014</b> , 10, 2931-6	2.9	13
140	Treadmill Exercise Alleviates Aging-induced Apoptosis in Rat Cardiac Myocytes. <i>International Journal of Gerontology</i> , <b>2013</b> , 7, 152-157		13
139	A selective T-type Ca <sup>2+</sup> channel blocker R(-) efonidipine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2008</b> , 377, 411-21	3.4	13
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135	Auricular acupuncture decreases neuropeptide Y expression in the hypothalamus of food-deprived Sprague-Dawley rats. <i>Neuroscience Letters</i> , <b>2001</b> , 307, 113-6	3.3	13
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128	Naloxone potentiates treadmill running-induced increase in c-Fos expression in rat hippocampus. <i>Life Sciences</i> , <b>2003</b> , 73, 3139-47	6.8	12
127	Treadmill exercise alleviates stress-induced impairment of social interaction through 5-hydroxytryptamine 1A receptor activation in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2015</b> , 11, 192-7	1.8	12
126	Aqueous extract of Cordyceps alleviates cerebral ischemia-induced short-term memory impairment in gerbils. <i>Journal of Exercise Rehabilitation</i> , <b>2016</b> , 12, 69-78	1.8	12

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124	Long-term Surgical and Chemical Castration Deteriorates Memory Function Through Downregulation of PKA/CREB/BDNF and c-Raf/MEK/ERK Pathways in Hippocampus. <i>International Neurourology Journal</i> , <b>2019</b> , 23, 116-124	2.6	12
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122	Influence of maternal alcohol administration on c-Fos expression in the hippocampus of infant rats. <i>Neuroscience Letters</i> , <b>2005</b> , 378, 44-8	3.3	11
121	Physical exercise ameliorates psychiatric disorders and cognitive dysfunctions by hippocampal mitochondrial function and neuroplasticity in post-traumatic stress disorder. <i>Experimental Neurology</i> , <b>2019</b> , 322, 113043	5.7	10
120	Effect of fermented porcine placenta on physical fatigue in mice. <i>Experimental Biology and Medicine</i> , <b>2016</b> , 241, 1985-1996	3.7	10
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115	Influence of mild traumatic brain injury during pediatric stage on short-term memory and hippocampal apoptosis in adult rats. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 148-54	1.8	10
114	Dexmedetomidine Oral Mucosa Patch for Sedation Suppresses Apoptosis in Hippocampus of Normal Rats. <i>International Neurourology Journal</i> , <b>2017</b> , 21, S39-47	2.6	10
113	Polydeoxyribonucleotide Exerts Protective Effect Against CCl <sub>4</sub> -Induced Acute Liver Injury Through Inactivation of NF- $\kappa$ B/MAPK Signaling Pathway in Mice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
112	Polydeoxyribonucleotide Exerts Therapeutic Effect by Increasing VEGF and Inhibiting Inflammatory Cytokines in Ischemic Colitis Rats. <i>BioMed Research International</i> , <b>2020</b> , 2020, 2169083	3	9
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103	Remifentanyl alleviates transient cerebral ischemia-induced memory impairment through suppression of apoptotic neuronal cell death in gerbils. <i>Korean Journal of Anesthesiology</i> , <b>2011</b> , 61, 63-8	3.8	9
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