

# Mal-Soon Shin

## List of Publications by Citations

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122  
papers

3,297  
citations

34  
h-index

52  
g-index

125  
ext. papers

3,647  
ext. citations

2.9  
avg, IF

4.83  
L-index

#	Paper	IF	Citations
122	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
121	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
120	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
119	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
118	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
117	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
116	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
115	Treadmill exercise inhibits traumatic brain injury-induced hippocampal apoptosis. <i>Physiology and Behavior</i> , <b>2010</b> , 101, 660-5	3.5	89
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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

105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	Treadmill exercise facilitates synaptic plasticity on dopaminergic neurons and fibers in the mouse model with Parkinson's disease. <i>Neuroscience Letters</i> , <b>2016</b> , 621, 28-33	3.3	38
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	Aerobic exercise alleviates ischemia-induced memory impairment by enhancing cell proliferation and suppressing neuronal apoptosis in hippocampus. <i>International Neurology Journal</i> , <b>2014</b> , 18, 187-97	2.6	33

87	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
86	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
85	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
84	Hypothermia inhibits cell proliferation and nitric oxide synthase expression in rats. <i>Neuroscience Letters</i> , <b>2002</b> , 329, 53-6	3.3	26
83	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
82	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
81	Treadmill exercise ameliorates disturbance of spatial learning ability in scopolamine-induced amnesia rats. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 155-61	1.8	25
80	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
79	Treadmill Exercise Improves Motor Function by Suppressing Purkinje Cell Loss in Parkinson Disease Rats. <i>International Neurourology Journal</i> , <b>2018</b> , 22, S147-155	2.6	24
78	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
77	Treadmill exercise improves depression-like symptoms by enhancing serotonergic function through upregulation of 5-HT expression in the olfactory bulbectomized rats. <i>Journal of Exercise Rehabilitation</i> , <b>2017</b> , 13, 36-42	1.8	23
76	Neuroprotective Effects of Bone Marrow Stromal Cell Transplantation in Combination With Treadmill Exercise Following Traumatic Brain Injury. <i>International Neurourology Journal</i> , <b>2016</b> , 20, S49-56 <sup>2.6</sup>	2.6	23
75	Impact of Several Types of Stresses on Short-term Memory and Apoptosis in the Hippocampus of Rats. <i>International Neurourology Journal</i> , <b>2013</b> , 17, 114-20	2.6	22
74	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
73	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
72	Effects of Massage on Muscular Strength and Proprioception After Exercise-Induced Muscle Damage. <i>Journal of Strength and Conditioning Research</i> , <b>2015</b> , 29, 2255-60	3.2	20
71	Treadmill exercise alleviates nigrostriatal dopaminergic loss of neurons and fibers in rotenone-induced Parkinson rats. <i>Journal of Exercise Rehabilitation</i> , <b>2017</b> , 13, 30-35	1.8	20
70	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

69	Treadmill exercise prevents GABAergic neuronal loss with suppression of neuronal activation in the pilocarpine-induced epileptic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2015</b> , 11, 80-6	1.8	19
68	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
67	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
66	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
65	Swimming exercise ameliorates multiple sclerosis-induced impairment of short-term memory by suppressing apoptosis in the hippocampus of rats. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 69-74	1.8	17
64	Exposure to music and noise during pregnancy influences neurogenesis and thickness in motor and somatosensory cortex of rat pups. <i>International Neurology Journal</i> , <b>2013</b> , 17, 107-13	2.6	16
63	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
62	Acupuncture suppresses intrastriatal hemorrhage-induced apoptotic neuronal cell death in rats. <i>Neuroscience Letters</i> , <b>2004</b> , 362, 141-5	3.3	16
61	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
60	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
59	Treadmill exercise alleviates prenatal noise stress-induced impairment of spatial learning ability through enhancing hippocampal neurogenesis in rat pups. <i>Journal of Exercise Rehabilitation</i> , <b>2013</b> , 9, 451-6	1.8	15
58	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
57	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
56	Treadmill exercise ameliorates nicotine withdrawal-induced symptoms. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 383-391	1.8	14
55	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
54	Caffeine enhances micturition through neuronal activation in micturition centers. <i>Molecular Medicine Reports</i> , <b>2014</b> , 10, 2931-6	2.9	13
53	Maternal ethanol administration inhibits 5-hydroxytryptamine synthesis and tryptophan hydroxylase expression in the dorsal raphe of rat offspring. <i>Brain and Development</i> , <b>2005</b> , 27, 472-6	2.2	13
52	The impact of duration of one bout treadmill exercise on cell proliferation and central fatigue in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2013</b> , 9, 463-9	1.8	13

51	Berberine Ameliorates Brain Inflammation in Poloxamer 407-Induced Hyperlipidemic Rats. <i>International Neurology Journal</i> , <b>2019</b> , 23, S102-110	2.6	13
50	Administration of Ginseng radix decreases nitric oxide synthase expression in the hippocampus of streptozotocin-induced diabetic rats. <i>The American Journal of Chinese Medicine</i> , <b>2004</b> , 32, 497-507	6	12
49	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
48	Treadmill exercise alleviates depressive symptoms in rotenone-induced Parkinson disease rats. <i>Journal of Exercise Rehabilitation</i> , <b>2017</b> , 13, 124-129	1.8	12
47	Diosgenin improves functional recovery from sciatic crushed nerve injury in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2018</b> , 14, 566-572	1.8	12
46	Treadmill exercise ameliorates social isolation-induced memory impairment by enhancing silent information regulator-1 expression in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2020</b> , 16, 227-233	1.8	12
45	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 Neurology Journal</i> , <b>2019</b> , 23, 116-124	2.6	12
44	Treadmill Exercise Improves Motor Function and Short-term Memory by Enhancing Synaptic Plasticity and Neurogenesis in Photothrombotic Stroke Mice. <i>International Neurology Journal</i> , <b>2020</b> , 24, S28-38	2.6	12
43	Effects of surgical and chemical castration on spatial learning ability in relation to cell proliferation and apoptosis in hippocampus. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 517-27	2.3	10
42	Rocuronium Bromide Inhibits Inflammation and Pain by Suppressing Nitric Oxide Production and Enhancing Prostaglandin E Synthesis in Endothelial Cells. <i>International Neurology Journal</i> , <b>2016</b> , 20, 296-303	2.6	10
41	Effect of Acanthopanax senticosus on 5-hydroxytryptamine synthesis and tryptophan hydroxylase expression in the dorsal raphe of exercised rats. <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 114, 38-43	5	9
40	Treadmill exercise ameliorates impairment of spatial learning ability through enhancing dopamine expression in hypoxic ischemia brain injury in neonatal rats. <i>Journal of Exercise Rehabilitation</i> , <b>2013</b> , 9, 406-12	1.8	9
39	Postnatal treadmill exercise alleviates short-term memory impairment by enhancing cell proliferation and suppressing apoptosis in the hippocampus of rat pups born to diabetic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 209-17	1.8	9
38	Preischemic treadmill exercise improves short-term memory by inhibiting hypoperfusion-induced disruption of blood-brain barrier after bilateral common carotid arteries occlusion. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 370-376	1.8	9
37	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
36	Aqueous extract of Anemarrhena rhizome increases cell proliferation and neuropeptide Y expression in the hippocampal dentate gyrus on streptozotocin-induced diabetic rats. <i>Floterap</i> <b>2008</b> , 79, 323-7	3.2	8
35	Effects of endurance exercise on expressions of glial fibrillary acidic protein and myelin basic protein in developing rats with maternal infection-induced cerebral palsy. <i>Journal of Exercise Rehabilitation</i> , <b>2014</b> , 10, 9-14	1.8	8
34	Adaptive responses induced by low dose radiation in dentate gyrus of rats. <i>Journal of Korean Medical Science</i> , <b>2006</b> , 21, 1103-7	4.7	7



33	Modulation of Corydalis tuber on glycine-induced ion current in acutely dissociated rat periaqueductal gray neurons. <i>Biological and Pharmaceutical Bulletin</i> , <b>2004</b> , 27, 1207-11	2.3	7
32	Treadmill exercise ameliorates motor dysfunction through inhibition of Purkinje cell loss in cerebellum of valproic acid-induced autistic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2016</b> , 12, 293-8	1.8	7
31	The effects of low-pressure hyperbaric oxygen treatment before and after maximal exercise on lactate concentration, heart rate recovery, and antioxidant capacity. <i>Journal of Exercise Rehabilitation</i> , <b>2018</b> , 14, 980-984	1.8	7
30	Swimming: effects on stress urinary incontinence and the expression of nerve growth factor in rats following transabdominal urethrololysis. <i>International Neurourology Journal</i> , <b>2011</b> , 15, 74-81	2.6	7
29	Alpha1-Adrenoceptor Antagonists Improve Memory by Activating N-methyl-D-Aspartate-Induced Ion Currents in the Rat Hippocampus. <i>International Neurourology Journal</i> , <b>2015</b> , 19, 228-36	2.6	7
28	Transplantation of human adipose-derived stem cells into the urethra ameliorates stress urinary incontinence and blunts the induction of c-Fos immunoreactivities in brain areas related to micturition in female rats. <i>Animal Cells and Systems</i> , <b>2010</b> , 14, 237-244	2.3	6
27	Wnt signaling pathway is implicated in the alleviating effect of treadmill exercise on maternal separation-induced depression. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 200-205	1.8	6
26	Aqueous extract of ma huang suppresses neuropeptide Y expression in food-deprived rat hypothalamus. <i>The American Journal of Chinese Medicine</i> , <b>2004</b> , 32, 659-67	6	5
25	Influence of prenatal noise and music on the 5-hydroxytryptamine synthesis and the tryptophan hydroxylase expression in the raphe nuclei of young rats. <i>Neuroscience Research Communications</i> , <b>2004</b> , 35, 118-129		5
24	Vardenafil Enhances Oxytocin Expression in the Paraventricular Nucleus without Sexual Stimulation. <i>International Neurourology Journal</i> , <b>2010</b> , 14, 213-9	2.6	5
23	Treadmill exercise enhances nitric oxide synthase expression in the hippocampus of food-deprived rats. <i>Nutrition Research</i> , <b>2005</b> , 25, 771-779	4	4
22	Acupuncture increases nitric oxide synthase expression in hippocampus of streptozotocin-induced diabetic rats. <i>The American Journal of Chinese Medicine</i> , <b>2003</b> , 31, 305-13	6	4
21	Neuroprotective effects of bovine colostrum on intracerebral hemorrhage-induced apoptotic neuronal cell death in rats. <i>Neural Regeneration Research</i> , <b>2012</b> , 7, 1715-21	4.5	4
20	The influence of age on the treadmill exercise-induced c-Fos expression in the hippocampus of rats. <i>Neuroscience Research Communications</i> , <b>2004</b> , 35, 41-50		3
19	Effects of sildenafil citrate on peripheral fatigue and exercise performance after exhaustive swimming exercise in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 751-756	1.8	3
18	Effects of exercise on sexual function and central mechanism in the streptozotocin-induced diabetic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2018</b> , 14, 10-15	1.8	3
17	Global metabolomics analysis of serum from humans at risk of thrombotic stroke. <i>Analyst, The</i> , <b>2020</b> , 145, 1695-1705	5	3
16	Neuroprotective Effect of Fucoidan against N-methyl-D-aspartate-Induced Excitotoxicity in Rat Hippocampus. <i>Experimental Neurobiology</i> , <b>2009</b> , 18, 123	4	2

15	Hypothermia alleviates hypoxic ischemia-induced dopamine dysfunction and memory impairment in rats. <i>Animal Cells and Systems</i> , <b>2011</b> , 15, 279-286	2.3	2
14	Effects of Armeniaca Semen and Amygdalin on the Lipopolysaccharide-induced Prostaglandin E2 Synthesis and Nitric Oxide Production in Mouse BV2 Microglial Cells. <i>Experimental Neurobiology</i> , <b>2008</b> , 17, 71	4	2
13	Preventive Effect of Pentoxifylline on Cyclosporine A-Induced Collagen Synthesis in Calf Pulmonary Artery Endothelial Cells. <i>[Chapchi] Journal Taehan Oekwa Hakhoe</i> , <b>2009</b> , 76, 135		2
12	Treadmill exercise modulates nitric oxide synthase expression in the hypothalamus of streptozotocin-induced diabetic rats. <i>Nutrition Research</i> , <b>2004</b> , 24, 95-105	4	2
11	Treadmill Exercise Ameliorates Short-term Memory Impairment by Suppressing Hippocampal Neuroinflammation in Poloxamer-407-Induced Hyperlipidemia Rats. <i>International Neurology Journal</i> , <b>2021</b> , 25, S81-89	2.6	2
10	Effect of sildenafil citrate on brain central fatigue after exhaustive swimming exercise in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 651-656	1.8	2
9	Vardenafil increases cell proliferation in the dentate gyrus through enhancement of serotonin expression in the rat dorsal raphe. <i>Journal of Korean Medical Science</i> , <b>2009</b> , 24, 1099-104	4.7	1
8	Treadmill exercise suppresses NPY expression in the hypothalamus of food-deprived rats. <i>Neuroscience Research Communications</i> , <b>2004</b> , 34, 63-71		1
7	7-Nitroindazole reduces ischemia-induced increment of apoptosis and cell proliferation in the dentate gyrus of rats. <i>Neuroscience Research Communications</i> , <b>2004</b> , 35, 164-172		1
6	The effect of cardiac rehabilitation at 4 weeks postoperatively on quality of life in patients treated with totally thoracoscopic ablation. <i>Journal of Exercise Rehabilitation</i> , <b>2019</b> , 15, 610-615	1.8	1
5	Effects of Herbal Bath "HAC" on Functional Recovery and c-Fos Expression in the Ventrolateral Periaqueductal Gray Region after Sciatic Crushed Nerve Injury in Rats. <i>Experimental Neurobiology</i> , <b>2009</b> , 18, 129	4	
4	Modulation of Amygdalin on Glycine- and Glutamate-induced Ion Currents in Rat Periaqueductal Gray Neurons. <i>Experimental Neurobiology</i> , <b>2008</b> , 17, 87	4	
3	Treadmill exercise suppresses food-deprivation-induced increase of nitric oxide synthase expression in rat paraventricular nucleus. <i>Neuroscience Letters</i> , <b>2003</b> , 353, 41-41	3.3	
2	Effects of postnatal exercise on apoptotic neuronal cell death and cell proliferation in the maternal-separated rat pups. <i>FASEB Journal</i> , <b>2007</b> , 21, A577	0.9	
1	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> , 60, 63	3.8	