

In Hye Kim

List of Publications by Year in descending order

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papers

879
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516710
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#	ARTICLE	IF	CITATIONS
1	Sac-1004, a vascular leakage blocker, reduces cerebral ischemiaâ€”reperfusion injury by suppressing bloodâ€”brain barrier disruption and inflammation. <i>Journal of Neuroinflammation</i> , 2017, 14, 122.	7.2	72
2	Neuroprotection of ischemic preconditioning is mediated by thioredoxin 2 in the hippocampal CA1 region following a subsequent transient cerebral ischemia. <i>Brain Pathology</i> , 2017, 27, 276-291.	4.1	47
3	New GABAergic Neurogenesis in the Hippocampal CA1 Region of a Gerbil Model of Longâ€”Term Survival after Transient Cerebral Ischemic Injury. <i>Brain Pathology</i> , 2016, 26, 581-592.	4.1	40
4	Ischemic preconditioning protects hippocampal pyramidal neurons from transient ischemic injury via the attenuation of oxidative damage through upregulating heme oxygenase-1. <i>Free Radical Biology and Medicine</i> , 2015, 79, 78-90.	2.9	39
5	Pretreated quercetin protects gerbil hippocampal CA1 pyramidal neurons from transient cerebral ischemic injury by increasing the expression of antioxidant enzymes. <i>Neural Regeneration Research</i> , 2017, 12, 220.	3.0	39
6	Roles of HIF-1 α , VEGF, and NF- κ B in Ischemic Preconditioning-Mediated Neuroprotection of Hippocampal CA1 Pyramidal Neurons Against a Subsequent Transient Cerebral Ischemia. <i>Molecular Neurobiology</i> , 2017, 54, 6984-6998.	4.0	32
7	Ischemic preconditioning-induced neuroprotection against transient cerebral ischemic damage via attenuating ubiquitin aggregation. <i>Journal of the Neurological Sciences</i> , 2014, 336, 74-82.	0.6	26
8	Neuroprotection and reduced gliosis by atomoxetine pretreatment in a gerbil model of transient cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2015, 359, 373-380.	0.6	25
9	Neuroprotection of a Novel Synthetic Caffeic Acid-Syringic Acid Hybrid Compound against Experimentally Induced Transient Cerebral Ischemic Damage. <i>Planta Medica</i> , 2013, 79, 313-321.	1.3	23
10	Long-term observation of neuronal degeneration and microgliosis in the gerbil dentate gyrus after transient cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2016, 363, 21-26.	0.6	23
11	Novel antiepileptic drug lacosamide exerts neuroprotective effects by decreasing glial activation in the hippocampus of a gerbil model of ischemic stroke. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 2007-2014.	1.8	22
12	Melatonin Improves Cognitive Deficits via Restoration of Cholinergic Dysfunction in a Mouse Model of Scopolamine-Induced Amnesia. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2016-2024.	3.5	22
13	Neuroprotection and reduced gliosis by pre- and post-treatments of hydroquinone in a gerbil model of transient cerebral ischemia. <i>Chemico-Biological Interactions</i> , 2017, 278, 230-238.	4.0	19
14	Immunoreactivities of calbindin-D28k, calretinin and parvalbumin in the somatosensory cortex of rodents during normal aging. <i>Molecular Medicine Reports</i> , 2017, 16, 7191-7198.	2.4	18
15	Effects of chronic scopolamine treatment on cognitive impairment and neurofilament expression in the mouse hippocampus. <i>Molecular Medicine Reports</i> , 2017, 17, 1625-1632.	2.4	18
16	Pretreated <i>Glehnia littoralis</i> Extract Prevents Neuronal Death Following Transient Global Cerebral Ischemia through Increases of Superoxide Dismutase 1 and Brain-derived Neurotrophic Factor Expressions in the Gerbil Hippocampal Cornu Ammonis 1 Area. <i>Chinese Medical Journal</i> , 2017, 130, 1796-1803.	2.3	18
17	Neuroprotection of Ischemic Preconditioning is Mediated by Anti-inflammatory, Not Pro-inflammatory, Cytokines in the Gerbil Hippocampus Induced by a Subsequent Lethal Transient Cerebral Ischemia. <i>Neurochemical Research</i> , 2015, 40, 1984-1995.	3.3	17
18	Tanshinone I Enhances Neurogenesis in the Mouse Hippocampal Dentate Gyrus via Increasing Wnt-3, Phosphorylated Glycogen Synthase Kinase-3 β and β -Catenin Immunoreactivities. <i>Neurochemical Research</i> , 2016, 41, 1958-1968.	3.3	17

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19	Long-term administration of scopolamine interferes with nerve cell proliferation, differentiation and migration in adult mouse hippocampal dentate gyrus, but it does not induce cell death. <i>Neural Regeneration Research</i> , 2014, 9, 1731.	3.0	17
20	Neuroprotection of <i>Chrysanthemum indicum</i> Linne against cerebral ischemia/reperfusion injury by anti-inflammatory effect in gerbils. <i>Neural Regeneration Research</i> , 2016, 11, 270.	3.0	17
21	Increases of Catalase and Glutathione Peroxidase Expressions by Lacosamide Pretreatment Contributes to Neuroprotection Against Experimentally Induced Transient Cerebral Ischemia. <i>Neurochemical Research</i> , 2016, 41, 2380-2390.	3.3	16
22	Effects of Chronic Scopolamine Treatment on Cognitive Impairments and Myelin Basic Protein Expression in the Mouse Hippocampus. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 579-589.	2.3	16
23	Rufinamide pretreatment attenuates ischemia-reperfusion injury in the gerbil hippocampus. <i>Neurological Research</i> , 2017, 39, 941-952.	1.3	16
24	Hydroquinone Strongly Alleviates Focal Ischemic Brain Injury via Blockage of Blood-Brain Barrier Disruption in Rats. <i>Toxicological Sciences</i> , 2016, 154, 430-441.	3.1	15
25	Comparison of neuroprotective effects of extract and fractions from <i>Agarum clathratum</i> against experimentally induced transient cerebral ischemic damage. <i>Pharmaceutical Biology</i> , 2014, 52, 335-343.	2.9	14
26	Transient Cerebral Ischemia Alters GSK-3 β and p-GSK-3 β Immunoreactivity in Pyramidal Neurons and Induces p-GSK-3 β Expression in Astrocytes in the Gerbil Hippocampal CA1 Area. <i>Neurochemical Research</i> , 2017, 42, 2305-2313.	3.3	14
27	Ischemic preconditioning protects neurons from damage and maintains the immunoreactivity of kynurenic acid in the gerbil hippocampal CA1 region following transient cerebral ischemia. <i>International Journal of Molecular Medicine</i> , 2015, 35, 1537-1544.	4.0	13
28	Neuroprotection via maintenance or increase of antioxidants and neurotrophic factors in ischemic gerbil hippocampus treated with tanshinone I. <i>Chinese Medical Journal</i> , 2014, 127, 3396-405.	2.3	13
29	Ischemia-Induced Changes of PRAS40 and p-PRAS40 Immunoreactivities in the Gerbil Hippocampal CA1 Region After Transient Cerebral Ischemia. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 821-828.	3.3	12
30	Age-dependent differences in myelin basic protein expression in the hippocampus of young, adult and aged gerbils. <i>Laboratory Animal Research</i> , 2017, 33, 237.	2.5	12
31	Delayed hippocampal neuronal death in young gerbil following transient global cerebral ischemia is related to higher and longer-term expression of p63 in the ischemic hippocampus. <i>Neural Regeneration Research</i> , 2015, 10, 944.	3.0	12
32	Changes in the expression of DNA-binding/differentiation protein inhibitors in neurons and glial cells of the gerbil hippocampus following transient global cerebral ischemia. <i>Molecular Medicine Reports</i> , 2015, 11, 2477-2485.	2.4	11
33	Ischemic preconditioning inhibits expression of Na ⁺ /H ⁺ exchanger 1 (NHE1) in the gerbil hippocampal CA1 region after transient forebrain ischemia. <i>Journal of the Neurological Sciences</i> , 2015, 351, 146-153.	0.6	11
34	Pre-treatment with <i>Chrysanthemum indicum</i> Linn extract protects pyramidal neurons from transient cerebral ischemia via increasing antioxidants in the gerbil hippocampal CA1 region. <i>Molecular Medicine Reports</i> , 2017, 16, 133-142.	2.4	11
35	Effects of ischemic preconditioning on VEGF and pFlk-1 immunoreactivities in the gerbil ischemic hippocampus after transient cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2014, 347, 179-187.	0.6	10
36	Transient ischemia-induced change of CCR7 immunoreactivity in neurons and its new expression in astrocytes in the gerbil hippocampus. <i>Journal of the Neurological Sciences</i> , 2014, 336, 203-210.	0.6	10

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37	Comparison of catalase immunoreactivity in the hippocampus between young, adult and aged mice and rats. <i>Molecular Medicine Reports</i> , 2016, 14, 851-856.	2.4	10
38	Long-term treadmill exercise improves memory impairment through restoration of decreased synaptic adhesion molecule 1/2/3 induced by transient cerebral ischemia in the aged gerbil hippocampus. <i>Experimental Gerontology</i> , 2018, 103, 124-131.	2.8	10
39	Monocarboxylate transporter 4 plays a significant role in the neuroprotective mechanism of ischemic preconditioning in transient cerebral ischemia. <i>Neural Regeneration Research</i> , 2015, 10, 1604.	3.0	10
40	Ethanol extract of <i>Oenanthe javanica</i> increases cell proliferation and neuroblast differentiation in the adolescent rat dentate gyrus. <i>Neural Regeneration Research</i> , 2015, 10, 271.	3.0	9
41	Effect of ischemic preconditioning on antioxidant status in the gerbil hippocampal CA1 region after transient forebrain ischemia. <i>Neural Regeneration Research</i> , 2016, 11, 1081.	3.0	9
42	Hyperthermic preconditioning severely accelerates neuronal damage in the gerbil ischemic hippocampal dentate gyrus via decreasing SODs expressions. <i>Journal of the Neurological Sciences</i> , 2015, 358, 266-275.	0.6	8
43	Effects of long-term post-ischemic treadmill exercise on gliosis in the aged gerbil hippocampus induced by transient cerebral ischemia. <i>Molecular Medicine Reports</i> , 2017, 15, 3623-3630.	2.4	8
44	Vanillin improves scopolamine-induced memory impairment through restoration of ID1 expression in the mouse hippocampus. <i>Molecular Medicine Reports</i> , 2018, 17, 4399-4405.	2.4	7
45	Activation of immediate-early response gene c-Fos protein in the rat paralimbic cortices after myocardial infarction. <i>Neural Regeneration Research</i> , 2015, 10, 1251.	3.0	7
46	<i>Oenanthe javanica</i> extract increases immunoreactivities of antioxidant enzymes in the rat kidney. <i>Chinese Medical Journal</i> , 2014, 127, 3758-63.	2.3	7
47	Time interval after ischaemic preconditioning affects neuroprotection and gliosis in the gerbil hippocampal CA1 region induced by transient cerebral ischaemia. <i>Neurological Research</i> , 2016, 38, 210-219.	1.3	6
48	Effect of hyperthermia on calbindin-D 28k immunoreactivity in the hippocampal formation following transient global cerebral ischemia in gerbils. <i>Neural Regeneration Research</i> , 2017, 12, 1458.	3.0	6
49	Differential activation of c-Fos in the paraventricular nuclei of the hypothalamus and thalamus following myocardial infarction in rats. <i>Molecular Medicine Reports</i> , 2016, 14, 3503-3508.	2.4	5
50	Effects of ischemic preconditioning on PDGF-BB expression in the gerbil hippocampal CA1 region following transient cerebral ischemia. <i>Molecular Medicine Reports</i> , 2017, 16, 1627-1634.	2.4	5
51	Increased cyclooxygenase-2 and nuclear factor- κ B/p65 expression in mouse hippocampi after systemic administration of tetanus toxin. <i>Molecular Medicine Reports</i> , 2015, 12, 7837-7844.	2.4	4
52	Failure in neuroprotection of remote limb ischemic postconditioning in the hippocampus of a gerbil model of transient cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2015, 358, 377-384.	0.6	3
53	Increased immunoreactivity of c-Fos in the spinal cord of the aged mouse and dog. <i>Molecular Medicine Reports</i> , 2015, 11, 1043-1048.	2.4	2
54	Ischemic preconditioning maintains the immunoreactivities of glucokinase and glucokinase regulatory protein in neurons of the gerbil hippocampal CA1 region following transient cerebral ischemia. <i>Molecular Medicine Reports</i> , 2015, 12, 4939-4946.	2.4	2

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55	Neuroprotective effects of ischemic preconditioning on hippocampal CA1 pyramidal neurons through maintaining calbindin D28k immunoreactivity following subsequent transient cerebral ischemia. <i>Neural Regeneration Research</i> , 2017, 12, 918.	3.0	2
56	Difference in transient ischemia-induced neuronal damage and glucose transporter-1 immunoreactivity in the hippocampus between adult and young gerbils. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 521-8.	1.0	1
57	Hippophae rhamnoides L. leaves extract enhances cell proliferation and neuroblast differentiation through upregulation of intrinsic factors in the dentate gyrus of the aged gerbil. <i>Chinese Medical Journal</i> , 2014, 127, 4006-11.	2.3	1
58	G protein, phosphorylated-GATA4 and VEGF expression in the hearts of transgenic mice overexpressing β_1 - and β_2 -adrenergic receptors. <i>Molecular Medicine Reports</i> , 2017, 15, 4049-4054.	2.4	0
59	Effect of ischemic preconditioning on the expression of c-myc in the CA1 region of the gerbil hippocampus after ischemia/reperfusion injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 624-31.	1.0	0