Yang-Hee Kim

List of Publications by Year
in descending order

57	1,561	304368	315357
papers	citations	22 h-index	38 g-index

57	57	57	2029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zn2+entry produces oxidative neuronal necrosis in cortical cell cultures. European Journal of Neuroscience, 1999, 11, 327-334.	1.2	163
2	The Role of NADPH Oxidase and Neuronal Nitric Oxide Synthase in Zinc-Induced Poly(ADP-ribose) Polymerase Activation and Cell Death in Cortical Culture. Experimental Neurology, 2002, 177, 407-418.	2.0	150
3	Mediation by Membrane Protein Kinase C of Zinc-Induced Oxidative Neuronal Injury in Mouse Cortical Cultures. Journal of Neurochemistry, 2001, 72, 1609-1616.	2.1	113
4	Depletion of Intracellular Zinc Induces Protein Synthesis-Dependent Neuronal Apoptosis in Mouse Cortical Culture. Experimental Neurology, 1998, 154, 47-56.	2.0	78
5	N-Methyl-d-aspartate Receptor Blockade Induces Neuronal Apoptosis in Cortical Culture. Experimental Neurology, 1999, 159, 124-130.	2.0	77
6	Lysosomal dysfunction in proteinopathic neurodegenerative disorders: possible therapeutic roles of cAMP and zinc. Molecular Brain, 2019, 12, 18.	1.3	75
7	Interleukin (IL)-10 Induced by CD11b+ Cells and IL-10-Activated Regulatory T Cells Play a Role in Immune Modulation of Mesenchymal Stem Cells in Rat Islet Allografts. Molecular Medicine, 2011, 17, 697-708.	1.9	60
8	Antioxidative and Proapoptotic Effects of Riluzole on Cultured Cortical Neurons. Journal of Neurochemistry, 1999, 72, 716-723.	2.1	55
9	Anti-oxidative neuroprotection by estrogens in mouse cortical cultures. Journal of Korean Medical Science, 2000, 15, 327.	1.1	55
10	Essential Role for Zinc-Triggered p75‹sup›NTR‹/sup›Activation in Preconditioning Neuroprotection. Journal of Neuroscience, 2008, 28, 10919-10927.	1.7	43
11	Non-proteolytic neurotrophic effects of tissue plasminogen activator on cultured mouse cerebrocortical neurons. Journal of Neurochemistry, 2007, 101, 1236-1247.	2.1	39
12	Pretreated quercetin protects gerbil hippocampal CA1 pyramidal neurons from transient cerebral ischemic injury by increasing the expression of antioxidant enzymes. Neural Regeneration Research, 2017, 12, 220.	1.6	39
13	CD74-immunoreactive activated M1 microglia are shown late in the gerbil hippocampal CA1 region following transient cerebral ischemia. Molecular Medicine Reports, 2017, 15, 4148-4154.	1.1	36
14	Consensus Scoring Approach To Identify the Inhibitors of AMP-Activated Protein Kinase Î±2 with Virtual Screening. Journal of Chemical Information and Modeling, 2014, 54, 2139-2146.	2.5	34
15	Induction by Synaptic Zinc of Heat Shock Protein-70 in Hippocampus after Kainate Seizures. Experimental Neurology, 2000, 161, 433-441.	2.0	32
16	Upregulation of tPA/plasminogen proteolytic system in the periphery of amyloid deposits in the Tg2576 mouse model of Alzheimer's disease. Neuroscience Letters, 2007, 423, 82-87.	1.0	32
17	Analysis of differential plaque depositions in the brains of Tg2576 and Tg-APPswe/PS1dE9 transgenic mouse models of Alzheimer disease. Experimental and Molecular Medicine, 2012, 44, 492.	3.2	31
18	The involvement of caspaseâ€11 in TPENâ€induced apoptosis. FEBS Letters, 2008, 582, 1871-1876.	1.3	30

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19	AMP-activated protein kinase contributes to zinc-induced neuronal death via activation by LKB1 and induction of Bim in mouse cortical cultures. Molecular Brain, 2016, 9, 14.	1.3	30
20	Essential role of p53 in TPENâ€induced neuronal apoptosis. FEBS Letters, 2009, 583, 1516-1520.	1.3	28
21	Î²-Sheet-breaking peptides inhibit the fibrillation of human Î±-synuclein. Biochemical and Biophysical Research Communications, 2009, 387, 682-687.	1.0	27
22	Epidermal Growth Factor Induces Oxidative Neuronal Injury in Cortical Culture. Journal of Neurochemistry, 2001, 75, 298-303.	2.1	25
23	Mechanism of Zinc Excitotoxicity: A Focus on AMPK. Frontiers in Neuroscience, 2020, 14, 577958.	1.4	21
24	Novel approach to the fabrication of an artificial small bone using a combination of sponge replica and electrospinning methods. Science and Technology of Advanced Materials, 2011, 12, 035002.	2.8	20
25	Atomoxetine Protects Against NMDA Receptor-mediated Hippocampal Neuronal Death Following Transient Global Cerebral Ischemia. Current Neurovascular Research, 2017, 14, 158-168.	0.4	20
26	Zincâ€triggered induction of tissue plasminogen activator by brainâ€derived neurotrophic factor and metalloproteinases. Journal of Neurochemistry, 2011, 118, 855-863.	2.1	19
27	Neuroprotection and reduced gliosis by pre- and post-treatments of hydroquinone in a gerbil model of transient cerebral ischemia. Chemico-Biological Interactions, 2017, 278, 230-238.	1.7	19
28	Zinc preconditioning protects against neuronal apoptosis through the mitogen-activated protein kinase-mediated induction of heat shock protein 70. Biochemical and Biophysical Research Communications, 2015, 459, 220-226.	1.0	16
29	Poly(ADP-ribosyl)ation of p53 Contributes to TPEN-Induced Neuronal Apoptosis. Molecules and Cells, 2015, 38, 312-317.	1.0	16
30	Infarct reduction in rats following intraventricular administration of either tissue plasminogen activator (tPA) or its non-protease mutant S478A-tPA. Experimental Neurology, 2004, 189, 354-360.	2.0	15
31	Transient Cerebral Ischemia Alters GSK-3Î² and p-GSK-3Î² Immunoreactivity in Pyramidal Neurons and Induces p-GSK-3Î² Expression in Astrocytes in the Gerbil Hippocampal CA1 Area. Neurochemical Research, 2017, 42, 2305-2313.	1.6	14
32	Neuronal injury and tumor necrosis factor-alpha immunoreactivity in the rat hippocampus in the early period of asphyxia-induced cardiac arrest under normothermia. Neural Regeneration Research, 2017, 12, 2007.	1.6	13
33	S-Nitrosylation of cathepsin B affects autophagic flux and accumulation of protein aggregates in neurodegenerative disorders. Cell Death and Differentiation, 2022, 29, 2137-2150.	5.0	12
34	Pre-treatment with Chrysanthemum indicum LinnÃ© extract protects pyramidal neurons from transient cerebral ischemia via increasing antioxidants in the gerbil hippocampal CA1 region. Molecular Medicine Reports, 2017, 16, 133-142.	1.1	11
35	Continuous Inhibition of Sonic Hedgehog Signaling Leads to Differentiation of Human-Induced Pluripotent Stem Cells into Functional Insulin-Producing Î² Cells. Stem Cells International, 2021, 2021, 1-13.	1.2	11
36	The Native Metastability and Misfolding of Serine Protease Inhibitors. Protein and Peptide Letters, 2005, 12, 477-481.	0.4	10

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37	The hexapeptide PGVTAV suppresses neurotoxicity of human Î±-synuclein aggregates. Biochemical and Biophysical Research Communications, 2011, 408, 334-338.	1.0	10
38	Transient cerebral ischemia induces albumin expression in microglia only in the CA1 region of the gerbil hippocampus. Molecular Medicine Reports, 2017, 16, 661-665.	1.1	10
39	Effects of long-term post-ischemic treadmill exercise on gliosis in the aged gerbil hippocampus induced by transient cerebral ischemia. Molecular Medicine Reports, 2017, 15, 3623-3630.	1.1	8
40	Identifying New AMP-Activated Protein Kinase Inhibitors That Protect against Ischemic Brain Injury. ACS Chemical Neuroscience, 2019, 10, 2345-2354.	1.7	7
41	Zinc-Triggered Induction of Tissue Plasminogen Activator and Plasminogen in Endothelial Cells and Pericytes. Experimental Neurobiology, 2013, 22, 315-321.	0.7	6
42	Retarded protein folding of the human Z-type Î±1-antitrypsin variant is suppressed by Cpr2p. Biochemical and Biophysical Research Communications, 2014, 445, 191-195.	1.0	6
43	Immunohistochemical localization of glucose transporter 1 and 3 in the scrotal and abdominal testes of a dog. Laboratory Animal Research, 2017, 33, 114.	1.1	6
44	A Novel Zinc Chelator, 1H10, Ameliorates Experimental Autoimmune Encephalomyelitis by Modulating Zinc Toxicity and AMPK Activation. International Journal of Molecular Sciences, 2020, 21, 3375.	1.8	6
45	Effect of hyperthermia on calbindin-D 28k immunoreactivity in the hippocampal formation following transient global cerebral ischemia in gerbils. Neural Regeneration Research, 2017, 12, 1458.	1.6	6
46	Effects of ischemic preconditioning on PDGF-BB expression in the gerbil hippocampal CA1 region following transient cerebral ischemia. Molecular Medicine Reports, 2017, 16, 1627-1634.	1.1	5
47	Novel colchicine derivatives enhance graft survival after transplantation via suppression of Tâ€cell differentiation and activity. Journal of Cellular Biochemistry, 2019, 120, 12436-12449.	1.2	5
48	Enhanced insulin production and reprogramming efficiency of mesenchymal stem cells derived from porcine pancreas using suitable induction medium. Xenotransplantation, 2019, 26, e12451.	1.6	5
49	The effects of dimethyl 3,3â€²-dithiobispropionimidate di-hydrochloride cross-linking of collagen and gelatin coating on porous spherical biphasic calcium phosphate granules. Journal of Biomaterials Applications, 2014, 29, 386-398.	1.2	3
50	Fabrication and material properties of fibrous PHBV scaffolds depending on the cross-ply angle for tissue engineering. Journal of Biomaterials Applications, 2012, 27, 457-468.	1.2	2
51	Yeast Cyclophilins Prevent Cold Denaturation of Proteins. Bulletin of the Korean Chemical Society, 2016, 37, 366-371.	1.0	2
52	Neuroprotective effects of ischemic preconditioning on hippocampal CA1 pyramidal neurons through maintaining calbindin D28k immunoreactivity following subsequent transient cerebral ischemia. Neural Regeneration Research, 2017, 12, 918.	1.6	2
53	Communication Skills Improvement of Medial Students According to Length and Methods of Preclinical Training. Korean Journal of Medical Education, 2009, 21, 3-16.	0.6	2
54	Peptidylâ€Prolyl Isomerase Cpr7p of Yeast Prevents Protein Aggregation Upon Freezing. Bulletin of the Korean Chemical Society, 2018, 39, 1248-1253.	1.0	1

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55	Apocrine Carcinoma of the Breast: Clinicopathologic Analysis of 19 Cases. Journal of Breast Cancer, 2008, 11, 201.	0.8	0
56	G protein, phosphorylated-GATA4 and VEGF expression in the hearts of transgenic mice overexpressing Î²1- and Î²2-adrenergic receptors. Molecular Medicine Reports, 2017, 15, 4049-4054.	1.1	0
57	NIR is degraded by the anaphase-promoting complex proteasome pathway. Archives of Biological Sciences, 2014, 66, 1493-1502.	0.2	0