

Young-Myeong Kim

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128
papers

3,365
citations

29
h-index

53
g-index

133
ext. papers

3,951
ext. citations

5.8
avg, IF

4.99
L-index

#	Paper	IF	Citations
128	Nitric oxide as a bifunctional regulator of apoptosis. <i>Circulation Research</i> , 1999 , 84, 253-6	15.7	366
127	Interleukin-33 induces angiogenesis and vascular permeability through ST2/TRAF6-mediated endothelial nitric oxide production. <i>Blood</i> , 2009 , 114, 3117-26	2.2	215
126	Nitric oxide prevents tumor necrosis factor alpha-induced rat hepatocyte apoptosis by the interruption of mitochondrial apoptotic signaling through S-nitrosylation of caspase-8. <i>Hepatology</i> , 2000 , 32, 770-8	11.2	184
125	Heme oxygenase in the regulation of vascular biology: from molecular mechanisms to therapeutic opportunities. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 137-67	8.4	177
124	Fractalkine stimulates angiogenesis by activating the Raf-1/MEK/ERK- and PI3K/Akt/eNOS-dependent signal pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H2836-46	5.2	144
123	Yes-associated protein regulates endothelial cell contact-mediated expression of angiopoietin-2. <i>Nature Communications</i> , 2015 , 6, 6943	17.4	140
122	Multiple paracrine factors secreted by mesenchymal stem cells contribute to angiogenesis. <i>Vascular Pharmacology</i> , 2014 , 63, 19-28	5.9	105
121	Dual effects of carbon monoxide on pericytes and neurogenesis in traumatic brain injury. <i>Nature Medicine</i> , 2016 , 22, 1335-1341	50.5	90
120	Aspirin prevents TNF- α -induced endothelial cell dysfunction by regulating the NF- κ B-dependent miR-155/eNOS pathway: Role of a miR-155/eNOS axis in preeclampsia. <i>Free Radical Biology and Medicine</i> , 2017 , 104, 185-198	7.8	76
119	Functional role of NF- κ B in expression of human endothelial nitric oxide synthase. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 448, 101-7	3.4	58
118	Hypoxia-inducible factor-2 α is an essential catabolic regulator of inflammatory rheumatoid arthritis. <i>PLoS Biology</i> , 2014 , 12, e1001881	9.7	50
117	Sac-1004, a vascular leakage blocker, reduces cerebral ischemia-reperfusion injury by suppressing blood-brain barrier disruption and inflammation. <i>Journal of Neuroinflammation</i> , 2017 , 14, 122	10.1	49
116	The tetraspanin CD81 protein increases melanoma cell motility by up-regulating metalloproteinase MT1-MMP expression through the pro-oncogenic Akt-dependent Sp1 activation signaling pathways. <i>Journal of Biological Chemistry</i> , 2014 , 289, 15691-704	5.4	46
115	Long-Term Exercise Improves Memory Deficits via Restoration of Myelin and Microvessel Damage, and Enhancement of Neurogenesis in the Aged Gerbil Hippocampus After Ischemic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2016 , 30, 894-905	4.7	43
114	NF- κ B-responsive miRNA-31-5p elicits endothelial dysfunction associated with preeclampsia via down-regulation of endothelial nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , 2018 , 293, 18989-19000	5.4	43
113	Macrophage inhibitory cytokine-1 stimulates proliferation of human umbilical vein endothelial cells by up-regulating cyclins D1 and E through the PI3K/Akt-, ERK-, and JNK-dependent AP-1 and E2F activation signaling pathways. <i>Cellular Signalling</i> , 2012 , 24, 1485-95	4.9	40
112	Pretreated fucoidan confers neuroprotection against transient global cerebral ischemic injury in the gerbil hippocampal CA1 area via reducing of glial cell activation and oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1718-1727	7.5	37

111	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	6	36
110	Loss of NDRG2 promotes epithelial-mesenchymal transition of gallbladder carcinoma cells through MMP-19-mediated Slug expression. <i>Journal of Hepatology</i> , 2015 , 63, 1429-39	13.4	35
109	Direct endothelial junction restoration results in significant tumor vascular normalization and metastasis inhibition in mice. <i>Oncotarget</i> , 2014 , 5, 2761-77	3.3	35
108	New GABAergic Neurogenesis in the Hippocampal CA1 Region of a Gerbil Model of Long-Term Survival after Transient Cerebral Ischemic Injury. <i>Brain Pathology</i> , 2016 , 26, 581-92	6	35
107	Specific activation of insulin-like growth factor-1 receptor by ginsenoside Rg5 promotes angiogenesis and vasorelaxation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 467-77	5.4	34
106	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	7.8	34
105	Neuronal damage in hippocampal subregions induced by various durations of transient cerebral ischemia in gerbils using Fluoro-Jade B histofluorescence. <i>Brain Research</i> , 2012 , 1437, 50-7	3.7	33
104	Deguelin Analogue SH-1242 Inhibits Hsp90 Activity and Exerts Potent Anticancer Efficacy with Limited Neurotoxicity. <i>Cancer Research</i> , 2016 , 76, 686-99	10.1	32
103	p-Hydroxybenzyl alcohol-containing biodegradable nanoparticle improves functional blood flow through angiogenesis in a mouse model of hindlimb ischemia. <i>Biomaterials</i> , 2015 , 53, 679-87	15.6	31
102	The caspase-8/Bid/cytochrome c axis links signals from death receptors to mitochondrial reactive oxygen species production. <i>Free Radical Biology and Medicine</i> , 2017 , 112, 567-577	7.8	31
101	Carbon Monoxide Potentiation of L-Type Ca Channel Activity Increases HIF-1 α -Independent VEGF Expression via an AMPK/SIRT1-Mediated PGC-1 α /ERR α Axis. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 21-36	8.4	31
100	Carbon monoxide stimulates astrocytic mitochondrial biogenesis via L-type Ca channel-mediated PGC-1 α /ERR α activation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 479, 297-304	3.4	29
99	Neuroprotective effect of a new synthetic aspirin-decursinol adduct in experimental animal models of ischemic stroke. <i>PLoS ONE</i> , 2013 , 8, e74886	3.7	28
98	The metastasis suppressor CD82/KAI1 inhibits fibronectin adhesion-induced epithelial-to-mesenchymal transition in prostate cancer cells by repressing the associated integrin signaling. <i>Oncotarget</i> , 2017 , 8, 1641-1654	3.3	27
97	Kurarinone promotes TRAIL-induced apoptosis by inhibiting NF- κ B-dependent cFLIP expression in HeLa cells. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 653-64	12.8	27
96	A miRNA-101-3p/Bim axis as a determinant of serum deprivation-induced endothelial cell apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e2808	9.8	26
95	BMP9 Induces Cord Blood-Derived Endothelial Progenitor Cell Differentiation and Ischemic Neovascularization via ALK1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 2020-31	9.4	26
94	Ischemic preconditioning-induced neuroprotection against transient cerebral ischemic damage via attenuating ubiquitin aggregation. <i>Journal of the Neurological Sciences</i> , 2014 , 336, 74-82	3.2	25

93	Antioxidant Properties of Fucoïdan Alleviate Acceleration and Exacerbation of Hippocampal Neuronal Death Following Transient Global Cerebral Ischemia in High-Fat Diet-Induced Obese Gerbils. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	24
92	Pretreated duloxetine protects hippocampal CA1 pyramidal neurons from ischemia-reperfusion injury through decreases of glial activation and oxidative stress. <i>Journal of the Neurological Sciences</i> , 2016 , 370, 229-236	3.2	24
91	Neuronal damage and gliosis in the somatosensory cortex induced by various durations of transient cerebral ischemia in gerbils. <i>Brain Research</i> , 2013 , 1510, 78-88	3.7	23
90	TNF- β elicits phenotypic and functional alterations of vascular smooth muscle cells by miR-155-5p-dependent down-regulation of cGMP-dependent kinase 1. <i>Journal of Biological Chemistry</i> , 2018 , 293, 14812-14822	5.4	22
89	Melatonin improves vascular cognitive impairment induced by ischemic stroke by remyelination via activation of ERK1/2 signaling and restoration of glutamatergic synapses in the gerbil hippocampus. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 687-697	7.5	22
88	NF- κ B-responsive miR-155 induces functional impairment of vascular smooth muscle cells by downregulating soluble guanylyl cyclase. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-12	12.8	21
87	Inhibition of VEGF-dependent angiogenesis and tumor angiogenesis by an optimized antibody targeting CLEC14a. <i>Molecular Oncology</i> , 2018 , 12, 356-372	7.9	21
86	Tumor endothelial cells as a potential target of metronomic chemotherapy. <i>Archives of Pharmacal Research</i> , 2019 , 42, 1-13	6.1	21
85	Ring-truncated deguelin derivatives as potent Hypoxia Inducible Factor-1 (HIF-1) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015 , 104, 157-64	6.8	20
84	Neuroprotection and reduced gliosis by atomoxetine pretreatment in a gerbil model of transient cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2015 , 359, 373-80	3.2	20
83	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, 21-6	3.2	20
82	Heme oxygenase-1 (HO-1)/carbon monoxide (CO) axis suppresses RANKL-induced osteoclastic differentiation by inhibiting redox-sensitive NF- κ B activation. <i>BMB Reports</i> , 2017 , 50, 103-108	5.5	20
81	Neuroprotection of posttreatment with risperidone, an atypical antipsychotic drug, in rat and gerbil models of ischemic stroke and the maintenance of antioxidants in a gerbil model of ischemic stroke. <i>Journal of Neuroscience Research</i> , 2014 , 92, 795-807	4.4	19
80	Novel Hypoxia-Inducible Factor 1 (HIF-1) Inhibitors for Angiogenesis-Related Ocular Diseases: Discovery of a Novel Scaffold via Ring-Truncation Strategy. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 9266-9286 ¹⁹	8.3	19
79	Changes and expressions of Redd1 in neurons and glial cells in the gerbil hippocampus proper following transient global cerebral ischemia. <i>Journal of the Neurological Sciences</i> , 2014 , 344, 43-50	3.2	18
78	Experimental Pretreatment with Chlorogenic Acid Prevents Transient Ischemia-Induced Cognitive Decline and Neuronal Damage in the Hippocampus through Anti-Oxidative and Anti-Inflammatory Effects. <i>Molecules</i> , 2020 , 25,	4.8	18
77	Melatonin attenuates scopolamine-induced cognitive impairment via protecting against demyelination through BDNF-TrkB signaling in the mouse dentate gyrus. <i>Chemico-Biological Interactions</i> , 2018 , 285, 8-13	5	17
76	Roles of HIF-1, 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	6.2	17

75	Synthesis and biological evaluation of C-ring truncated deguelin derivatives as heat shock protein 90 (HSP90) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 6082-6093	3.4	17
74	Heme oxygenase metabolites improve astrocytic mitochondrial function via a Ca ²⁺ -dependent HIF-1 α /ERR α circuit. <i>PLoS ONE</i> , 2018 , 13, e0202039	3.7	17
73	CD74-immunoreactive activated M1 microglia are shown late in the gerbil hippocampal CA1 region following transient cerebral ischemia. <i>Molecular Medicine Reports</i> , 2017 , 15, 4148-4154	2.9	16
72	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	5.7	16
71	Atomoxetine Protects Against NMDA Receptor-mediated Hippocampal Neuronal Death Following Transient Global Cerebral Ischemia. <i>Current Neurovascular Research</i> , 2017 , 14, 158-168	1.8	16
70	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	5	15
69	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, 1984-95	4.6	15
68	Hydroquinone Strongly Alleviates Focal Ischemic Brain Injury via Blockage of Blood-Brain Barrier Disruption in Rats. <i>Toxicological Sciences</i> , 2016 , 154, 430-441	4.4	15
67	Chronic high-fat diet-induced obesity in gerbils increases pro-inflammatory cytokines and mTOR activation, and elicits neuronal death in the striatum following brief transient ischemia. <i>Neurochemistry International</i> , 2018 , 121, 75-85	4.4	15
66	The metastasis suppressor CD82/KAI1 represses the TGF- β and Wnt signalings inducing epithelial-to-mesenchymal transition linked to invasiveness of prostate cancer cells. <i>Prostate</i> , 2019 , 79, 1400-1411	4.2	14
65	Effects of chronic scopolamine treatment on cognitive impairment and neurofilament expression in the mouse hippocampus. <i>Molecular Medicine Reports</i> , 2018 , 17, 1625-1632	2.9	14
64	REDD-1 aggravates endotoxin-induced inflammation via atypical NF- κ B activation. <i>FASEB Journal</i> , 2018 , 32, 4585-4599	0.9	13
63	Inhibitor of apoptosis (IAP)-like protein lacks a baculovirus IAP repeat (BIR) domain and attenuates cell death in plant and animal systems. <i>Journal of Biological Chemistry</i> , 2011 , 286, 42670-42678	5.4	13
62	Protective effect of p53 in vascular smooth muscle cells against nitric oxide-induced apoptosis is mediated by up-regulation of heme oxygenase-2. <i>BMB Reports</i> , 2008 , 41, 164-9	5.5	13
61	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	2.9	12
60	Interferon- β stimulates human follicular dendritic cell-like cells to produce prostaglandins via the JAK-STAT pathway. <i>Molecular Immunology</i> , 2015 , 66, 189-96	4.3	12
59	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, 2380-90	4.6	12
58	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, 1537-44	4.4	12

57	Langerhans cell protein 1 (LCP1) binds to PNUTS in the nucleus: implications for this complex in transcriptional regulation. <i>Experimental and Molecular Medicine</i> , 2009 , 41, 189-200	12.8	12
56	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	2.9	11
55	Arginase II inhibition prevents interleukin-8 production through regulation of p38 MAPK phosphorylation activated by loss of mitochondrial membrane potential in nLDL-stimulated hAoSMCs. <i>Experimental and Molecular Medicine</i> , 2018 , 50, e438	12.8	11
54	Lipopolysaccharide induction of REDD1 is mediated by two distinct CREB-dependent mechanisms in macrophages. <i>FEBS Letters</i> , 2015 , 589, 2859-65	3.8	11
53	Circulating miRNAs Associated with Dysregulated Vascular and Trophoblast Function as Target-Based Diagnostic Biomarkers for Preeclampsia. <i>Cells</i> , 2020 , 9,	7.9	11
52	Early IV-injected human dermis-derived mesenchymal stem cells after transient global cerebral ischemia do not pass through damaged blood-brain barrier. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, 1646-1657	4.4	11
51	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	3.2	10
50	CLEC14A deficiency exacerbates neuronal loss by increasing blood-brain barrier permeability and inflammation. <i>Journal of Neuroinflammation</i> , 2020 , 17, 48	10.1	10
49	Neuronal loss and gliosis in the rat striatum subjected to 15 and 30 minutes of middle cerebral artery occlusion. <i>Metabolic Brain Disease</i> , 2018 , 33, 775-784	3.9	10
48	Melatonin alleviates asphyxial cardiac arrest-induced cerebellar Purkinje cell death by attenuation of oxidative stress. <i>Experimental Neurology</i> , 2019 , 320, 112983	5.7	10
47	Vanillin and 4-hydroxybenzyl alcohol promotes cell proliferation and neuroblast differentiation in the dentate gyrus of mice via the increase of brain-derived neurotrophic factor and tropomyosin-related kinase B. <i>Molecular Medicine Reports</i> , 2016 , 13, 2949-56	2.9	10
46	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, 203-10	3.2	9
45	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, 179-87	3.2	9
44	Tetraspanin CD82 represses Sp1-mediated Snail expression and the resultant E-cadherin expression interrupts nuclear signaling of Eatenin by increasing its membrane localization. <i>Cellular Signalling</i> , 2018 , 52, 83-94	4.9	9
43	Rufinamide, an antiepileptic drug, improves cognition and increases neurogenesis in the aged gerbil hippocampal dentate gyrus via increasing expressions of IGF-1, IGF-1R and p-CREB. <i>Chemico-Biological Interactions</i> , 2018 , 286, 71-77	5	8
42	Integrative analysis of DNA methylation and mRNA expression during differentiation of umbilical cord blood derived mononuclear cells to endothelial cells. <i>Gene</i> , 2017 , 635, 48-60	3.8	8
41	Suppressor of cytokine signaling 1 is a positive regulator of TGF- β -induced prostaglandin production in human follicular dendritic cell-like cells. <i>Journal of Immunology</i> , 2015 , 194, 4287-97	5.3	8
40	Arg-Leu-Tyr-Glu tetrapeptide inhibits tumor progression by suppressing angiogenesis and vascular permeability via VEGF receptor-2 antagonism. <i>Oncotarget</i> , 2017 , 8, 11763-11777	3.3	8

39	Fate of Astrocytes in The Gerbil Hippocampus After Transient Global Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
38	Down-regulation of cyclin-dependent kinase 5 attenuates p53-dependent apoptosis of hippocampal CA1 pyramidal neurons following transient cerebral ischemia. <i>Scientific Reports</i> , 2019 , 9, 13032	4.9	7
37	The tetrapeptide Arg-Leu-Tyr-Glu inhibits VEGF-induced angiogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 463, 532-7	3.4	7
36	Promoter CpG-Site Methylation of the KAI1 Metastasis Suppressor Gene Contributes to Its Epigenetic Repression in Prostate Cancer. <i>Prostate</i> , 2017 , 77, 350-360	4.2	7
35	Regulation of Endothelial and Vascular Functions by Carbon Monoxide Crosstalk With Nitric Oxide. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 649630	5.4	7
34	Differential regional infarction, neuronal loss and gliosis in the gerbil cerebral hemisphere following 30 min of unilateral common carotid artery occlusion. <i>Metabolic Brain Disease</i> , 2019 , 34, 223-233	3.9	7
33	Activated human B cells stimulate COX-2 expression in follicular dendritic cell-like cells via TNF- α <i>Molecular Immunology</i> , 2018 , 94, 1-6	4.3	7
32	p32-Dependent p38 MAPK Activation by Arginase II Downregulation Contributes to Endothelial Nitric Oxide Synthase Activation in HUVECs. <i>Cells</i> , 2020 , 9,	7.9	6
31	Post-treatment with oxcarbazepine confers potent neuroprotection against transient global cerebral ischemic injury by activating Nrf2 defense pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 124, 109850	7.5	6
30	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	4.5	6
29	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, 266-75	3.2	6
28	A 2-Min Transient Ischemia Confers Cerebral Ischemic Tolerance in Non-Obese Gerbils, but Results in Neuronal Death in Obese Gerbils by Increasing Abnormal mTOR Activation-Mediated Oxidative Stress and Neuroinflammation. <i>Cells</i> , 2019 , 8,	7.9	5
27	Risperidone Treatment after Transient Ischemia Induces Hypothermia and Provides Neuroprotection in the Gerbil Hippocampus by Decreasing Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
26	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, 210-9 ²⁻⁷	2.7	5
25	N-Terminal Modification of the Tetrapeptide Arg-Leu-Tyr-Glu, a Vascular Endothelial Growth Factor Receptor-2 (VEGFR-2) Antagonist, Improves Antitumor Activity by Increasing its Stability against Serum Peptidases. <i>Molecular Pharmacology</i> , 2019 , 96, 692-701	4.3	5
24	Arginase Inhibition Suppresses Native Low-Density Lipoprotein-Stimulated Vascular Smooth Muscle Cell Proliferation by NADPH Oxidase Inactivation. <i>Yonsei Medical Journal</i> , 2018 , 59, 366-375	3	4
23	Arg-Leu-Tyr-Glu Suppresses Retinal Endothelial Permeability and Choroidal Neovascularization by Inhibiting the VEGF Receptor 2 Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2019 , 27, 474-483	4.2	4
22	SALM4 regulates angiogenic functions in endothelial cells through VEGFR2 phosphorylation at Tyr1175. <i>FASEB Journal</i> , 2019 , 33, 9842-9857	0.9	3

21	CU06-1004 (endothelial dysfunction blocker) ameliorates astrocyte end-feet swelling by stabilizing endothelial cell junctions in cerebral ischemia/reperfusion injury. <i>Journal of Molecular Medicine</i> , 2020 , 98, 875-886	5.5	3
20	Opposing roles of TGF- β in prostaglandin production by human follicular dendritic cell-like cells. <i>Molecular Immunology</i> , 2016 , 76, 41-8	4.3	3
19	Tumor necrosis factor receptor 2 is required for ischemic preconditioning-mediated neuroprotection in the hippocampus following a subsequent longer transient cerebral ischemia. <i>Neurochemistry International</i> , 2018 , 118, 292-303	4.4	3
18	Pycnogenol Supplementation Attenuates Memory Deficits and Protects Hippocampal CA1 Pyramidal Neurons via Antioxidative Role in a Gerbil Model of Transient Forebrain Ischemia. <i>Nutrients</i> , 2020 , 12,	6.7	3
17	Neuroprotective Effects of Salicin in a Gerbil Model of Transient Forebrain Ischemia by Attenuating Oxidative Stress and Activating PI3K/Akt/GSK3 β Pathway. <i>Antioxidants</i> , 2021 , 10,	7.1	3
16	Macrophage inhibitory cytokine-1 promotes angiogenesis by eliciting the GFRAL-mediated endothelial cell signaling. <i>Journal of Cellular Physiology</i> , 2021 , 236, 4008-4023	7	3
15	Korean Red ginseng prevents endothelial senescence by downregulating the HO-1/NF- κ B/miRNA-155-5p/eNOS pathway. <i>Journal of Ginseng Research</i> , 2021 , 45, 344-353	5.8	3
14	Brain ischemic preconditioning protects against moderate, not severe, transient global cerebral ischemic injury. <i>Metabolic Brain Disease</i> , 2018 , 33, 1193-1201	3.9	2
13	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, 4939-46	2.9	2
12	Co-administration of erythropoietin and iron complex improves late-phase liver regeneration. <i>BMB Reports</i> , 2020 , 53, 148-153	5.5	2
11	Human plasminogen-derived N-acetyl-Arg-Leu-Tyr-Glu antagonizes VEGFR-2 to prevent blood-retinal barrier breakdown in diabetic mice. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 134, 111110	7.5	2
10	Korean Red Ginseng Improves Astrocytic Mitochondrial Function by Upregulating HO-1-Mediated AMPK/PGC-1 α /ERR α Circuit after Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
9	Overexpressed p32 localized in the endoplasmic reticulum and mitochondria negatively regulates calcium-dependent endothelial nitric oxide synthase activit. <i>Molecular Medicine Reports</i> , 2020 , 22, 2395-2403	2.9	1
8	REDD1 is a determinant of low-dose metronomic doxorubicin-elicited endothelial cell dysfunction through downregulation of VEGFR-2/3 expression. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1612-1622	12.8	1
7	Arginase II protein regulates Parkin-dependent p32 degradation that contributes to Ca ²⁺ -dependent eNOS activation in endothelial cells. <i>Cardiovascular Research</i> , 2021 ,	9.9	1
6	Primaquine Diphosphate, a Known Antimalarial Drug, Blocks Vascular Leakage Acting Through Junction Stabilization. <i>Frontiers in Pharmacology</i> , 2021 , 12, 695009	5.6	1
5	Experimental pretreatment with YES-10, a plant extract rich in scutellarin and chlorogenic acid, protects hippocampal neurons from ischemia/reperfusion injury via antioxidant role. <i>Experimental and Therapeutic Medicine</i> , 2021 , 21, 183	2.1	1
4	Transient forebrain ischemia under hyperthermic condition accelerates memory impairment and neuronal death in the gerbil hippocampus by increasing NMDAR1 expression. <i>Molecular Medicine Reports</i> , 2021 , 23,	2.9	1

- 3 Increased Calbindin D28k Expression via Long-Term Alternate-Day Fasting Does Not Protect against Ischemia-Reperfusion Injury: A Focus on Delayed Neuronal Death, Gliosis and Immunoglobulin G Leakage. *International Journal of Molecular Sciences*, **2021**, 22, 6.3 1
- 2 Cyclic Adenosine Monophosphate Inhibits Ursolic Acid-Induced Apoptosis via Activation of Protein Kinase A in Human Leukaemic HL-60 Cells. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 86, 53-58
- 1 Nitric Oxide Protects Murine Embryonic Liver Cells (BNL CL.2) from Cytotoxicity Induced by Glucose Deprivation. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 86, 140-144