

Jong Eun Lee

List of Publications by Year in descending order

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162
papers

5,571
citations

87401

40
h-index

124990

64
g-index

170
all docs

170
docs citations

170
times ranked

9131
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Temperature Management at 36°C Shows Therapeutic Effectiveness via Alteration of Microglial Activation and Polarization After Ischemic Stroke. <i>Translational Stroke Research</i> , 2022, 13, 132-141.	2.3	9
2	CCR4 and CCR5 Involvement in Monocyte-Derived Macrophage Migration in Neuroinflammation. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	6
3	Reparative System Arising from CCR2(+) Monocyte Conversion Attenuates Neuroinflammation Following Ischemic Stroke. <i>Translational Stroke Research</i> , 2021, 12, 879-893.	2.3	11
4	Extracellular Vesicles and Immune System in Ageing and Immune Diseases. <i>Experimental Neurobiology</i> , 2021, 30, 32-47.	0.7	3
5	Maintenance of the Neuroprotective Function of the Amino Group Blocked Fluorescence-Agmatine. <i>Neurochemical Research</i> , 2021, 46, 1933-1940.	1.6	6
6	Role of agmatine in the application of neural progenitor cell in central nervous system diseases: therapeutic potentials and effects. <i>Anatomy and Cell Biology</i> , 2021, 54, 143-151.	0.5	7
7	Role of DPP-4 and SGLT2 Inhibitors Connected to Alzheimer Disease in Type 2 Diabetes Mellitus. <i>Frontiers in Neuroscience</i> , 2021, 15, 708547.	1.4	23
8	Lipid Emulsion Improves Functional Recovery in an Animal Model of Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7373.	1.8	9
9	Monocyte Transmodulation: The Next Novel Therapeutic Approach in Overcoming Ischemic Stroke?. <i>Frontiers in Neurology</i> , 2020, 11, 578003.	1.1	14
10	Adiponectin: The Potential Regulator and Therapeutic Target of Obesity and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6419.	1.8	31
11	Heat Shock Protein 70 (HSP70) Induction: Chaperonotherapy for Neuroprotection after Brain Injury. <i>Cells</i> , 2020, 9, 2020.	1.8	43
12	Neutrophils Return to Bloodstream Through the Brain Blood Vessel After Crosstalk With Microglia During LPS-Induced Neuroinflammation. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 613733.	1.8	34
13	Coexistence of perseveration and apathy in the TDP-43Q331K knock-in mouse model of ALS/FTD. <i>Translational Psychiatry</i> , 2020, 10, 377.	2.4	5
14	Hyperpolarized [1-13C]lactate flux increased in the hippocampal region in diabetic mice. <i>Molecular Brain</i> , 2019, 12, 88.	1.3	15
15	The role of NOX inhibitors in neurodegenerative diseases. <i>IBRO Reports</i> , 2019, 7, 59-69.	0.3	58
16	Role of Agmatine on Neuroglia in Central Nervous System Injury. <i>Brain & Neurorehabilitation</i> , 2019, 12, .	0.4	1
17	Restorative Mechanism of Neural Progenitor Cells Overexpressing Arginine Decarboxylase Genes Following Ischemic Injury. <i>Experimental Neurobiology</i> , 2019, 28, 85-103.	0.7	4
18	Leucine Signals to mTORC1 via Its Metabolite Acetyl-Coenzyme A. <i>Cell Metabolism</i> , 2019, 29, 192-201.e7.	7.2	159

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19	Therapeutic Effect of Agmatine on Neurological Disease: Focus on Ion Channels and Receptors. <i>Neurochemical Research</i> , 2019, 44, 735-750.	1.6	30
20	Autophagy, Cellular Aging and Age-related Human Diseases. <i>Experimental Neurobiology</i> , 2019, 28, 643-657.	0.7	54
21	Role of Heat Shock Proteins (HSP) in Neuroprotection for Ischemic Stroke. <i>Heat Shock Proteins</i> , 2019, , 69-82.	0.2	1
22	Abstract TP125: Temporal Alteration of Infiltrated Macrophage and Resident Microglia Following Focal Cerebral Ischemia Model in Mice. <i>Stroke</i> , 2019, 50, .	1.0	0
23	Abstract TP137: Suppression of Microrna Let-7a Expression Promotes Neurogenesis in Arginine Decarboxylase-neural Stem Cells After Ischemia. <i>Stroke</i> , 2019, 50, .	1.0	0
24	Abstract TP317: Chemokine Production by Microglia Mediates Blood-Derived Monocytes Trafficking in Neuroinflammation. <i>Stroke</i> , 2019, 50, .	1.0	0
25	Disturbed retrieval network and prospective memory decline in postpartum women. <i>Scientific Reports</i> , 2018, 8, 5476.	1.6	13
26	The 70-kDa heat shock protein (Hsp70) as a therapeutic target for stroke. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 191-199.	1.5	74
27	Hyperpolarized [1-13C] pyruvate MR spectroscopy detect altered glycolysis in the brain of a cognitively impaired mouse model fed high-fat diet. <i>Molecular Brain</i> , 2018, 11, 74.	1.3	15
28	Assessment of Cognitive Impairment in a Mouse Model of High-Fat Diet-Induced Metabolic Stress with Touchscreen-Based Automated Battery System. <i>Experimental Neurobiology</i> , 2018, 27, 277-286.	0.7	15
29	Topographical study of the connections of the rami communicantes from the first to the fifth thoracic sympathetic ganglia. <i>Clinical Anatomy</i> , 2018, 31, 1151-1157.	1.5	7
30	High-Mobility Group Box 1-Induced Complement Activation Causes Sterile Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 705.	2.2	51
31	Abstract TP256: Interactions Between Activated Microglia and Macrophages on Polarization and Chemotaxis Effect After Ischemic Stroke. <i>Stroke</i> , 2018, 49, .	1.0	0
32	Abstract TP110: Temporally Characteristic Phenotypes of Microglia and Blood-Derived Macrophage on Neuroinflammatory Responses in Cerebral Ischemia Model Using CX3CR1::EGFP Transgenic Mice. <i>Stroke</i> , 2018, 49, .	1.0	0
33	Thermo-sensitive assembly of the biomaterial REP reduces hematoma volume following collagenase-induced intracerebral hemorrhage in rats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1853-1862.	1.7	12
34	Hypothermia Identifies Dynamin as a Potential Therapeutic Target in Experimental Stroke. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 171-177.	0.3	9
35	Agmatine ameliorates type 2 diabetes induced-Alzheimer's disease-like alterations in high-fat diet-fed mice via reactivation of blunted insulin signalling. <i>Neuropharmacology</i> , 2017, 113, 467-479.	2.0	69
36	Neuroprotection of Heat Shock Proteins (HSPs) in Brain Ischemia. <i>Translational Medicine Research</i> , 2017, , 383-395.	0.0	1

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37	M2 Phenotype Microglia-derived Cytokine Stimulates Proliferation and Neuronal Differentiation of Endogenous Stem Cells in Ischemic Brain. <i>Experimental Neurobiology</i> , 2017, 26, 33-41.	0.7	59
38	Endogenous Agmatine Induced by Ischemic Preconditioning Regulates Ischemic Tolerance Following Cerebral Ischemia. <i>Experimental Neurobiology</i> , 2017, 26, 380-389.	0.7	10
39	Agmatine Modulates the Phenotype of Macrophage Acute Phase after Spinal Cord Injury in Rats. <i>Experimental Neurobiology</i> , 2017, 26, 278-286.	0.7	12
40	NOX Inhibitors - A Promising Avenue for Ischemic Stroke. <i>Experimental Neurobiology</i> , 2017, 26, 195-205.	0.7	40
41	Optimizing reproducibility of operant testing through reinforcer standardization: identification of key nutritional constituents determining reward strength in touchscreens. <i>Molecular Brain</i> , 2017, 10, 31.	1.3	23
42	Metabolism-Centric Overview of the Pathogenesis of Alzheimer's Disease. <i>Yonsei Medical Journal</i> , 2017, 58, 479.	0.9	94
43	Agmatine Ameliorates High Glucose-Induced Neuronal Cell Senescence by Regulating the p21 and p53 Signaling. <i>Experimental Neurobiology</i> , 2016, 25, 24-32.	0.7	21
44	Blockade of Apoptosis Signal-Regulating Kinase 1 Attenuates Matrix Metalloproteinase 9 Activity in Brain Endothelial Cells and the Subsequent Apoptosis in Neurons after Ischemic Injury. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 213.	1.8	23
45	Suppression of MicroRNA <i>let-7a</i> Expression by Agmatine Regulates Neural Stem Cell Differentiation. <i>Yonsei Medical Journal</i> , 2016, 57, 1461.	0.9	9
46	Inflammation after Ischemic Stroke: The Role of Leukocytes and Glial Cells. <i>Experimental Neurobiology</i> , 2016, 25, 241-251.	0.7	224
47	Environmental enrichment enhances synaptic plasticity by internalization of striatal dopamine transporters. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 2122-2133.	2.4	31
48	Transfection of arginine decarboxylase gene increases the neuronal differentiation of neural progenitor cells. <i>Stem Cell Research</i> , 2016, 17, 256-265.	0.3	10
49	70-kDa Heat Shock Protein Downregulates Dynamin in Experimental Stroke. <i>Stroke</i> , 2016, 47, 2103-2111.	1.0	32
50	Blunted response of hippocampal AMPK associated with reduced neurogenesis in older versus younger mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 71, 57-65.	2.5	12
51	The Anti-inflammatory Effects of Agmatine on Transient Focal Cerebral Ischemia in Diabetic Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 203-213.	0.6	18
52	miR-Let7A Modulates Autophagy Induction in LPS-Activated Microglia. <i>Experimental Neurobiology</i> , 2015, 24, 117-125.	0.7	27
53	Dehydroascorbic Acid Attenuates Ischemic Brain Edema and Neurotoxicity in Cerebral Ischemia: An <i>in vivo</i> Study. <i>Experimental Neurobiology</i> , 2015, 24, 41-54.	0.7	21
54	miR-155 is involved in Alzheimer's disease by regulating T lymphocyte function. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 61.	1.7	69

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55	ASK1 modulates the expression of microRNA Let7A in microglia under high glucose in vitro condition. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 198.	1.8	24
56	Permeability Parameters Measured with Dynamic Contrast-Enhanced MRI: Correlation with the Extravasation of Evans Blue in a Rat Model of Transient Cerebral Ischemia. <i>Korean Journal of Radiology</i> , 2015, 16, 791.	1.5	6
57	Agmatine Attenuates Brain Edema and Apoptotic Cell Death after Traumatic Brain Injury. <i>Journal of Korean Medical Science</i> , 2015, 30, 943.	1.1	23
58	The Protective Effect of Melatonin on Neural Stem Cell against LPS-Induced Inflammation. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	52
59	PKA Inhibitor H89 (N-[2-p-bromocinnamylamino-ethyl]-5-isoquinolinesulfonamide) Attenuates Synaptic Dysfunction and Neuronal Cell Death following Ischemic Injury. <i>Neural Plasticity</i> , 2015, 2015, 1-13.	1.0	23
60	Glutathione Suppresses Cerebral Infarct Volume and Cell Death after Ischemic Injury: Involvement of FOXO3 Inactivation and Bcl2 Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	49
61	The role of orexin in post-stroke inflammation, cognitive decline, and depression. <i>Molecular Brain</i> , 2015, 8, 16.	1.3	27
62	Impairment of insulin receptor substrate 1 signaling by insulin resistance inhibits neurite outgrowth and aggravates neuronal cell death. <i>Neuroscience</i> , 2015, 301, 26-38.	1.1	11
63	Let7a involves in neural stem cell differentiation relating with TLX level. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 396-401.	1.0	17
64	The effect of ASK1 on vascular permeability and edema formation in cerebral ischemia. <i>Brain Research</i> , 2015, 1595, 143-155.	1.1	13
65	MicroRNA-Let-7a regulates the function of microglia in inflammation. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 167-176.	1.0	77
66	Adiponectin receptor-mediated signaling ameliorates cerebral cell damage and regulates the neurogenesis of neural stem cells at high glucose concentrations: an in vivo and in vitro study. <i>Cell Death and Disease</i> , 2015, 6, e1844-e1844.	2.7	40
67	Regulation of inflammatory transcription factors by heat shock protein 70 in primary cultured astrocytes exposed to oxygen-glucose deprivation. <i>Neuroscience</i> , 2015, 286, 272-280.	1.1	26
68	Restorative benefits of transplanting human mesenchymal stromal cells overexpressing arginine decarboxylase genes after spinal cord injury. <i>Cytotherapy</i> , 2015, 17, 25-37.	0.3	18
69	Effects of Agmatine on Blood-Brain Barrier Stabilization Assessed by Permeability MRI in a Rat Model of Transient Cerebral Ischemia. <i>American Journal of Neuroradiology</i> , 2015, 36, 283-288.	1.2	15
70	The Beneficial Effect of Melatonin in Brain Endothelial Cells against Oxygen-Glucose Deprivation Followed by Reperfusion-Induced Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-14.	1.9	40
71	Resveratrol Induces the Expression of Interleukin-10 and Brain-Derived Neurotrophic Factor in BV2 Microglia under Hypoxia. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15512-15529.	1.8	60
72	Agmatine Improves Cognitive Dysfunction and Prevents Cell Death in a Streptozotocin-Induced Alzheimer Rat Model. <i>Yonsei Medical Journal</i> , 2014, 55, 689.	0.9	72

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73	Glutathione Protects Brain Endothelial Cells from Hydrogen Peroxide-Induced Oxidative Stress by Increasing Nrf2 Expression. <i>Experimental Neurobiology</i> , 2014, 23, 93-103.	0.7	69
74	The Role and Regulatory Mechanism of 14-3-3 Sigma in Human Breast Cancer. <i>Journal of Breast Cancer</i> , 2014, 17, 207.	0.8	25
75	Association between Risk Factors for Vascular Dementia and Adiponectin. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	38
76	Receptor for Advanced Glycation End Products (RAGE) and Its Ligands: Focus on Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2014, 15, 13172-13191.	1.8	9
77	Combination of a peroxisome proliferator-activated receptor-gamma agonist and an angiotensin II receptor blocker attenuates myocardial fibrosis and dysfunction in type 2 diabetic rats. <i>Journal of Diabetes Investigation</i> , 2014, 5, 362-371.	1.1	16
78	Time-dependent effect of combination therapy with erythropoietin and granulocyte colony-stimulating factor in a mouse model of hypoxic-ischemic brain injury. <i>Neuroscience Bulletin</i> , 2014, 30, 107-117.	1.5	10
79	Apoptosis Signal Regulating Kinase 1 (ASK1): Potential as a Therapeutic Target for Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2119-2129.	1.8	63
80	Retroviral expression of human arginine decarboxylase reduces oxidative stress injury in mouse cortical astrocytes. <i>BMC Neuroscience</i> , 2014, 15, 99.	0.8	15
81	Modulation of Stem Cell Differentiation by the Influence of Nanobiomaterials/ Carriers. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 458-468.	0.6	12
82	The 70 kDa heat shock protein protects against experimental traumatic brain injury. <i>Neurobiology of Disease</i> , 2013, 58, 289-295.	2.1	56
83	Apoptosis signal-regulating kinase-1 aggravates ROS-mediated striatal degeneration in 3-nitropropionic acid-infused mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 280-285.	1.0	12
84	Effect of Propofol Post-treatment on Blood-Brain Barrier Integrity and Cerebral Edema After Transient Cerebral Ischemia in Rats. <i>Neurochemical Research</i> , 2013, 38, 2276-2286.	1.6	39
85	Agmatine promotes the migration of murine brain endothelial cells via multiple signaling pathways. <i>Life Sciences</i> , 2013, 92, 42-50.	2.0	15
86	Cerebroprotective effects of red ginseng extract pretreatment against ischemia-induced oxidative stress and apoptosis. <i>International Journal of Neuroscience</i> , 2013, 123, 269-277.	0.8	16
87	Agmatine: clinical applications after 100 years in translation. <i>Drug Discovery Today</i> , 2013, 18, 880-893.	3.2	207
88	Apoptosis signal-regulating kinase 1 (ASK1) is linked to neural stem cell differentiation after ischemic brain injury. <i>Experimental and Molecular Medicine</i> , 2013, 45, e69-e69.	3.2	27
89	Chaperone-like Activity of High-Mobility Group Box 1 Protein and Its Role in Reducing the Formation of Polyglutamine Aggregates. <i>Journal of Immunology</i> , 2013, 190, 1797-1806.	0.4	45
90	Environmental Enrichment Synergistically Improves Functional Recovery by Transplanted Adipose Stem Cells in Chronic Hypoxic-Ischemic Brain Injury. <i>Cell Transplantation</i> , 2013, 22, 1553-1568.	1.2	17

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91	TRPV1 Activation in Primary Cortical Neurons Induces Calcium-Dependent Programmed Cell Death. <i>Experimental Neurobiology</i> , 2013, 22, 51-57.	0.7	24
92	The Effect of Agmatine on Expression of IL-1 β and TLX Which Promotes Neuronal Differentiation in Lipopolysaccharide-Treated Neural Progenitors. <i>Experimental Neurobiology</i> , 2013, 22, 268-276.	0.7	7
93	Overexpression of Human Arginine Decarboxylase Rescues Human Mesenchymal Stem Cells against H ₂ O ₂ Toxicity through Cell Survival Protein Activation. <i>Journal of Korean Medical Science</i> , 2013, 28, 366.	1.1	14
94	Adiponectin as a new paradigm for approaching Alzheimer's disease. <i>Anatomy and Cell Biology</i> , 2013, 46, 229.	0.5	40
95	Biocompatibility of carbon nanotubes with stem cells to treat CNS injuries. <i>Anatomy and Cell Biology</i> , 2013, 46, 85.	0.5	37
96	The Multifaceted Effects of Agmatine on Functional Recovery after Spinal Cord Injury through Modulations of BMP-2/4/7 Expressions in Neurons and Glial Cells. <i>PLoS ONE</i> , 2013, 8, e53911.	1.1	33
97	Anti-inflammatory, antinociceptive and anti-angiogenic activities of a phospholipid mixture purified from porcine lung tissues. <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 398-407.	1.1	5
98	The Neuroprotective Effect of Agmatine After Focal Cerebral Ischemia in Diabetic Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 39-50.	0.6	23
99	KLF10, transforming growth factor- β -inducible early gene 1, acts as a tumor suppressor. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 388-394.	1.0	37
100	Protective effects of agmatine on lipopolysaccharide-injured microglia and inducible nitric oxide synthase activity. <i>Life Sciences</i> , 2012, 91, 1345-1350.	2.0	43
101	Stem Cells and Stress Injury: Role of Arginine Decarboxylase. <i>Stem Cells and Cancer Stem Cells</i> , 2012, , 195-202.	0.1	0
102	Carbon nanotubes impregnated with subventricular zone neural progenitor cells promotes recovery from stroke. <i>International Journal of Nanomedicine</i> , 2012, 7, 2751.	3.3	36
103	Enhancement of anti-inflammatory and antinociceptive actions of red ginseng extract by fermentation. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 756-762.	1.2	27
104	Agmatine enhances neurogenesis by increasing ERK1/2 expression, and suppresses astrogenesis by decreasing BMP 2,4 and SMAD 1,5,8 expression in subventricular zone neural stem cells. <i>Life Sciences</i> , 2011, 89, 439-449.	2.0	30
105	Agmatine-Reduced Collagen Scar Area Accompanied With Surface Righting Reflex Recovery After Complete Transection Spinal Cord Injury. <i>Spine</i> , 2011, 36, 2130-2138.	1.0	17
106	Transgenic overexpression of p23 induces spontaneous hydronephrosis in mice. <i>International Journal of Experimental Pathology</i> , 2011, 92, 251-259.	0.6	8
107	Effects of constraint-induced movement therapy on neurogenesis and functional recovery after early hypoxic-ischemic injury in mice. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 327-333.	1.1	22
108	Effects of agmatine on hypoxic microglia and activity of nitric oxide synthase. <i>Brain Research</i> , 2011, 1373, 48-54.	1.1	38

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109	Three-dimensional surface models of detailed lumbosacral structures reconstructed from the Visible Korean. <i>Annals of Anatomy</i> , 2011, 193, 64-70.	1.0	24
110	Retroviral Expression of Arginine Decarboxylase Attenuates Oxidative Burden in Mouse Cortical Neural Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 527-537.	1.1	31
111	Endogenous Agmatine Inhibits Cerebral Vascular Matrix Metalloproteinases Expression by Regulating Activating Transcription Factor 3 and Endothelial Nitric Oxide Synthesis. <i>Current Neurovascular Research</i> , 2010, 7, 201-212.	0.4	26
112	Characterization, in vitro cytotoxicity assessment, and in vivo visualization of multimodal, RITC-labeled, silica-coated magnetic nanoparticles for labeling human cord blood-derived mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 263-276.	1.7	76
113	Recombinant hexahistidine arginine decarboxylase (hisADC) induced endogenous agmatine synthesis during stress. <i>Molecular and Cellular Biochemistry</i> , 2010, 345, 53-60.	1.4	13
114	Agmatine Attenuates Brain Edema through Reducing the Expression of Aquaporin-1 after Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 943-949.	2.4	57
115	Recovered changes in the spleen by agmatine treatment after transient cerebral ischemia. <i>Anatomy and Cell Biology</i> , 2010, 43, 44.	0.5	18
116	Regulation of endothelial nitric oxide synthase by agmatine after transient global cerebral ischemia in rat brain. <i>Anatomy and Cell Biology</i> , 2010, 43, 230.	0.5	56
117	Soybeans Ameliorate Diabetic Nephropathy in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2010, 7, 433-440.	0.5	13
118	Adsorption of mesenchymal stem cells and cortical neural stem cells on carbon nanotube/polycarbonate urethane. <i>Nanomedicine</i> , 2010, 5, 409-417.	1.7	21
119	Ex Vivo VEGF Delivery by Neural Stem Cells Enhances Proliferation of Glial Progenitors, Angiogenesis, and Tissue Sparing after Spinal Cord Injury. <i>PLoS ONE</i> , 2009, 4, e4987.	1.1	93
120	Neuroprotective effects of agmatine on oxygen-glucose deprived primary-cultured astrocytes and nuclear translocation of nuclear factor-kappa B. <i>Brain Research</i> , 2009, 1281, 64-70.	1.1	51
121	Decreased macrophage density on carbon nanotube patterns on polycarbonate urethane. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 419-426.	2.1	40
122	Effects of PDMS curing ratio and 3D micro-pyramid structure on the formation of an in vitro neural network. <i>Current Applied Physics</i> , 2009, 9, e294-e297.	1.1	7
123	Agmatine protects cultured retinal ganglion cells from tumor necrosis factor-alpha-induced apoptosis. <i>Life Sciences</i> , 2009, 84, 28-32.	2.0	58
124	The role of nerve growth factor in hyperosmolar stress induced apoptosis. <i>Journal of Cellular Physiology</i> , 2008, 216, 69-77.	2.0	23
125	Anti-Inflammatory Effects of the 70 kDa Heat Shock Protein in Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 53-63.	2.4	210
126	FasL shedding is reduced by hypothermia in experimental stroke. <i>Journal of Neurochemistry</i> , 2008, 106, 541-550.	2.1	55

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127	Striatal-enriched protein tyrosine phosphatase regulates dopaminergic neuronal development via extracellular signal-regulated kinase signaling. <i>Experimental Neurology</i> , 2008, 214, 69-77.	2.0	17
128	Role of microglial IKK β in kainic acid-induced hippocampal neuronal cell death. <i>Brain</i> , 2008, 131, 3019-3033.	3.7	149
129	Neurally induced umbilical cord blood cells modestly repair injured spinal cords. <i>NeuroReport</i> , 2008, 19, 1259-1263.	0.6	32
130	Chronic Tibiofibular Syndesmosis Injury of Ankle: Evaluation with Contrast-enhanced Fat-suppressed 3D Fast Spoiled Gradient-recalled Acquisition in the Steady State MR Imaging. <i>Radiology</i> , 2007, 242, 225-235.	3.6	44
131	Agmatine inhibits matrix metalloproteinase-9 via endothelial nitric oxide synthase in cerebral endothelial cells. <i>Neurological Research</i> , 2007, 29, 749-754.	0.6	37
132	MSX1 Polymorphism Associated with Risk of Oral Cleft in Korea: Evidence from Case-Parent Trio and Case-Control Studies. <i>Yonsei Medical Journal</i> , 2007, 48, 101.	0.9	15
133	Constitutive RelA activation mediated by Nkx3.2 controls chondrocyte viability. <i>Nature Cell Biology</i> , 2007, 9, 287-298.	4.6	45
134	Recombinant human prothrombin kringle-2 inhibits B16F10 melanoma metastasis through inhibition of neovascularization and reduction of matrix metalloproteinase expression. <i>Clinical and Experimental Metastasis</i> , 2007, 23, 391-399.	1.7	5
135	Induced Expression of Insulin-like Growth Factor-1 by Amniotic Membrane-Conditioned Medium in Cultured Human Corneal Epithelial Cells. , 2006, 47, 864.		15
136	Stem Cell Impregnated Carbon Nanofibers/Nanotubes for Healing Damaged Neural Tissue. <i>Materials Research Society Symposia Proceedings</i> , 2006, 915, 1.	0.1	5
137	Decreased Macrophage Density on Carbon Nanofiber Patterns. <i>Materials Research Society Symposia Proceedings</i> , 2006, 950, 1.	0.1	1
138	The Dopamine D2 Receptor Regulates the Development of Dopaminergic Neurons via Extracellular Signal-Regulated Kinase and Nurr1 Activation. <i>Journal of Neuroscience</i> , 2006, 26, 4567-4576.	1.7	93
139	Reduction in levels of matrix metalloproteinases and increased expression of tissue inhibitor of metalloproteinase-2 in response to mild hypothermia therapy in experimental stroke. <i>Journal of Neurosurgery</i> , 2005, 103, 289-297.	0.9	80
140	Activation of monoamine oxidase isotypes by prolonged intake of aluminum in rat brain. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2088-2091.	1.5	11
141	Antiapoptotic and Anti-inflammatory Mechanisms of Heat-Shock Protein Protection. <i>Annals of the New York Academy of Sciences</i> , 2005, 1053, 74-83.	1.8	85
142	Antiapoptotic and Anti-inflammatory Mechanisms of Heat-Shock Protein Protection. <i>Annals of the New York Academy of Sciences</i> , 2005, 1053, 74-83.	1.8	237
143	Mild hypothermia inhibits Fas expression and caspase-8 activation following experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S486-S486.	2.4	0
144	HSP70 protects against experimental stroke through the inhibition of postischemic inflammatory reaction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S96-S96.	2.4	0

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145	The Impact of Apolipoprotein A-I Polymorphisms on the Lipid Profiles in Middle Aged Healthy Men and Women. <i>Sunhwan'gi</i> , 2004, 34, 1158.	0.3	1
146	Opposed regulation of aluminum-induced apoptosis by glial cell line-derived neurotrophic factor and brain-derived neurotrophic factor in rat brains. <i>Molecular Brain Research</i> , 2004, 127, 146-149.	2.5	17
147	The 70kDa heat shock protein suppresses matrix metalloproteinases in astrocytes. <i>NeuroReport</i> , 2004, 15, 499-502.	0.6	36
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