Haeyoung Suh-Kim

List of Publications by Year
in descending order

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63 papers	2,130 citations	218677 26 h-index	254184 43 g-index
64 all docs	64 docs citations	64 times ranked	3673 citing authors

#	Article	IF	Citations
1	Mesenchymal stem cells promote proliferation of endogenous neural stem cells and survival of newborn cells in a rat stroke model. Experimental and Molecular Medicine, 2008, 40, 387.	7.7	145
2	Immune following suppression mesenchymal stem cell transplantation in the ischemic brain is mediated by TGF-Î². Neurobiology of Disease, 2013, 58, 249-257.	4.4	111
3	Expression of neuroD/BETA2 in mitotic and postmitotic neuronal cells during the development of nervous system. , 2000, 217, 361-367.		100
4	Effects of estrogen on lifespan and motor functions in female hSOD1 G93A transgenic mice. Journal of the Neurological Sciences, 2008, 268, 40-47.	0.6	91
5	Hepatocyte growth factor reduces astrocytic scar formation and promotes axonal growth beyond glial scars after spinal cord injury. Experimental Neurology, 2012, 233, 312-322.	4.1	89
6	Neural Induction with Neurogenin1 Increases the Therapeutic Effects of Mesenchymal Stem Cells in the Ischemic Brain. Stem Cells, 2008, 26, 2217-2228.	3.2	88
7	Transplantation of human neural stem cells transduced with Olig2 transcription factor improves locomotor recovery and enhances myelination in the white matter of rat spinal cord following contusive injury. BMC Neuroscience, 2009, 10, 117.	1.9	85
8	Therapeutic effect of hepatocyte growth factor-secreting mesenchymal stem cells in a rat model of liver fibrosis. Experimental and Molecular Medicine, 2014, 46, e110-e110.	7.7	80
9	The growth of brain tumors can be suppressed by multiple transplantation of mesenchymal stem cells expressing cytosine deaminase. International Journal of Cancer, 2010, 127, 1975-1983.	5.1	67
10	Id Proteins Facilitate Self-Renewal and Proliferation of Neural Stem Cells. Stem Cells and Development, 2010, 19, 831-841.	2.1	67
11	Immunohistochemical study of central neurocytoma, subependymoma, and subependymal giant cell astrocytoma. Journal of Neuro-Oncology, 2005, 74, 1-8.	2.9	64
12	cAMP induces neuronal differentiation of mesenchymal stem cells via activation of extracellular signal-regulated kinase/MAPK. NeuroReport, 2005, 16, 1357-1361.	1.2	61
13	Differential actions of the proneural genes encoding Mash1 and neurogenins in Nurr1-induced dopamine neuron differentiation. Journal of Cell Science, 2006, 119, 2310-2320.	2.0	58
14	Differential Regulation of Proliferation and Differentiation in Neural Precursor Cells by the Jak Pathway Â. Stem Cells, 2010, 28, 1816-1828.	3.2	56
15	Neurite Outgrowth Induced by Cyclic AMP Can Be Modulated by the Î± Subunit of Go. Journal of Neurochemistry, 2001, 74, 151-158.	3.9	53
16	miRNA-30a-5p-mediated silencing of Beta2/NeuroD expression is an important initial event of glucotoxicity-induced beta cell dysfunction in rodent models. Diabetologia, 2013, 56, 847-855.	6.3	48
17	Mash1 and Neurogenin 2 Enhance Survival and Differentiation of Neural Precursor Cells After Transplantation to Rat Brains via Distinct Modes of Action. Molecular Therapy, 2008, 16, 1873-1882.	8.2	44
18	Transactivation of the Mouse Sulfonylurea Receptor I Gene by BETA2/NeuroD. Molecular Endocrinology, 2002, 16, 1097-1107.	3.7	43

#	Article	IF	Citations
19	Proneural bHLH neurogenin 2 differentially regulates Nurr1â€induced dopamine neuron differentiation in rat and mouse neural precursor cells in vitro. FEBS Letters, 2008, 582, 537-542.	2.8	43
20	The Degeneration of Meniscus Roots Is Accompanied by Fibrocartilage Formation, Which May Precede Meniscus Root Tears in Osteoarthritic Knees. American Journal of Sports Medicine, 2015, 43, 3034-3044.	4.2	39
21	Human mesenchymal stem cell transplantation promotes functional recovery following acute spinal cord injury in rats. Acta Neurobiologiae Experimentalis, 2007, 67, 13-22.	0.7	37
22	Neural Induction with Neurogenin 1 Enhances the Therapeutic Potential of Mesenchymal Stem Cells in an Amyotrophic Lateral Sclerosis Mouse Model. Cell Transplantation, 2013, 22, 855-870.	2.5	33
23	Overexpression of BETA2/NeuroD induces neurite outgrowth in F11 neuroblastoma cells. Journal of Neurochemistry, 2001, 77, 103-109.	3.9	32
24	Neurogenin1 Is Sufficient to Induce Neuronal Differentiation of Embryonal Carcinoma P19 Cells in the Absence of Retinoic Acid. Cellular and Molecular Neurobiology, 2004, 24, 343-356.	3.3	31
25	A Method for Generate a Mouse Model of Stroke: Evaluation of Parameters for Blood Flow, Behavior, and Survival. Experimental Neurobiology, 2014, 23, 104-114.	1.6	31
26	Migratory defect of mesencephalic dopaminergic neurons in developingreelermice. Anatomy and Cell Biology, 2010, 43, 241.	1.0	30
27	Differential expression of cell surface proteins in human bone marrow mesenchymal stem cells cultured with or without basic fibroblast growth factor containing medium. Proteomics, 2009, 9, 4389-4405.	2.2	29
28	Generation of Dopamine Neurons from Rodent Fibroblasts through the Expandable Neural Precursor Cell Stage. Journal of Biological Chemistry, 2015, 290, 17401-17414.	3.4	29
29	Inhibition of BETA2/NeuroD by Id2. Experimental and Molecular Medicine, 2002, 34, 367-373.	7.7	28
30	Dihydropyrimidine Dehydrogenase Is a Prognostic Marker for Mesenchymal Stem Cell-Mediated Cytosine Deaminase Gene and 5-Fluorocytosine Prodrug Therapy for the Treatment of Recurrent Gliomas. Theranostics, 2016, 6, 1477-1490.	10.0	27
31	Overexpression of neurogenin1 induces neurite outgrowth in F11 neuroblastoma cells. Experimental and Molecular Medicine, 2002, 34, 469-475.	7.7	25
32	Differential and cooperative actions of Olig1 and Olig2 transcription factors on immature proliferating cells after contusive spinal cord injury. Glia, 2011, 59, 1094-1106.	4.9	23
33	Simultaneous deletion of floxed genes mediated by CaMKIIÎ±-Cre in the brain and in male germ cells: application to conditional and conventional disruption of GoÎ±. Experimental and Molecular Medicine, 2014, 46, e93-e93.	7.7	23
34	Development of the main olfactory system and main olfactory epithelium-dependent male mating behavior are altered in G _o -deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10974-10979.	7.1	22
35	Compartmentalization of protein kinase A signaling by the heterotrimeric G protein Go. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19158-19163.	7.1	21
36	Forskolin promotes astroglial differentiation of human central neurocytoma cells. Experimental and Molecular Medicine, 2004, 36, 52-56.	7.7	20

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37	Expression of Disabled 1 suppresses astroglial differentiation in neural stem cells. Molecular and Cellular Neurosciences, 2009, 40, 50-61.	2.2	20
38	Deregulation of CREB Signaling Pathway Induced by Chronic Hyperglycemia Downregulates NeuroD Transcription. PLoS ONE, 2012, 7, e34860.	2.5	20
39	Effects of Human Mesenchymal Stem Cell Transplantation Combined with Polymer on Functional Recovery Following Spinal Cord Hemisection in Rats. Korean Journal of Physiology and Pharmacology, 2012, 16, 405.	1.2	20
40	Spatiotemporal Protein Atlas of Cell Death-Related Molecules in the Rat MCAO Stroke Model. Experimental Neurobiology, 2018, 27, 287-298.	1.6	18
41	Retrovirus-mediated transduction of a cytosine deaminase gene preserves the stemness of mesenchymal stem cells. Experimental and Molecular Medicine, 2013, 45, e10-e10.	7.7	15
42	Characterization of developmental defects in the forebrain resulting from hyperactivated mTOR signaling by integrative analysis of transcriptomic and proteomic data. Scientific Reports, 2017, 7, 2826.	3.3	15
43	Overexpression of BETA2/NeuroD induces neurite outgrowth in F11 neuroblastoma cells. Journal of Neurochemistry, 2008, 77, 103-109.	3.9	14
44	The alpha subunit of Go interacts with promyelocytic leukemia zinc finger protein and modulates its functions. Cellular Signalling, 2008, 20, 884-891.	3.6	14
45	Suppression of Peroxisome Proliferator-Activated Receptor Î³-Coactivator-1Î± Normalizes the Glucolipotoxicity-Induced Decreased BETA2/NeuroD Gene Transcription and Improved Glucose Tolerance in Diabetic Rats. Endocrinology, 2009, 150, 4074-4083.	2.8	14
46	Neurogenin-1 Overexpression Increases the Therapeutic Effects of Mesenchymal Stem Cells through Enhanced Engraftment in an Ischemic Rat Brain. International Journal of Stem Cells, 2020, 13, 127-141.	1.8	13
47	CXCR4-STAT3 Axis Plays a Role in Tumor Cell Infiltration in an Orthotopic Mouse Glioblastoma Model. Molecules and Cells, 2020, 43, 539-550.	2.6	12
48	Deletion of the Î± subunit of the heterotrimeric Go protein impairs cerebellar cortical development in mice. Molecular Brain, 2019, 12, 57.	2.6	11
49	Differentially co-expressed interacting protein pairs discriminate samples under distinct stages of HIV type 1 infection. BMC Systems Biology, 2011, 5, S1.	3.0	9
50	Effects of Adenoviral Gene Transduction on the Stemness of Human Bone Marrow Mesenchymal Stem Cells. Molecules and Cells, 2017, 40, 598-605.	2.6	9
51	ERK Regulates NeuroD1-mediated Neurite Outgrowth via Proteasomal Degradation. Experimental Neurobiology, 2020, 29, 189-206.	1.6	9
52	Comparison of MSC-Neurogenin1 administration modality in MCAO rat model. Translational Neuroscience, 2016, 7, 164-172.	1.4	8
53	Three-dimensional assessment of bystander effects of mesenchymal stem cells carrying a cytosine deaminase gene on glioma cells. American Journal of Cancer Research, 2015, 5, 2686-96.	1.4	8
54	Transcriptional mechanism of suppression of insulin gene expression by AMP-activated protein kinase activator 5-amino-4-imidazolecarboxamide riboside (AICAR) in Î²-cells. Biochemical and Biophysical Research Communications, 2008, 365, 614-620.	2.1	6

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55	Nonspecific association of 2',3'-cyclic nucleotide 3'-phosphodiesterase with the rat forebrain postsynaptic density fraction. Experimental and Molecular Medicine, 2003, 35, 486-493.	7.7	4
56	AKT-independent Reelin signaling requires interactions ofÂheterotrimeric Go and Src. Biochemical and Biophysical Research Communications, 2015, 467, 1063-1069.	2.1	4
57	Improving the Safety of Mesenchymal Stem Cell-Based Ex Vivo Therapy Using Herpes Simplex Virus Thymidine Kinase. Molecules and Cells, 2022, 45, 479-494.	2.6	4
58	Modulation of the N-type calcium channel gene expression by the Î± subunit of Go. Molecular Brain Research, 2003, 112, 95-102.	2.3	3
59	Differential regulation of tyrosine hydroxylase expression by sonic hedgehog. NeuroReport, 2006, 17, 693-698.	1.2	3
60	Combined effects of mesenchymal stem cells carrying cytosine deaminase gene with 5-fluorocytosine and temozolomide in orthotopic glioma model. American Journal of Cancer Research, 2020, 10, 1429-1441.	1.4	3
61	Honokiol Regulates Phosphorylation of Tau via Inhibition of GSK3Î². FASEB Journal, 2010, 24, 640.1.	0.5	1
62	Cell Type-specific Knockout with Gli1-mediated Cre Recombination in the Developing Cerebellum. Experimental Neurobiology, 2021, 30, 203-212.	1.6	0
63	Go/i Signaling is Involved in Facilitation of Neurite Outgrowth by Reelin. FASEB Journal, 2010, 24, 639.2.	0.5	0