

# 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	Improving the Safety of Mesenchymal Stem Cell-Based Ex Vivo Therapy Using Herpes Simplex Virus Thymidine Kinase. <i>Molecules and Cells</i> , 2022, 45, 479-494.	2.6	4
2	Cell Type-specific Knockout with Gli1-mediated Cre Recombination in the Developing Cerebellum. <i>Experimental Neurobiology</i> , 2021, 30, 203-212.	1.6	0
3	CXCR4-STAT3 Axis Plays a Role in Tumor Cell Infiltration in an Orthotopic Mouse Glioblastoma Model. <i>Molecules and Cells</i> , 2020, 43, 539-550.	2.6	12
4	Neurogenin-1 Overexpression Increases the Therapeutic Effects of Mesenchymal Stem Cells through Enhanced Engraftment in an Ischemic Rat Brain. <i>International Journal of Stem Cells</i> , 2020, 13, 127-141.	1.8	13
5	ERK Regulates NeuroD1-mediated Neurite Outgrowth via Proteasomal Degradation. <i>Experimental Neurobiology</i> , 2020, 29, 189-206.	1.6	9
6	Combined effects of mesenchymal stem cells carrying cytosine deaminase gene with 5-fluorocytosine and temozolomide in orthotopic glioma model. <i>American Journal of Cancer Research</i> , 2020, 10, 1429-1441.	1.4	3
7	Deletion of the $\beta$ subunit of the heterotrimeric Go protein impairs cerebellar cortical development in mice. <i>Molecular Brain</i> , 2019, 12, 57.	2.6	11
8	Spatiotemporal Protein Atlas of Cell Death-Related Molecules in the Rat MCAO Stroke Model. <i>Experimental Neurobiology</i> , 2018, 27, 287-298.	1.6	18
9	Characterization of developmental defects in the forebrain resulting from hyperactivated mTOR signaling by integrative analysis of transcriptomic and proteomic data. <i>Scientific Reports</i> , 2017, 7, 2826.	3.3	15
10	Effects of Adenoviral Gene Transduction on the Stemness of Human Bone Marrow Mesenchymal Stem Cells. <i>Molecules and Cells</i> , 2017, 40, 598-605.	2.6	9
11	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. <i>Theranostics</i> , 2016, 6, 1477-1490.	10.0	27
12	Comparison of MSC-Neurogenin1 administration modality in MCAO rat model. <i>Translational Neuroscience</i> , 2016, 7, 164-172.	1.4	8
13	Development of the main olfactory system and main olfactory epithelium-dependent male mating behavior are altered in G $\alpha$ -deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10974-10979.	7.1	22
14	Generation of Dopamine Neurons from Rodent Fibroblasts through the Expandable Neural Precursor Cell Stage. <i>Journal of Biological Chemistry</i> , 2015, 290, 17401-17414.	3.4	29
15	The Degeneration of Meniscus Roots Is Accompanied by Fibrocartilage Formation, Which May Precede Meniscus Root Tears in Osteoarthritic Knees. <i>American Journal of Sports Medicine</i> , 2015, 43, 3034-3044.	4.2	39
16	AKT-independent Reelin signaling requires interactions of heterotrimeric Go and Src. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 1063-1069.	2.1	4
17	Three-dimensional assessment of bystander effects of mesenchymal stem cells carrying a cytosine deaminase gene on glioma cells. <i>American Journal of Cancer Research</i> , 2015, 5, 2686-96.	1.4	8
18	A Method for Generate a Mouse Model of Stroke: Evaluation of Parameters for Blood Flow, Behavior, and Survival. <i>Experimental Neurobiology</i> , 2014, 23, 104-114.	1.6	31

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19	Simultaneous deletion of floxed genes mediated by CaMKII $\alpha$ -Cre in the brain and in male germ cells: application to conditional and conventional disruption of <i>Go1</i> . <i>Experimental and Molecular Medicine</i> , 2014, 46, e93-e93.	7.7	23
20	Therapeutic effect of hepatocyte growth factor-secreting mesenchymal stem cells in a rat model of liver fibrosis. <i>Experimental and Molecular Medicine</i> , 2014, 46, e110-e110.	7.7	80
21	miRNA-30a-5p-mediated silencing of Beta2/NeuroD expression is an important initial event of glucotoxicity-induced beta cell dysfunction in rodent models. <i>Diabetologia</i> , 2013, 56, 847-855.	6.3	48
22	Immune following suppression mesenchymal stem cell transplantation in the ischemic brain is mediated by TGF- $\beta$ 2. <i>Neurobiology of Disease</i> , 2013, 58, 249-257.	4.4	111
23	Retrovirus-mediated transduction of a cytosine deaminase gene preserves the stemness of mesenchymal stem cells. <i>Experimental and Molecular Medicine</i> , 2013, 45, e10-e10.	7.7	15
24	Neural Induction with Neurogenin 1 Enhances the Therapeutic Potential of Mesenchymal Stem Cells in an Amyotrophic Lateral Sclerosis Mouse Model. <i>Cell Transplantation</i> , 2013, 22, 855-870.	2.5	33
25	Deregulation of CREB Signaling Pathway Induced by Chronic Hyperglycemia Downregulates NeuroD Transcription. <i>PLoS ONE</i> , 2012, 7, e34860.	2.5	20
26	Effects of Human Mesenchymal Stem Cell Transplantation Combined with Polymer on Functional Recovery Following Spinal Cord Hemisection in Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2012, 16, 405.	1.2	20
27	Hepatocyte growth factor reduces astrocytic scar formation and promotes axonal growth beyond glial scars after spinal cord injury. <i>Experimental Neurology</i> , 2012, 233, 312-322.	4.1	89
28	Differential and cooperative actions of Olig1 and Olig2 transcription factors on immature proliferating cells after contusive spinal cord injury. <i>Glia</i> , 2011, 59, 1094-1106.	4.9	23
29	Differentially co-expressed interacting protein pairs discriminate samples under distinct stages of HIV type 1 infection. <i>BMC Systems Biology</i> , 2011, 5, S1.	3.0	9
30	The growth of brain tumors can be suppressed by multiple transplantation of mesenchymal stem cells expressing cytosine deaminase. <i>International Journal of Cancer</i> , 2010, 127, 1975-1983.	5.1	67
31	Differential Regulation of Proliferation and Differentiation in Neural Precursor Cells by the Jak Pathway A. <i>Stem Cells</i> , 2010, 28, 1816-1828.	3.2	56
32	Migratory defect of mesencephalic dopaminergic neurons in developing <i>reeler</i> mice. <i>Anatomy and Cell Biology</i> , 2010, 43, 241.	1.0	30
33	Id Proteins Facilitate Self-Renewal and Proliferation of Neural Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 831-841.	2.1	67
34	Honokiol Regulates Phosphorylation of Tau via Inhibition of GSK3 $\beta$ . <i>FASEB Journal</i> , 2010, 24, 640.1.	0.5	1
35	Go/i Signaling is Involved in Facilitation of Neurite Outgrowth by Reelin. <i>FASEB Journal</i> , 2010, 24, 639.2.	0.5	0
36	Suppression of Peroxisome Proliferator-Activated Receptor $\delta$ -Coactivator-1 Normalizes the Glucolipototoxicity-Induced Decreased BETA2/NeuroD Gene Transcription and Improved Glucose Tolerance in Diabetic Rats. <i>Endocrinology</i> , 2009, 150, 4074-4083.	2.8	14

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37	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. <i>BMC Neuroscience</i> , 2009, 10, 117.	1.9	85
38	Differential expression of cell surface proteins in human bone marrow mesenchymal stem cells cultured with or without basic fibroblast growth factor containing medium. <i>Proteomics</i> , 2009, 9, 4389-4405.	2.2	29
39	Expression of Disabled 1 suppresses astroglial differentiation in neural stem cells. <i>Molecular and Cellular Neurosciences</i> , 2009, 40, 50-61.	2.2	20
40	Overexpression of BETA2/NeuroD induces neurite outgrowth in F11 neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2008, 77, 103-109.	3.9	14
41	Neural Induction with Neurogenin1 Increases the Therapeutic Effects of Mesenchymal Stem Cells in the Ischemic Brain. <i>Stem Cells</i> , 2008, 26, 2217-2228.	3.2	88
42	Proneural bHLH neurogenin 2 differentially regulates Nurr1-induced dopamine neuron differentiation in rat and mouse neural precursor cells in vitro. <i>FEBS Letters</i> , 2008, 582, 537-542.	2.8	43
43	The alpha subunit of Go interacts with promyelocytic leukemia zinc finger protein and modulates its functions. <i>Cellular Signalling</i> , 2008, 20, 884-891.	3.6	14
44	Effects of estrogen on lifespan and motor functions in female hSOD1 G93A transgenic mice. <i>Journal of the Neurological Sciences</i> , 2008, 268, 40-47.	0.6	91
45	Mash1 and Neurogenin 2 Enhance Survival and Differentiation of Neural Precursor Cells After Transplantation to Rat Brains via Distinct Modes of Action. <i>Molecular Therapy</i> , 2008, 16, 1873-1882.	8.2	44
46	Mesenchymal stem cells promote proliferation of endogenous neural stem cells and survival of newborn cells in a rat stroke model. <i>Experimental and Molecular Medicine</i> , 2008, 40, 387.	7.7	145
47	Transcriptional mechanism of suppression of insulin gene expression by AMP-activated protein kinase activator 5-amino-4-imidazolecarboxamide riboside (AICAR) in $\beta$ -cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 614-620.	2.1	6
48	Human mesenchymal stem cell transplantation promotes functional recovery following acute spinal cord injury in rats. <i>Acta Neurobiologiae Experimentalis</i> , 2007, 67, 13-22.	0.7	37
49	Differential regulation of tyrosine hydroxylase expression by sonic hedgehog. <i>NeuroReport</i> , 2006, 17, 693-698.	1.2	3
50	Differential actions of the proneural genes encoding Mash1 and neurogenins in Nurr1-induced dopamine neuron differentiation. <i>Journal of Cell Science</i> , 2006, 119, 2310-2320.	2.0	58
51	Compartmentalization of protein kinase A signaling by the heterotrimeric G protein Go. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19158-19163.	7.1	21
52	cAMP induces neuronal differentiation of mesenchymal stem cells via activation of extracellular signal-regulated kinase/MAPK. <i>NeuroReport</i> , 2005, 16, 1357-1361.	1.2	61
53	Immunohistochemical study of central neurocytoma, subependymoma, and subependymal giant cell astrocytoma. <i>Journal of Neuro-Oncology</i> , 2005, 74, 1-8.	2.9	64
54	Forskolin promotes astroglial differentiation of human central neurocytoma cells. <i>Experimental and Molecular Medicine</i> , 2004, 36, 52-56.	7.7	20

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55	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
56	Modulation of the N-type calcium channel gene expression by the $\hat{\pm}$ subunit of Go. Molecular Brain Research, 2003, 112, 95-102.	2.3	3
57	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
58	Inhibition of BETA2/NeuroD by Id2. Experimental and Molecular Medicine, 2002, 34, 367-373.	7.7	28
59	Overexpression of neurogenin1 induces neurite outgrowth in F11 neuroblastoma cells. Experimental and Molecular Medicine, 2002, 34, 469-475.	7.7	25
60	Transactivation of the Mouse Sulfonylurea Receptor I Gene by BETA2/NeuroD. Molecular Endocrinology, 2002, 16, 1097-1107.	3.7	43
61	Neurite Outgrowth Induced by Cyclic AMP Can Be Modulated by the $\hat{\pm}$ Subunit of Go. Journal of Neurochemistry, 2001, 74, 151-158.	3.9	53
62	Overexpression of BETA2/NeuroD induces neurite outgrowth in F11 neuroblastoma cells. Journal of Neurochemistry, 2001, 77, 103-109.	3.9	32
63	Expression of neuroD/BETA2 in mitotic and postmitotic neuronal cells during the development of nervous system. , 2000, 217, 361-367.		100