

Jihwan Song

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,985
citations

257450

24
h-index

254184

43
g-index

53
all docs

53
docs citations

53
times ranked

3175
citing authors

#	ARTICLE	IF	CITATIONS
1	SUPT4H1-edited stem cell therapy rescues neuronal dysfunction in a mouse model for Huntington's disease. <i>Npj Regenerative Medicine</i> , 2022, 7, 8.	5.2	12
2	Mitochondrial genome mutations and neuronal dysfunction of induced pluripotent stem cells derived from patients with Alzheimer's disease. <i>Cell Proliferation</i> , 2022, 55, .	5.3	6
3	Therapeutic Effect of BDNF-Overexpressing Human Neural Stem Cells (F3.BDNF) in a Contusion Model of Spinal Cord Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6970.	4.1	18
4	Human iPSC-derived neural precursor cells differentiate into multiple cell types to delay disease progression following transplantation into YAC128 Huntington's disease mouse model. <i>Cell Proliferation</i> , 2021, 54, e13082.	5.3	14
5	Neural Transplants From Human Induced Pluripotent Stem Cells Rescue the Pathology and Behavioral Defects in a Rodent Model of Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2020, 14, 558204.	2.8	15
6	The Global Alliance for iPSC Therapies (GAiT). <i>Stem Cell Research</i> , 2020, 49, 102036.	0.7	17
7	Haplobanking induced pluripotent stem cells for clinical use. <i>Stem Cell Research</i> , 2020, 49, 102035.	0.7	30
8	Intracerebral transplantation of HLA-homozygous human iPSC-derived neural precursors ameliorates the behavioural and pathological deficits in a rodent model of ischaemic stroke. <i>Cell Proliferation</i> , 2020, 53, e12884.	5.3	8
9	Modeling of Frontotemporal Dementia Using iPSC Technology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5319.	4.1	9
10	Intracerebral Transplants of GMP-Grade Human Umbilical Cord-Derived Mesenchymal Stromal Cells Effectively Treat Subacute-Phase Ischemic Stroke in a Rodent Model. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 546659.	3.7	14
11	Neural stem cells derived from the developing forebrain of YAC128 mice exhibit pathological features of Huntington's disease. <i>Cell Proliferation</i> , 2020, 53, e12893.	5.3	3
12	Implantation of the clinical-grade human neural stem cell line, <i>CTXOE03</i>, rescues the behavioral and pathological deficits in the quinolinic acid-lesioned rodent model of Huntington's disease. <i>Stem Cells</i> , 2020, 38, 936-947.	3.2	21
13	Pathological manifestation of the induced pluripotent stem cell-derived cortical neurons from an early-onset Alzheimer's disease patient carrying a presenilin-1 mutation (S170F). <i>Cell Proliferation</i> , 2020, 53, e12798.	5.3	14
14	Multimodal Therapeutic Effects of Neural Precursor Cells Derived from Human-Induced Pluripotent Stem Cells through Episomal Plasmid-Based Reprogramming in a Rodent Model of Ischemic Stroke. <i>Stem Cells International</i> , 2020, 2020, 1-17.	2.5	16
15	Intracerebral Transplantation of BDNF-overexpressing Human Neural Stem Cells (HB1.F3.BDNF) Promotes Migration, Differentiation and Functional Recovery in a Rodent Model of Huntington's Disease. <i>Experimental Neurobiology</i> , 2020, 29, 130-137.	1.6	18
16	The First Generation of iPSC Line from a Korean Alzheimer's Disease Patient Carrying APP-V715M Mutation Exhibits a Distinct Mitochondrial Dysfunction. <i>Experimental Neurobiology</i> , 2019, 28, 329-336.	1.6	6
17	Kinome-Wide RNA Interference Screening Identifies Mitogen-Activated Protein Kinases and Phosphatidylinositol Metabolism as Key Factors for Rabies Virus Infection. <i>MSphere</i> , 2019, 4, .	2.9	11
18	Interleukin-1 receptor antagonist-mediated neuroprotection by umbilical cord-derived mesenchymal stromal cells following transplantation into a rodent stroke model. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	23

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19	Recent progress of national banking project on homozygous HLA-typed induced pluripotent stem cells in South Korea. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1531-e1536.	2.7	39
20	iPSC Modeling of Presenilin1 Mutation in Alzheimer's Disease with Cerebellar Ataxia. <i>Experimental Neurobiology</i> , 2018, 27, 350-364.	1.6	25
21	Quality control guidelines for clinical-grade human induced pluripotent stem cell lines. <i>Regenerative Medicine</i> , 2018, 13, 859-866.	1.7	147
22	Repurposing the Cord Blood Bank for Haplobanking of HLA-Homozygous iPSCs and Their Usefulness to Multiple Populations. <i>Stem Cells</i> , 2018, 36, 1552-1566.	3.2	60
23	Human-to-mouse prion-like propagation of mutant huntingtin protein. <i>Acta Neuropathologica</i> , 2016, 132, 577-592.	7.7	145
24	Use of Microfluidic Technology to Monitor the Differentiation and Migration of Human ESC-Derived Neural Cells. <i>Methods in Molecular Biology</i> , 2016, 1502, 223-235.	0.9	2
25	Attenuation of Posts ischemic Genomic Alteration by Mesenchymal Stem Cells: a Microarray Study. <i>Molecules and Cells</i> , 2016, 39, 337-344.	2.6	5
26	Early neuroprotective effect with lack of long-term cell replacement effect on experimental stroke after intra-arterial transplantation of adipose-derived mesenchymal stromal cells. <i>Cytherapy</i> , 2015, 17, 1090-1103.	0.7	44
27	Monitoring the Differentiation and Migration Patterns of Neural Cells Derived from Human Embryonic Stem Cells Using a Microfluidic Culture System. <i>Molecules and Cells</i> , 2014, 37, 497-502.	2.6	36
28	Neural stem cells derived from epiblast stem cells display distinctive properties. <i>Stem Cell Research</i> , 2014, 12, 506-516.	0.7	13
29	In Vivo Roles of a Patient-Derived Induced Pluripotent Stem Cell Line (HD72-iPSC) in the YAC128 Model of Huntington's Disease. <i>International Journal of Stem Cells</i> , 2014, 7, 43-47.	1.8	34
30	Predictive value of circulating interleukin-6 and heart-type fatty acid binding protein for three months clinical outcome in acute cerebral infarction: multiple blood markers profiling study. <i>Critical Care</i> , 2013, 17, R45.	5.8	31
31	Limited clinical value of multiple blood markers in the diagnosis of ischemic stroke. <i>Clinical Biochemistry</i> , 2013, 46, 710-715.	1.9	30
32	PI3K/Akt and Stat3 signaling regulated by PTEN control of the cancer stem cell population, proliferation and senescence in a glioblastoma cell line. <i>International Journal of Oncology</i> , 2013, 42, 921-928.	3.3	83
33	Contralaterally transplanted human embryonic stem cell-derived neural precursor cells (ENStem-A) migrate and improve brain functions in stroke-damaged rats. <i>Experimental and Molecular Medicine</i> , 2013, 45, e53-e53.	7.7	32
34	Transcription Elongation Factor <i>Tcea3</i> Regulates the Pluripotent Differentiation Potential of Mouse Embryonic Stem Cells Via the <i>Lefty1</i> -Nodal-Smad2 Pathway. <i>Stem Cells</i> , 2013, 31, 282-292.	3.2	30
35	Therapeutic Effect of BDNF-Overexpressing Human Neural Stem Cells (HB1.F3.BDNF) in a Rodent Model of Middle Cerebral Artery Occlusion. <i>Cell Transplantation</i> , 2013, 22, 1441-1452.	2.5	47
36	Therapeutic Potential of Human Induced Pluripotent Stem Cells in Experimental Stroke. <i>Cell Transplantation</i> , 2013, 22, 1427-1440.	2.5	69

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37	Sprouty1 Regulates Neural and Endothelial Differentiation of Mouse Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 554-561.	2.1	19
38	Quantitative proteomic analysis of induced pluripotent stem cells derived from a human Huntington's disease patient. <i>Biochemical Journal</i> , 2012, 446, 359-371.	3.7	104
39	Neuronal Properties, In Vivo Effects, and Pathology of a Huntington's Disease Patient-Derived Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2012, 30, 2054-2062.	3.2	167
40	Alteration of immunologic responses on peripheral blood in the acute phase of ischemic stroke: Blood genomic profiling study. <i>Journal of Neuroimmunology</i> , 2012, 249, 60-65.	2.3	29
41	In vivo Tracking of Human Neural Stem Cells Following Transplantation into a Rodent Model of Ischemic Stroke. <i>International Journal of Stem Cells</i> , 2012, 5, 79-83.	1.8	6
42	Neuronal Differentiation of a Human Induced Pluripotent Stem Cell Line (FS-1) Derived from Newborn Foreskin Fibroblasts. <i>International Journal of Stem Cells</i> , 2012, 5, 140-145.	1.8	9
43	Formation of parkin aggregates and enhanced PINK1 accumulation during the pathogenesis of Parkinson's disease. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 824-828.	2.1	23
44	Endothelial nitric oxide synthase gene polymorphisms and the risk of silent brain infarction. <i>International Journal of Molecular Medicine</i> , 2010, 25, 819-23.	4.0	22
45	In vivo tracking of human mesenchymal stem cells in experimental stroke. <i>Cell Transplantation</i> , 2008, 16, 1007-12.	2.5	23
46	In Vivo Tracking of Human Mesenchymal Stem Cells in Experimental Stroke. <i>Cell Transplantation</i> , 2007, 16, 1007-1012.	2.5	66
47	Human embryonic stem cell-derived neural precursor transplants attenuate apomorphine-induced rotational behavior in rats with unilateral quinolinic acid lesions. <i>Neuroscience Letters</i> , 2007, 423, 58-61.	2.1	73
48	The present status of cell tracking methods in animal models using magnetic resonance imaging technology. <i>Molecules and Cells</i> , 2007, 23, 132-7.	2.6	42
49	Morphometry of the nasal bones and piriform apertures in Koreans. <i>Annals of Anatomy</i> , 2005, 187, 411-414.	1.9	51
50	Morphometrical changes of the human uterine tubes according to aging and menstrual cycle. <i>Annals of Anatomy</i> , 2004, 186, 263-269.	1.9	7
51	Cloning and characterization of the full-length mouse Ptk7 cDNA encoding a defective receptor protein tyrosine kinase. <i>Gene</i> , 2004, 328, 75-84.	2.2	40
52	The Type II Activin Receptors Are Essential for Egg Cylinder Growth, Gastrulation, and Rostral Head Development in Mice. <i>Developmental Biology</i> , 1999, 213, 157-169.	2.0	176