Jihwan Song

List of Publications by Year
in descending order

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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	The Type II Activin Receptors Are Essential for Egg Cylinder Growth, Gastrulation, and Rostral Head Development in Mice. Developmental Biology, 1999, 213, 157-169.	2.0	176
2	Neuronal Properties, In Vivo Effects, and Pathology of a Huntington's Disease Patient-Derived Induced Pluripotent Stem Cells. Stem Cells, 2012, 30, 2054-2062.	3.2	167
3	Quality control guidelines for clinical-grade human induced pluripotent stem cell lines. Regenerative Medicine, 2018, 13, 859-866.	1.7	147
4	Human-to-mouse prion-like propagation of mutant huntingtin protein. Acta Neuropathologica, 2016, 132, 577-592.	7.7	145
5	Quantitative proteomic analysis of induced pluripotent stem cells derived from a human Huntington's disease patient. Biochemical Journal, 2012, 446, 359-371.	3.7	104
6	PI3K/Akt and Stat3 signaling regulated by PTEN control of the cancer stem cell population, proliferation and senescence in a glioblastoma cell line. International Journal of Oncology, 2013, 42, 921-928.	3.3	83
7	Human embryonic stem cell-derived neural precursor transplants attenuate apomorphine-induced rotational behavior in rats with unilateral quinolinic acid lesions. Neuroscience Letters, 2007, 423, 58-61.	2.1	73
8	Therapeutic Potential of Human Induced Pluripotent Stem Cells in Experimental Stroke. Cell Transplantation, 2013, 22, 1427-1440.	2.5	69
9	In Vivo Tracking of Human Mesenchymal Stem Cells in Experimental Stroke. Cell Transplantation, 2007, 16, 1007-1012.	2.5	66
10	Repurposing the Cord Blood Bank for Haplobanking of HLA-Homozygous iPSCs and Their Usefulness to Multiple Populations. Stem Cells, 2018, 36, 1552-1566.	3.2	60
11	Morphometry of the nasal bones and piriform apertures in Koreans. Annals of Anatomy, 2005, 187, 411-414.	1.9	51
12	Therapeutic Effect of BDNF-Overexpressing Human Neural Stem Cells (HB1.F3.BDNF) in a Rodent Model of Middle Cerebral Artery Occlusion. Cell Transplantation, 2013, 22, 1441-1452.	2.5	47
13	Early neuroprotective effect with lack of long-term cell replacement effect on experimental stroke after intra-arterial transplantation of adipose-derived mesenchymal stromal cells. Cytotherapy, 2015, 17, 1090-1103.	0.7	44
14	The present status of cell tracking methods in animal models using magnetic resonance imaging technology. Molecules and Cells, 2007, 23, 132-7.	2.6	42
15	Cloning and characterization of the full-length mouse Ptk7 cDNA encoding a defective receptor protein tyrosine kinase. Gene, 2004, 328, 75-84.	2.2	40
16	Recent progress of national banking project on homozygous <scp>HLA</scp> â€typed induced pluripotent stem cells in <scp>S</scp> outh <scp>K</scp> orea. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e1531-e1536.	2.7	39
17	Monitoring the Differentiation and Migration Patterns of Neural Cells Derived from Human Embryonic Stem Cells Using a Microfluidic Culture System. Molecules and Cells, 2014, 37, 497-502.	2.6	36
18	In Vivo Roles of a Patient-Derived Induced Pluripotent Stem Cell Line (HD72-iPSC) in the YAC128 Model of Huntingtonâ€™s Disease. International Journal of Stem Cells, 2014, 7, 43-47.	1.8	34

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19	Contralaterally transplanted human embryonic stem cell-derived neural precursor cells (ENStem-A) migrate and improve brain functions in stroke-damaged rats. Experimental and Molecular Medicine, 2013, 45, e53-e53.	7.7	32
20	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. Critical Care, 2013, 17, R45.	5.8	31
21	Limited clinical value of multiple blood markers in the diagnosis of ischemic stroke. Clinical Biochemistry, 2013, 46, 710-715.	1.9	30
22	Transcription Elongation Factor Tcea3 Regulates the Pluripotent Differentiation Potential of Mouse Embryonic Stem Cells Via the Lefty1-Nodal-Smad2 Pathway. Stem Cells, 2013, 31, 282-292.	3.2	30
23	Haplobanking induced pluripotent stem cells for clinical use. Stem Cell Research, 2020, 49, 102035.	0.7	30
24	Alteration of immunologic responses on peripheral blood in the acute phase of ischemic stroke: Blood genomic profiling study. Journal of Neuroimmunology, 2012, 249, 60-65.	2.3	29
25	iPSC Modeling of Presenilin1 Mutation in Alzheimer's Disease with Cerebellar Ataxia. Experimental Neurobiology, 2018, 27, 350-364.	1.6	25
26	Formation of parkin aggregates and enhanced PINK1 accumulation during the pathogenesis of Parkinsonâ€™s disease. Biochemical and Biophysical Research Communications, 2010, 393, 824-828.	2.1	23
27	Interleukin-1 receptor antagonist-mediated neuroprotection by umbilical cord-derived mesenchymal stromal cells following transplantation into a rodent stroke model. Experimental and Molecular Medicine, 2018, 50, 1-12.	7.7	23
28	In vivo tracking of human mesenchymal stem cells in experimental stroke. Cell Transplantation, 2008, 16, 1007-12.	2.5	23
29	Endothelial nitric oxide synthase gene polymorphisms and the risk of silent brain infarction. International Journal of Molecular Medicine, 2010, 25, 819-23.	4.0	22
30	Implantation of the clinical-grade human neural stem cell line, CTX0E03, rescues the behavioral and pathological deficits in the quinolinic acid-lesioned rodent model of Huntington's disease. Stem Cells, 2020, 38, 936-947.	3.2	21
31	Sprouty1 Regulates Neural and Endothelial Differentiation of Mouse Embryonic Stem Cells. Stem Cells and Development, 2012, 21, 554-561.	2.1	19
32	Therapeutic Effect of BDNF-Overexpressing Human Neural Stem Cells (F3.BDNF) in a Contusion Model of Spinal Cord Injury in Rats. International Journal of Molecular Sciences, 2021, 22, 6970.	4.1	18
33	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. Experimental Neurobiology, 2020, 29, 130-137.	1.6	18
34	The Global Alliance for iPSC Therapies (GAiT). Stem Cell Research, 2020, 49, 102036.	0.7	17
35	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. Stem Cells International, 2020, 2020, 1-17.	2.5	16
36	Neural Transplants From Human Induced Pluripotent Stem Cells Rescue the Pathology and Behavioral Defects in a Rodent Model of Huntingtonâ€™s Disease. Frontiers in Neuroscience, 2020, 14, 558204.	2.8	15

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37	Intracerebral Transplants of GMP-Grade Human Umbilical Cord-Derived Mesenchymal Stromal Cells Effectively Treat Subacute-Phase Ischemic Stroke in a Rodent Model. Frontiers in Cellular Neuroscience, 2020, 14, 546659.	3.7	14
38	Pathological manifestation of the induced pluripotent stem cellâ€derived cortical neurons from an earlyâ€onset Alzheimer's disease patient carrying a presenilinâ€1 mutation (S170F). Cell Proliferation, 2020, 53, e12798.	5.3	14
39	Human iPSCâ€derived neural precursor cells differentiate into multiple cell types to delay disease progression following transplantation into YAC128 Huntington's disease mouse model. Cell Proliferation, 2021, 54, e13082.	5.3	14
40	Neural stem cells derived from epiblast stem cells display distinctive properties. Stem Cell Research, 2014, 12, 506-516.	0.7	13
41	SUPT4H1-edited stem cell therapy rescues neuronal dysfunction in a mouse model for Huntingtonâ€™s disease. Npj Regenerative Medicine, 2022, 7, 8.	5.2	12
42	Kinome-Wide RNA Interference Screening Identifies Mitogen-Activated Protein Kinases and Phosphatidylinositol Metabolism as Key Factors for Rabies Virus Infection. MSphere, 2019, 4, .	2.9	11
43	Modeling of Frontotemporal Dementia Using iPSC Technology. International Journal of Molecular Sciences, 2020, 21, 5319.	4.1	9
44	Neuronal Differentiation of a Human Induced Pluripotent Stem Cell Line (FS-1) Derived from Newborn Foreskin Fibroblasts. International Journal of Stem Cells, 2012, 5, 140-145.	1.8	9
45	Intracerebral transplantation of HLAâ€homozygous human iPSCâ€derived neural precursors ameliorates the behavioural and pathological deficits in a rodent model of ischaemic stroke. Cell Proliferation, 2020, 53, e12884.	5.3	8
46	Morphometrical changes of the human uterine tubes according to aging and menstrual cycle. Annals of Anatomy, 2004, 186, 263-269.	1.9	7
47	The First Generation of iPSC Line from a Korean Alzheimer's Disease Patient Carrying APP-V715M Mutation Exhibits a Distinct Mitochondrial Dysfunction. Experimental Neurobiology, 2019, 28, 329-336.	1.6	6
48	In vivo Tracking of Human Neural Stem Cells Following Transplantation into a Rodent Model of Ischemic Stroke. International Journal of Stem Cells, 2012, 5, 79-83.	1.8	6
49	Mitochondrial genome mutations and neuronal dysfunction of induced pluripotent stem cells derived from patients with Alzheimer's disease. Cell Proliferation, 2022, 55, .	5.3	6
50	Attenuation of Postischemic Genomic Alteration by Mesenchymal Stem Cells: a Microarray Study. Molecules and Cells, 2016, 39, 337-344.	2.6	5
51	Neural stem cells derived from the developing forebrain of YAC128 mice exhibit pathological features of Huntingtonâ€™s disease. Cell Proliferation, 2020, 53, e12893.	5.3	3
52	Use of Microfluidic Technology to Monitor the Differentiation and Migration of Human ESC-Derived Neural Cells. Methods in Molecular Biology, 2016, 1502, 223-235.	0.9	2