

Il-Sun Kim

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,735
citations

13
h-index

21
g-index

21
ext. papers

1,926
ext. citations

9
avg, IF

4.06
L-index

#	Paper	IF	Citations
20	Exchange-coupled magnetic nanoparticles for efficient heat induction. <i>Nature Nanotechnology</i> , 2011 , 6, 418-22	28.7	1032
19	Targeted Dual-mode MRI contrast agent for enhancing accuracy by engineered nanomaterials. <i>ACS Nano</i> , 2014 , 8, 3393-401	16.7	162
18	Human neurospheres derived from the fetal central nervous system are regionally and temporally specified but are not committed. <i>Experimental Neurology</i> , 2006 , 199, 222-35	5.7	96
17	Human neural stem cells alleviate Alzheimer-like pathology in a mouse model. <i>Molecular Neurodegeneration</i> , 2015 , 10, 38	19	81
16	Clinical Trial of Human Fetal Brain-Derived Neural Stem/Progenitor Cell Transplantation in Patients with Traumatic Cervical Spinal Cord Injury. <i>Neural Plasticity</i> , 2015 , 2015, 630932	3.3	69
15	Growth factor-expressing human neural progenitor cell grafts protect motor neurons but do not ameliorate motor performance and survival in ALS mice. <i>Experimental and Molecular Medicine</i> , 2009 , 41, 487-500	12.8	62
14	Biodegradable Nanotopography Combined with Neurotrophic Signals Enhances Contact Guidance and Neuronal Differentiation of Human Neural Stem Cells. <i>Macromolecular Bioscience</i> , 2015 , 15, 1348-56	5.5	44
13	Amyloid- β oligomers regulate the properties of human neural stem cells through GSK-3 β signaling. <i>Experimental and Molecular Medicine</i> , 2013 , 45, e60	12.8	44
12	Design of Magnetically Labeled Cells (Mag-Cells) for in Vivo Control of Stem Cell Migration and Differentiation. <i>Nano Letters</i> , 2018 , 18, 838-845	11.5	28
11	Brain and spinal cord injury repair by implantation of human neural progenitor cells seeded onto polymer scaffolds. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-18	12.8	27
10	TNF- α induces human neural progenitor cell survival after oxygen-glucose deprivation by activating the NF- κ B pathway. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-14	12.8	18
9	Human fetal brain-derived neural stem/progenitor cells grafted into the adult epileptic brain restrain seizures in rat models of temporal lobe epilepsy. <i>PLoS ONE</i> , 2014 , 9, e104092	3.7	18
8	Neurogenin-2-transduced human neural progenitor cells attenuate neonatal hypoxic-ischemic brain injury. <i>Translational Research</i> , 2017 , 183, 121-136.e9	11	17
7	Real-time discrimination between proliferation and neuronal and astroglial differentiation of human neural stem cells. <i>Scientific Reports</i> , 2014 , 4, 6319	4.9	11
6	Glial Cell Line-derived Neurotrophic Factor-overexpressing Human Neural Stem/Progenitor Cells Enhance Therapeutic Efficiency in Rat with Traumatic Spinal Cord Injury. <i>Experimental Neurobiology</i> , 2019 , 28, 679-696	4	9
5	TNF- α pretreatment improves the survival and function of transplanted human neural progenitor cells following hypoxic-ischemic brain injury. <i>Cells</i> , 2020 , 9,	7.9	6
4	Safety and efficacy evaluations of an adeno-associated virus variant for preparing IL10-secreting human neural stem cell-based therapeutics. <i>Gene Therapy</i> , 2019 , 26, 135-150	4	5

3	Inverted Quasi-Spherical Droplets on Polydopamine-TiO Substrates for Enhancing Gene Delivery. <i>Macromolecular Bioscience</i> , 2017 , 17, 1700148	5.5	4
2	Therapeutic Application of Neural Stem Cells for Neonatal Hypoxic-ischemic Brain Injury. <i>Neonatal Medicine</i> , 2013 , 20, 343	0.2	2
1	Cellular Response of Ventricular-Subventricular Neural Progenitor/Stem Cells to Neonatal Hypoxic-Ischemic Brain Injury and Their Enhanced Neurogenesis. <i>Yonsei Medical Journal</i> , 2020 , 61, 492-505	3	0