

# Seung U Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

360  
papers

21,102  
citations

6606

79  
h-index

15249

126  
g-index

362  
all docs

362  
docs citations

362  
times ranked

19432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of damaged cavernosa followed by neuron-like differentiation at injured cavernous nerve after transplantation of stem cells seeded on the PLA nanofiber in rats with cavernous nerve injury. <i>Molecular Biology Reports</i> , 2021, 48, 3549-3559.	1.0	5
2	An engineered neurovascular unit for modeling neuroinflammation. <i>Biofabrication</i> , 2021, 13, 035039.	3.7	18
3	Improved bladder contractility after transplantation of human mesenchymal stem cells overexpressing hepatocyte growth factor into underactive bladder from bladder outlet obstruction models of rats. <i>PLoS ONE</i> , 2021, 16, e0261402.	1.1	6
4	Antithyroid cancer effects of human neural stem cells expressing therapeutic genes on anaplastic thyroid cancer cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1586-1598.	1.2	1
5	Cell motility and migration as determinants of stem cell efficacy. <i>EBioMedicine</i> , 2020, 60, 102989.	2.7	26
6	Inhibitory effect of therapeutic genes, cytosine deaminase and interferon- $\beta$ , delivered by genetically engineered stem cells against renal cell carcinoma. <i>Oncology Reports</i> , 2020, 43, 2045-2052.	1.2	1
7	A Potential Therapy Using Engineered Stem Cells Prevented Malignant Melanoma in Cellular and Xenograft Mouse Models. <i>Cancer Research and Treatment</i> , 2019, 51, 797-811.	1.3	8
8	Cancer-Specific Inhibitory Effects of Genetically Engineered Stem Cells Expressing Cytosine Deaminase and Interferon- $\beta$ Against Choriocarcinoma in Xenografted Metastatic Mouse Models. <i>Translational Oncology</i> , 2018, 11, 74-85.	1.7	7
9	The growth of K562 human leukemia cells was inhibited by therapeutic neural stem cells in cellular and xenograft mouse models. <i>Cytotherapy</i> , 2018, 20, 1191-1201.	0.3	1
10	Establishment and Characterization of Immortalized Minipig Neural Stem Cell Line. <i>Cell Transplantation</i> , 2017, 26, 271-281.	1.2	4
11	Protection against RAGE-mediated neuronal cell death by sRAGE-secreting human mesenchymal stem cells in 5xFAD transgenic mouse model. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 347-358.	2.0	25
12	Endothelial STAT3 Activation Increases Vascular Leakage Through Downregulating Tight Junction Proteins: Implications for Diabetic Retinopathy. <i>Journal of Cellular Physiology</i> , 2017, 232, 1123-1134.	2.0	96
13	Anti-proliferative Effect of Engineered Neural Stem Cells Expressing Cytosine Deaminase and Interferon- $\beta$ against Lymph Node-Derived Metastatic Colorectal Adenocarcinoma in Cellular and Xenograft Mouse Models. <i>Cancer Research and Treatment</i> , 2017, 49, 79-91.	1.3	15
14	Comparative Effects of Human Neural Stem Cells and Oligodendrocyte Progenitor Cells on the Neurobehavioral Disorders of Experimental Autoimmune Encephalomyelitis Mice. <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	15
15	Human Neural Stem Cells Overexpressing a Carboxylesterase Inhibit Bladder Tumor Growth. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1201-1207.	1.9	2
16	Intravenously Infused F3.Olig2 Improves Memory Deficits via Restoring Myelination in the Aged Hippocampus following Experimental Ischemic Stroke. <i>Cell Transplantation</i> , 2016, 25, 2129-2144.	1.2	18
17	Targeted Treatment of Experimental Spinal Cord Glioma With Dual Gene-Engineered Human Neural Stem Cells. <i>Neurosurgery</i> , 2016, 79, 481-491.	0.6	20
18	A human neural stem cell line provides neuroprotection and improves neurological performance by early intervention of neuroinflammatory system. <i>Brain Research</i> , 2016, 1631, 194-203.	1.1	33

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19	Tumor-specific gene therapy for pancreatic cancer using human neural stem cells encoding carboxylesterase. <i>Oncotarget</i> , 2016, 7, 75319-75327.	0.8	10
20	Synergistic effect of therapeutic stem cells expressing cytosine deaminase and interferon-beta via apoptotic pathway in the metastatic mouse model of breast cancer. <i>Oncotarget</i> , 2016, 7, 5985-5999.	0.8	20
21	Human neural stem cells promote proliferation of endogenous neural stem cells and enhance angiogenesis in ischemic rat brain. <i>Neural Regeneration Research</i> , 2016, 11, 298.	1.6	84
22	Regenerative Medicine in the Central Nervous System: Stem Cell-Based Cell- and Gene-Therapy. , 2016, , 83-113.		0
23	Bone Marrow-Derived Stem Cell Therapy for Metastatic Brain Cancers. <i>Cell Transplantation</i> , 2015, 24, 625-630.	1.2	12
24	Long-Term Effects of Magnetically Targeted Ferumoxide-Labeled Human Neural Stem Cells in Focal Cerebral Ischemia. <i>Cell Transplantation</i> , 2015, 24, 183-190.	1.2	26
25	Long-Term Survival and Differentiation of Human Neural Stem Cells in Nonhuman Primate Brain with no Immunosuppression. <i>Cell Transplantation</i> , 2015, 24, 191-201.	1.2	21
26	Improvement in Spinal Cord Injury-Induced Bladder Fibrosis Using Mesenchymal Stem Cell Transplantation into the Bladder Wall. <i>Cell Transplantation</i> , 2015, 24, 1253-1263.	1.2	26
27	Additional effects of engineered stem cells expressing a therapeutic gene and interferon- $\beta$ in a xenograft mouse model of endometrial cancer. <i>International Journal of Oncology</i> , 2015, 47, 171-178.	1.4	6
28	Monitoring in vitro neural stem cell differentiation based on surface-enhanced Raman spectroscopy using a gold nanostar array. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3848-3859.	2.7	50
29	Tumor necrosis factor-inducible gene 6 promotes liver regeneration in mice with acute liver injury. <i>Stem Cell Research and Therapy</i> , 2015, 6, 20.	2.4	34
30	Bioimaging of microRNA124-independent neuronal differentiation of human G2 neural stem cells. <i>FEBS Open Bio</i> , 2015, 5, 647-655.	1.0	3
31	Secretion of urocortin I by human glioblastoma cell lines, possibly via the constitutive pathway. <i>Peptides</i> , 2015, 63, 63-70.	1.2	1
32	Amyloid-Beta-Activated Human Microglial Cells Through ER-Resident Proteins. <i>Journal of Proteome Research</i> , 2015, 14, 214-223.	1.8	15
33	SIRT1 is required for oncogenic transformation of neural stem cells and for the survival of cancer cells with neural stemness in a p53-dependent manner. <i>Neuro-Oncology</i> , 2015, 17, 95-106.	0.6	40
34	Microglial AGE-albumin is critical for neuronal death in Parkinson's disease: a possible implication for theranostics. <i>International Journal of Nanomedicine</i> , 2015, Volume 10, 281-292.	3.3	24
35	Human Motor Neurons Generated from Neural Stem Cells Delay Clinical Onset and Prolong Life in ALS Mouse Model. <i>PLoS ONE</i> , 2014, 9, e97518.	1.1	32
36	Microglial AGE-Albumin Is Critical in Promoting Alcohol-Induced Neurodegeneration in Rats and Humans. <i>PLoS ONE</i> , 2014, 9, e104699.	1.1	23

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37	In Vivo Bioluminescence Imaging for Prolonged Survival of Transplanted Human Neural Stem Cells Using 3D Biocompatible Scaffold in Corticectomized Rat Model. <i>PLoS ONE</i> , 2014, 9, e105129.	1.1	24
38	Effects of Silica and Titanium Oxide Particles on a Human Neural Stem Cell Line: Morphology, Mitochondrial Activity, and Gene Expression of Differentiation Markers. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11742-11759.	1.8	27
39	Alzheimer's Disease and Stem Cell Therapy. <i>Experimental Neurobiology</i> , 2014, 23, 45-52.	0.7	58
40	Electrically Controlled Delivery of Cargo into Single Human Neural Stem Cell. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 20709-20716.	4.0	3
41	In vivo bioluminescence imaging for viable human neural stem cells incorporated within in situ gelatin hydrogels. <i>EJNMMI Research</i> , 2014, 4, 61.	1.1	3
42	Double suicide gene therapy using human neural stem cells against glioblastoma: double safety measures. <i>Journal of Neuro-Oncology</i> , 2014, 116, 49-57.	1.4	15
43	CD39-mediated effect of human bone marrow-derived mesenchymal stem cells on the human Th17 cell function. <i>Purinergic Signalling</i> , 2014, 10, 357-365.	1.1	33
44	Neural Stem Cell-Mediated Intratumoral Delivery of Gold Nanorods Improves Photothermal Therapy. <i>ACS Nano</i> , 2014, 8, 12450-12460.	7.3	139
45	Conjugation of pH-responsive nanoparticles to neural stem cells improves intratumoral therapy. <i>Journal of Controlled Release</i> , 2014, 191, 82-89.	4.8	51
46	Selective antitumor effect of neural stem cells expressing cytosine deaminase and interferon-beta against ductal breast cancer cells in cellular and xenograft models. <i>Stem Cell Research</i> , 2014, 12, 36-48.	0.3	35
47	Autologous stem cell transplant with gene therapy for Friedreich ataxia. <i>Medical Hypotheses</i> , 2014, 83, 296-298.	0.8	2
48	Transplantation of Human Adipose Tissue-Derived Stem Cells Delays Clinical Onset and Prolongs Life Span in ALS Mouse Model. <i>Cell Transplantation</i> , 2014, 23, 1585-1597.	1.2	51
49	Secretome Analysis of Human Oligodendrocytes Derived from Neural Stem Cells. <i>PLoS ONE</i> , 2014, 9, e84292.	1.1	24
50	Human Astrocytes: Secretome Profiles of Cytokines and Chemokines. <i>PLoS ONE</i> , 2014, 9, e92325.	1.1	303
51	Co-treatment with therapeutic neural stem cells expressing carboxyl esterase and CPT-11 inhibit growth of primary and metastatic lung cancers in mice. <i>Oncotarget</i> , 2014, 5, 12835-12848.	0.8	29
52	Human Neural Stem Cell-Based Cell- and Gene-Therapy for Neurological Diseases. <i>Cell Engineering</i> , 2014, , 21-48.	0.4	1
53	CD70-CD27 ligation between neural stem cells and CD4+ T cells induces FasL-mediated T-cell death. <i>Stem Cell Research and Therapy</i> , 2013, 4, 56.	2.4	9
54	Cancer Therapy: Gold Nanoparticle-Loaded Neural Stem Cells for Photothermal Ablation of Cancer ( <i>Adv. Healthcare Mater.</i> 7/2013). <i>Advanced Healthcare Materials</i> , 2013, 2, 922-922.	3.9	0

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55	Suppression of the growth of human colorectal cancer cells by therapeutic stem cells expressing cytosine deaminase and interferon- $\gamma$ via their tumor-tropic effect in cellular and xenograft mouse models. <i>Molecular Oncology</i> , 2013, 7, 543-554.	2.1	27
56	Neural stem cell-based treatment for neurodegenerative diseases. <i>Neuropathology</i> , 2013, 33, 491-504.	0.7	135
57	Chromatin Regulator PRC2 Is a Key Regulator of Epigenetic Plasticity in Glioblastoma. <i>Cancer Research</i> , 2013, 73, 4559-4570.	0.4	91
58	Neural Stem Cell-Mediated Enzyme/Prodrug Therapy for Glioma: Preclinical Studies. <i>Science Translational Medicine</i> , 2013, 5, 184ra59.	5.8	194
59	Cytosine deaminase-expressing human neural stem cells inhibit tumor growth in prostate cancer-bearing mice. <i>Cancer Letters</i> , 2013, 335, 58-65.	3.2	30
60	Enhanced angiogenesis and relaxation of bladder as early response to bladder outlet obstruction. <i>International Journal of Urology</i> , 2013, 20, 116-122.	0.5	13
61	Functional recovery after injury of motor cortex in rats: effects of rehabilitation and stem cell transplantation in a traumatic brain injury model of cortical resection. <i>Child's Nervous System</i> , 2013, 29, 403-411.	0.6	9
62	Human adipose tissue-derived mesenchymal stem cells improve cognitive function and physical activity in ageing mice. <i>Journal of Neuroscience Research</i> , 2013, 91, 660-670.	1.3	76
63	Gold Nanoparticle-Loaded Neural Stem Cells for Photothermal Ablation of Cancer. <i>Advanced Healthcare Materials</i> , 2013, 2, 976-982.	3.9	59
64	Improvement of cognitive function and physical activity of aging mice by human neural stem cells over-expressing choline acetyltransferase. <i>Neurobiology of Aging</i> , 2013, 34, 2639-2646.	1.5	89
65	Anticancer Effects of the Engineered Stem Cells Transduced with Therapeutic Genes via a Selective Tumor Tropism Caused by Vascular Endothelial Growth Factor Toward HeLa Cervical Cancer Cells. <i>Molecules and Cells</i> , 2013, 36, 347-354.	1.0	8
66	Vasculogenesis in Experimental Stroke After Human Cerebral Endothelial Cell Transplantation. <i>Stroke</i> , 2013, 44, 3473-3481.	1.0	63
67	Human mesenchymal stem cell transplantation changes proinflammatory gene expression through a nuclear factor- $\kappa$ B-dependent pathway in a rat focal cerebral ischemic model. <i>Journal of Neuroscience Research</i> , 2013, 91, 1440-1449.	1.3	26
68	Magnetic Resonance Imaging Tracking of Ferumoxytol-Labeled Human Neural Stem Cells: Studies Leading to Clinical Use. <i>Stem Cells Translational Medicine</i> , 2013, 2, 766-775.	1.6	88
69	In Vivo Visualization and Monitoring of Viable Neural Stem Cells Using Noninvasive Bioluminescence Imaging in the 6-Hydroxydopamine-Induced Mouse Model of Parkinson Disease. <i>Molecular Imaging</i> , 2013, 12, 7290.2012.00035.	0.7	12
70	Interferon- $\gamma$ Delivery via Human Neural Stem Cell Abates Glial Scar Formation in Spinal Cord Injury. <i>Cell Transplantation</i> , 2013, 22, 2187-2201.	1.2	30
71	Adenosine potentiates the therapeutic effects of neural stem cells expressing cytosine deaminase against metastatic brain tumors. <i>Oncology Reports</i> , 2013, 30, 1101-1106.	1.2	2
72	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.	1.2	47

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73	Pancreatic tumor mass in a xenograft mouse model is decreased by treatment with therapeutic stem cells following introduction of therapeutic genes. <i>Oncology Reports</i> , 2013, 30, 1129-1136.	1.2	7
74	Development and application of neural stem cells for treating various human neurological diseases in animal models. <i>Laboratory Animal Research</i> , 2013, 29, 131.	1.1	23
75	Selective Delivery of a Therapeutic Gene for Treatment of Head and Neck Squamous Cell Carcinoma Using Human Neural Stem Cells. <i>Clinical and Experimental Otorhinolaryngology</i> , 2013, 6, 176.	1.1	8
76	Regenerative Medicine in the Central Nervous System: Stem Cell-Based Cell- and Gene-Therapy. , 2013, , 695-727.		0
77	Intranasal Delivery of Neural Stem/Progenitor Cells: A Noninvasive Passage to Target Intracerebral Glioma. <i>Stem Cells Translational Medicine</i> , 2012, 1, 866-873.	1.6	89
78	Effects of Genetically Engineered Stem Cells Expressing Cytosine Deaminase and Interferon-Beta or Carboxyl Esterase on the Growth of LNCaP Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12519-12532.	1.8	14
79	Stem cells with fused gene expression of cytosine deaminase and interferon- $\beta$ migrate to human gastric cancer cells and result in synergistic growth inhibition for potential therapeutic use. <i>International Journal of Oncology</i> , 2012, 40, 1097-1104.	1.4	37
80	Human Neural Stem Cells Genetically Modified to Express Human Nerve Growth Factor (NGF) Gene Restore Cognition in the Mouse with Ibotenic Acid-Induced Cognitive Dysfunction. <i>Cell Transplantation</i> , 2012, 21, 2487-2496.	1.2	78
81	Human Neural Stem Cells Overexpressing Choline Acetyltransferase Restore Cognitive Function of Kainic Acid-Induced Learning and Memory Deficit Animals. <i>Cell Transplantation</i> , 2012, 21, 365-371.	1.2	94
82	Inhibition of Collagen Deposit in Obstructed Rat Bladder Outlet by Transplantation of Superparamagnetic Iron Oxide-Labeled Human Mesenchymal Stem Cells as Monitored by Molecular Magnetic Resonance Imaging (MRI). <i>Cell Transplantation</i> , 2012, 21, 959-970.	1.2	41
83	Mesenchymal Stem Cells Overexpressing Hepatocyte Growth Factor (HGF) Inhibit Collagen Deposit and Improve Bladder Function in Rat Model of Bladder Outlet Obstruction. <i>Cell Transplantation</i> , 2012, 21, 1641-1650.	1.2	61
84	Antitumor effects of genetically engineered stem cells expressing yeast cytosine deaminase in lung cancer brain metastases via their tumor-tropic properties. <i>Oncology Reports</i> , 2012, 27, 1823-8.	1.2	34
85	Therapeutic potential of stem cells expressing suicide genes that selectively target human breast cancer cells: Evidence that they exert tumoricidal effects via tumor tropism. <i>International Journal of Oncology</i> , 2012, 41, 798-804.	1.4	30
86	Quantitative proteomic analysis reveals that lipopolysaccharide induces mitogen-activated protein kinase-dependent activation in human microglial cells. <i>Electrophoresis</i> , 2012, 33, 3756-3763.	1.3	10
87	Therapeutic effect of genetically modified human neural stem cells encoding cytosine deaminase on experimental glioma. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 534-540.	1.0	28
88	Induction of Neuronal Death by Microglial AGE-Albumin: Implications for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e37917.	1.1	66
89	Human Neural Stem Cell Tropism to Metastatic Breast Cancer. <i>Stem Cells</i> , 2012, 30, 314-325.	1.4	71
90	Transgenic mice expressing yellow fluorescent protein under control of the human tyrosine hydroxylase promoter. <i>Journal of Neuroscience Research</i> , 2012, 90, 1949-1959.	1.3	5

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91	Generation of Cancerous Neural Stem Cells Forming Glial Tumor by Oncogenic Stimulation. Stem Cell Reviews and Reports, 2012, 8, 532-545.	5.6	17
92	Human neural stem cells over-expressing choline acetyltransferase restore cognition in rat model of cognitive dysfunction. Experimental Neurology, 2012, 234, 521-526.	2.0	97
93	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.	0.8	6
94	Genetically engineered human neural stem cells with rabbit carboxyl esterase can target brain metastasis from breast cancer. Cancer Letters, 2011, 311, 152-159.	3.2	43
95	Cystatin C induces apoptosis and tyrosine hydroxylase gene expression through JNK-dependent pathway in neuronal cells. Neuroscience Letters, 2011, 496, 100-105.	1.0	14
96	Direct Generation of Neurosphere-Like Cells from Human Dermal Fibroblasts. PLoS ONE, 2011, 6, e21801.	1.1	18
97	Combination of Multifaceted Strategies to Maximize the Therapeutic Benefits of Neural Stem Cell Transplantation for Spinal Cord Repair. Cell Transplantation, 2011, 20, 1361-1380.	1.2	63
98	Genetically engineered stem cells expressing cytosine deaminase and interferon- $\beta$ migrate to human lung cancer cells and have potentially therapeutic anti-tumor effects. International Journal of Oncology, 2011, 39, 833-9.	1.4	12
99	Mesenchymal stem cell transplantation modulates neuroinflammation in focal cerebral ischemia: Contribution of fractalkine and IL-5. Neurobiology of Disease, 2011, 41, 717-724.	2.1	88
100	Non-phosphorylated FTY720 Induces Apoptosis of Human Microglia by Activating SREBP2. Cellular and Molecular Neurobiology, 2011, 31, 1009-1020.	1.7	26
101	Neural Stem Cell-based Gene Therapy for Brain Tumors. Stem Cell Reviews and Reports, 2011, 7, 130-140.	5.6	54
102	Self-renewal induced efficiently, safely, and effectively therapeutically with one regulatable gene in a human somatic progenitor cell. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4876-4881.	3.3	32
103	Paxilline enhances TRAIL-mediated apoptosis of glioma cells via modulation of c-FLIP, survivin and DR5. Experimental and Molecular Medicine, 2011, 43, 24.	3.2	38
104	Effects of Duplicate Administration of Human Neural Stem Cell After Focal Cerebral Ischemia in the Rat. International Journal of Neuroscience, 2011, 121, 457-461.	0.8	20
105	Regenerative Medicine in the Central Nervous System: Stem Cell-Based Gene-Therapy. , 2011, , 579-604.		0
106	Combined treatment of tumor-tropic human neural stem cells containing the CD suicide gene effectively targets brain tumors provoking a mild immune response. Oncology Reports, 2011, 25, 63-8.	1.2	12
107	Potential tumor-tropic effect of genetically engineered stem cells expressing suicide enzymes to selectively target invasive cancer in animal models. Anticancer Research, 2011, 31, 1249-58.	0.5	15
108	Antitumor therapeutic effects of cytosine deaminase and interferon- $\beta$ against endometrial cancer cells using genetically engineered stem cells in vitro. Anticancer Research, 2011, 31, 2853-61.	0.5	18

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109	Transplantation of human mesenchymal stem cells promotes functional improvement and increased expression of neurotrophic factors in a rat focal cerebral ischemia model. <i>Journal of Neuroscience Research</i> , 2010, 88, 1017-1025.	1.3	209
110	Therapeutic Targeting of Melanoma Cells Using Neural Stem Cells Expressing Carboxylesterase, a CPT-11 Activating Enzyme. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 273-276.	0.6	26
111	Stereological Analysis on Migration of Human Neural Stem Cells in the Brain of Rats Bearing Glioma. <i>Neurosurgery</i> , 2010, 66, 333-342.	0.6	32
112	Enhanced Reclosure of Surgically Induced Spinal Open Neural Tube Defects in Chick Embryos by Injecting Human Bone Marrow Stem Cells Into the Amniotic Cavity. <i>Neurosurgery</i> , 2010, 67, 129-135.	0.6	20
113	Stable Expression of Neurogenin 1 Induces LGR5, a Novel Stem Cell Marker, in an Immortalized Human Neural Stem Cell Line HB1.F3. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 415-426.	1.7	17
114	Midkine, heparin-binding growth factor, blocks kainic acid-induced seizure and neuronal cell death in mouse hippocampus. <i>BMC Neuroscience</i> , 2010, 11, 42.	0.8	26
115	Microglia transplantation attenuates white matter injury in rat chronic ischemia model via matrix metalloproteinase-2 inhibition. <i>Brain Research</i> , 2010, 1316, 145-152.	1.1	35
116	Effective ex vivo expansion of hematopoietic stem cells using osteoblast-derived mesenchymal stem cells is CXCL12 dependent. <i>European Journal of Haematology</i> , 2010, 84, 538-546.	1.1	54
117	Human neural stem cells genetically modified to overexpress brain-derived neurotrophic factor promote functional recovery and neuroprotection in a mouse stroke model. <i>Journal of Neuroscience Research</i> , 2010, 88, 3282-3294.	1.3	136
118	Influence of the prodrugs 5-fluorocytosine and CPT-11 on ovarian cancer cells using genetically engineered stem cells: tumor-tropic potential and inhibition of ovarian cancer cell growth. <i>Cancer Science</i> , 2010, 101, 955-962.	1.7	35
119	Human Microglia Transplanted in Rat Focal Ischemia Brain Induce Neuroprotection and Behavioral Improvement. <i>PLoS ONE</i> , 2010, 5, e11746.	1.1	95
120	Organotypic Spinal Cord Slice Culture to Study Neural Stem/Progenitor Cell Microenvironment in the Injured Spinal Cord. <i>Experimental Neurobiology</i> , 2010, 19, 106-113.	0.7	20
121	Selective Susceptibility of Human Dopaminergic Neural Stem Cells to Dopamine-Induced Apoptosis. <i>Experimental Neurobiology</i> , 2010, 19, 155-164.	0.7	15
122	Using a Neodymium Magnet to Target Delivery of Ferumoxide-Labeled Human Neural Stem Cells in a Rat Model of Focal Cerebral Ischemia. <i>Human Gene Therapy</i> , 2010, 21, 603-610.	1.4	47
123	Capsaicin sensitizes malignant glioma cells to TRAIL-mediated apoptosis via DR5 upregulation and survivin downregulation. <i>Carcinogenesis</i> , 2010, 31, 367-375.	1.3	65
124	Microglia as immune effectors of the central nervous system: Expression of cytokines and chemokines. <i>Clinical and Experimental Neuroimmunology</i> , 2010, 1, 61-69.	0.5	2
125	Implantation of polymer scaffolds seeded with neural stem cells in a canine spinal cord injury model. <i>Cytotherapy</i> , 2010, 12, 841-845.	0.3	52
126	Influence of the prodrugs 5-fluorocytosine and CPT-11 on ovarian cancer cells using genetically engineered stem cells: tumor-tropic potential and inhibition of ovarian cancer cell growth. <i>Cancer Science</i> , 2010, , .	1.7	0



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127	Iron Labeling and Pre-Clinical MRI Visualization of Therapeutic Human Neural Stem Cells in a Murine Glioma Model. PLoS ONE, 2009, 4, e7218.	1.1	82
128	Ex Vivo VEGF Delivery by Neural Stem Cells Enhances Proliferation of Glial Progenitors, Angiogenesis, and Tissue Sparing after Spinal Cord Injury. PLoS ONE, 2009, 4, e4987.	1.1	93
129	Targeting Rat Brainstem Glioma Using Human Neural Stem Cells and Human Mesenchymal Stem Cells. Clinical Cancer Research, 2009, 15, 4925-4934.	3.2	108
130	Effects of human neural stem cell transplantation in canine spinal cord hemisection. Neurological Research, 2009, 31, 996-1002.	0.6	52
131	Human Neural Stem Cells Can Target and Deliver Therapeutic Genes to Breast Cancer Brain Metastases. Molecular Therapy, 2009, 17, 570-575.	3.7	62
132	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.	0.8	85
133	Vascular endothelial growth factor-stimulated cerebral microvascular endothelial cells mediate the recruitment of neural stem cells to the neurovascular niche. Brain Research, 2009, 1268, 24-37.	1.1	75
134	Lysophosphatidylcholine induces glial cell activation: Role of rho kinase. Glia, 2009, 57, 898-907.	2.5	50
135	Soluble mediators from human neural stem cells play a critical role in suppression of T cell activation and proliferation. Journal of Neuroscience Research, 2009, 87, 2264-2272.	1.3	43
136	Stem cell-based cell therapy in neurological diseases: A review. Journal of Neuroscience Research, 2009, 87, 2183-2200.	1.3	387
137	Overexpression of Bcl-2 in human neural stem cells promotes graft survival and functional recovery following transplantation in spinal cord injury. Journal of Neuroscience Research, 2009, 87, 3186-3197.	1.3	41
138	Neural progenitor cell-mediated delivery of osteoprotegerin limits disease progression in a preclinical model of neuroblastoma bone metastasis. Journal of Pediatric Surgery, 2009, 44, 204-211.	0.8	16
139	MRI tracking of intravenously transplanted human neural stem cells in rat focal ischemia model. Neuroscience Research, 2009, 64, 235-239.	1.0	50
140	Gene Expression Profiling of Human Neural Progenitor Cells Following the Serum-Induced Astrocyte Differentiation. Cellular and Molecular Neurobiology, 2009, 29, 423-438.	1.7	53
141	Neural Stem Cells as a Novel Platform for Tumor-Specific Delivery of Therapeutic Antibodies. PLoS ONE, 2009, 4, e8314.	1.1	63
142	Culture System for Rodent and Human Oligodendrocyte Specification, Lineage Progression, and Maturation. Current Protocols in Stem Cell Biology, 2009, 10, Unit 2D.4.	3.0	17
143	Human Neural Stem Cells Genetically Modified to Overexpress Akt1 Provide Neuroprotection and Functional Improvement in Mouse Stroke Model. PLoS ONE, 2009, 4, e5586.	1.1	76
144	Real-time in vivo monitoring of viable stem cells implanted on biocompatible scaffolds. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 1887-1898.	3.3	33

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145	Neural Progenitor Cell-mediated Delivery of Interferon Beta Improves Neuroblastoma Response to Cyclophosphamide. <i>Annals of Surgical Oncology</i> , 2008, 15, 3259-67.	0.7	9
146	Neural Stem Cell Targeting of Glioma Is Dependent on Phosphoinositide 3-Kinase Signaling. <i>Stem Cells</i> , 2008, 26, 1575-1586.	1.4	101
147	Neural Induction with Neurogenin1 Increases the Therapeutic Effects of Mesenchymal Stem Cells in the Ischemic Brain. <i>Stem Cells</i> , 2008, 26, 2217-2228.	1.4	88
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