

Seung U Kim

List of Publications by Year in descending order

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360
papers

21,102
citations

6592

79
h-index

15218

126
g-index

362
all docs

362
docs citations

362
times ranked

19432
citing authors

#	ARTICLE	IF	CITATIONS
1	Engraftable human neural stem cells respond to development cues, replace neurons, and express foreign genes. <i>Nature Biotechnology</i> , 1998, 16, 1033-1039.	9.4	760
2	Microglia in health and disease. <i>Journal of Neuroscience Research</i> , 2005, 81, 302-313.	1.3	601
3	Length of huntingtin and its polyglutamine tract influences localization and frequency of intracellular aggregates. <i>Nature Genetics</i> , 1998, 18, 150-154.	9.4	456
4	Anti-inflammatory mechanism of intravascular neural stem cell transplantation in haemorrhagic stroke. <i>Brain</i> , 2008, 131, 616-629.	3.7	412
5	Stem cell-based cell therapy in neurological diseases: A review. <i>Journal of Neuroscience Research</i> , 2009, 87, 2183-2200.	1.3	387
6	Human Neural Stem Cell Transplantation Promotes Functional Recovery in Rats With Experimental Intracerebral Hemorrhage. <i>Stroke</i> , 2003, 34, 2258-2263.	1.0	345
7	Behavioral improvement in a primate Parkinson's model is associated with multiple homeostatic effects of human neural stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12175-12180.	3.3	339
8	Cytokines, chemokines, and cytokine receptors in human microglia. <i>Journal of Neuroscience Research</i> , 2002, 69, 94-103.	1.3	318
9	Human Astrocytes: Secretome Profiles of Cytokines and Chemokines. <i>PLoS ONE</i> , 2014, 9, e92325.	1.1	303
10	Erythropoietin and Erythropoietin Receptors in Human CNS Neurons, Astrocytes, Microglia, and Oligodendrocytes Grown in Culture. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001, 60, 386-392.	0.9	270
11	Transplantation of Human Neural Stem Cells Exerts Neuroprotection in a Rat Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2006, 26, 12497-12511.	1.7	266
12	Cyclooxygenase-2 inhibitor, celecoxib, inhibits the altered hippocampal neurogenesis with attenuation of spontaneous recurrent seizures following pilocarpine-induced status epilepticus. <i>Neurobiology of Disease</i> , 2006, 23, 237-246.	2.1	258
13	Sodium Selenite Induces Superoxide-Mediated Mitochondrial Damage and Subsequent Autophagic Cell Death in Malignant Glioma Cells. <i>Cancer Research</i> , 2007, 67, 6314-6324.	0.4	236
14	Segregation of Human Neural Stem Cells in the Developing Primate Forebrain. <i>Science</i> , 2001, 293, 1820-1824.	6.0	228
15	Human neural stem cells improve sensorimotor deficits in the adult rat brain with experimental focal ischemia. <i>Brain Research</i> , 2004, 1016, 145-153.	1.1	227
16	Human Neural Stem Cells Over-Expressing VEGF Provide Neuroprotection, Angiogenesis and Functional Recovery in Mouse Stroke Model. <i>PLoS ONE</i> , 2007, 2, e156.	1.1	217
17	Fractalkine and fractalkine receptors in human neurons and glial cells. <i>Journal of Neuroscience Research</i> , 2002, 69, 418-426.	1.3	215
18	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

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19	Human neural stem cells genetically modified for brain repair in neurological disorders. <i>Neuropathology</i> , 2004, 24, 159-171.	0.7	208
20	Brain Transplantation of Immortalized Human Neural Stem Cells Promotes Functional Recovery in Mouse Intracerebral Hemorrhage Stroke Model. <i>Stem Cells</i> , 2007, 25, 1204-1212.	1.4	206
21	Human Neural Stem Cells Target Experimental Intracranial Medulloblastoma and Deliver a Therapeutic Gene Leading to Tumor Regression. <i>Clinical Cancer Research</i> , 2006, 12, 5550-5556.	3.2	197
22	Neural Stem Cell-Mediated Enzyme/Prodrug Therapy for Glioma: Preclinical Studies. <i>Science Translational Medicine</i> , 2013, 5, 184ra59.	5.8	194
23	Human neural stem cells can migrate, differentiate, and integrate after intravenous transplantation in adult rats with transient forebrain ischemia. <i>Neuroscience Letters</i> , 2003, 343, 129-133.	1.0	185
24	Brain Tumor Tropism of Transplanted Human Neural Stem Cells Is Induced by Vascular Endothelial Growth Factor. <i>Neoplasia</i> , 2005, 7, 623-630.	2.3	185
25	Proactive transplantation of human neural stem cells prevents degeneration of striatal neurons in a rat model of Huntington disease. <i>Neurobiology of Disease</i> , 2004, 16, 68-77.	2.1	164
26	Thrombin-Induced Microglial Activation Produces Degeneration of Nigral Dopaminergic Neurons In Vivo. <i>Journal of Neuroscience</i> , 2003, 23, 5877-5886.	1.7	157
27	Neural Stem Cell Tropism to Glioma: Critical Role of Tumor Hypoxia. <i>Molecular Cancer Research</i> , 2008, 6, 1819-1829.	1.5	156
28	Modulation of the Purinergic P2X7 Receptor Attenuates Lipopolysaccharide-Mediated Microglial Activation and Neuronal Damage in Inflamed Brain. <i>Journal of Neuroscience</i> , 2007, 27, 4957-4968.	1.7	154
29	Transient Receptor Potential Vanilloid Subtype 1 Mediates Cell Death of Mesencephalic Dopaminergic Neurons In Vivo and In Vitro. <i>Journal of Neuroscience</i> , 2005, 25, 662-671.	1.7	146
30	Transient Receptor Potential Vanilloid Subtype 1 Mediates Microglial Cell Death In Vivo and In Vitro via Ca ²⁺ -Mediated Mitochondrial Damage and Cytochrome <i>c</i> Release. <i>Journal of Immunology</i> , 2006, 177, 4322-4329.	0.4	146
31	Neural Stem Cell-Mediated Intratumoral Delivery of Gold Nanorods Improves Photothermal Therapy. <i>ACS Nano</i> , 2014, 8, 12450-12460.	7.3	139
32	Intravenous administration of human neural stem cells induces functional recovery in Huntington's disease rat model. <i>Neuroscience Research</i> , 2005, 52, 243-249.	1.0	136
33	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
34	Neural stem cell-based treatment for neurodegenerative diseases. <i>Neuropathology</i> , 2013, 33, 491-504.	0.7	135
35	Silibinin Sensitizes Human Glioma Cells to TRAIL-Mediated Apoptosis via DR5 Up-regulation and Down-regulation of c-FLIP and Survivin. <i>Cancer Research</i> , 2007, 67, 8274-8284.	0.4	130
36	T-cell costimulatory molecules B7-1 (CD80) and B7-2 (CD86) are expressed in human microglia but not in astrocytes in culture. <i>Brain Research</i> , 1995, 704, 92-96.	1.1	128

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37	Roscovotine sensitizes glioma cells to TRAIL-mediated apoptosis by downregulation of survivin and XIAP. <i>Oncogene</i> , 2004, 23, 446-456.	2.6	128
38	PEX-Producing Human Neural Stem Cells Inhibit Tumor Growth in a Mouse Glioma Model. <i>Clinical Cancer Research</i> , 2005, 11, 5965-5970.	3.2	128
39	Tumor-Targeted Enzyme/Prodrug Therapy Mediates Long-term Disease-Free Survival of Mice Bearing Disseminated Neuroblastoma. <i>Cancer Research</i> , 2007, 67, 22-25.	0.4	127
40	Minocycline inhibits neuronal death and glial activation induced by β -amyloid peptide in rat hippocampus. <i>Glia</i> , 2004, 48, 85-90.	2.5	125
41	Development of a Tumor-Selective Approach to Treat Metastatic Cancer. <i>PLoS ONE</i> , 2006, 1, e23.	1.1	111
42	Intravenously transplanted human neural stem cells migrate to the injured spinal cord in adult mice in an SDF-1- and HGF-dependent manner. <i>Neuroscience Letters</i> , 2007, 426, 69-74.	1.0	110
43	p38 MAP KINASE REGULATES TNF- α PRODUCTION IN HUMAN ASTROCYTES AND MICROGLIA BY MULTIPLE MECHANISMS. <i>Cytokine</i> , 2000, 12, 874-880.	1.4	109
44	Multilineage Potential of Stable Human Mesenchymal Stem Cell Line Derived from Fetal Marrow. <i>PLoS ONE</i> , 2007, 2, e1272.	1.1	108
45	Targeting Rat Brainstem Glioma Using Human Neural Stem Cells and Human Mesenchymal Stem Cells. <i>Clinical Cancer Research</i> , 2009, 15, 4925-4934.	3.2	108
46	Urokinase Plasminogen Activator and Urokinase Plasminogen Activator Receptor Mediate Human Stem Cell Tropism to Malignant Solid Tumors. <i>Stem Cells</i> , 2008, 26, 1406-1413.	1.4	106
47	Methylmercury Neurotoxicity in Cultures of Human Neurons, Astrocytes, Neuroblastoma Cells. <i>NeuroToxicology</i> , 2001, 22, 317-327.	1.4	105
48	Inhibition of thrombin-induced microglial activation and NADPH oxidase by minocycline protects dopaminergic neurons in the substantia nigra in vivo. <i>Journal of Neurochemistry</i> , 2005, 95, 1755-1765.	2.1	104
49	ORIGIN, DEVELOPMENT, AND NATURE OF INTRANUCLEAR RODLETS AND ASSOCIATED BODIES IN CHICKEN SYMPATHETIC NEURONS. <i>Journal of Cell Biology</i> , 1970, 44, 172-191.	2.3	102
50	Adenosine triphosphate induces proliferation of human neural stem cells: Role of calcium and p70 ribosomal protein S6 kinase. <i>Journal of Neuroscience Research</i> , 2003, 72, 352-362.	1.3	101
51	Neural Stem Cell Targeting of Glioma Is Dependent on Phosphoinositide 3-Kinase Signaling. <i>Stem Cells</i> , 2008, 26, 1575-1586.	1.4	101
52	Stem Cell-Based Cell Therapy for Spinal Cord Injury. <i>Cell Transplantation</i> , 2007, 16, 355-364.	1.2	99
53	Culture of purified rat astrocytes in serum-free medium supplemented with mitogen. <i>Brain Research</i> , 1983, 274, 79-86.	1.1	98
54	Human neural stem cells over-expressing choline acetyltransferase restore cognition in rat model of cognitive dysfunction. <i>Experimental Neurology</i> , 2012, 234, 521-526.	2.0	97

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55	Interleukin-15 gene expression in human astrocytes and microglia in culture. <i>NeuroReport</i> , 1996, 7, 1062-1066.	0.6	96
56	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
57	Human Microglia Transplanted in Rat Focal Ischemia Brain Induce Neuroprotection and Behavioral Improvement. <i>PLoS ONE</i> , 2010, 5, e11746.	1.1	95
58	Upregulation of Protease-Activated Receptor-1 in Astrocytes in Parkinson Disease: Astrocyte-Mediated Neuroprotection Through Increased Levels of Glutathione Peroxidase. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 66-77.	0.9	94
59	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
60	Oligodendroglial cell death induced by oxygen radicals and its protection by catalase. <i>Journal of Neuroscience Research</i> , 1991, 29, 100-106.	1.3	93
61	Ex Vivo VEGF Delivery by Neural Stem Cells Enhances Proliferation of Glial Progenitors, Angiogenesis, and Tissue Sparing after Spinal Cord Injury. <i>PLoS ONE</i> , 2009, 4, e4987.	1.1	93
62	Neural progenitor NT2N cell lines from teratocarcinoma for transplantation therapy in stroke. <i>Progress in Neurobiology</i> , 2008, 85, 318-334.	2.8	92
63	Chromatin Regulator PRC2 Is a Key Regulator of Epigenetic Plasticity in Glioblastoma. <i>Cancer Research</i> , 2013, 73, 4559-4570.	0.4	91
64	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
65	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
66	Midkine that promotes survival of fetal human neurons is produced by fetal human astrocytes in culture. <i>Developmental Brain Research</i> , 1993, 75, 201-205.	2.1	88
67	Brain transplantation of human neural stem cells transduced with tyrosine hydroxylase and GTP cyclohydrolase 1 provides functional improvement in animal models of Parkinson disease. <i>Neuropathology</i> , 2006, 26, 129-140.	0.7	88
68	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
69	Mesenchymal stem cell transplantation modulates neuroinflammation in focal cerebral ischemia: Contribution of fractalkine and IL-5. <i>Neurobiology of Disease</i> , 2011, 41, 717-724.	2.1	88
70	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
71	Long-term culture of human oligodendrocytes. <i>Journal of the Neurological Sciences</i> , 1983, 62, 295-301.	0.3	86
72	Phosphatidylinositol-3 Kinase/Akt and GSK-3 Mediated Cytoprotective Effect of Epigallocatechin Gallate on Oxidative Stress-Injured Neuronal-Differentiated N18D3 Cells. <i>NeuroToxicology</i> , 2004, 25, 793-802.	1.4	85

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73	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.	0.8	85
74	Granulocyte colony-stimulating factor stimulates neurogenesis via vascular endothelial growth factor with STAT activation. <i>Brain Research</i> , 2006, 1073-1074, 190-201.	1.1	84
75	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
76	Cisplatin-Induced Apoptotic Cell Death in Mouse Hybrid Neurons Is Blocked by Antioxidants Through Suppression of Cisplatin-Mediated Accumulation of p53 but Not of Fas/Fas Ligand. <i>Journal of Neurochemistry</i> , 2002, 75, 946-953.	2.1	82
77	IL-8 enhancement of amyloid-beta (A β 1-42)-induced expression and production of pro-inflammatory cytokines and COX-2 in cultured human microglia. <i>Journal of Neuroimmunology</i> , 2005, 159, 66-74.	1.1	82
78	Iron Labeling and Pre-Clinical MRI Visualization of Therapeutic Human Neural Stem Cells in a Murine Glioma Model. <i>PLoS ONE</i> , 2009, 4, e7218.	1.1	82
79	Antigen expression by glial cells grown in culture. <i>Journal of Neuroimmunology</i> , 1985, 8, 255-282.	1.1	81
80	Sonic hedgehog and FGF8 collaborate to induce dopaminergic phenotypes in the Nurr1-overexpressing neural stem cell. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 1040-1048.	1.0	79
81	Combined treatment of vascular endothelial growth factor and human neural stem cells in experimental focal cerebral ischemia. <i>Neuroscience Research</i> , 2005, 53, 384-390.	1.0	79
82	A new double labelling immunofluorescence technique for the determination of proliferation of human astrocytes in culture. <i>Journal of Neuroscience Methods</i> , 1987, 21, 9-16.	1.3	78
83	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
84	Human Microglial Cells Synthesize Albumin in Brain. <i>PLoS ONE</i> , 2008, 3, e2829.	1.1	76
85	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
86	Human Neural Stem Cells Genetically Modified to Overexpress Akt1 Provide Neuroprotection and Functional Improvement in Mouse Stroke Model. <i>PLoS ONE</i> , 2009, 4, e5586.	1.1	76
87	Vascular endothelial growth factor-stimulated cerebral microvascular endothelial cells mediate the recruitment of neural stem cells to the neurovascular niche. <i>Brain Research</i> , 2009, 1268, 24-37.	1.1	75
88	Inhibition of lipopolysaccharide-induced cyclooxygenase-2, tumor necrosis factor- α and [Ca $^{2+}$] $_i$ responses in human microglia by the peripheral benzodiazepine receptor ligand PK11195. <i>Journal of Neurochemistry</i> , 2002, 83, 546-555.	2.1	73
89	Microglial activation and cell death induced by the mitochondrial toxin 3-nitropropionic acid: in vitro and in vivo studies. <i>Neurobiology of Disease</i> , 2003, 12, 121-132.	2.1	73
90	Sodium butyrate sensitizes human glioma cells to TRAIL-mediated apoptosis through inhibition of Cdc2 and the subsequent downregulation of survivin and XIAP. <i>Oncogene</i> , 2005, 24, 6877-6889.	2.6	73

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91	ATP-induced in vivo neurotoxicity in the rat striatum via P2 receptors. <i>NeuroReport</i> , 2002, 13, 1611-1615.	0.6	72
92	Human Neural Stem Cell Tropism to Metastatic Breast Cancer. <i>Stem Cells</i> , 2012, 30, 314-325.	1.4	71
93	HSP72 induction by heat stress in human neurons and glial cells in culture. <i>Brain Research</i> , 1994, 653, 243-250.	1.1	70
94	Genetically engineered human neural stem cells for brain repair in neurological diseases. <i>Brain and Development</i> , 2007, 29, 193-201.	0.6	70
95	Growth factors for human glial cells in culture. <i>Glia</i> , 1988, 1, 113-123.	2.5	69
96	Co-expression of mRNA for Neurotrophic Factors in Human Neurons and Glial Cells in Culture. <i>Journal of Neuropathology and Experimental Neurology</i> , 1994, 53, 78-85.	0.9	69
97	Perturbations in calcium-mediated signal transduction in microglia from Alzheimer's disease patients. <i>Journal of Neuroscience Research</i> , 2005, 81, 426-435.	1.3	69
98	Production and Characterization of Immortal Human Neural Stem Cell Line with Multipotent Differentiation Property. <i>Methods in Molecular Biology</i> , 2008, 438, 103-121.	0.4	69
99	Insulin: is it a nerve survival factor. <i>Brain Research</i> , 1980, 196, 565-571.	1.1	67
100	Arsenic Trioxide Sensitizes Human Glioma Cells, but not Normal Astrocytes, to TRAIL-Induced Apoptosis via CCAAT/Enhancer-Binding Protein Homologous Protein-Dependent DR5 Up-regulation. <i>Cancer Research</i> , 2008, 68, 266-275.	0.4	67
101	Induction of Neuronal Death by Microglial AGE-Albumin: Implications for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e37917.	1.1	66
102	Amyloid β peptide-induced corpus callosum damage and glial activation in vivo. <i>NeuroReport</i> , 2003, 14, 1429-1433.	0.6	65
103	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
104	Neural Stem Cells as a Novel Platform for Tumor-Specific Delivery of Therapeutic Antibodies. <i>PLoS ONE</i> , 2009, 4, e8314.	1.1	63
105	Combination of Multifaceted Strategies to Maximize the Therapeutic Benefits of Neural Stem Cell Transplantation for Spinal Cord Repair. <i>Cell Transplantation</i> , 2011, 20, 1361-1380.	1.2	63
106	Vasculogenesis in Experimental Stroke After Human Cerebral Endothelial Cell Transplantation. <i>Stroke</i> , 2013, 44, 3473-3481.	1.0	63
107	Role of Extracellular Signal-Regulated Protein Kinases 1 and 2 in Oligodendroglial Process Extension. <i>Journal of Neurochemistry</i> , 1997, 68, 945-953.	2.1	62
108	Human Neural Stem Cells Can Target and Deliver Therapeutic Genes to Breast Cancer Brain Metastases. <i>Molecular Therapy</i> , 2009, 17, 570-575.	3.7	62

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109	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
110	Observations on cerebellar granule cells in tissue culture. <i>Cell and Tissue Research</i> , 1970, 107, 454-465.	1.5	60
111	Midkine, a novel neurotrophic factor, promotes survival of mesencephalic neurons in culture. <i>Neuroscience Letters</i> , 1993, 160, 9-12.	1.0	60
112	Growth factors for fetal and adult human astrocytes in culture. <i>Brain Research</i> , 1988, 444, 59-66.	1.1	59
113	Gold Nanoparticle-Loaded Neural Stem Cells for Photothermal Ablation of Cancer. <i>Advanced Healthcare Materials</i> , 2013, 2, 976-982.	3.9	59
114	Distribution and in situ proliferation patterns of intravenously injected immortalized human neural stem-like cells in rats with focal cerebral ischemia. <i>Neuroscience Research</i> , 2004, 50, 459-465.	1.0	58
115	Broad-Spectrum Effects of 4-Aminopyridine to Modulate Amyloid beta1-42-Induced Cell Signaling and Functional Responses in Human Microglia. <i>Journal of Neuroscience</i> , 2006, 26, 11652-11664.	1.7	58
116	Alzheimer's Disease and Stem Cell Therapy. <i>Experimental Neurobiology</i> , 2014, 23, 45-52.	0.7	58
117	Trisialoganglioside GT1b induces in vivo degeneration of nigral dopaminergic neurons: Role of microglia. <i>Glia</i> , 2002, 38, 15-23.	2.5	55
118	Transplantation of human neural stem cells protect against ischemia in a preventive mode via hypoxia-inducible factor-1 α stabilization in the host brain. <i>Brain Research</i> , 2008, 1207, 182-192.	1.1	55
119	Human and Simian Glial Cells Infected by Human T-Lymphotropic Virus Type I in Culture. <i>Journal of Neuropathology and Experimental Neurology</i> , 1989, 48, 610-619.	0.9	54
120	Effective ex vivo expansion of hematopoietic stem cells using osteoblast-differentiated mesenchymal stem cells is CXCL12 dependent. <i>European Journal of Haematology</i> , 2010, 84, 538-546.	1.1	54
121	Neural Stem Cell-based Gene Therapy for Brain Tumors. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 130-140.	5.6	54
122	Multifocal CNS demyelination following peripheral inoculation with herpes simplex virus type 1. <i>Annals of Neurology</i> , 1987, 22, 52-59.	2.8	53
123	Gene Expression Profiling of Human Neural Progenitor Cells Following the Serum-Induced Astrocyte Differentiation. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 423-438.	1.7	53
124	Effects of human neural stem cell transplantation in canine spinal cord hemisection. <i>Neurological Research</i> , 2009, 31, 996-1002.	0.6	52
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	Transplantation of human sympathetic neurons and adrenal chromaffin cells into parkinsonian monkeys: no reversal of clinical symptoms. <i>Journal of the Neurological Sciences</i> , 1989, 94, 51-67.	0.3	51

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127	Blockade of quinolinic acid-induced neurotoxicity by pyruvate is associated with inhibition of glial activation in a model of Huntington's disease. <i>Experimental Neurology</i> , 2004, 187, 150-159.	2.0	51
128	Intravascular administration of tumor tropic neural progenitor cells permits targeted delivery of interferon- β and restricts tumor growth in a murine model of disseminated neuroblastoma. <i>Journal of Pediatric Surgery</i> , 2007, 42, 48-53.	0.8	51
129	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
130	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
131	Lysophosphatidylcholine induces glial cell activation: Role of rho kinase. <i>Glia</i> , 2009, 57, 898-907.	2.5	50
132	MRI tracking of intravenously transplanted human neural stem cells in rat focal ischemia model. <i>Neuroscience Research</i> , 2009, 64, 235-239.	1.0	50
133	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
134	Stem cell-based cell therapy for Huntington disease: A review. <i>Neuropathology</i> , 2008, 28, 1-9.	0.7	49
135	Bcl-2 blocks cisplatin-induced apoptosis by suppression of ERK-mediated p53 accumulation in B104 cells. <i>Molecular Brain Research</i> , 2001, 93, 18-26.	2.5	48
136	Noninvasive method of immortalized neural stem-like cell transplantation in an experimental model of Huntington's disease. <i>Journal of Neuroscience Methods</i> , 2006, 152, 250-254.	1.3	48
137	Cultured human and rat oligodendrocytes and rat schwann cells do not have immune response gene associated antigen (Ia) on their surface. <i>Brain Research</i> , 1983, 289, 285-292.	1.1	47
138	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
139	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
140	Neuronal cell death induced by cystatin C in vivo and in cultured human CNS neurons is inhibited with cathepsin B. <i>Brain Research</i> , 2005, 1066, 120-128.	1.1	46
141	Tissue culture of adult human neurons. <i>Neuroscience Letters</i> , 1979, 11, 137-141.	1.0	45
142	DEMONSTRATION IN TISSUE CULTURE OF MYELINOTOXICITY IN CEREBROSPINAL FLUID AND BRAIN EXTRACTS FROM MULTIPLE SCLEROSIS PATIENTS. <i>Journal of Neuropathology and Experimental Neurology</i> , 1970, 29, 420-431.	0.9	44
143	Expression of Ia antigens on the surface of human oligodendrocytes and astrocytes in culture. <i>Journal of Neuroimmunology</i> , 1985, 10, 141-149.	1.1	44
144	Immortalized human microglial cell line: Phenotypic expression. <i>Journal of Neuroscience Research</i> , 2005, 81, 342-348.	1.3	43

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145	Human neural crest stem cells transplanted in rat penile corpus cavernosum to repair erectile dysfunction. <i>BJU International</i> , 2008, 102, 220-224.	1.3	43
146	Soluble mediators from human neural stem cells play a critical role in suppression of T cell activation and proliferation. <i>Journal of Neuroscience Research</i> , 2009, 87, 2264-2272.	1.3	43
147	Genetically engineered human neural stem cells with rabbit carboxyl esterase can target brain metastasis from breast cancer. <i>Cancer Letters</i> , 2011, 311, 152-159.	3.2	43
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