

# Seung U 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.

360

papers

18,612

citations

73

h-index

118

g-index

362

ext. papers

19,724

ext. citations

5.2

avg, IF

6.44

L-index

#	Paper	IF	Citations
360	Engraftable human neural stem cells respond to developmental cues, replace neurons, and express foreign genes. <i>Nature Biotechnology</i> , <b>1998</b> , 16, 1033-9	44.5	686
359	Microglia in health and disease. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 81, 302-13	4.4	552
358	Length of huntingtin and its polyglutamine tract influences localization and frequency of intracellular aggregates. <i>Nature Genetics</i> , <b>1998</b> , 18, 150-4	36.3	423
357	Anti-inflammatory mechanism of intravascular neural stem cell transplantation in haemorrhagic stroke. <i>Brain</i> , <b>2008</b> , 131, 616-29	11.2	354
356	Stem cell-based cell therapy in neurological diseases: a review. <i>Journal of Neuroscience Research</i> , <b>2009</b> , 87, 2183-200	4.4	334
355	Human neural stem cell transplantation promotes functional recovery in rats with experimental intracerebral hemorrhage. <i>Stroke</i> , <b>2003</b> , 34, 2258-63	6.7	316
354	Behavioral improvement in a primate Parkinson $\beta$ 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> , <b>2007</b> , 104, 12175-80	11.5	299
353	Cytokines, chemokines, and cytokine receptors in human microglia. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 69, 94-103	4.4	285
352	Erythropoietin and erythropoietin receptors in human CNS neurons, astrocytes, microglia, and oligodendrocytes grown in culture. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2001</b> , 60, 386-92	3.1	240
351	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> , <b>2006</b> , 23, 237-46	7.5	235
350	Transplantation of human neural stem cells exerts neuroprotection in a rat model of Parkinson $\beta$ disease. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 12497-511	6.6	231
349	Human astrocytes: secretome profiles of cytokines and chemokines. <i>PLoS ONE</i> , <b>2014</b> , 9, e92325	3.7	227
348	Human neural stem cells improve sensorimotor deficits in the adult rat brain with experimental focal ischemia. <i>Brain Research</i> , <b>2004</b> , 1016, 145-53	3.7	212
347	Sodium selenite induces superoxide-mediated mitochondrial damage and subsequent autophagic cell death in malignant glioma cells. <i>Cancer Research</i> , <b>2007</b> , 67, 6314-24	10.1	207
346	Segregation of human neural stem cells in the developing primate forebrain. <i>Science</i> , <b>2001</b> , 293, 1820-4	33.3	198
345	Human neural stem cells genetically modified for brain repair in neurological disorders. <i>Neuropathology</i> , <b>2004</b> , 24, 159-71	2	191
344	Brain transplantation of immortalized human neural stem cells promotes functional recovery in mouse intracerebral hemorrhage stroke model. <i>Stem Cells</i> , <b>2007</b> , 25, 1204-12	5.8	184

343	Human neural stem cells over-expressing VEGF provide neuroprotection, angiogenesis and functional recovery in mouse stroke model. <i>PLoS ONE</i> , <b>2007</b> , 2, e156	3.7	182
342	Fractalkine and fractalkine receptors in human neurons and glial cells. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 69, 418-26	4.4	181
341	Human neural stem cells target experimental intracranial medulloblastoma and deliver a therapeutic gene leading to tumor regression. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 5550-6	12.9	177
340	Neural stem cell-mediated enzyme/prodrug therapy for glioma: preclinical studies. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 184ra59	17.5	175
339	Human neural stem cells can migrate, differentiate, and integrate after intravenous transplantation in adult rats with transient forebrain ischemia. <i>Neuroscience Letters</i> , <b>2003</b> , 343, 129-33	3.3	170
338	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> , <b>2010</b> , 88, 1017-25	4.4	167
337	Brain tumor tropism of transplanted human neural stem cells is induced by vascular endothelial growth factor. <i>Neoplasia</i> , <b>2005</b> , 7, 623-9	6.4	166
336	Thrombin-induced microglial activation produces degeneration of nigral dopaminergic neurons in vivo. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 5877-86	6.6	151
335	Proactive transplantation of human neural stem cells prevents degeneration of striatal neurons in a rat model of Huntington disease. <i>Neurobiology of Disease</i> , <b>2004</b> , 16, 68-77	7.5	144
334	Neural stem cell tropism to glioma: critical role of tumor hypoxia. <i>Molecular Cancer Research</i> , <b>2008</b> , 6, 1819-29	6.6	143
333	Modulation of the purinergic P2X7 receptor attenuates lipopolysaccharide-mediated microglial activation and neuronal damage in inflamed brain. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 4957-68	6.6	140
332	Transient receptor potential vanilloid subtype 1 mediates cell death of mesencephalic dopaminergic neurons in vivo and in vitro. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 662-71	6.6	132
331	Roscovitine sensitizes glioma cells to TRAIL-mediated apoptosis by downregulation of survivin and XIAP. <i>Oncogene</i> , <b>2004</b> , 23, 446-56	9.2	126
330	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> , <b>2007</b> , 67, 8274-84	10.1	125
329	Intravenous administration of human neural stem cells induces functional recovery in Huntington's disease rat model. <i>Neuroscience Research</i> , <b>2005</b> , 52, 243-9	2.9	120
328	Neural stem cell-mediated intratumoral delivery of gold nanorods improves photothermal therapy. <i>ACS Nano</i> , <b>2014</b> , 8, 12450-60	16.7	119
327	Transient receptor potential vanilloid subtype 1 mediates microglial cell death in vivo and in vitro via Ca <sup>2+</sup> -mediated mitochondrial damage and cytochrome c release. <i>Journal of Immunology</i> , <b>2006</b> , 177, 4322-9	5.3	117
326	PEX-producing human neural stem cells inhibit tumor growth in a mouse glioma model. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 5965-70	12.9	117

325	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> , <b>1995</b> , 704, 92-6	3.7	117
324	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> , <b>2010</b> , 88, 3282-94	4.4	116
323	Tumor-targeted enzyme/prodrug therapy mediates long-term disease-free survival of mice bearing disseminated neuroblastoma. <i>Cancer Research</i> , <b>2007</b> , 67, 22-5	10.1	114
322	Minocycline inhibits neuronal death and glial activation induced by beta-amyloid peptide in rat hippocampus. <i>Glia</i> , <b>2004</b> , 48, 85-90	9	109
321	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> , <b>2007</b> , 426, 69-74	3.3	102
320	p38 map kinase regulates TNF-alpha production in human astrocytes and microglia by multiple mechanisms. <i>Cytokine</i> , <b>2000</b> , 12, 874-80	4	101
319	Development of a tumor-selective approach to treat metastatic cancer. <i>PLoS ONE</i> , <b>2006</b> , 1, e23	3.7	100
318	Neural stem cell-based treatment for neurodegenerative diseases. <i>Neuropathology</i> , <b>2013</b> , 33, 491-504	2	99
317	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> , <b>2005</b> , 95, 1755-65	6	99
316	Targeting rat brainstem glioma using human neural stem cells and human mesenchymal stem cells. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 4925-34	12.9	98
315	Multilineage potential of stable human mesenchymal stem cell line derived from fetal marrow. <i>PLoS ONE</i> , <b>2007</b> , 2, e1272	3.7	97
314	Culture of purified rat astrocytes in serum-free medium supplemented with mitogen. <i>Brain Research</i> , <b>1983</b> , 274, 79-86	3.7	97
313	Urokinase plasminogen activator and urokinase plasminogen activator receptor mediate human stem cell tropism to malignant solid tumors. <i>Stem Cells</i> , <b>2008</b> , 26, 1406-13	5.8	95
312	Neural stem cell targeting of glioma is dependent on phosphoinositide 3-kinase signaling. <i>Stem Cells</i> , <b>2008</b> , 26, 1575-86	5.8	94
311	Origin, development, and nature of intranuclear rodlets and associated bodies in chicken sympathetic neurons. <i>Journal of Cell Biology</i> , <b>1970</b> , 44, 172-91	7.3	94
310	Methylmercury neurotoxicity in cultures of human neurons, astrocytes, neuroblastoma cells. <i>NeuroToxicology</i> , <b>2001</b> , 22, 317-27	4.4	93
309	Stem cell-based cell therapy for spinal cord injury. <i>Cell Transplantation</i> , <b>2007</b> , 16, 355-64	4	92
308	Adenosine triphosphate induces proliferation of human neural stem cells: Role of calcium and p70 ribosomal protein S6 kinase. <i>Journal of Neuroscience Research</i> , <b>2003</b> , 72, 352-62	4.4	91

307	Interleukin-15 gene expression in human astrocytes and microglia in culture. <i>NeuroReport</i> , <b>1996</b> , 7, 1062-67	167	89
306	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> , <b>2006</b> , 65, 66-77	3.1	82
305	Neural induction with neurogenin1 increases the therapeutic effects of mesenchymal stem cells in the ischemic brain. <i>Stem Cells</i> , <b>2008</b> , 26, 2217-28	5.8	81
304	Midkine that promotes survival of fetal human neurons is produced by fetal human astrocytes in culture. <i>Developmental Brain Research</i> , <b>1993</b> , 75, 201-5		81
303	Human microglia transplanted in rat focal ischemia brain induce neuroprotection and behavioral improvement. <i>PLoS ONE</i> , <b>2010</b> , 5, e11746	3.7	80
302	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> , <b>2006</b> , 26, 129-40	2	80
301	Antigen expression by glial cells grown in culture. <i>Journal of Neuroimmunology</i> , <b>1985</b> , 8, 255-82	3.5	80
300	Magnetic resonance imaging tracking of ferumoxytol-labeled human neural stem cells: studies leading to clinical use. <i>Stem Cells Translational Medicine</i> , <b>2013</b> , 2, 766-75	6.9	79
299	Oligodendroglial cell death induced by oxygen radicals and its protection by catalase. <i>Journal of Neuroscience Research</i> , <b>1991</b> , 29, 100-6	4.4	79
298	Long-term culture of human oligodendrocytes. Isolation, growth and identification. <i>Journal of the Neurological Sciences</i> , <b>1983</b> , 62, 295-301	3.2	79
297	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> , <b>2009</b> , 4, e4987	3.7	78
296	Intranasal delivery of neural stem/progenitor cells: a noninvasive passage to target intracerebral glioma. <i>Stem Cells Translational Medicine</i> , <b>2012</b> , 1, 866-73	6.9	78
295	Human neural stem cells over-expressing choline acetyltransferase restore cognition in rat model of cognitive dysfunction. <i>Experimental Neurology</i> , <b>2012</b> , 234, 521-6	5.7	77
294	Neural progenitor NT2N cell lines from teratocarcinoma for transplantation therapy in stroke. <i>Progress in Neurobiology</i> , <b>2008</b> , 85, 318-34	10.9	77
293	Phosphatidylinositol-3 kinase/Akt and GSK-3 mediated cytoprotective effect of epigallocatechin gallate on oxidative stress-injured neuronal-differentiated N18D3 cells. <i>NeuroToxicology</i> , <b>2004</b> , 25, 793-802	4.4	77
292	Iron labeling and pre-clinical MRI visualization of therapeutic human neural stem cells in a murine glioma model. <i>PLoS ONE</i> , <b>2009</b> , 4, e7218	3.7	75
291	Granulocyte colony-stimulating factor stimulates neurogenesis via vascular endothelial growth factor with STAT activation. <i>Brain Research</i> , <b>2006</b> , 1073-1074, 190-201	3.7	75
290	Improvement of cognitive function and physical activity of aging mice by human neural stem cells over-expressing choline acetyltransferase. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 2639-46	5.6	74

289	Mesenchymal stem cell transplantation modulates neuroinflammation in focal cerebral ischemia: contribution of fractalkine and IL-5. <i>Neurobiology of Disease</i> , <b>2011</b> , 41, 717-24	7.5	74
288	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> , <b>2009</b> , 10, 117	3.2	73
287	Combined treatment of vascular endothelial growth factor and human neural stem cells in experimental focal cerebral ischemia. <i>Neuroscience Research</i> , <b>2005</b> , 53, 384-90	2.9	73
286	IL-8 enhancement of amyloid-beta (A $\beta$ 1-42)-induced expression and production of pro-inflammatory cytokines and COX-2 in cultured human microglia. <i>Journal of Neuroimmunology</i> , <b>2005</b> , 159, 66-74	3.5	72
285	A new double labelling immunofluorescence technique for the determination of proliferation of human astrocytes in culture. <i>Journal of Neuroscience Methods</i> , <b>1987</b> , 21, 9-16	3	72
284	Human neural stem cells overexpressing choline acetyltransferase restore cognitive function of kainic acid-induced learning and memory deficit animals. <i>Cell Transplantation</i> , <b>2012</b> , 21, 365-71	4	71
283	Sonic hedgehog and FGF8 collaborate to induce dopaminergic phenotypes in the Nurr1-overexpressing neural stem cell. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 305, 1040-8	3.4	70
282	ATP-induced in vivo neurotoxicity in the rat striatum via P2 receptors. <i>NeuroReport</i> , <b>2002</b> , 13, 1611-5	1.7	70
281	Chromatin regulator PRC2 is a key regulator of epigenetic plasticity in glioblastoma. <i>Cancer Research</i> , <b>2013</b> , 73, 4559-70	10.1	69
280	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> , <b>2005</b> , 24, 6877-89	9.2	69
279	Human neural stem cells genetically modified to overexpress Akt1 provide neuroprotection and functional improvement in mouse stroke model. <i>PLoS ONE</i> , <b>2009</b> , 4, e5586	3.7	69
278	Endothelial STAT3 Activation Increases Vascular Leakage Through Downregulating Tight Junction Proteins: Implications for Diabetic Retinopathy. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 1123-1134	7	68
277	Vascular endothelial growth factor-stimulated cerebral microvascular endothelial cells mediate the recruitment of neural stem cells to the neurovascular niche. <i>Brain Research</i> , <b>2009</b> , 1268, 24-37	3.7	68
276	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> , <b>2012</b> , 21, 2487-96	4	68
275	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> , <b>2000</b> , 75, 946-53	6	68
274	Inhibition of lipopolysaccharide-induced cyclooxygenase-2, tumor necrosis factor-alpha and [Ca <sup>2+</sup> ] <sub>i</sub> responses in human microglia by the peripheral benzodiazepine receptor ligand PK11195. <i>Journal of Neurochemistry</i> , <b>2002</b> , 83, 546-55	6	66
273	Human neural stem cell tropism to metastatic breast cancer. <i>Stem Cells</i> , <b>2012</b> , 30, 314-25	5.8	65
272	Production and characterization of immortal human neural stem cell line with multipotent differentiation property. <i>Methods in Molecular Biology</i> , <b>2008</b> , 438, 103-21	1.4	64

271	HSP72 induction by heat stress in human neurons and glial cells in culture. <i>Brain Research</i> , <b>1994</b> , 653, 243-50	3.7	64
270	Human adipose tissue-derived mesenchymal stem cells improve cognitive function and physical activity in ageing mice. <i>Journal of Neuroscience Research</i> , <b>2013</b> , 91, 660-70	4.4	63
269	Microglial activation and cell death induced by the mitochondrial toxin 3-nitropropionic acid: in vitro and in vivo studies. <i>Neurobiology of Disease</i> , <b>2003</b> , 12, 121-32	7.5	63
268	Genetically engineered human neural stem cells for brain repair in neurological diseases. <i>Brain and Development</i> , <b>2007</b> , 29, 193-201	2.2	62
267	Insulin: is it a nerve survival factor?. <i>Brain Research</i> , <b>1980</b> , 196, 565-71	3.7	62
266	Human neural stem cells promote proliferation of endogenous neural stem cells and enhance angiogenesis in ischemic rat brain. <i>Neural Regeneration Research</i> , <b>2016</b> , 11, 298-304	4.5	62
265	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> , <b>2008</b> , 68, 266-75	10.1	61
264	Growth factors for human glial cells in culture. <i>Glia</i> , <b>1988</b> , 1, 113-23	9	61
263	Human microglial cells synthesize albumin in brain. <i>PLoS ONE</i> , <b>2008</b> , 3, e2829	3.7	60
262	Capsaicin sensitizes malignant glioma cells to TRAIL-mediated apoptosis via DR5 upregulation and survivin downregulation. <i>Carcinogenesis</i> , <b>2010</b> , 31, 367-75	4.6	59
261	Amyloid beta peptide-induced corpus callosum damage and glial activation in vivo. <i>NeuroReport</i> , <b>2003</b> , 14, 1429-33	1.7	59
260	Role of extracellular signal-regulated protein kinases 1 and 2 in oligodendroglial process extension. <i>Journal of Neurochemistry</i> , <b>1997</b> , 68, 945-53	6	59
259	Midkine, a novel neurotrophic factor, promotes survival of mesencephalic neurons in culture. <i>Neuroscience Letters</i> , <b>1993</b> , 160, 9-12	3.3	58
258	Perturbations in calcium-mediated signal transduction in microglia from Alzheimer $\beta$ disease patients. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 81, 426-35	4.4	57
257	Co-expression of mRNA for neurotrophic factors in human neurons and glial cells in culture. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1994</b> , 53, 78-85	3.1	56
256	Growth factors for fetal and adult human astrocytes in culture. <i>Brain Research</i> , <b>1988</b> , 444, 59-66	3.7	55
255	Observations on cerebellar granule cells in tissue culture. A silver and electron microscopic study. <i>Cell and Tissue Research</i> , <b>1970</b> , 107, 454-65	4.2	55
254	Induction of neuronal death by microglial AGE-albumin: implications for Alzheimer $\beta$ disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e37917	3.7	54

253	Vasculogenesis in experimental stroke after human cerebral endothelial cell transplantation. <i>Stroke</i> , <b>2013</b> , 44, 3473-81	6.7	54
252	Neural stem cells as a novel platform for tumor-specific delivery of therapeutic antibodies. <i>PLoS ONE</i> , <b>2009</b> , 4, e8314	3.7	54
251	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> , <b>2006</b> , 26, 11652-64	6.6	54
250	Gold nanoparticle-loaded neural stem cells for photothermal ablation of cancer. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 976-82	10.1	53
249	Human neural stem cells can target and deliver therapeutic genes to breast cancer brain metastases. <i>Molecular Therapy</i> , <b>2009</b> , 17, 570-5	11.7	53
248	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> , <b>2004</b> , 50, 459-65	2.9	53
247	Combination of multifaceted strategies to maximize the therapeutic benefits of neural stem cell transplantation for spinal cord repair. <i>Cell Transplantation</i> , <b>2011</b> , 20, 1361-79	4	50
246	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> , <b>2012</b> , 21, 1641-50	4	50
245	Effective ex vivo expansion of hematopoietic stem cells using osteoblast-differentiated mesenchymal stem cells is CXCL12 dependent. <i>European Journal of Haematology</i> , <b>2010</b> , 84, 538-46	3.8	50
244	Transplantation of human sympathetic neurons and adrenal chromaffin cells into parkinsonian monkeys: no reversal of clinical symptoms. <i>Journal of the Neurological Sciences</i> , <b>1989</b> , 94, 51-67	3.2	50
243	Trisialoganglioside GT1b induces in vivo degeneration of nigral dopaminergic neurons: role of microglia. <i>Glia</i> , <b>2002</b> , 38, 15-23	9	49
242	Effects of human neural stem cell transplantation in canine spinal cord hemisection. <i>Neurological Research</i> , <b>2009</b> , 31, 996-1002	2.7	48
241	Multifocal CNS demyelination following peripheral inoculation with herpes simplex virus type 1. <i>Annals of Neurology</i> , <b>1987</b> , 22, 52-9	9.4	48
240	Neural stem cell-based gene therapy for brain tumors. <i>Stem Cell Reviews and Reports</i> , <b>2011</b> , 7, 130-40	6.4	47
239	MRI tracking of intravenously transplanted human neural stem cells in rat focal ischemia model. <i>Neuroscience Research</i> , <b>2009</b> , 64, 235-9	2.9	47
238	Transplantation of human neural stem cells protect against ischemia in a preventive mode via hypoxia-inducible factor-1alpha stabilization in the host brain. <i>Brain Research</i> , <b>2008</b> , 1207, 182-92	3.7	47
237	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> , <b>2004</b> , 187, 150-9	5.7	47
236	Tissue culture of adult human neurons. <i>Neuroscience Letters</i> , <b>1979</b> , 11, 137-41	3.3	45



235	Alzheimer's disease and stem cell therapy. <i>Experimental Neurobiology</i> , <b>2014</b> , 23, 45-52	4	44
234	Intravascular administration of tumor tropic neural progenitor cells permits targeted delivery of interferon-beta and restricts tumor growth in a murine model of disseminated neuroblastoma. <i>Journal of Pediatric Surgery</i> , <b>2007</b> , 42, 48-53	2.6	44
233	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> , <b>1983</b> , 289, 285-92	3.7	44
232	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> , <b>2015</b> , 3, 3848-3859	7.1	43
231	Conjugation of pH-responsive nanoparticles to neural stem cells improves intratumoral therapy. <i>Journal of Controlled Release</i> , <b>2014</b> , 191, 82-9	11.7	43
230	Implantation of polymer scaffolds seeded with neural stem cells in a canine spinal cord injury model. <i>Cytotherapy</i> , <b>2010</b> , 12, 841-5	4.8	43
229	Neuronal cell death induced by cystatin C in vivo and in cultured human CNS neurons is inhibited with cathepsin B. <i>Brain Research</i> , <b>2005</b> , 1066, 120-8	3.7	43
228	Bcl-2 blocks cisplatin-induced apoptosis by suppression of ERK-mediated p53 accumulation in B104 cells. <i>Molecular Brain Research</i> , <b>2001</b> , 93, 18-26		43
227	Expression of Ia antigens on the surface of human oligodendrocytes and astrocytes in culture. <i>Journal of Neuroimmunology</i> , <b>1985</b> , 10, 141-9	3.5	43
226	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> , <b>2010</b> , 21, 603-10	4.8	42
225	Lysophosphatidylcholine induces glial cell activation: role of rho kinase. <i>Glia</i> , <b>2009</b> , 57, 898-907	9	42
224	Gene expression profiling of human neural progenitor cells following the serum-induced astrocyte differentiation. <i>Cellular and Molecular Neurobiology</i> , <b>2009</b> , 29, 423-38	4.6	42
223	Stem cell-based cell therapy for Huntington disease: a review. <i>Neuropathology</i> , <b>2008</b> , 28, 1-9	2	42
222	Transplantation of human adipose tissue-derived stem cells delays clinical onset and prolongs life span in ALS mouse model. <i>Cell Transplantation</i> , <b>2014</b> , 23, 1585-97	4	41
221	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> , <b>2013</b> , 22, 1441-52	4	41
220	Noninvasive method of immortalized neural stem-like cell transplantation in an experimental model of Huntington's disease. <i>Journal of Neuroscience Methods</i> , <b>2006</b> , 152, 250-4	3	41
219	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> , <b>2009</b> , 87, 2264-72	4.4	40
218	Human neural crest stem cells transplanted in rat penile corpus cavernosum to repair erectile dysfunction. <i>BJU International</i> , <b>2008</b> , 102, 220-4; discussion 224	5.6	40

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