

# Seung U Kim

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11707792/seung-u-kim-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , <b>2021</b> , 48, 3549-3559	2.8	0
359	An engineered neurovascular unit for modeling neuroinflammation. <i>Biofabrication</i> , <b>2021</b> , 13,	10.5	7
358	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> , <b>2021</b> , 16, e0261402	3.7	0
357	Inhibitory effect of therapeutic genes, cytosine deaminase and interferon- $\beta$ delivered by genetically engineered stem cells against renal cell carcinoma. <i>Oncology Reports</i> , <b>2020</b> , 43, 2045-2052	3.5	1
356	Antithyroid cancer effects of human neural stem cells expressing therapeutic genes on anaplastic thyroid cancer cells. <i>Journal of Cellular Biochemistry</i> , <b>2020</b> , 121, 1586-1598	4.7	
355	Cell motility and migration as determinants of stem cell efficacy. <i>EBioMedicine</i> , <b>2020</b> , 60, 102989	8.8	11
354	A Potential Therapy Using Engineered Stem Cells Prevented Malignant Melanoma in Cellular and Xenograft Mouse Models. <i>Cancer Research and Treatment</i> , <b>2019</b> , 51, 797-811	5.2	5
353	The growth of K562 human leukemia cells was inhibited by therapeutic neural stem cells in cellular and xenograft mouse models. <i>Cytotherapy</i> , <b>2018</b> , 20, 1191-1201	4.8	1
352	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> , <b>2018</b> , 11, 74-85	4.9	5
351	Establishment and Characterization of Immortalized Minipig Neural Stem Cell Line. <i>Cell Transplantation</i> , <b>2017</b> , 26, 271-281	4	2
350	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> , <b>2017</b> , 66, 347-358	16.6	12
349	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
348	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> , <b>2017</b> , 49, 79-91	5.2	11
347	Intravenously Infused F3.Olig2 Improves Memory Deficits via Restoring Myelination in the Aged Hippocampus Following Experimental Ischemic Stroke. <i>Cell Transplantation</i> , <b>2016</b> , 25, 2129-2144	4	12
346	Targeted Treatment of Experimental Spinal Cord Glioma With Dual Gene-Engineered Human Neural Stem Cells. <i>Neurosurgery</i> , <b>2016</b> , 79, 481-91	3.2	17
345	A human neural stem cell line provides neuroprotection and improves neurological performance by early intervention of neuroinflammatory system. <i>Brain Research</i> , <b>2016</b> , 1631, 194-203	3.7	24
344	Tumor-specific gene therapy for pancreatic cancer using human neural stem cells encoding carboxylesterase. <i>Oncotarget</i> , <b>2016</b> , 7, 75319-75327	3.3	5

343	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> , <b>2016</b> , 7, 5985-99	3.3	17
342	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
341	Regenerative Medicine in the Central Nervous System: Stem Cell-Based Cell- and Gene-Therapy <b>2016</b> , 83-113		
340	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> , <b>2016</b> , 2016, 4079863	5	11
339	Human Neural Stem Cells Overexpressing a Carboxylesterase Inhibit Bladder Tumor Growth. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 1201-7	6.1	2
338	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
337	Tumor necrosis factor-inducible gene 6 promotes liver regeneration in mice with acute liver injury. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 20	8.3	23
336	Bioimaging of microRNA124a-independent neuronal differentiation of human G2 neural stem cells. <i>FEBS Open Bio</i> , <b>2015</b> , 5, 647-55	2.7	2
335	Secretion of urocortin I by human glioblastoma cell lines, possibly via the constitutive pathway. <i>Peptides</i> , <b>2015</b> , 63, 63-70	3.8	1
334	Amyloid-beta-activated human microglial cells through ER-resident proteins. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 214-23	5.6	13
333	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> , <b>2015</b> , 17, 95-106	1	33
332	Bone marrow-derived stem cell therapy for metastatic brain cancers. <i>Cell Transplantation</i> , <b>2015</b> , 24, 625-30		8
331	Long-term effects of magnetically targeted ferumoxide-labeled human neural stem cells in focal cerebral ischemia. <i>Cell Transplantation</i> , <b>2015</b> , 24, 183-90	4	18
330	Long-term survival and differentiation of human neural stem cells in nonhuman primate brain with no immunosuppression. <i>Cell Transplantation</i> , <b>2015</b> , 24, 191-201	4	16
329	Improvement in Spinal Cord Injury-Induced Bladder Fibrosis Using Mesenchymal Stem Cell Transplantation Into the Bladder Wall. <i>Cell Transplantation</i> , <b>2015</b> , 24, 1253-63	4	17
328	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> , <b>2015</b> , 47, 171-8	4.4	5
327	Microglial AGE-albumin is critical for neuronal death in Parkinson's disease: a possible implication for theranostics. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10 Spec Iss, 281-92	7.3	17
326	CD39-mediated effect of human bone marrow-derived mesenchymal stem cells on the human Th17 cell function. <i>Purinergic Signalling</i> , <b>2014</b> , 10, 357-65	3.8	31

325	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
324	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
323	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> , <b>2014</b> , 12, 36-48	1.6	30
322	Autologous stem cell transplant with gene therapy for Friedreich ataxia. <i>Medical Hypotheses</i> , <b>2014</b> , 83, 296-8	3.8	2
321	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
320	Human motor neurons generated from neural stem cells delay clinical onset and prolong life in ALS mouse model. <i>PLoS ONE</i> , <b>2014</b> , 9, e97518	3.7	23
319	Microglial AGE-albumin is critical in promoting alcohol-induced neurodegeneration in rats and humans. <i>PLoS ONE</i> , <b>2014</b> , 9, e104699	3.7	19
318	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> , <b>2014</b> , 9, e105129	3.7	19
317	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> , <b>2014</b> , 15, 11742-59	6.3	23
316	Alzheimer's disease and stem cell therapy. <i>Experimental Neurobiology</i> , <b>2014</b> , 23, 45-52	4	44
315	Electrically controlled delivery of cargo into single human neural stem cell. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 20709-16	9.5	3
314	In vivo bioluminescence imaging for viable human neural stem cells incorporated within in situ gelatin hydrogels. <i>EJNMMI Research</i> , <b>2014</b> , 4, 61	3.6	2
313	Double suicide gene therapy using human neural stem cells against glioblastoma: double safety measures. <i>Journal of Neuro-Oncology</i> , <b>2014</b> , 116, 49-57	4.8	14
312	Secretome analysis of human oligodendrocytes derived from neural stem cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e84237	3.7	19
311	Human astrocytes: secretome profiles of cytokines and chemokines. <i>PLoS ONE</i> , <b>2014</b> , 9, e92325	3.7	227
310	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> , <b>2014</b> , 5, 12835-48	3.3	21
309	Human Neural Stem Cell-Based Cell- and Gene-Therapy for Neurological Diseases. <i>Cell Engineering</i> , <b>2014</b> , 21-48		0
308	CD70-CD27 ligation between neural stem cells and CD4+ T cells induces Fas-FasL-mediated T-cell death. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4, 56	8.3	7

307	Cancer Therapy: Gold Nanoparticle-Loaded Neural Stem Cells for Photothermal Ablation of Cancer (Adv. Healthcare Mater. 7/2013). <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 922-922	10.1	
306	Suppression of the growth of human colorectal cancer cells by therapeutic stem cells expressing cytosine deaminase and interferon- $\beta$ via their tumor-tropic effect in cellular and xenograft mouse models. <i>Molecular Oncology</i> , <b>2013</b> , 7, 543-54	7.9	24
305	Neural stem cell-based treatment for neurodegenerative diseases. <i>Neuropathology</i> , <b>2013</b> , 33, 491-504	2	99
304	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
303	Neural stem cell-mediated enzyme/prodrug therapy for glioma: preclinical studies. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 184ra59	17.5	175
302	Cytosine deaminase-expressing human neural stem cells inhibit tumor growth in prostate cancer-bearing mice. <i>Cancer Letters</i> , <b>2013</b> , 335, 58-65	9.9	21
301	Enhanced angiogenesis and relaxation of bladder as early response to bladder outlet obstruction. <i>International Journal of Urology</i> , <b>2013</b> , 20, 116-22	2.3	12
300	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>Childs Nervous System</i> , <b>2013</b> , 29, 403-11	1.7	6
299	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
298	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
297	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
296	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> , <b>2013</b> , 36, 347-54	3.5	7
295	Vasculogenesis in experimental stroke after human cerebral endothelial cell transplantation. <i>Stroke</i> , <b>2013</b> , 44, 3473-81	6.7	54
294	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> , <b>2013</b> , 91, 1440-9	4.4	21
293	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
292	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> , <b>2013</b> , 12, 7290.2012.00035	3.7	6
291	Interferon- $\beta$ delivery via human neural stem cell abates glial scar formation in spinal cord injury. <i>Cell Transplantation</i> , <b>2013</b> , 22, 2187-201	4	24
290	Adenosine potentiates the therapeutic effects of neural stem cells expressing cytosine deaminase against metastatic brain tumors. <i>Oncology Reports</i> , <b>2013</b> , 30, 1101-6	3.5	2

289	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
288	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> , <b>2013</b> , 30, 1129-36	3.5	7
287	Development and application of neural stem cells for treating various human neurological diseases in animal models. <i>Laboratory Animal Research</i> , <b>2013</b> , 29, 131-7	1.9	20
286	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> , <b>2013</b> , 6, 176-83	3.4	6
285	Regenerative Medicine in the Central Nervous System: Stem Cell-Based Cell- and Gene-Therapy <b>2013</b> , 695-727		
284	Therapeutic potential of stem cells expressing suicide genes that selectively target human breast cancer cells: evidence that they exert tumoricidal effects via tumor tropism (review). <i>International Journal of Oncology</i> , <b>2012</b> , 41, 798-804	4.4	27
283	Quantitative proteomic analysis reveals that lipopolysaccharide induces mitogen-activated protein kinase-dependent activation in human microglial cells. <i>Electrophoresis</i> , <b>2012</b> , 33, 3756-63	3.6	8
282	Therapeutic effect of genetically modified human neural stem cells encoding cytosine deaminase on experimental glioma. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 417, 534-40	3.4	27
281	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
280	Human neural stem cell tropism to metastatic breast cancer. <i>Stem Cells</i> , <b>2012</b> , 30, 314-25	5.8	65
279	Transgenic mice expressing yellow fluorescent protein under control of the human tyrosine hydroxylase promoter. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 1949-59	4.4	3
278	Generation of cancerous neural stem cells forming glial tumor by oncogenic stimulation. <i>Stem Cell Reviews and Reports</i> , <b>2012</b> , 8, 532-45	6.4	16
277	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
276	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
275	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> , <b>2012</b> , 13, 12519-32	6.3	11
274	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> , <b>2012</b> , 40, 1097-104	4.4	34
273	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
272	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

271	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> , <b>2012</b> , 21, 959-70	4	35
270	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
269	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> , <b>2012</b> , 27, 1823-8	3.5	29
268	In vivo Tracking of Human Neural Stem Cells Following Transplantation into a Rodent Model of Ischemic Stroke. <i>International Journal of Stem Cells</i> , <b>2012</b> , 5, 79-83	3	6
267	Genetically engineered human neural stem cells with rabbit carboxyl esterase can target brain metastasis from breast cancer. <i>Cancer Letters</i> , <b>2011</b> , 311, 152-9	9.9	38
266	Cystatin C induces apoptosis and tyrosine hydroxylase gene expression through JNK-dependent pathway in neuronal cells. <i>Neuroscience Letters</i> , <b>2011</b> , 496, 100-5	3.3	11
265	Direct generation of neurosphere-like cells from human dermal fibroblasts. <i>PLoS ONE</i> , <b>2011</b> , 6, e21801	3.7	14
264	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
263	Genetically engineered stem cells expressing cytosine deaminase and interferon- $\beta$ migrate to human lung cancer cells and have potentially therapeutic anti-tumor effects. <i>International Journal of Oncology</i> , <b>2011</b> , 39, 833-9	4.4	10
262	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
261	Non-phosphorylated FTY720 induces apoptosis of human microglia by activating SREBP2. <i>Cellular and Molecular Neurobiology</i> , <b>2011</b> , 31, 1009-20	4.6	23
260	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
259	Self-renewal induced efficiently, safely, and effectively therapeutically with one regulatable gene in a human somatic progenitor cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 4876-81	11.5	26
258	Paxilline enhances TRAIL-mediated apoptosis of glioma cells via modulation of c-FLIP, survivin and DR5. <i>Experimental and Molecular Medicine</i> , <b>2011</b> , 43, 24-34	12.8	35
257	Effects of duplicate administration of human neural stem cell after focal cerebral ischemia in the rat. <i>International Journal of Neuroscience</i> , <b>2011</b> , 121, 457-61	2	18
256	Regenerative Medicine in the Central Nervous System: Stem Cell-Based Gene-Therapy <b>2011</b> , 579-604		
255	Combined treatment of tumor-tropic human neural stem cells containing the CD suicide gene effectively targets brain tumors provoking a mild immune response. <i>Oncology Reports</i> , <b>2011</b> , 25, 63-8	3.5	11
254	Potential tumor-tropic effect of genetically engineered stem cells expressing suicide enzymes to selectively target invasive cancer in animal models. <i>Anticancer Research</i> , <b>2011</b> , 31, 1249-58	2.3	15

253	Antitumor therapeutic effects of cytosine deaminase and interferon- $\beta$ against endometrial cancer cells using genetically engineered stem cells in vitro. <i>Anticancer Research</i> , <b>2011</b> , 31, 2853-61	2.3	18
252	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> , <b>2010</b> , 101, 955-62	6.9	32
251	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
250	Organotypic spinal cord slice culture to study neural stem/progenitor cell microenvironment in the injured spinal cord. <i>Experimental Neurobiology</i> , <b>2010</b> , 19, 106-13	4	17
249	Selective susceptibility of human dopaminergic neural stem cells to dopamine-induced apoptosis. <i>Experimental Neurobiology</i> , <b>2010</b> , 19, 155-64	4	14
248	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
247	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
246	Microglia as immune effectors of the central nervous system: Expression of cytokines and chemokines. <i>Clinical and Experimental Neuroimmunology</i> , <b>2010</b> , 1, 61-69	0.4	2
245	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
244	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
243	Therapeutic targeting of melanoma cells using neural stem cells expressing carboxylesterase, a CPT-11 activating enzyme. <i>Current Stem Cell Research and Therapy</i> , <b>2010</b> , 5, 273-6	3.6	22
242	Stereological analysis on migration of human neural stem cells in the brain of rats bearing glioma. <i>Neurosurgery</i> , <b>2010</b> , 66, 333-42; discussion 342	3.2	29
241	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> , <b>2010</b> , 67, 129-35; discussion 135	3.2	15
240	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> , <b>2010</b> , 30, 415-26	4.6	17
239	Midkine, heparin-binding growth factor, blocks kainic acid-induced seizure and neuronal cell death in mouse hippocampus. <i>BMC Neuroscience</i> , <b>2010</b> , 11, 42	3.2	21
238	Microglia transplantation attenuates white matter injury in rat chronic ischemia model via matrix metalloproteinase-2 inhibition. <i>Brain Research</i> , <b>2010</b> , 1316, 145-52	3.7	27
237	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
236	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

235	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
234	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
233	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
232	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
231	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
230	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
229	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
228	Lysophosphatidylcholine induces glial cell activation: role of rho kinase. <i>Glia</i> , <b>2009</b> , 57, 898-907	9	42
227	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
226	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
225	Overexpression of Bcl-XL in human neural stem cells promotes graft survival and functional recovery following transplantation in spinal cord injury. <i>Journal of Neuroscience Research</i> , <b>2009</b> , 87, 3186-97	4.4	37
224	Neural progenitor cell-mediated delivery of osteoprotegerin limits disease progression in a preclinical model of neuroblastoma bone metastasis. <i>Journal of Pediatric Surgery</i> , <b>2009</b> , 44, 204-10; discussion 210-1	2.6	15
223	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
222	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
221	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
220	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
219	Culture system for rodent and human oligodendrocyte specification, lineage progression, and maturation. <i>Current Protocols in Stem Cell Biology</i> , <b>2009</b> , Chapter 2, Unit 2D.4	2.8	16
218	Stem cell-based cell therapy for Huntington disease: a review. <i>Neuropathology</i> , <b>2008</b> , 28, 1-9	2	42

217	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
216	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
215	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
214	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
213	Neuroprotective effect of neural stem cell-conditioned media in in vitro model of Huntington's disease. <i>Neuroscience Letters</i> , <b>2008</b> , 435, 175-80	3.3	15
212	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
211	Ursodeoxycholic acid prevents apoptosis of mouse sensory neurons induced by cisplatin by reducing P53 accumulation. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 377, 1025-30	3.4	25
210	Anti-inflammatory mechanism of intravascular neural stem cell transplantation in haemorrhagic stroke. <i>Brain</i> , <b>2008</b> , 131, 616-29	11.2	354
209	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
208	Expression of cytokines and cytokine receptors in human Schwann cells. <i>NeuroReport</i> , <b>2008</b> , 19, 31-5	1.7	16
207	Human microglial cells synthesize albumin in brain. <i>PLoS ONE</i> , <b>2008</b> , 3, e2829	3.7	60
206	Olig2-induced neural stem cell differentiation involves downregulation of Wnt signaling and induction of Dickkopf-1 expression. <i>PLoS ONE</i> , <b>2008</b> , 3, e3917	3.7	34
205	Involvement of cystatin C in pathophysiology of CNS diseases. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 3470-9	2.8	21
204	Real-time in vivo monitoring of viable stem cells implanted on biocompatible scaffolds. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2008</b> , 35, 1887-98	8.8	32
203	Neural progenitor cell-mediated delivery of interferon beta improves neuroblastoma response to cyclophosphamide. <i>Annals of Surgical Oncology</i> , <b>2008</b> , 15, 3259-67	3.1	8
202	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
201	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
200	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

199	Human neural stem cells for brain repair. <i>International Journal of Stem Cells</i> , <b>2008</b> , 1, 27-35	3	7
198	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
197	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
196	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
195	Transplantation of post-mitotic human neuroteratocarcinoma-overexpressing Nurr1 cells provides therapeutic benefits in experimental stroke: in vitro evidence of expedited neuronal differentiation and GDNF secretion. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 1240-51	4.4	32
194	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
193	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> , <b>2007</b> , 104, 12175-80	11.5	299
192	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
191	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
190	Heat shock protein 70 alters the endosome-lysosomal localization of huntingtin. <i>Experimental and Molecular Medicine</i> , <b>2007</b> , 39, 38-46	12.8	4
189	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
188	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
187	Stem cell-based cell therapy for spinal cord injury. <i>Cell Transplantation</i> , <b>2007</b> , 16, 355-64	4	92
186	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
185	The free-radical scavenger edaravone restores the differentiation of human neural precursor cells after radiation-induced oxidative stress. <i>Neuroscience Letters</i> , <b>2007</b> , 423, 225-30	3.3	33
184	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
183	Novel method for visualizing and modeling the spatial distribution of neural stem cells within intracranial glioma. <i>NeuroImage</i> , <b>2007</b> , 37 Suppl 1, S18-26	7.9	28
182	Neural Stem Cell-mediated Therapy of Primary and Metastatic Solid Tumors <b>2007</b> , 335-372		7

181	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
180	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
179	Mitochondrial ligand inhibits store-operated calcium influx and COX-2 production in human microglia. <i>Journal of Neuroscience Research</i> , <b>2006</b> , 83, 1293-8	4.4	30
178	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
177	Broad-spectrum effects of 4-aminopyridine to modulate amyloid beta <sub>1-42</sub> -induced cell signaling and functional responses in human microglia. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 11652-64	6.6	54
176	Transplantation of human neural stem cells exerts neuroprotection in a rat model of Parkinson's disease. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 12497-511	6.6	231
175	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
174	Regulation of human tyrosine hydroxylase gene by neuron-restrictive silencer factor. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 346, 426-35	3.4	35
173	G-CSF protects human cerebral hybrid neurons against in vitro ischemia. <i>Neuroscience Letters</i> , <b>2006</b> , 394, 168-73	3.3	29
172	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
171	Differential regulation of tyrosine hydroxylase expression by sonic hedgehog. <i>NeuroReport</i> , <b>2006</b> , 17, 693-8	1.7	3
170	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
169	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
168	Quantification of human neural stem cell engraftments in rat brains using ERV-3 real-time PCR. <i>Journal of Neuroscience Methods</i> , <b>2006</b> , 157, 225-9	3	9
167	Development of a tumor-selective approach to treat metastatic cancer. <i>PLoS ONE</i> , <b>2006</b> , 1, e23	3.7	100
166	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
165	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
164	Down-regulation of MHC class I expression in human neuronal stem cells using viral stealth mechanism. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 326, 825-35	3.4	19

163	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
162	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
161	Rottlerin sensitizes glioma cells to TRAIL-induced apoptosis by inhibition of Cdc2 and the subsequent downregulation of survivin and XIAP. <i>Oncogene</i> , <b>2005</b> , 24, 838-49	9.2	38
160	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
159	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
158	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
157	Downregulation of GFAP, TSP-1, and p53 in human glioblastoma cell line, U373MG, by IE1 protein from human cytomegalovirus. <i>Glia</i> , <b>2005</b> , 51, 1-12	9	30
156	Immortalized human microglial cell line: phenotypic expression. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 81, 342-8	4.4	35
155	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
154	Microglia in health and disease. <i>Journal of Neuroscience Research</i> , <b>2005</b> , 81, 302-13	4.4	552
153	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
152	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
151	Trafficking of human neural stem cells is regulated by stromal cell-derived factor-1 $\beta$ CXC-chemokine receptor 4 signaling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2005</b> , 25, S511-S511	7.3	
150	Human neural stem cells genetically modified for brain repair in neurological disorders. <i>Neuropathology</i> , <b>2004</b> , 24, 159-71	2	191
149	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
148	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
147	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
146	Blockade of quinolinic acid-induced neurotoxicity by pyruvate is associated with inhibition of glial activation in a model of Huntington $\beta$ disease. <i>Experimental Neurology</i> , <b>2004</b> , 187, 150-9	5.7	47

145	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
144	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
143	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
142	VEGF protects human cerebral hybrid neurons from in vitro ischemia. <i>NeuroReport</i> , <b>2004</b> , 15, 847-50	1.7	23
141	Amyloid beta peptide-induced corpus callosum damage and glial activation in vivo. <i>NeuroReport</i> , <b>2003</b> , 14, 1429-33	1.7	59
140	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
139	Differential activation of subtype purinergic receptors modulates Ca(2+) mobilization and COX-2 in human microglia. <i>Glia</i> , <b>2003</b> , 43, 95-103	9	34
138	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
137	Cloning and cell type-specific regulation of the human tyrosine hydroxylase gene promoter. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 312, 1123-31	3.4	34
136	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
135	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
134	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
133	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
132	Cytokines, chemokines, and cytokine receptors in human microglia. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 69, 94-103	4.4	285
131	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
130	Interferon-gamma acutely induces calcium influx in human microglia. <i>Journal of Neuroscience Research</i> , <b>2002</b> , 69, 607-13	4.4	25
129	Oligodendrocytes from human donors differ in resistance to herpes simplex virus 1 (HSV-1). <i>Glia</i> , <b>2002</b> , 38, 87-92	9	9
128	Trisialoganglioside GT1b induces in vivo degeneration of nigral dopaminergic neurons: role of microglia. <i>Glia</i> , <b>2002</b> , 38, 15-23	9	49

127	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
126	Cystatin C induces neuronal cell death in vivo. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 977, 315-21	6.5	20
125	Production of immortalized human neural crest stem cells. <i>Methods in Molecular Biology</i> , <b>2002</b> , 198, 55-65	5.4	29
124	ATP-induced in vivo neurotoxicity in the rat striatum via P2 receptors. <i>NeuroReport</i> , <b>2002</b> , 13, 1611-5	1.7	70
123	Generation and characterization of human hybrid neurons produced between embryonic CNS neurons and neuroblastoma cells. <i>Neurobiology of Disease</i> , <b>2002</b> , 11, 184-98	7.5	17
122	Protein kinase C and mitogen-activated protein kinase signalling in oligodendrocytes. <i>Microscopy Research and Technique</i> , <b>2001</b> , 52, 680-8	2.8	37
121	Inhibition of store-operated Ca(2+) influx by acidic extracellular pH in cultured human microglia. <i>Glia</i> , <b>2001</b> , 36, 22-30	9	32
120	Analysis of GABA(A)- and GABA(B)-receptor mediated effects on intracellular Ca(2+) in DRG hybrid neurones. <i>British Journal of Pharmacology</i> , <b>2001</b> , 134, 98-107	8.6	7
119	Segregation of human neural stem cells in the developing primate forebrain. <i>Science</i> , <b>2001</b> , 293, 1820-4	33.3	198
118	Antioxidant effect of melatonin in human retinal neuron cultures. <i>Experimental Neurology</i> , <b>2001</b> , 172, 407-15	5.7	9
117	Methylmercury neurotoxicity in cultures of human neurons, astrocytes, neuroblastoma cells. <i>NeuroToxicology</i> , <b>2001</b> , 22, 317-27	4.4	93
116	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
115	Mitogen-activated protein kinase signalling in oligodendrocytes: a comparison of primary cultures and CG-4. <i>International Journal of Developmental Neuroscience</i> , <b>2001</b> , 19, 427-37	2.7	23
114	GT1b ganglioside induces death of dopaminergic neurons in rat mesencephalic cultures. <i>NeuroReport</i> , <b>2001</b> , 12, 611-4	1.7	20
113	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
112	Protein kinase C and mitogen-activated protein kinase signalling in oligodendrocytes		2
111	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
110	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

109	Acute application of interleukin-1beta induces Ca(2+) responses in human microglia. <i>Neuroscience Letters</i> , <b>2000</b> , 281, 83-6	3.3	24
108	Process extension and intracellular Ca2+ in cultured murine oligodendrocytes. <i>Brain Research</i> , <b>1999</b> , 827, 19-27	3.7	28
107	Cytokine-induced production of macrophage inflammatory protein-1alpha (MIP-1alpha) in cultured human astrocytes. <i>Journal of Neuroscience Research</i> , <b>1999</b> , 55, 245-51	4.4	22
106	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
105	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
104	Expression of complement C4 and C9 genes by human astrocytes. <i>Brain Research</i> , <b>1998</b> , 809, 31-8	3.7	31
103	Cholinergic agonists increase intracellular Ca2+ in cultured human microglia. <i>Neuroscience Letters</i> , <b>1998</b> , 255, 33-6	3.3	31
102	Proliferation of human Schwann cells induced by neu differentiation factor isoforms. <i>Developmental Neuroscience</i> , <b>1998</b> , 20, 512-7	2.2	15
101	Ultrastructural characteristics of central neurocytoma in cell culture. <i>Ultrastructural Pathology</i> , <b>1997</b> , 21, 393-404	1.3	6
100	Differences in resistance to herpes simplex virus type 1 (HSV-1) among oligodendroglia derived from different strains of mice are determined after viral adsorption but prior to the expression of immediate early (IE) genes. <i>Journal of NeuroVirology</i> , <b>1997</b> , 3, 197-205	3.9	4
99	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
98	Midkine-like immunoreactivity in extracellular neurofibrillary tangles in brains of patients with parkinsonism-dementia complex of Guam. <i>Neuroscience Letters</i> , <b>1996</b> , 205, 107-10	3.3	10
97	Effects of phorbol ester on intracellular Ca2+ and membrane currents in cultured human microglia. <i>Neuroscience Letters</i> , <b>1996</b> , 218, 37-40	3.3	13
96	Interleukin-15 gene expression in human astrocytes and microglia in culture. <i>NeuroReport</i> , <b>1996</b> , 7, 1062-67		89
95	Differential expression of gangliosides and galactolipids in fetal human oligodendrocytes and astrocytes in culture. <i>Developmental Brain Research</i> , <b>1996</b> , 93, 172-81		16
94	2,5-Hexanedione induced apoptosis in cultured mouse DRG neurons. <i>International Archives of Occupational and Environmental Health</i> , <b>1996</b> , 68, 495-7	3.2	16
93	2,5-Hexanedione induced apoptosis in cultured mouse DRG neurons. <i>International Archives of Occupational and Environmental Health</i> , <b>1996</b> , 68, 495-497	3.2	
92	Expression of proteolipid protein gene is directly associated with secretion of a factor influencing oligodendrocyte development. <i>Journal of Neurochemistry</i> , <b>1995</b> , 64, 2396-403	6	16

91	Cation and anion unitary ion channel currents in cultured bovine microglia. <i>Brain Research</i> , <b>1995</b> , 693, 8-20	3.7	24
90	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
89	Low-affinity nerve growth factor receptor immunoreactivity in the human urinary bladder. <i>Neuroscience Letters</i> , <b>1995</b> , 186, 9-12	3.3	14
88	Constitutive and inducible expression of heat shock protein HSP72 in oligodendrocytes in culture. <i>NeuroReport</i> , <b>1995</b> , 6, 1081-4	1.7	11
87	Cytokines and growth factors induce HSP27 phosphorylation in human astrocytes. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1995</b> , 54, 504-12	3.1	28
86	Rapidly proliferating glial cells isolated from adult mouse brain have a differentiative capacity in response to cyclic AMP. <i>Neuroscience Research</i> , <b>1994</b> , 20, 175-84	2.9	11
85	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
84	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
83	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
82	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
81	Developmental profile of inositol 1,4,5-trisphosphate 3-kinase in rat cerebellar cortex: light and electron microscopic immunohistochemical studies. <i>Developmental Brain Research</i> , <b>1993</b> , 71, 137-45		7
80	Effects of tumor necrosis factor on inward potassium current and cell morphology in cultured human oligodendrocytes. <i>Glia</i> , <b>1993</b> , 9, 120-6	9	26
79	Novel isoforms of mouse myelin basic protein predominantly expressed in embryonic stage. <i>Journal of Neurochemistry</i> , <b>1993</b> , 60, 1554-63	6	34
78	Specific expression of inositol 1,4,5-trisphosphate 3-kinase in dendritic spines. <i>Brain Research</i> , <b>1993</b> , 606, 335-40	3.7	27
77	Leukemia inhibitory factor (LIF) mediated increase of choline acetyltransferase activity in mouse spinal cord neurons in culture. <i>Neuroscience Letters</i> , <b>1992</b> , 140, 75-7	3.3	32
76	Development of inositol 1,4,5-trisphosphate 3-kinase immunoreactivity in cerebellar Purkinje cells in vivo and in vitro. <i>Brain Research</i> , <b>1992</b> , 573, 157-60	3.7	8
75	Ultrastructural localization of inositol 1,4,5-trisphosphate 3-kinase in rat cerebellar cortex. <i>Brain Research</i> , <b>1992</b> , 578, 41-8	3.7	18
74	Differential distribution of cellular forms of beta-amyloid precursor protein in murine glial cell cultures. <i>Brain Research</i> , <b>1992</b> , 584, 219-25	3.7	27

73	Alzheimer $\beta$ disease beta-amyloid precursor protein in rat neural cells in culture. <i>Gerontology</i> , <b>1992</b> , 38 Suppl 1, 15-23	5-5	3
72	beta-Amyloid precursor protein of Alzheimer $\beta$ disease in cultured bovine oligodendrocytes. <i>Journal of Neuroscience Research</i> , <b>1992</b> , 32, 34-42	4-4	12
71	Neonatal mammalian spinal cord neurons and motoneurons in monolayer culture. <i>Muscle and Nerve</i> , <b>1991</b> , 14, 14-21	3-4	7
70	Ion channels in cultured adult human Schwann cells. <i>Glia</i> , <b>1991</b> , 4, 534-9	9	20
69	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
68	Phospholipase C isozymes in neurons and glial cells in culture: an immunocytochemical and immunochemical study. <i>Brain Research</i> , <b>1991</b> , 548, 35-40	3-7	34
67	Developmental changes of three phosphoinositide-specific phospholipase C isozymes in the rat nervous system. <i>Developmental Brain Research</i> , <b>1991</b> , 59, 7-16		25
66	Lymphokine-activated killer (LAK) and adherent LAK (A-LAK) activity in multiple sclerosis. <i>Journal of Neuroimmunology</i> , <b>1991</b> , 32, 111-22	3-5	4
65	Cytolysis of oligodendrocytes is mediated by killer (K) cells but not by natural killer (NK) cells. <i>Journal of Neuroimmunology</i> , <b>1991</b> , 31, 199-210	3-5	6
64	Transplantation of Human Sympathetic Neurons and Adrenal Chromaffin Cells into Parkinsonian Monkeys. <i>Methods in Neurosciences</i> , <b>1991</b> , 362-378		
63	Abnormality in cultured oligodendrocytes and Schwann cells isolated from the twitcher mouse. <i>Molecular and Chemical Neuropathology</i> , <b>1990</b> , 13, 195-204		21
62	Psychosine cytotoxicity in rat neural cell cultures and protection by phorbol ester and dimethyl sulfoxide. <i>Pediatric Research</i> , <b>1990</b> , 28, 473-6	3-2	19
61	Absence of natural killer (NK) cell activity against oligodendrocytes in multiple sclerosis. <i>Journal of Neuroimmunology</i> , <b>1990</b> , 26, 75-80	3-5	18
60	Single channel potassium currents in cultured adult bovine oligodendrocytes. <i>Glia</i> , <b>1989</b> , 2, 298-307	9	22
59	Existence of inward potassium currents in adult human oligodendrocytes. <i>Neuroscience Letters</i> , <b>1989</b> , 101, 107-12	3-3	18
58	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
57	Human and simian glial cells infected by human T-lymphotropic virus type I in culture. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1989</b> , 48, 610-9	3-1	39
56	Human Oligodendrocytes in Culture: Biology and Immunology <b>1989</b> , 1-15		

55	Human Glial Cells and Growth Factors <b>1989</b> , 29-48		5
54	Physiological Function of Inward Potassium Currents in Bovine Oligodendrocytes in Culture <b>1989</b> , 113-120		1
53	Growth factors for human glial cells in culture. <i>Glia</i> , <b>1988</b> , 1, 113-23	9	61
52	Growth factors for fetal and adult human astrocytes in culture. <i>Brain Research</i> , <b>1988</b> , 444, 59-66	3.7	55
51	Comparison of six different substrata on the plating efficiency, differentiation and survival of human dorsal root ganglion neurons in culture. <i>Developmental Neuroscience</i> , <b>1988</b> , 10, 222-30	2.2	18
50	Tissue culture evidence for a circulating neurotoxin in Huntington's chorea. <i>Journal of the Neurological Sciences</i> , <b>1987</b> , 78, 139-50	3.2	2
49	Transplantation of cultured human adrenal chromaffin cells into 6-hydroxydopamine-lesioned rat brain. <i>Synapse</i> , <b>1987</b> , 1, 324-8	2.4	17
48	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
47	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
46	Incorporation of tritiated galactose into galactocerebroside by cultured rat oligodendrocytes: effects of cyclic adenosine 3',5'-phosphonophosphate analogues. <i>Journal of Neurochemistry</i> , <b>1986</b> , 46, 300-2	6	26
45	Fluorescence-activated cell sorter analysis of bulk-isolated porcine oligodendrocytes. <i>Journal of Neuroimmunology</i> , <b>1986</b> , 13, 47-60	3.5	5
44	Regulation of galactocerebroside and sulfatide synthesis by hormones in chick neural cultures. <i>Brain Research</i> , <b>1986</b> , 371, 201-3	3.7	2
43	Transplantation of cultured fetal human adrenal chromaffin cells to rat brain. <i>Neuroscience Letters</i> , <b>1985</b> , 57, 43-8	3.3	20
42	Modulation of antigenic expression in cultured adult human oligodendrocytes by derivatives of adenosine 3',5'-cyclic monophosphate. <i>Journal of the Neurological Sciences</i> , <b>1985</b> , 69, 81-91	3.2	26
41	Induction of neurofibrillary tangles in cultured mouse neurons by maytanprine. <i>Journal of the Neurological Sciences</i> , <b>1985</b> , 68, 191-203	3.2	10
40	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
39	Antigen expression by glial cells grown in culture. <i>Journal of Neuroimmunology</i> , <b>1985</b> , 8, 255-82	3.5	80
38	In Vitro Studies of Oligodendroglial Lipid Metabolism <b>1984</b> , 175-197		7

37	Metabolism of $^{15}\text{NH}_3$ in organotypic cerebellar explants and cultured astrocytes: studies with gas chromatography-mass spectrometry. <i>Journal of Neurochemistry</i> , <b>1984</b> , 42, 283-6	6	15
36	Axolemma is a mitogen for human Schwann cells. <i>Annals of Neurology</i> , <b>1984</b> , 15, 449-52	9.4	37
35	Long-Term Culture of Bulk Isolated Adult Human Oligodendrocytes. <i>Annals of the New York Academy of Sciences</i> , <b>1984</b> , 436, 480-482	6.5	
34	Immunocytochemical demonstration of beta-endorphin and beta-lipotropin in cultured human spinal ganglion neurons. <i>Brain Research</i> , <b>1984</b> , 304, 192-6	3.7	13
33	Improved survival and differentiation of newborn and adult mouse neurons in F12 defined medium by fibronectin. <i>Brain Research</i> , <b>1984</b> , 294, 178-81	3.7	15
32	Immunofluorescence demonstration of 2 $\beta$ 3 $\beta$ cyclic-nucleotide 3 $\beta$ phosphodiesterase in cultured oligodendrocytes of mouse, rat, calf and human. <i>Brain Research</i> , <b>1984</b> , 300, 195-9	3.7	31
31	FORMATION AND MORPHOLOGY OF THE NODES OF RANVIER IN CULTURES OF CNS AND PNS <b>1984</b> , 93-108		
30	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
29	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
28	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
27	Absence of expression of OKT8 antigen on cultured human, calf and rat oligodendrocytes. <i>Nature</i> , <b>1983</b> , 301, 152-4	50.4	20
26	Neuronal aging in tissue and cell cultures: a review. <i>In Vitro</i> , <b>1983</b> , 19, 73-82		14
25	Neurofibrillary degeneration in cultured adult mouse neurons induced by maytansine. <i>Acta Neuropathologica</i> , <b>1980</b> , 52, 161-4	14.3	10
24	Insulin: is it a nerve survival factor?. <i>Brain Research</i> , <b>1980</b> , 196, 565-71	3.7	62
23	Long-term culture of adult mammalian central nervous system neurons. <i>Experimental Neurology</i> , <b>1979</b> , 65, 293-300	5.7	16
22	Tissue culture of adult human neurons. <i>Neuroscience Letters</i> , <b>1979</b> , 11, 137-41	3.3	45
21	Localization of nerve growth factor receptors in sympathetic neurons cultured in vitro. <i>Brain Research</i> , <b>1979</b> , 168, 602-8	3.7	20
20	Studies of aging in cultured nervous system tissue. <i>International Review of Cytology</i> , <b>1979</b> , 117-30		9

19	Tissue culture analysis of neurogenesis: myelination and synapse formation are retarded by serum deprivation. <i>Brain Research</i> , <b>1978</b> , 145, 15-25	3.7	15
18	Tissue culture analysis of neurogenesis. II. Lipid-free medium retards myelination in mouse spinal cord cultures. <i>Brain Research</i> , <b>1978</b> , 157, 206-11	3.7	6
17	Myelin basic protein causes proliferation of lymphocytes and astrocytes in vitro. <i>Brain Research</i> , <b>1977</b> , 132, 580-4	3.7	35
16	Basic protein radioimmunoassay as a monitor of myelin in tissue culture. <i>Brain Research</i> , <b>1977</b> , 120, 193-6.7		16
15	Enzyme markers for myelination of mouse cerebellum in vivo and in tissue culture. <i>Brain Research</i> , <b>1976</b> , 104, 193-6	3.7	18
14	Sterol synthesis by myelinating cultures of mouse spinal cord. <i>Brain Research</i> , <b>1976</b> , 103, 117-26	3.7	24
13	Tissue culture of human fetal cerebellum: a light and electron microscopic study. <i>Experimental Neurology</i> , <b>1976</b> , 50, 226-39	5.7	12
12	Acetylcholinesterase distribution in chick spinal cord cultures. A light and electron microscope study. <i>Histochemistry</i> , <b>1976</b> , 48, 205-17		10
11	Effect of serum deprivation on myelinating mouse cerebellum cultures. <i>Journal of Neuroscience Research</i> , <b>1976</b> , 2, 309-16	4.4	5
10	Nuroaxonal degeneration induced by sodium diethyldithiocarbamate in cultures of central nervous tissue. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1975</b> , 34, 531-41	3.1	9
9	The neurotoxic effects of triethyltin (TET) sulfate on myelinating cultures of mouse spinal cord. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1975</b> , 34, 401-12	3.1	19
8	Formation of unattached spines of Purkinje cell dendrite in organotypic cultures of mouse cerebellum. <i>Brain Research</i> , <b>1975</b> , 88, 52-8	3.7	19
7	Morphological and biochemical development of chick cerebrum cultured in vitro. <i>Experimental Neurology</i> , <b>1974</b> , 43, 515-26	5.7	26
6	Neurotoxic effects of alkyl mercury compound on myelinating cultures of mouse cerebellum. <i>Experimental Neurology</i> , <b>1971</b> , 32, 237-46	5.7	24
5	Electron microscope study of mouse cerebellum in tissue culture. <i>Experimental Neurology</i> , <b>1971</b> , 33, 30-44.7	5.7	38
4	Demonstration in tissue culture of myelinotoxicity in cerebrospinal fluid and brain extracts from multiple sclerosis patients. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1970</b> , 29, 420-31	3.1	39
3	Histochemical studies of the intranuclear rodlet in neurons of chicken sympathetic and sensory ganglia. <i>Histochemie Histochemistry Histochimie</i> , <b>1970</b> , 24, 33-40		22
2	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

- 1 Origin, development, and nature of intranuclear rodlets and associated bodies in chicken sympathetic neurons. *Journal of Cell Biology*, **1970**, 44, 172-91

73 94