

Paul R Sanberg

List of Publications by Year in descending order

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424
papers

19,698
citations

10373

72
h-index

18633

119
g-index

450
all docs

450
docs citations

450
times ranked

12946
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropathological Evidence of Graft Survival and Striatal Reinnervation after the Transplantation of Fetal Mesencephalic Tissue in a Patient with Parkinson's Disease. <i>New England Journal of Medicine</i> , 1995, 332, 1118-1124.	13.9	868
2	Cholinergic modulation of microglial activation by $\alpha 7$ nicotinic receptors. <i>Journal of Neurochemistry</i> , 2004, 89, 337-343.	2.1	498
3	Central Nervous System Entry of Peripherally Injected Umbilical Cord Blood Cells Is Not Required for Neuroprotection in Stroke. <i>Stroke</i> , 2004, 35, 2385-2389.	1.0	435
4	Bilateral fetal nigral transplantation into the postcommissural putamen in Parkinson's disease. <i>Annals of Neurology</i> , 1995, 38, 379-388.	2.8	421
5	Infusion of Human Umbilical Cord Blood Cells in a Rat Model of Stroke Dose-Dependently Rescues Behavioral Deficits and Reduces Infarct Volume. <i>Stroke</i> , 2004, 35, 2390-2395.	1.0	368
6	Transplantation of Cryopreserved Human Embryonal Carcinoma-Derived Neurons (NT2N Cells) Promotes Functional Recovery in Ischemic Rats. <i>Experimental Neurology</i> , 1998, 149, 310-321.	2.0	331
7	The catalepsy test: Its ups and downs.. <i>Behavioral Neuroscience</i> , 1988, 102, 748-759.	0.6	316
8	Fetal nigral grafts survive and mediate clinical benefit in a patient with Parkinson's disease. <i>Movement Disorders</i> , 1998, 13, 383-393.	2.2	271
9	Haloperidol-induced catalepsy is mediated by postsynaptic dopamine receptors. <i>Nature</i> , 1980, 284, 472-473.	13.7	266
10	Intravenous Administration of Human Umbilical Cord Blood Reduces Neurological Deficit in the Rat after Traumatic Brain Injury. <i>Cell Transplantation</i> , 2002, 11, 275-281.	1.2	263
11	Intravenous Administration of Human Umbilical Cord Blood Cells in a Mouse Model of Amyotrophic Lateral Sclerosis: Distribution, Migration, and Differentiation. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2003, 12, 255-270.	1.8	259
12	Anti-inflammatory Effects of Human Cord Blood Cells in a Rat Model of Stroke. <i>Stem Cells and Development</i> , 2005, 14, 595-604.	1.1	229
13	Cord blood rescues stroke-induced changes in splenocyte phenotype and function. <i>Experimental Neurology</i> , 2006, 199, 191-200.	2.0	221
14	Evidence of Compromised Blood-Spinal Cord Barrier in Early and Late Symptomatic SOD1 Mice Modeling ALS. <i>PLoS ONE</i> , 2007, 2, e1205.	1.1	197
15	Expression of Neural Markers in Human Umbilical Cord Blood. <i>Experimental Neurology</i> , 2001, 171, 109-115.	2.0	196
16	Ultrastructure of blood-brain barrier and blood-spinal cord barrier in SOD1 mice modeling ALS. <i>Brain Research</i> , 2007, 1157, 126-137.	1.1	195
17	Improved learning and memory in aged rats with chronic administration of the nicotinic receptor agonist GTS-21. <i>Brain Research</i> , 1995, 674, 252-259.	1.1	191
18	Menstrual Blood Cells Display Stem Cell-Like Phenotypic Markers and Exert Neuroprotection Following Transplantation in Experimental Stroke. <i>Stem Cells and Development</i> , 2010, 19, 439-452.	1.1	187

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19	Impaired blood-brain/spinal cord barrier in ALS patients. <i>Brain Research</i> , 2012, 1469, 114-128.	1.1	183
20	Human Umbilical Cord Blood Stem Cells Infusion in Spinal Cord Injury: Engraftment and Beneficial Influence on Behavior. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2003, 12, 271-278.	1.8	179
21	Apigenin and luteolin modulate microglial activation via inhibition of STAT1-induced CD40 expression. <i>Journal of Neuroinflammation</i> , 2008, 5, 41.	3.1	175
22	Reversal of long-term locomotor abnormalities in the kainic acid model of huntington's disease by day 18 fetal striatal implants. <i>European Journal of Pharmacology</i> , 1983, 93, 287-288.	1.7	174
23	Long-Term Upregulation of Inflammation and Suppression of Cell Proliferation in the Brain of Adult Rats Exposed to Traumatic Brain Injury Using the Controlled Cortical Impact Model. <i>PLoS ONE</i> , 2013, 8, e53376.	1.1	159
24	Timing of Cord Blood Treatment after Experimental Stroke Determines Therapeutic Efficacy. <i>Cell Transplantation</i> , 2006, 15, 213-223.	1.2	155
25	BODY WEIGHT AND DIETARY FACTORS IN HUNTINGTON'S DISEASE PATIENTS COMPARED WITH MATCHED CONTROLS. <i>Medical Journal of Australia</i> , 1981, 1, 407-409.	0.8	153
26	The quinolinic acid model of Huntington's disease: Locomotor abnormalities. <i>Experimental Neurology</i> , 1989, 105, 45-53.	2.0	152
27	Testis-derived Sertoli cells survive and provide localized immunoprotection for xenografts in rat brain. <i>Nature Biotechnology</i> , 1996, 14, 1692-1695.	9.4	145
28	Spontaneously recurrent seizures after intracerebral injections of kainic acid in rat: a possible model of human temporal lobe epilepsy. <i>Brain Research</i> , 1980, 200, 481-487.	1.1	138
29	Neurodegeneration in the rat hippocampus and striatum after middle cerebral artery occlusion. <i>Brain Research</i> , 2002, 929, 252-260.	1.1	138
30	Human Umbilical Cord Blood Cells Express Neural Antigens after Transplantation into the Developing Rat Brain. <i>Cell Transplantation</i> , 2002, 11, 265-274.	1.2	132
31	Anatomical predictors of behavioral recovery following fetal striatal transplants. <i>Brain Research</i> , 1986, 365, 249-258.	1.1	127
32	Alpha-synuclein as a Pathological Link Between Chronic Traumatic Brain Injury and Parkinson's Disease. <i>Journal of Cellular Physiology</i> , 2015, 230, 1024-1032.	2.0	127
33	Severity of controlled cortical impact traumatic brain injury in rats and mice dictates degree of behavioral deficits. <i>Brain Research</i> , 2009, 1287, 157-163.	1.1	126
34	Human Umbilical Cord Blood Mononuclear Cells for the Treatment of Acute Myocardial Infarction. <i>Cell Transplantation</i> , 2004, 13, 729-740.	1.2	122
35	Behavioral pathology induced by repeated systemic injections of 3-nitropropionic acid mimics the motoric symptoms of Huntington's disease. <i>Brain Research</i> , 1995, 697, 254-257.	1.1	117
36	Human Umbilical Cord Blood Progenitors: The Potential of These Hematopoietic Cells to Become Neural. <i>Stem Cells</i> , 2005, 23, 1560-1570.	1.4	117

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37	CD40 signaling regulates innate and adaptive activation of microglia in response to amyloid β -peptide. <i>European Journal of Immunology</i> , 2005, 35, 901-910.	1.6	115
38	Blood-CNS Barrier Impairment in ALS patients versus an animal model. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 21.	1.8	114
39	A novel approach to neural transplantation in Parkinson's disease: Use of polymer-encapsulated cell therapy. <i>Neuroscience and Biobehavioral Reviews</i> , 1992, 16, 437-447.	2.9	111
40	Infusion of Human Umbilical Cord Blood Ameliorates Neurologic Deficits in Rats with Hemorrhagic Brain Injury. <i>Annals of the New York Academy of Sciences</i> , 2005, 1049, 84-96.	1.8	111
41	Mobilized Peripheral Blood Cells Administered Intravenously Produce Functional Recovery in Stroke. <i>Cell Transplantation</i> , 2003, 12, 449-454.	1.2	110
42	Peripherally Administered Human Umbilical Cord Blood Cells Reduce Parenchymal and Vascular β -Amyloid Deposits in Alzheimer Mice. <i>Stem Cells and Development</i> , 2008, 17, 423-440.	1.1	110
43	Locomotor and passive avoidance deficits following occlusion of the middle cerebral artery. <i>Physiology and Behavior</i> , 1995, 58, 909-917.	1.0	109
44	Locomotor hyperactivity: Effects of multiple striatal transplants in an animal model of Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 1986, 25, 297-300.	1.3	107
45	Umbilical Cord Blood-Derived Stem Cells and Brain Repair. <i>Annals of the New York Academy of Sciences</i> , 2005, 1049, 67-83.	1.8	105
46	Nicotine enhances morris water maze performance of young and aged rats. <i>Neurobiology of Aging</i> , 1995, 16, 857-860.	1.5	103
47	Amyotrophic lateral sclerosis: A neurovascular disease. <i>Brain Research</i> , 2011, 1398, 113-125.	1.1	103
48	Glial cell survival is enhanced during melatonin-induced neuroprotection against cerebral ischemia. <i>FASEB Journal</i> , 2000, 14, 1307-1317.	0.2	102
49	Transdermal Nicotine and Haloperidol in Tourette's Disorder. <i>Journal of Clinical Psychiatry</i> , 2001, 62, 707-714.	1.1	101
50	Cerebral ischemia and CNS transplantation. <i>NeuroReport</i> , 1998, 9, 3703-3709.	0.6	98
51	Cytokines produced by cultured human umbilical cord blood (HUCB) cells: Implications for brain repair. <i>Experimental Neurology</i> , 2006, 199, 201-208.	2.0	98
52	The effects of nicotine plus haloperidol compared to nicotine only and placebo nicotine only in reducing tic severity and frequency in Tourette's disorder. <i>Biological Psychiatry</i> , 1992, 31, 832-840.	0.7	97
53	The immunology of traumatic brain injury: a prime target for Alzheimer's disease prevention. <i>Journal of Neuroinflammation</i> , 2012, 9, 185.	3.1	96
54	Multicenter, Double-Blind, Placebo-Controlled Study of Mecamylamine Monotherapy for Tourette's Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2001, 40, 1103-1110.	0.3	94

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55	Combination Therapy of Human Umbilical Cord Blood Cells and Granulocyte Colony Stimulating Factor Reduces Histopathological and Motor Impairments in an Experimental Model of Chronic Traumatic Brain Injury. PLoS ONE, 2014, 9, e90953.	1.1	94
56	Asymmetrical motor behavior in rats with unilateral striatal excitotoxic lesions as revealed by the elevated body swing test. Brain Research, 1995, 676, 231-234.	1.1	91
57	Testis-derived Sertoli cells have a trophic effect on dopamine neurons and alleviate hemiparkinsonism in rats. Nature Medicine, 1997, 3, 1129-1132.	15.2	91
58	Positive Effect of Transplantation of hNT Neurons (NTera 2/D1 Cell-Line) in a Model of Familial Amyotrophic Lateral Sclerosis. Experimental Neurology, 2002, 174, 169-180.	2.0	91
59	Nicotine for the treatment of Tourette's syndrome. , 1997, 74, 21-25.		90
60	Human Umbilical Cord Blood Treatment in a Mouse Model of ALS: Optimization of Cell Dose. PLoS ONE, 2008, 3, e2494.	1.1	90
61	Impaired learning and memory after kainic acid lesions of the striatum: a behavioral model of Huntington's disease. Brain Research, 1978, 149, 546-551.	1.1	89
62	Human Umbilical Cord Blood Cell Grafts for Brain Ischemia. Cell Transplantation, 2009, 18, 985-998.	1.2	88
63	Intravenous administration of human umbilical cord blood reduces neurological deficit in the rat after traumatic brain injury. Cell Transplantation, 2002, 11, 275-81.	1.2	88
64	Peripheral injection of human umbilical cord blood stimulates neurogenesis in the aged rat brain. BMC Neuroscience, 2008, 9, 22.	0.8	84
65	CNS immunological modulation of neural graft rejection and survival. Neurological Research, 1996, 18, 297-304.	0.6	82
66	Nicotine enhances the learning and memory of aged rats. Pharmacology Biochemistry and Behavior, 1995, 52, 517-523.	1.3	81
67	Estrogen protects against while testosterone exacerbates vulnerability of the lateral striatal artery to chemical hypoxia by 3-nitropropionic acid. Neuroscience Research, 1998, 30, 303-312.	1.0	80
68	Viability and survival of hNT neurons determine degree of functional recovery in grafted ischemic rats. NeuroReport, 1998, 9, 2837-2842.	0.6	80
69	Recent Studies Assessing the Proliferative Capability of a Novel Adult Stem Cell Identified in Menstrual Blood. Open Stem Cell Journal, 2011, 3, 4-10.	2.0	80
70	Nicotine's oxidative and antioxidant properties in CNS. Life Sciences, 2002, 71, 2807-2820.	2.0	79
71	Transplantation of Umbilical Cord Blood Stem Cells for Treating Spinal Cord Injury. Stem Cell Reviews and Reports, 2011, 7, 181-194.	5.6	79
72	Changing the academic culture: Valuing patents and commercialization toward tenure and career advancement. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6542-6547.	3.3	79

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73	Stroke-induced Migration of Human Umbilical Cord Blood Cells: Time Course and Cytokines. <i>Stem Cells and Development</i> , 2005, 14, 576-586.	1.1	78
74	Humoral factors in ALS patients during disease progression. <i>Journal of Neuroinflammation</i> , 2015, 12, 127.	3.1	77
75	Neuronal nicotinic receptor inhibition for treating mood disorders preliminary controlled evidence with mecamylamine. <i>Depression and Anxiety</i> , 2002, 16, 89-92.	2.0	73
76	Mannitol-Enhanced Delivery of Stem Cells and Their Growth Factors across the Blood-Brain Barrier. <i>Cell Transplantation</i> , 2014, 23, 531-539.	1.2	72
77	The Tourette's Disorder Scale (TODS). <i>Assessment</i> , 2003, 10, 273-287.	1.9	71
78	Human Cord Blood Cells and Myocardial Infarction: Effect of Dose and Route of Administration on Infarct Size. <i>Cell Transplantation</i> , 2007, 16, 907-917.	1.2	71
79	Neural Transplantation as an Experimental Treatment Modality for Cerebral Ischemia. <i>Neuroscience and Biobehavioral Reviews</i> , 1997, 21, 79-90.	2.9	69
80	Tumorigenicity Issues of Embryonic Carcinoma-derived Stem Cells: Relevance to Surgical Trials Using NT2 and hNT Neural Cells. <i>Stem Cells and Development</i> , 2005, 14, 29-43.	1.1	69
81	Nutraceuticals Synergistically Promote Proliferation of Human Stem Cells. <i>Stem Cells and Development</i> , 2006, 15, 118-123.	1.1	67
82	Body weight, feeding, and drinking behaviors in rats with kainic acid-induced lesions of striatal neurons. With a note on body weight symptomatology in Huntington's disease. <i>Experimental Neurology</i> , 1979, 66, 444-466.	2.0	66
83	Cholinergic lesion of the striatum impairs acquisition and retention of a passive avoidance response. <i>Behavioral Neuroscience</i> , 1984, 98, 162-165.	0.6	66
84	Treatment of Tourette's syndrome with mecamylamine. <i>Lancet, The</i> , 1998, 352, 705-706.	6.3	66
85	The Treatment of Neurodegenerative Disorders Using Umbilical Cord Blood and Menstrual Blood-Derived Stem Cells. <i>Cell Transplantation</i> , 2011, 20, 85-94.	1.2	65
86	Neural transplantation for neurodegenerative disorders. <i>Lancet, The</i> , 1999, 353, S29-S30.	6.3	64
87	Quantitative analyses of matrix metalloproteinase activity after traumatic brain injury in adult rats. <i>Brain Research</i> , 2009, 1280, 172-177.	1.1	64
88	MIP-1 and MCP-1 Induce Migration of Human Umbilical Cord Blood Cells in Models of Stroke. <i>Current Neurovascular Research</i> , 2008, 5, 118-124.	0.4	59
89	Hyperactivity and hypoactivity in a rat model of Huntington's disease: the systemic 3-nitropropionic acid model. <i>Brain Research Protocols</i> , 1997, 1, 253-257.	1.7	58
90	Quinolinic acid lesions of rat striatum abolish D1- and D2-dopamine receptor-mediated catalepsy. <i>Brain Research</i> , 1988, 450, 403-407.	1.1	57

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91	Lithium Chloride Induces the Expression of Tyrosine Hydroxylase in hNT Neurons. <i>Experimental Neurology</i> , 1999, 157, 251-258.	2.0	57
92	Umbilical Cord Blood Research: Current and Future Perspectives. <i>Cell Transplantation</i> , 2007, 16, 151-158.	1.2	57
93	Optimized Turmeric Extracts have Potent Anti-Amyloidogenic Effects. <i>Current Alzheimer Research</i> , 2009, 6, 564-571.	0.7	55
94	Optimized Turmeric Extract Reduces β -Amyloid and Phosphorylated Tau Protein Burden in Alzheimer's Transgenic Mice. <i>Current Alzheimer Research</i> , 2012, 9, 500-506.	0.7	55
95	Avoidance, operant and locomotor behavior in rats with neostriatal injections of kainic acid. <i>Pharmacology Biochemistry and Behavior</i> , 1979, 10, 137-144.	1.3	53
96	Survival of Rat and Porcine Sertoli Cell Transplants in the Rat Striatum without Cyclosporine-A Immunosuppression. <i>Experimental Neurology</i> , 1997, 146, 299-304.	2.0	53
97	Blood-Brain Barrier Alterations Provide Evidence of Subacute Diaschisis in an Ischemic Stroke Rat Model. <i>PLoS ONE</i> , 2013, 8, e63553.	1.1	53
98	Multiple Intravenous Administrations of Human Umbilical Cord Blood Cells Benefit in a Mouse Model of ALS. <i>PLoS ONE</i> , 2012, 7, e31254.	1.1	53
99	Cord Blood Mesenchymal Stem Cells: Potential Use in Neurological Disorders. <i>Stem Cells and Development</i> , 2006, 15, 497-506.	1.1	52
100	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. <i>PLoS ONE</i> , 2010, 5, e10496.	1.1	52
101	Inflammation and Stem Cell Migration to the Injured Brain in Higher Organisms. <i>Stem Cells and Development</i> , 2009, 18, 693-702.	1.1	51
102	Compromised blood-brain barrier competence in remote brain areas in ischemic stroke rats at the chronic stage. <i>Journal of Comparative Neurology</i> , 2014, 522, 3120-3137.	0.9	51
103	Case Study: Long-Term Potentiation of Neuroleptics with Transdermal Nicotine in Tourette's Syndrome. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1996, 35, 1631-1636.	0.3	50
104	Dopaminergic phenotype of hNT cells in vitro. <i>Developmental Brain Research</i> , 2000, 122, 87-90.	2.1	50
105	The topography of MK-801-induced locomotor patterns in rats. <i>Physiology and Behavior</i> , 1989, 46, 755-758.	1.0	49
106	Mecamylamine in Tourette's Syndrome: A Two-Year Retrospective Case Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2000, 10, 59-68.	0.7	49
107	Neural transplantation for treatment of Parkinson's disease. <i>Drug Discovery Today</i> , 2002, 7, 674-682.	3.2	48
108	Novel cell therapy approaches for brain repair. <i>Progress in Brain Research</i> , 2006, 157, 207-222.	0.9	48

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109	Increased Neuronal Proliferation in the Dentate Gyrus of Aged Rats Following Neural Stem Cell Implantation. <i>Stem Cells and Development</i> , 2010, 19, 175-180.	1.1	48
110	Influence of Post-Traumatic Stress Disorder on Neuroinflammation and Cell Proliferation in a Rat Model of Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e81585.	1.1	48
111	Locomotor activity, exploration and spatial alternation learning in rats with striatal injections of kainic acid. <i>Physiology and Behavior</i> , 1980, 24, 11-19.	1.0	47
112	Kainic acid injections in the striatum alter the cataleptic and locomotor effects of drugs influencing dopaminergic and cholinergic systems. <i>European Journal of Pharmacology</i> , 1981, 74, 347-357.	1.7	47
113	Neuroleptic dysphoria. <i>Biological Psychiatry</i> , 1991, 29, 201-203.	0.7	47
114	Sertoli cells enhance the survival of co-transplanted dopamine neurons. <i>Brain Research</i> , 1999, 822, 246-250.	1.1	47
115	A Pilot Controlled Trial of Transdermal Nicotine in the Treatment of Attention Deficit Hyperactivity Disorder. <i>World Journal of Biological Psychiatry</i> , 2002, 3, 150-155.	1.3	47
116	Human Cord Blood Mononuclear Cells Decrease Cytokines and Inflammatory Cells in Acute Myocardial Infarction. <i>Stem Cells and Development</i> , 2008, 17, 1207-1220.	1.1	47
117	Increased Amyloid Precursor Protein and Tau Expression Manifests as Key Secondary Cell Death in Chronic Traumatic Brain Injury. <i>Journal of Cellular Physiology</i> , 2017, 232, 665-677.	2.0	46
118	Glutamate and Huntington's Disease. <i>Medical Journal of Australia</i> , 1981, 2, 460-465.	0.8	46
119	Intraparenchymal fetal striatal transplants and recovery in kainic acid lesioned rats. <i>Brain Research</i> , 1988, 446, 183-188.	1.1	45
120	Induction of presenilins in the rat brain after middle cerebral arterial occlusion. <i>Brain Research Bulletin</i> , 1999, 48, 539-543.	1.4	45
121	The topography of amphetamine and scopolamine-induced hyperactivity: Toward an activity print.. <i>Behavioral Neuroscience</i> , 1987, 101, 131-133.	0.6	44
122	Mesenchymal Stem Cells in Autoimmune Disease. <i>Stem Cells and Development</i> , 2004, 13, 463-472.	1.1	44
123	Monocyte transplantation for neural and cardiovascular ischemia repair. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 553-563.	1.6	44
124	Autophagic down-regulation in motor neurons remarkably prolongs the survival of ALS mice. <i>Neuropharmacology</i> , 2016, 108, 152-160.	2.0	44
125	Haloperidol-induced emotional defecation: a possible model for neuroleptic anxiety syndrome. <i>Psychopharmacology</i> , 1987, 91, 45-49.	1.5	43
126	Systemic, but not intraparenchymal, administration of 3-nitropropionic acid mimics the neuropathology of Huntington's disease: a speculative explanation. <i>Neuroscience Research</i> , 1997, 28, 185-189.	1.0	43

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127	Effects of Sertoli cell transplants in a 3-nitropropionic acid model of early Huntington's disease: a preliminary study. <i>Neurotoxicity Research</i> , 2003, 5, 443-450.	1.3	43
128	Neural stem cells for Parkinson's disease: To protect and repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11869-11870.	3.3	43
129	Dietary Supplementation Exerts Neuroprotective Effects in Ischemic Stroke Model. <i>Rejuvenation Research</i> , 2008, 11, 201-214.	0.9	43
130	Human umbilical cord blood cells express neural antigens after transplantation into the developing rat brain. <i>Cell Transplantation</i> , 2002, 11, 265-74.	1.2	43
131	Nicotine potentiates haloperidol-induced catalepsy and locomotor hypoactivity. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 38, 875-880.	1.3	42
132	Corticosterone-attenuating and anxiolytic properties of mecamylamine in the rat. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2001, 25, 609-620.	2.5	42
133	Multiple Low-Dose Infusions of Human Umbilical Cord Blood Cells Improve Cognitive Impairments and Reduce Amyloid- β -Associated Neuropathology in Alzheimer Mice. <i>Stem Cells and Development</i> , 2013, 22, 412-421.	1.1	42
134	(-)-Nicotine Protects against Systemic Kainic Acid-Induced Excitotoxic Effects. <i>Experimental Neurology</i> , 1995, 136, 261-265.	2.0	41
135	Nicotine and cannabinoids as adjuncts to neuroleptics in the treatment of tourette syndrome and other motor disorders. <i>Life Sciences</i> , 1989, 44, 1521-1525.	2.0	40
136	Striatal dopamine-mediated motor behavior is altered following occlusion of the middle cerebral artery. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 52, 225-229.	1.3	40
137	Transplantation of Human Umbilical Cord Blood Cells Benefits an Animal Model of Sanfilippo Syndrome Type B. <i>Stem Cells and Development</i> , 2005, 14, 384-394.	1.1	40
138	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018, 27, 310-324.	1.2	40
139	Article Commentary: Development of the Human Striatum: Implications for Fetal Striatal Transplantation in the Treatment of Huntington's Disease. <i>Cell Transplantation</i> , 1995, 4, 539-545.	1.2	38
140	Neurological disorders and the potential role for stem cells as a therapy. <i>British Medical Bulletin</i> , 2012, 101, 163-181.	2.7	38
141	Intracerebral Transplantation of Testis-Derived Sertoli Cells Promotes Functional Recovery in Female Rats with 6-Hydroxydopamine-Induced Hemiparkinsonism. <i>Experimental Neurology</i> , 1997, 148, 388-392.	2.0	37
142	Comorbid bipolar disorder in Tourette's syndrome responds to the nicotinic receptor antagonist mecamylamine (Inversine). <i>Biological Psychiatry</i> , 2000, 48, 1028-1031.	0.7	37
143	Recent progress in cell therapy for basal ganglia disorders with emphasis on menstrual blood transplantation in stroke. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 177-190.	2.9	37
144	The innate and adaptive immunological aspects in neurodegenerative diseases. <i>Journal of Neuroimmunology</i> , 2014, 269, 1-8.	1.1	37

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145	Endothelial and Astrocytic Support by Human Bone Marrow Stem Cell Grafts into Symptomatic ALS Mice towards Blood-Spinal Cord Barrier Repair. <i>Scientific Reports</i> , 2017, 7, 884.	1.6	37
146	Experiential influences on catalepsy. <i>Psychopharmacology</i> , 1980, 69, 225-226.	1.5	36
147	Sensitization of rotation behavior in rats with unilateral 6-hydroxydopamine or kainic acid-induced striatal lesions. <i>Pharmacology Biochemistry and Behavior</i> , 1990, 37, 755-759.	1.3	36
148	Sertoli cell transplants: their use in the treatment of neurodegenerative disease. <i>Trends in Molecular Medicine</i> , 1998, 4, 471-477.	2.6	36
149	Intrastriatal Transplantation of Rat Adrenal Chromaffin Cells Seeded on Microcarrier Beads Promote Long-Term Functional Recovery in Hemiparkinsonian Rats. <i>Experimental Neurology</i> , 1998, 151, 203-214.	2.0	36
150	Oxidative Stress of Neural, Hematopoietic, and Stem Cells: Protection by Natural Compounds. <i>Rejuvenation Research</i> , 2007, 10, 173-178.	0.9	36
151	Automated measurement of stereotypic behavior in rats.. <i>Behavioral Neuroscience</i> , 1983, 97, 830-832.	0.6	35
152	Functional effects of fetal striatal transplants. <i>Brain Research Bulletin</i> , 1989, 22, 163-172.	1.4	35
153	Transplantation of human umbilical cord blood cells in the repair of CNS diseases. <i>Expert Opinion on Biological Therapy</i> , 2004, 4, 121-130.	1.4	35
154	Implications of blood-brain barrier disruption in ALS. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2008, 9, 375-376.	2.3	35
155	Striatal, ventral mesencephalic and cortical transplants into the intact rat striatum: A neuroanatomical study. <i>Experimental Neurology</i> , 1991, 113, 109-130.	2.0	34
156	Transdermal nicotine for Tourette's syndrome. <i>Drug Development Research</i> , 1996, 38, 290-298.	1.4	34
157	Mankind's first natural stem cell transplant. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 488-495.	1.6	34
158	May the force be with you: Transfer of healthy mitochondria from stem cells to stroke cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 367-370.	2.4	34
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