

# Jeffrey H Kordower

## List of Publications by Citations

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229  
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25,696  
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28,660  
ext. citations

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#	Paper	IF	Citations
229	Dopamine neurons derived from human ES cells efficiently engraft in animal models of Parkinson's disease. <i>Nature</i> , <b>2011</b> , 480, 547-51	50.4	1294
228	Lewy body-like pathology in long-term embryonic nigral transplants in Parkinson's disease. <i>Nature Medicine</i> , <b>2008</b> , 14, 504-6	50.5	1209
227	A double-blind controlled trial of bilateral fetal nigral transplantation in Parkinson's disease. <i>Annals of Neurology</i> , <b>2003</b> , 54, 403-14	9.4	1206
226	Neurodegeneration prevented by lentiviral vector delivery of GDNF in primate models of Parkinson's disease. <i>Science</i> , <b>2000</b> , 290, 767-73	33.3	1076
225	A phase 1 clinical trial of nerve growth factor gene therapy for Alzheimer disease. <i>Nature Medicine</i> , <b>2005</b> , 11, 551-5	50.5	823
224	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> , <b>1995</b> , 332, 1118-24	59.2	764
223	Disease duration and the integrity of the nigrostriatal system in Parkinson's disease. <i>Brain</i> , <b>2013</b> , 136, 2419-31	11.2	682
222	Upregulation of choline acetyltransferase activity in hippocampus and frontal cortex of elderly subjects with mild cognitive impairment. <i>Annals of Neurology</i> , <b>2002</b> , 51, 145-55	9.4	553
221	Missing pieces in the Parkinson's disease puzzle. <i>Nature Medicine</i> , <b>2010</b> , 16, 653-61	50.5	521
220	Gene delivery of AAV2-neurturin for Parkinson's disease: a double-blind, randomised, controlled trial. <i>Lancet Neurology</i> , <b>2010</b> , 9, 1164-1172	24.1	498
219	Increased intestinal permeability correlates with sigmoid mucosa alpha-synuclein staining and endotoxin exposure markers in early Parkinson's disease. <i>PLoS ONE</i> , <b>2011</b> , 6, e28032	3.7	483
218	Bilateral fetal nigral transplantation into the postcommissural putamen in Parkinson's disease. <i>Annals of Neurology</i> , <b>1995</b> , 38, 379-88	9.4	370
217	Clinicopathological findings following intraventricular glial-derived neurotrophic factor treatment in a patient with Parkinson's disease. <i>Annals of Neurology</i> , <b>1999</b> , 46, 419-24	9.4	354
216	Loss and atrophy of layer II entorhinal cortex neurons in elderly people with mild cognitive impairment. <i>Annals of Neurology</i> , <b>2001</b> , 49, 202-213	9.4	346
215	Selective inhibition of NF-kappaB activation prevents dopaminergic neuronal loss in a mouse model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 18754-9	11.5	334
214	Alterations in lysosomal and proteasomal markers in Parkinson's disease: relationship to alpha-synuclein inclusions. <i>Neurobiology of Disease</i> , <b>2009</b> , 35, 385-98	7.5	320
213	Age-associated increases of alpha-synuclein in monkeys and humans are associated with nigrostriatal dopamine depletion: Is this the target for Parkinson's disease?. <i>Neurobiology of Disease</i> , <b>2007</b> , 25, 134-49	7.5	316

212	Is alpha-synuclein in the colon a biomarker for premotor Parkinson's disease? Evidence from 3 cases. <i>Movement Disorders</i> , <b>2012</b> , 27, 716-9	7	295
211	TrkA-immunoreactive profiles in the central nervous system: colocalization with neurons containing p75 nerve growth factor receptor, choline acetyltransferase, and serotonin. <i>Journal of Comparative Neurology</i> , <b>1994</b> , 350, 587-611	3-4	293
210	Alpha-synuclein in colonic submucosa in early untreated Parkinson's disease. <i>Movement Disorders</i> , <b>2012</b> , 27, 709-15	7	292
209	Long-term evaluation of bilateral fetal nigral transplantation in Parkinson disease. <i>Archives of Neurology</i> , <b>1999</b> , 56, 179-87		292
208	Ageing as a primary risk factor for Parkinson's disease: evidence from studies of non-human primates. <i>Nature Reviews Neuroscience</i> , <b>2011</b> , 12, 359-66	13-5	285
207	Protective effect of encapsulated cells producing neurotrophic factor CNTF in a monkey model of Huntington's disease. <i>Nature</i> , <b>1997</b> , 386, 395-9	50-4	279
206	The role of alpha-synuclein in Parkinson's disease: insights from animal models. <i>Nature Reviews Neuroscience</i> , <b>2003</b> , 4, 727-38	13-5	278
205	Age-related declines in nigral neuronal function correlate with motor impairments in rhesus monkeys. <i>Journal of Comparative Neurology</i> , <b>1998</b> , 401, 253-265	3-4	252
204	Functional fetal nigral grafts in a patient with Parkinson's disease: chemoanatomic, ultrastructural, and metabolic studies. <i>Journal of Comparative Neurology</i> , <b>1996</b> , 370, 203-30	3-4	249
203	Fetal nigral grafts survive and mediate clinical benefit in a patient with Parkinson's disease. <i>Movement Disorders</i> , <b>1998</b> , 13, 383-93	7	232
202	Nerve growth factor receptor immunoreactive profiles in the normal, aged human basal forebrain: colocalization with cholinergic neurons. <i>Journal of Comparative Neurology</i> , <b>1989</b> , 285, 196-217	3-4	230
201	Loss of nerve growth factor receptor-containing neurons in Alzheimer's disease: a quantitative analysis across subregions of the basal forebrain. <i>Experimental Neurology</i> , <b>1989</b> , 105, 221-32	5-7	230
200	Delivery of neurturin by AAV2 (CERE-120)-mediated gene transfer provides structural and functional neuroprotection and neurorestoration in MPTP-treated monkeys. <i>Annals of Neurology</i> , <b>2006</b> , 60, 706-15	9-4	213
199	Transplanted dopaminergic neurons develop PD pathologic changes: a second case report. <i>Movement Disorders</i> , <b>2008</b> , 23, 2303-6	7	212
198	Human neural stem cell transplants improve motor function in a rat model of Huntington's disease. <i>Journal of Comparative Neurology</i> , <b>2004</b> , 475, 211-9	3-4	206
197	Alterations in axonal transport motor proteins in sporadic and experimental Parkinson's disease. <i>Brain</i> , <b>2012</b> , 135, 2058-73	11-2	203
196	Loss of nucleus basalis neurons containing trkA immunoreactivity in individuals with mild cognitive impairment and early Alzheimer's disease. <i>Journal of Comparative Neurology</i> , <b>2000</b> , 427, 19-30	3-4	198
195	Putative chromaffin cell survival and enhanced host-derived TH-fiber innervation following a functional adrenal medulla autograft for Parkinson's disease. <i>Annals of Neurology</i> , <b>1991</b> , 29, 405-12	9-4	197

194	Nerve growth factor in Alzheimer's disease: defective retrograde transport to nucleus basalis. <i>NeuroReport</i> , <b>1995</b> , 6, 1063-6	1.7	191
193	Gene delivery of neurturin to putamen and substantia nigra in Parkinson disease: A double-blind, randomized, controlled trial. <i>Annals of Neurology</i> , <b>2015</b> , 78, 248-57	9.4	190
192	Implants of encapsulated human CNTF-producing fibroblasts prevent behavioral deficits and striatal degeneration in a rodent model of Huntington's disease. <i>Journal of Neuroscience</i> , <b>1996</b> , 16, 5168-81	6.6	190
191	Loss of basal forebrain P75(NTR) immunoreactivity in subjects with mild cognitive impairment and Alzheimer's disease. <i>Journal of Comparative Neurology</i> , <b>2002</b> , 443, 136-53	3.4	182
190	Implants of polymer-encapsulated human NGF-secreting cells in the nonhuman primate: rescue and sprouting of degenerating cholinergic basal forebrain neurons. <i>Journal of Comparative Neurology</i> , <b>1994</b> , 349, 148-64	3.4	175
189	Nerve growth factor receptor immunoreactivity in the nonhuman primate ( <i>Cebus apella</i> ): distribution, morphology, and colocalization with cholinergic enzymes. <i>Journal of Comparative Neurology</i> , <b>1988</b> , 277, 465-86	3.4	173
188	Estrogen increases the number of spinophilin-immunoreactive spines in the hippocampus of young and aged female rhesus monkeys. <i>Journal of Comparative Neurology</i> , <b>2003</b> , 465, 540-50	3.4	169
187	Lentiviral gene transfer to the nonhuman primate brain. <i>Experimental Neurology</i> , <b>1999</b> , 160, 1-16	5.7	168
186	Lentivirally delivered glial cell line-derived neurotrophic factor increases the number of striatal dopaminergic neurons in primate models of nigrostriatal degeneration. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 4942-54	6.6	166
185	Role of TLR4 in the gut-brain axis in Parkinson's disease: a translational study from men to mice. <i>Gut</i> , <b>2019</b> , 68, 829-843	19.2	156
184	Nurr1 in Parkinson's disease and related disorders. <i>Journal of Comparative Neurology</i> , <b>2006</b> , 494, 495-514	3.4	155
183	Reduction in p140-TrkA receptor protein within the nucleus basalis and cortex in Alzheimer's disease. <i>Experimental Neurology</i> , <b>1997</b> , 146, 91-103	5.7	154
182	Animal models of Huntington's disease. <i>ILAR Journal</i> , <b>2007</b> , 48, 356-73	1.7	151
181	Age-related decreases in Nurr1 immunoreactivity in the human substantia nigra. <i>Journal of Comparative Neurology</i> , <b>2002</b> , 450, 203-14	3.4	149
180	Galanin immunoreactivity in the primate central nervous system. <i>Journal of Comparative Neurology</i> , <b>1992</b> , 319, 479-500	3.4	148
179	Progression of intestinal permeability changes and alpha-synuclein expression in a mouse model of Parkinson's disease. <i>Movement Disorders</i> , <b>2014</b> , 29, 999-1009	7	144
178	Substantia nigra tangles are related to gait impairment in older persons. <i>Annals of Neurology</i> , <b>2006</b> , 59, 166-73	9.4	142
177	Transfer of host-derived $\beta$ synuclein to grafted dopaminergic neurons in rat. <i>Neurobiology of Disease</i> , <b>2011</b> , 43, 552-7	7.5	140

176	A phase1 study of stereotactic gene delivery of AAV2-NGF for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, 571-81	1.2	136
175	Therapeutic approaches to target alpha-synuclein pathology. <i>Experimental Neurology</i> , <b>2017</b> , 298, 225-235	5.7	133
174	Endocytic vesicle rupture is a conserved mechanism of cellular invasion by amyloid proteins. <i>Acta Neuropathologica</i> , <b>2017</b> , 134, 629-653	14.3	131
173	Bioactivity of AAV2-neurturin gene therapy (CERE-120): differences between Parkinson's disease and nonhuman primate brains. <i>Movement Disorders</i> , <b>2011</b> , 26, 27-36	7	128
172	Proteasome inhibition and Parkinson's disease modeling. <i>Annals of Neurology</i> , <b>2006</b> , 60, 260-4	9.4	124
171	Aging-related changes in the nigrostriatal dopamine system and the response to MPTP in nonhuman primates: diminished compensatory mechanisms as a prelude to parkinsonism. <i>Neurobiology of Disease</i> , <b>2007</b> , 26, 56-65	7.5	121
170	AAV2-mediated delivery of human neurturin to the rat nigrostriatal system: long-term efficacy and tolerability of CERE-120 for Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2007</b> , 27, 67-76	7.5	121
169	Neurotrophic factor therapy for Parkinson's disease. <i>Progress in Brain Research</i> , <b>2010</b> , 184, 237-64	2.9	118
168	Failure of proteasome inhibitor administration to provide a model of Parkinson's disease in rats and monkeys. <i>Annals of Neurology</i> , <b>2006</b> , 60, 264-8	9.4	117
167	Striatal delivery of CERE-120, an AAV2 vector encoding human neurturin, enhances activity of the dopaminergic nigrostriatal system in aged monkeys. <i>Movement Disorders</i> , <b>2007</b> , 22, 1124-32	7	116
166	Early changes in Huntington's disease patient brains involve alterations in cytoskeletal and synaptic elements. <i>Journal of Neurocytology</i> , <b>2004</b> , 33, 517-33		112
165	Galanin-like immunoreactivity within the primate basal forebrain: differential staining patterns between humans and monkeys. <i>Journal of Comparative Neurology</i> , <b>1990</b> , 294, 281-92	3.4	112
164	Aging and Parkinson's disease: Different sides of the same coin?. <i>Movement Disorders</i> , <b>2017</b> , 32, 983-990	7	111
163	Trophic factor gene therapy for Parkinson's disease. <i>Movement Disorders</i> , <b>2013</b> , 28, 96-109	7	99
162	Mitochondrial pyruvate carrier regulates autophagy, inflammation, and neurodegeneration in experimental models of Parkinson's disease. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 368ra174	17.5	99
161	Fetal Grafting for Parkinson's Disease: Expression of Immune Markers in Two Patients with Functional Fetal Nigral Implants. <i>Cell Transplantation</i> , <b>1997</b> , 6, 213-219	4	95
160	Differential vulnerability of neurons in Huntington's disease: the role of cell type-specific features. <i>Journal of Neurochemistry</i> , <b>2010</b> , 113, 1073-91	6	93
159	Estrogen receptor immunoreactivity within subregions of the rat forebrain: neuronal distribution and association with perikarya containing choline acetyltransferase. <i>Brain Research</i> , <b>1999</b> , 849, 253-74	3.7	89

158	Doublecortin expression in adult cat and primate cerebral cortex relates to immature neurons that develop into GABAergic subgroups. <i>Experimental Neurology</i> , <b>2009</b> , 216, 342-56	5.7	87
157	Induction of alpha-synuclein pathology in the enteric nervous system of the rat and non-human primate results in gastrointestinal dysmotility and transient CNS pathology. <i>Neurobiology of Disease</i> , <b>2018</b> , 112, 106-118	7.5	86
156	In vivo gene delivery of glial cell line--derived neurotrophic factor for Parkinson's disease. <i>Annals of Neurology</i> , <b>2003</b> , 53 Suppl 3, S120-32; discussion S132-4	9.4	86
155	Chronic stress-induced gut dysfunction exacerbates Parkinson's disease phenotype and pathology in a rotenone-induced mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2020</b> , 135, 104352	7.5	86
154	Dopaminergic transplants in patients with Parkinson's disease: neuroanatomical correlates of clinical recovery. <i>Experimental Neurology</i> , <b>1997</b> , 144, 41-6	5.7	85
153	Viral delivery of glial cell line-derived neurotrophic factor improves behavior and protects striatal neurons in a mouse model of Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 9345-50	11.5	85
152	Nerve growth factor receptor and choline acetyltransferase remain colocalized in the nucleus basalis (Ch4) of Alzheimer's patients. <i>Neurobiology of Aging</i> , <b>1989</b> , 10, 67-74	5.6	85
151	Grafts of EGF-responsive neural stem cells derived from GFAP-hNGF transgenic mice: trophic and tropic effects in a rodent model of Huntington's disease. <i>Journal of Comparative Neurology</i> , <b>1997</b> , 387, 96-113	3.4	81
150	Focal not widespread grafts induce novel dyskinetic behavior in parkinsonian rats. <i>Neurobiology of Disease</i> , <b>2006</b> , 21, 165-80	7.5	80
149	Alpha-synuclein propagation: New insights from animal models. <i>Movement Disorders</i> , <b>2016</b> , 31, 161-8	7	79
148	Lewy body pathology in fetal grafts. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1184, 55-67	6.5	78
147	Extensive neuroprotection by choroid plexus transplants in excitotoxin lesioned monkeys. <i>Neurobiology of Disease</i> , <b>2006</b> , 23, 471-80	7.5	77
146	Differential transduction following basal ganglia administration of distinct pseudotyped AAV capsid serotypes in nonhuman primates. <i>Molecular Therapy</i> , <b>2010</b> , 18, 579-87	11.7	76
145	PGC-1 Promoter Methylation in Parkinson's Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134087	3.7	74
144	Structural and functional neuroprotection in a rat model of Huntington's disease by viral gene transfer of GDNF. <i>Experimental Neurology</i> , <b>2003</b> , 181, 213-23	5.7	73
143	Dopaminergic transplantation for Parkinson's disease: current status and future prospects. <i>Annals of Neurology</i> , <b>2009</b> , 66, 591-6	9.4	70
142	Doublecortin-expressing cells persist in the associative cerebral cortex and amygdala in aged nonhuman primates. <i>Frontiers in Neuroanatomy</i> , <b>2009</b> , 3, 17	3.6	68
141	Clinical pattern and risk factors for dyskinesias following fetal nigral transplantation in Parkinson's disease: a double blind video-based analysis. <i>Movement Disorders</i> , <b>2009</b> , 24, 336-43	7	68

140	Striatal trophic factor activity in aging monkeys with unilateral MPTP-induced parkinsonism. <i>Experimental Neurology</i> , <b>2005</b> , 191 Suppl 1, S60-7	5.7	66
139	B2 bradykinin receptor immunoreactivity in rat brain. <i>Journal of Comparative Neurology</i> , <b>2000</b> , 427, 1-18	3.4	66
138	Transgene expression, bioactivity, and safety of CERE-120 (AAV2-neurturin) following delivery to the monkey striatum. <i>Molecular Therapy</i> , <b>2008</b> , 16, 1737-44	11.7	65
137	Expression, bioactivity, and safety 1 year after adeno-associated viral vector type 2-mediated delivery of neurturin to the monkey nigrostriatal system support cere-120 for Parkinson's disease. <i>Neurosurgery</i> , <b>2009</b> , 64, 602-12; discussion 612-3	3.2	64
136	Etiology of Parkinson's disease: Genetics and environment revisited. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 13972-4	11.5	64
135	Age-related accumulation of Marinesco bodies and lipofuscin in rhesus monkey midbrain dopamine neurons: relevance to selective neuronal vulnerability. <i>Journal of Comparative Neurology</i> , <b>2007</b> , 502, 683-700	3.7	61
134	Down-regulation of trkA mRNA within nucleus basalis neurons in individuals with mild cognitive impairment and Alzheimer's disease. <i>Journal of Comparative Neurology</i> , <b>2001</b> , 437, 296-307	3.4	61
133	Chronic ischemic stroke model in cynomolgus monkeys: behavioral, neuroimaging and anatomical study. <i>Neurological Research</i> , <b>2003</b> , 25, 68-78	2.7	60
132	Age and region-specific responses of microglia, but not astrocytes, suggest a role in selective vulnerability of dopamine neurons after 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine exposure in monkeys. <i>Glia</i> , <b>2008</b> , 56, 1199-214	9	55
131	Nerve growth factor-like immunoreactive profiles in the primate basal forebrain and hippocampal formation. <i>Journal of Comparative Neurology</i> , <b>1994</b> , 341, 507-19	3.4	55
130	Human autologous iPSC-derived dopaminergic progenitors restore motor function in Parkinson's disease models. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 904-920	15.9	55
129	Robust graft survival and normalized dopaminergic innervation do not obligate recovery in a Parkinson disease patient. <i>Annals of Neurology</i> , <b>2017</b> , 81, 46-57	9.4	54
128	Trophic factors therapy in Parkinson's disease. <i>Progress in Brain Research</i> , <b>2009</b> , 175, 201-16	2.9	54
127	Role of heparin binding growth factors in nigrostriatal dopamine system development and Parkinson's disease. <i>Brain Research</i> , <b>2007</b> , 1147, 77-88	3.7	54
126	Properly scaled and targeted AAV2-NRTN (neurturin) to the substantia nigra is safe, effective and causes no weight loss: support for nigral targeting in Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2011</b> , 44, 38-52	7.5	53
125	Temporal evolution of microglia and $\beta$ synuclein accumulation following foetal grafting in Parkinson's disease. <i>Brain</i> , <b>2019</b> , 142, 1690-1700	11.2	51
124	Gene therapy for Huntington's disease. <i>Neurobiology of Disease</i> , <b>2012</b> , 48, 243-54	7.5	51
123	The prion hypothesis of Parkinson's disease. <i>Current Neurology and Neuroscience Reports</i> , <b>2015</b> , 15, 28	6.6	50



122	Intrastriatal alpha-synuclein fibrils in monkeys: spreading, imaging and neuropathological changes. <i>Brain</i> , <b>2019</b> , 142, 3565-3579	11.2	50
121	trk-immunoreactivity in the monkey central nervous system: forebrain. <i>Journal of Comparative Neurology</i> , <b>1994</b> , 349, 20-35	3.4	50
120	How strong is the evidence that Parkinson's disease is a prion disorder?. <i>Current Opinion in Neurology</i> , <b>2016</b> , 29, 459-66	7.1	48
119	Neutralization of RANTES and Eotaxin Prevents the Loss of Dopaminergic Neurons in a Mouse Model of Parkinson Disease. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 15267-81	5.4	48
118	Cell therapy for Parkinson's disease: what next?. <i>Movement Disorders</i> , <b>2013</b> , 28, 110-5	7	47
117	Trophic factors for Parkinson's disease: To live or let die. <i>Movement Disorders</i> , <b>2015</b> , 30, 1715-24	7	47
116	Abnormal alpha-synuclein reduces nigral voltage-dependent anion channel 1 in sporadic and experimental Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2014</b> , 69, 1-14	7.5	47
115	Prenatal 3,4-methylenedioxymethamphetamine (ecstasy) alters exploratory behavior, reduces monoamine metabolism, and increases forebrain tyrosine hydroxylase fiber density of juvenile rats. <i>Neurotoxicology and Teratology</i> , <b>2003</b> , 25, 509-17	3.9	47
114	The Potential Role of Gut-Derived Inflammation in Multiple System Atrophy. <i>Journal of Parkinson's Disease</i> , <b>2017</b> , 7, 331-346	5.3	46
113	THE CRITICAL ROLE OF NONHUMAN PRIMATES IN MEDICAL RESEARCH. <i>Pathogens and Immunity</i> , <b>2017</b> , 2, 352-365	4.9	46
112	βSecretase-1 elevation in aged monkey and Alzheimer's disease human cerebral cortex occurs around the vasculature in partnership with multisystem axon terminal pathogenesis and βAmyloid accumulation. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 1223-38	3.5	46
111	Intrastriatal CERE-120 (AAV-Neurturin) protects striatal and cortical neurons and delays motor deficits in a transgenic mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , <b>2009</b> , 34, 40-50	7.5	46
110	Huntington's disease: pathological mechanisms and therapeutic strategies. <i>Cell Transplantation</i> , <b>2007</b> , 16, 301-12	4	45
109	Gene transfer of trophic factors and stem cell grafting as treatments for Parkinson's disease. <i>Neurology</i> , <b>2006</b> , 66, S89-103	6.5	44
108	Cryopreservation Maintains Functionality of Human iPSC Dopamine Neurons and Rescues Parkinsonian Phenotypes In Vivo. <i>Stem Cell Reports</i> , <b>2017</b> , 9, 149-161	8	43
107	Nerve growth factor receptor immunoreactivity within the nucleus basalis (Ch4) in Parkinson's disease: reduced cell numbers and co-localization with cholinergic neurons. <i>Brain Research</i> , <b>1991</b> , 539, 19-30	3.7	43
106	GFAP knockout mice have increased levels of GDNF that protect striatal neurons from metabolic and excitotoxic insults. <i>Journal of Comparative Neurology</i> , <b>2003</b> , 461, 307-16	3.4	42
105	Age-related changes in glial cells of dopamine midbrain subregions in rhesus monkeys. <i>Neurobiology of Aging</i> , <b>2010</b> , 31, 937-52	5.6	41



104	Neuropathology in transplants in Parkinson's disease: implications for disease pathogenesis and the future of cell therapy. <i>Progress in Brain Research</i> , <b>2012</b> , 200, 221-41	2.9	39
103	Neural repair strategies for Parkinson's disease: insights from primate models. <i>Cell Transplantation</i> , <b>2006</b> , 15, 251-65	4	39
102	T cell infiltration in both human multiple system atrophy and a novel mouse model of the disease. <i>Acta Neuropathologica</i> , <b>2020</b> , 139, 855-874	14.3	38
101	Analysis of YFP(J16)-R6/2 reporter mice and postmortem brains reveals early pathology and increased vulnerability of callosal axons in Huntington's disease. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 5285-98	5.6	38
100	Proteasome-targeted nanobodies alleviate pathology and functional decline in an $\beta$ synuclein-based Parkinson's disease model. <i>Npj Parkinson's Disease</i> , <b>2018</b> , 4, 25	9.7	38
99	Long-term post-mortem studies following neurturin gene therapy in patients with advanced Parkinson's disease. <i>Brain</i> , <b>2020</b> , 143, 960-975	11.2	37
98	Gene therapy for Parkinson's disease. <i>Movement Disorders</i> , <b>2010</b> , 25 Suppl 1, S161-73	7	36
97	Connections of the hippocampal formation in humans: II. The endfolial fiber pathway. <i>Journal of Comparative Neurology</i> , <b>1997</b> , 385, 352-371	3.4	36
96	Galaninergic innervation of the cholinergic vertical limb of the diagonal band (Ch2) and bed nucleus of the stria terminalis in aging, Alzheimer's disease and Down's syndrome. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>1993</b> , 4, 237-50	2.6	36
95	$\beta$ synuclein aggregation reduces nigral myocyte enhancer factor-2D in idiopathic and experimental Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2011</b> , 41, 71-82	7.5	35
94	Presence of tau pathology within foetal neural allografts in patients with Huntington's and Parkinson's disease. <i>Brain</i> , <b>2017</b> , 140, 2982-2992	11.2	34
93	Lewy body pathology in long-term fetal nigral transplants: is Parkinson's disease transmitted from one neural system to another?. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 254	8.7	34
92	Decreased alpha-synuclein expression in the aging mouse substantia nigra. <i>Experimental Neurology</i> , <b>2009</b> , 220, 359-65	5.7	33
91	Neurturin gene therapy improves motor function and prevents death of striatal neurons in a 3-nitropropionic acid rat model of Huntington's disease. <i>Neurobiology of Disease</i> , <b>2007</b> , 26, 375-84	7.5	33
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