Roger A. Barker

List of Publications by Year
in descending order

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405	34,245	2975 93	5255 165
papers	citations	h-index	g-index

420	420	420	31499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diagnostic criteria for mild cognitive impairment in Parkinson's disease: Movement Disorder Society Task Force guidelines. Movement Disorders, 2012, 27, 349-356.	3.9	1,908
2	A Functional Role for Adult Hippocampal Neurogenesis in Spatial Pattern Separation. Science, 2009, 325, 210-213.	12.6	1,414
3	The distinct cognitive syndromes of Parkinson's disease: 5 year follow-up of the CamPaIGN cohort. Brain, 2009, 132, 2958-2969.	7.6	842
4	Evolution of cognitive dysfunction in an incident Parkinson's disease cohort. Brain, 2007, 130, 1787-1798.	7.6	819
5	Neuropsychological and clinical heterogeneity of cognitive impairment and dementia in patients with Parkinson's disease. Lancet Neurology, The, 2010, 9, 1200-1213.	10.2	753
6	Molecular Diversity of Midbrain Development in Mouse, Human, and Stem Cells. Cell, 2016, 167, 566-580.e19.	28.9	687
7	The cognitive ability of an incident cohort of Parkinsonâ€™s patients in the UK. The CamPaIGN study. Brain, 2004, 127, 550-560.	7.6	605
8	The CamPaIGN study of Parkinson's disease: 10-year outlook in an incident population-based cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 1258-1264.	1.9	534
9	Targeting Huntingtin Expression in Patients with Huntingtonâ€™s Disease. New England Journal of Medicine, 2019, 380, 2307-2316.	27.0	493
10	Cognitive Impairments in Early Parkinson's Disease Are Accompanied by Reductions in Activity in Frontostriatal Neural Circuitry. Journal of Neuroscience, 2003, 23, 6351-6356.	3.6	476
11	l-Dopa medication remediates cognitive inflexibility, but increases impulsivity in patients with Parkinsonâ€™s disease. Neuropsychologia, 2003, 41, 1431-1441.	1.6	457
12	Cognitive Impairment in Parkinsonâ€™s Disease: The Dual Syndrome Hypothesis. Neurodegenerative Diseases, 2013, 11, 79-92.	1.4	392
13	Microglial activation in presymptomatic Huntington's disease gene carriers. Brain, 2007, 130, 1759-1766.	7.6	385
14	Dopaminergic modulation of high-level cognition in Parkinson's disease: the role of the prefrontal cortex revealed by PET. Brain, 2002, 125, 584-594.	7.6	382
15	Long-term safety and tolerability of ProSavin, a lentiviral vector-based gene therapy for Parkinson's disease: a dose escalation, open-label, phase 1/2 trial. Lancet, The, 2014, 383, 1138-1146.	13.7	368
16	A cell atlas of human thymic development defines T cell repertoire formation. Science, 2020, 367, .	12.6	368
17	Disintegration of the Sleep-Wake Cycle and Circadian Timing in Huntington's Disease. Journal of Neuroscience, 2005, 25, 157-163.	3.6	361
18	The spectrum of nonmotor symptoms in early Parkinson disease. Neurology, 2013, 80, 276-281.	1.1	349

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19	Mechanisms of cognitive set flexibility in Parkinson's disease. Brain, 2001, 124, 2503-2512.	7.6	344
20	Sleep and Circadian Rhythm Regulation in Early Parkinson Disease. JAMA Neurology, 2014, 71, 589.	9.0	333
21	Fetal dopaminergic transplantation trials and the future of neural grafting in Parkinson's disease. Lancet Neurology, The, 2013, 12, 84-91.	10.2	302
22	Healthâ€related quality of life in early Parkinson's disease: The impact of nonmotor symptoms. Movement Disorders, 2014, 29, 195-202.	3.9	292
23	'The clocks that time us'â€"circadian rhythms in neurodegenerative disorders. Nature Reviews Neurology, 2014, 10, 683-693.	10.1	292
24	A pathophysiological model of freezing of gait in Parkinson's disease. Parkinsonism and Related Disorders, 2009, 15, 333-338.	2.2	280
25	Human Trials of Stem Cell-Derived Dopamine Neurons for Parkinsonâ€™s Disease: Dawn of a New Era. Cell Stem Cell, 2017, 21, 569-573.	11.1	275
26	Glucocerebrosidase mutations influence the natural history of Parkinsonâ€™s disease in a community-based incident cohort. Brain, 2013, 136, 392-399.	7.6	266
27	Cells of the human intestinal tract mapped across space and time. Nature, 2021, 597, 250-255.	27.8	266
28	Dopaminergic basis for deficits in working memory but not attentional set-shifting in Parkinson's disease. Neuropsychologia, 2005, 43, 823-832.	1.6	265
29	L-DOPA Disrupts Activity in the Nucleus Accumbens during Reversal Learning in Parkinson's Disease. Neuropsychopharmacology, 2007, 32, 180-189.	5.4	262
30	Tau and Î±â€synuclein in susceptibility to, and dementia in, Parkinson's disease. Annals of Neurology, 2007, 62, 145-153.	5.3	256
31	Cell-based therapies for Parkinson diseaseâ€"past insights and future potential. Nature Reviews Neurology, 2015, 11, 492-503.	10.1	242
32	Striatal contributions to working memory: a functional magnetic resonance imaging study in humans. European Journal of Neuroscience, 2004, 19, 755-760.	2.6	238
33	Specifically neuropathic Gaucher's mutations accelerate cognitive decline in Parkinson's. Annals of Neurology, 2016, 80, 674-685.	5.3	226
34	<scp>S</scp> erum immune markers and disease progression in an incident <scp>P</scp> arkinson's disease cohort (<scp>ICICLEâ€PD</scp>). Movement Disorders, 2016, 31, 995-1003.	3.9	211
35	Cerebrovascular and bloodâ€"brain barrier impairments in Huntington's disease: Potential implications for its pathophysiology. Annals of Neurology, 2015, 78, 160-177.	5.3	204
36	Dissection of the genetics of Parkinson's disease identifies an additional association 5' of SNCA and multiple associated haplotypes at 17q21. Human Molecular Genetics, 2011, 20, 345-353.	2.9	202

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37	Prediction of manifest Huntington's disease with clinical and imaging measures: a prospective observational study. Lancet Neurology, The, 2014, 13, 1193-1201.	10.2	202
38	Progressive striatal and cortical dopamine receptor dysfunction in Huntington's disease: a PET study. Brain, 2003, 126, 1127-1135.	7.6	201
39	The natural history of treated Parkinson's disease in an incident, community based cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1112-1118.	1.9	200
40	The heterogeneity of idiopathic Parkinson's disease. Journal of Neurology, 2002, 249, 138-145.	3.6	198
41	Baseline and longitudinal grey matter changes in newly diagnosed Parkinsonâ€™s disease: ICICLE-PD study. Brain, 2015, 138, 2974-2986.	7.6	188
42	The Cambridge Behavioural Inventory revised. Dementia E Neuropsychologia, 2008, 2, 102-107.	0.8	181
43	Dopamine-induced proliferation of adult neural precursor cells in the mammalian subventricular zone is mediated through EGF. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8754-8759.	7.1	181
44	Microglial activation in regions related to cognitive function predicts disease onset in Huntington's disease: A multimodal imaging study. Human Brain Mapping, 2011, 32, 258-270.	3.6	181
45	Huntington disease patients and transgenic mice have similar pro-catabolic serum metabolite profiles. Brain, 2006, 129, 877-886.	7.6	175
46	CatecholO-Methyltransferase val¹⁵⁸met Genotype Influences Frontoparietal Activity during Planning in Patients with Parkinson's Disease. Journal of Neuroscience, 2007, 27, 4832-4838.	3.6	175
47	Using executive heterogeneity to explore the nature of working memory deficits in Parkinsonâ€™s disease. Neuropsychologia, 2003, 41, 645-654.	1.6	173
48	Setting Global Standards for Stem Cell Research and Clinical Translation: TheÂ2016 ISSCR Guidelines. Stem Cell Reports, 2016, 6, 787-797.	4.8	172
49	Immune problems in central nervous system cell therapy. NeuroRx, 2004, 1, 472-481.	6.0	169
50	Parkinson's disease and dopaminergic therapyâ€”differential effects on movement, reward and cognition. Brain, 2008, 131, 2094-2105.	7.6	168
51	New approaches for brain repairâ€”from rescue to reprogramming. Nature, 2018, 557, 329-334.	27.8	167
52	Attentional control in Parkinson's disease is dependent on COMT val158met genotype. Brain, 2008, 131, 397-408.	7.6	165
53	Unilateral transplantation of human primary fetal tissue in four patients with Huntington's disease: NEST-UK safety report ISRCTN no 36485475. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 678-685.	1.9	164
54	The basal ganglia and rule-governed language use: evidence from vascular and degenerative conditions. Brain, 2005, 128, 584-596.	7.6	161

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55	Mutant huntingtin is present in neuronal grafts in huntington disease patients. Annals of Neurology, 2014, 76, 31-42.	5.3	158
56	Pridopidine for the treatment of motor function in patients with Huntington's disease (MermaiHD): a phase 3, randomised, double-blind, placebo-controlled trial. Lancet Neurology, The, 2011, 10, 1049-1057.	10.2	157
57	Hypothalamic involvement in Huntington's disease: an in vivo PET study. Brain, 2008, 131, 2860-2869.	7.6	155
58	Biomarkers and Parkinson's disease. Brain, 2004, 127, 1693-1705.	7.6	151
59	Neurogenesis in the R6/1 transgenic mouse model of Huntington's disease: effects of environmental enrichment. European Journal of Neuroscience, 2006, 23, 1829-1838.	2.6	151
60	Decreased hippocampal cell proliferation in R6/1 Huntingtonâ€™s mice. NeuroReport, 2004, 15, 811-813.	1.2	142
61	Apolipoprotein E genotype as a risk factor for susceptibility to and dementia in Parkinsonâ€™s Disease. Journal of Neurology, 2009, 256, 493-498.	3.6	141
62	Systematic Review and UKâ€Based Study of PARK2 (parkin), PINK1, PARK7 (DJâ€1) and LRRK2 in earlyâ€onset Parkinson's disease. Movement Disorders, 2012, 27, 1522-1529.	3.9	141
63	Designing stem-cell-based dopamine cell replacement trials for Parkinsonâ€™s disease. Nature Medicine, 2019, 25, 1045-1053.	30.7	141
64	Intracellular SERS Nanoprobes For Distinction Of Different Neuronal Cell Types. Nano Letters, 2013, 13, 2463-2470.	9.1	140
65	The clinical heterogeneity of Parkinson's disease and its therapeutic implications. European Journal of Neuroscience, 2019, 49, 328-338.	2.6	137
66	ISSCR Guidelines for Stem Cell Research and Clinical Translation: The 2021 update. Stem Cell Reports, 2021, 16, 1398-1408.	4.8	134
67	Cognitive decline and quality of life in incident Parkinson's disease: The role of attention. Parkinsonism and Related Disorders, 2016, 27, 47-53.	2.2	133
68	Prediction of cognition in Parkinson's disease with a clinicalâ€“genetic score: a longitudinal analysis of nine cohorts. Lancet Neurology, The, 2017, 16, 620-629.	10.2	131
69	Gray and white matter imaging: <scp>A</scp> biomarker for cognitive impairment in early <scp>P</scp>arkinson's disease?. Movement Disorders, 2016, 31, 103-110.	3.9	129
70	Dynamic causal modelling of effective connectivity from fMRI: Are results reproducible and sensitive to Parkinson's disease and its treatment?. NeuroImage, 2010, 52, 1015-1026.	4.2	128
71	Vascular disease and vascular risk factors in relation to motor features and cognition in early Parkinson's disease. Movement Disorders, 2016, 31, 1518-1526.	3.9	128
72	Genetic impact on cognition and brain function in newly diagnosed Parkinsonâ€™s disease: ICICLE-PD study. Brain, 2014, 137, 2743-2758.	7.6	127

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73	Imaging microglial activation in Huntington's disease. Brain Research Bulletin, 2007, 72, 148-151.	3.0	122
74	Genomewide association study of Parkinson's disease clinical biomarkers in 12 longitudinal patients' cohorts. Movement Disorders, 2019, 34, 1839-1850.	3.9	122
75	Neural grafting in Parkinsonâ€™s disease. Progress in Brain Research, 2010, 184, 265-294.	1.4	120
76	Healthâ€related quality of life in Huntington's disease: Which factors matter most?. Movement Disorders, 2009, 24, 574-578.	3.9	119
77	Smaller intracranial volume in prodromal Huntington's disease: evidence for abnormal neurodevelopment. Brain, 2011, 134, 137-142.	7.6	118
78	Abnormalities of Neurogenesis in the R6/2 Mouse Model of Huntington's Disease Are Attributable to theIn VivoMicroenvironment. Journal of Neuroscience, 2005, 25, 11564-11576.	3.6	116
79	Targeting impulsivity in Parkinsonâ€™s disease using atomoxetine. Brain, 2014, 137, 1986-1997.	7.6	116
80	Cognitive Deficits and Psychosis in Parkinson???s Disease. CNS Drugs, 2006, 20, 477-505.	5.9	115
81	The role of tau in the pathological process and clinical expression of Huntingtonâ€™s disease. Brain, 2015, 138, 1907-1918.	7.6	115
82	A roadmap for the Human Developmental Cell Atlas. Nature, 2021, 597, 196-205.	27.8	114
83	Selective serotonin reuptake inhibition modulates response inhibition in Parkinsonâ€™s disease. Brain, 2014, 137, 1145-1155.	7.6	113
84	Neurodegeneration: a failure of neuroregeneration?. Lancet, The, 2001, 358, 1174-1176.	13.7	111
85	Severity of mild cognitive impairment in early Parkinson's disease contributes to poorer quality of life. Parkinsonism and Related Disorders, 2014, 20, 1071-1075.	2.2	110
86	The spectrum of cognitive impairment in Lewy body diseases. Movement Disorders, 2014, 29, 608-621.	3.9	107
87	A novel neuroprotective therapy for Parkinsonâ€™s disease using a viral noncoding RNA that protects mitochondrial Complex I activity. Journal of Experimental Medicine, 2012, 209, 1-10.	8.5	105
88	Features of GBA-associated Parkinsonâ€™s disease at presentation in the UK Tracking Parkinsonâ€™s study. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 702-709.	1.9	103
89	The BDNF Val66Met polymorphism has a gender specific influence on planning ability in Parkinsonâ€™s disease. Journal of Neurology, 2005, 252, 833-838.	3.6	102
90	Habitual versus Goal-directed Action Control in Parkinson Disease. Journal of Cognitive Neuroscience, 2011, 23, 1218-1229.	2.3	102

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91	White matter pathology in Parkinson's disease: The effect of imaging protocol differences and relevance to executive function. NeuroImage, 2012, 62, 1675-1684.	4.2	102
92	Skin and platelet Î±-synuclein as peripheral biomarkers of Parkinson's disease. Neuroscience Letters, 2005, 381, 294-298.	2.1	101
93	Time course of dopamine neuron loss and glial response in the 6â€<scp>OHDA</scp> striatal mouse model of <scp>P</scp>arkinson's disease. European Journal of Neuroscience, 2014, 39, 1042-1056.	2.6	101
94	Genomeâ€Wide Association Studies of Cognitive and Motor Progression in Parkinson's Disease. Movement Disorders, 2021, 36, 424-433.	3.9	101
95	Dopaminergic neuronal survival and the effects of bFGF in explant, three dimensional and monolayer cultures of embryonic rat ventral mesencephalon. Experimental Brain Research, 1995, 106, 275-82.	1.5	98
96	The relation between anger and different forms of disgust: Implications for emotion recognition impairments in Huntington's disease. Neuropsychologia, 2010, 48, 2719-2729.	1.6	98
97	Sleep deficits but no metabolic deficits in premanifest <scp>H</scp>untington's disease. Annals of Neurology, 2015, 78, 630-648.	5.3	95
98	Verbal fluency in Huntingtonâ€™s disease: a longitudinal analysis of phonemic and semantic clustering and switching. Neuropsychologia, 2002, 40, 1277-1284.	1.6	93
99	Defective emotion recognition in early HD is neuropsychologically and anatomically generic. Neuropsychologia, 2008, 46, 2152-2160.	1.6	93
100	Asymptomatic Sleep Abnormalities Are a Common Early Feature in Patients with Huntingtonâ€™s Disease. Current Neurology and Neuroscience Reports, 2011, 11, 211-217.	4.2	93
101	Improving Response Inhibition in Parkinsonâ€™s Disease with Atomoxetine. Biological Psychiatry, 2015, 77, 740-748.	1.3	93
102	Long-Term Follow-Up of a Phase I/II Study of ProSavin, a Lentiviral Vector Gene Therapy for Parkinson's Disease. Human Gene Therapy Clinical Development, 2018, 29, 148-155.	3.1	92
103	Saccadic latency distributions in Parkinsonâ€™s disease and the effects of l-dopa. Experimental Brain Research, 2006, 174, 7-18.	1.5	90
104	Onset and Progression of Pathologic Atrophy in Huntington Disease: A Longitudinal MR Imaging Study. American Journal of Neuroradiology, 2010, 31, 1036-1041.	2.4	90
105	Clinical Translation of Stem Cells in Neurodegenerative Disorders. Cell Stem Cell, 2012, 10, 151-155.	11.1	90
106	Dopaminergic modulation of neurogenesis in the subventricular zone of the adult brain. Cell Cycle, 2009, 8, 2888-2894.	2.6	88
107	Different decision deficits impair response inhibition in progressive supranuclear palsy and Parkinsonâ€™s disease. Brain, 2016, 139, 161-173.	7.6	88
108	REST suppression mediates neural conversion of adult human fibroblasts via microRNAâ€dependent and â€independent pathways. EMBO Molecular Medicine, 2017, 9, 1117-1131.	6.9	87

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109	A PBX1 transcriptional network controls dopaminergic neuron development and is impaired in Parkinson's disease. EMBO Journal, 2016, 35, 1963-1978.	7.8	85
110	Characterization and Visualization of Vesicles in the Endo-Lysosomal Pathway with Surface-Enhanced Raman Spectroscopy and Chemometrics. ACS Nano, 2016, 10, 307-316.	14.6	84
111	Recent developments in the treatment of Parkinson's Disease. F1000Research, 2020, 9, 862.	1.6	84
112	Anti-amyloid Compounds Inhibit Î±-Synuclein Aggregation Induced by Protein Misfolding Cyclic Amplification (PMCA). Journal of Biological Chemistry, 2014, 289, 11897-11905.	3.4	83
113	Increased thirst and drinking in Huntington's disease and the R6/2 mouse. Brain Research Bulletin, 2008, 76, 70-79.	3.0	82
114	Genome-wide survival study identifies a novel synaptic locus and polygenic score for cognitive progression in Parkinsonâ€™s disease. Nature Genetics, 2021, 53, 787-793.	21.4	82
115	Huntington's disease patients have selective problems with insight. Movement Disorders, 2006, 21, 385-389.	3.9	79
116	Regional expression of the MAPT gene is associated with loss of hubs in brain networks and cognitive impairment in Parkinson disease and progressive supranuclear palsy. Neurobiology of Aging, 2016, 48, 153-160.	3.1	79
117	Tumor to normal single-cell mRNA comparisons reveal a pan-neuroblastoma cancer cell. Science Advances, 2021, 7, .	10.3	78
118	Deletions at 22q11.2 in idiopathic Parkinson's disease: a combined analysis of genome-wide association data. Lancet Neurology, The, 2016, 15, 585-596.	10.2	77
119	Atomoxetine restores the response inhibition network in Parkinsonâ€™s disease. Brain, 2016, 139, 2235-2248.	7.6	76
120	Visual hallucinations in neurological and ophthalmological disease: pathophysiology and management. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 512-519.	1.9	75
121	Neurotrophic factors as a therapeutic target for Parkinson's disease. Expert Opinion on Therapeutic Targets, 2008, 12, 437-447.	3.4	72
122	A Role for Complement in the Rejection of Porcine Ventral Mesencephalic Xenografts in a Rat Model of Parkinson's Disease. Journal of Neuroscience, 2000, 20, 3415-3424.	3.6	70
123	Strategies for bringing stem cell-derived dopamine neurons to the clinic. Progress in Brain Research, 2017, 230, 165-190.	1.4	70
124	Exploring causality of the association between smoking and Parkinsonâ€™s disease. International Journal of Epidemiology, 2019, 48, 912-925.	1.9	70
125	Topâ€“Down Attentional Control in Parkinson's Disease: Salient Considerations. Journal of Cognitive Neuroscience, 2010, 22, 848-859.	2.3	68
126	GSK-3Î²-induced Tau pathology drives hippocampal neuronal cell death in Huntingtonâ€™s disease: involvement of astrocyteâ€“neuron interactions. Cell Death and Disease, 2016, 7, e2206-e2206.	6.3	67

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127	Review: The spectrum of clinical features seen with alpha synuclein pathology. Neuropathology and Applied Neurobiology, 2016, 42, 6-19.	3.2	67
128	Porcine neural xenografts in the immunocompetent rat: immune response following grafting of expanded neural precursor cells. Neuroscience, 2001, 106, 201-216.	2.3	66
129	Huntingtin Aggregation Impairs Autophagy, Leading to Argonaute-2 Accumulation and Global MicroRNA Dysregulation. Cell Reports, 2018, 24, 1397-1406.	6.4	66
130	Neural cells from primary human striatal xenografts migrate extensively in the adult rat CNS. European Journal of Neuroscience, 2002, 15, 1255-1266.	2.6	65
131	Determinants of delayed diagnosis in Parkinsonâ€™s disease. Journal of Neurology, 2013, 260, 1978-1981.	3.6	65
132	Molecular and functional definition of the developing human striatum. Nature Neuroscience, 2014, 17, 1804-1815.	14.8	65
133	Exogenous neuropeptide Y promotes in vivo hippocampal neurogenesis. Hippocampus, 2011, 21, 233-238.	1.9	64
134	The effects of multidisciplinary rehabilitation in patients with earlyâ€toâ€middleâ€stage Huntington's disease: a pilot study. European Journal of Neurology, 2013, 20, 1325-1329.	3.3	64
135	Tracking Parkinsonâ€™s: Study Design and Baseline Patient Data. Journal of Parkinson's Disease, 2015, 5, 947-959.	2.8	64
136	WNT5A is transported via lipoprotein particles in the cerebrospinal fluid to regulate hindbrain morphogenesis. Nature Communications, 2019, 10, 1498.	12.8	64
137	GDNF and Parkinsonâ€™s Disease: Where Next? A Summary from a Recent Workshop. Journal of Parkinson's Disease, 2020, 10, 875-891.	2.8	63
138	Olfactory abnormalities in Huntingtonâ€™s disease: Decreased plasticity in the primary olfactory cortex of R6/1 transgenic mice and reduced olfactory discrimination in patients. Brain Research, 2007, 1151, 219-226.	2.2	62
139	Gold nanoparticles explore cells: Cellular uptake and their use as intracellular probes. Methods, 2014, 68, 354-363.	3.8	62
140	Motor associations of iron accumulation in deep grey matter nuclei in Parkinson's disease: a crossâ€sectional study of ironâ€related magnetic resonance imaging susceptibility. European Journal of Neurology, 2017, 24, 357-365.	3.3	62
141	Genetic analysis of Mendelian mutations in a large UK population-based Parkinsonâ€™s disease study. Brain, 2019, 142, 2828-2844.	7.6	62
142	Understanding the dopaminergic deficits in Parkinsonâ€™s disease: Insights into disease heterogeneity. Journal of Clinical Neuroscience, 2009, 16, 620-625.	1.5	60
143	Predicting beneficial effects of atomoxetine and citalopram on response inhibition in <scp>P</scp>arkinson's disease with clinical and neuroimaging measures. Human Brain Mapping, 2016, 37, 1026-1037.	3.6	60
144	Defective Sphingosine-1-phosphate metabolism is a druggable target in Huntingtonâ€™s disease. Scientific Reports, 2017, 7, 5280.	3.3	60

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145	Hypothalamic volume loss is associated with reduced melatonin output in Parkinson's disease. Movement Disorders, 2016, 31, 1062-1066.	3.9	59
146	Peripheral innate immune and bacterial signals relate to clinical heterogeneity in Parkinsonâ€™s disease. Brain, Behavior, and Immunity, 2020, 87, 473-488.	4.1	58
147	Dopamine and Huntingtonâ€™s disease. Expert Review of Neurotherapeutics, 2015, 15, 445-458.	2.8	57
148	The effect of multidisciplinary rehabilitation on brain structure and cognition in Huntington's disease: an exploratory study. Brain and Behavior, 2015, 5, e00312.	2.2	57
149	Are Stem Cell-Based Therapies for Parkinsonâ€™s Disease Ready for the Clinic in 2016?. Journal of Parkinson's Disease, 2016, 6, 57-63.	2.8	57
150	Cortical dopamine dysfunction in symptomatic and premanifest Huntington's disease gene carriers. Neurobiology of Disease, 2010, 37, 356-361.	4.4	56
151	The catechol-O-methyltransferase Val158Met polymorphism modulates fronto-cortical dopamine turnover in early Parkinsonâ€™s disease: a PET study. Brain, 2012, 135, 2449-2457.	7.6	56
152	Genetic and pathological links between Parkinson's disease and the lysosomal disorder Sanfilippo syndrome. Movement Disorders, 2012, 27, 312-315.	3.9	56
153	Switching between abstract rules reflects disease severity but not dopaminergic status in Parkinson's disease. Neuropsychologia, 2009, 47, 1117-1127.	1.6	55
154	The Effect of Truncated Human Î±-Synuclein (1â€“120) on Dopaminergic Cells in a Transgenic Mouse Model of Parkinson's Disease. Cell Transplantation, 2007, 16, 461-474.	2.5	54
155	Differences in the Presentation and Progression of Parkinson's Disease by Sex. Movement Disorders, 2021, 36, 106-117.	3.9	54
156	The role of learned irrelevance in attentional set-shifting impairments in Parkinson's disease.. Neuropsychology, 2006, 20, 578-588.	1.3	53
157	Predictors of punding in Parkinson's disease: Results from a questionnaire survey. Movement Disorders, 2007, 22, 2339-2345.	3.9	53
158	Locus coeruleus integrity and the effect of atomoxetine on response inhibition in Parkinsonâ€™s disease. Brain, 2021, 144, 2513-2526.	7.6	53
159	Saccadic latency in Parkinson's disease correlates with executive function and brain atrophy, but not motor severity. Neurobiology of Disease, 2011, 43, 79-85.	4.4	52
160	A comparative study of preparation techniques for improving the viability of nigral grafts using vital stains, in vitro cultures, and in vivo grafts. Cell Transplantation, 1995, 4, 173-200.	2.5	51
161	Î±-Synuclein pre-formed fibrils impair tight junction protein expression without affecting cerebral endothelial cell function. Experimental Neurology, 2016, 285, 72-81.	4.1	51
162	Relationship between CAG repeat length and brain volume in premanifest and early Huntingtonâ€™s disease. Journal of Neurology, 2009, 256, 203-212.	3.6	50

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163	Patients Beware: Commercialized Stem Cell Treatments on the Web. Cell Stem Cell, 2010, 7, 43-49.	11.1	50
164	Scientific and ethical issues related to stem cell research and interventions in neurodegenerative disorders of the brain. Progress in Neurobiology, 2013, 110, 63-73.	5.7	50
165	Hippocampal dysfunction defines disease onset in Huntington's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 975-981.	1.9	50
166	Anxiety is associated with cognitive impairment in newly-diagnosed Parkinson's disease. Parkinsonism and Related Disorders, 2017, 36, 63-68.	2.2	50
167	Treating Parkinson's disease in the 21st century: Can stem cell transplantation compete?. Journal of Comparative Neurology, 2014, 522, 2802-2816.	1.6	49
168	Aberrant nigral diffusion in Parkinson's disease: A longitudinal diffusion tensor imaging study. Movement Disorders, 2016, 31, 1020-1026.	3.9	49
169	Intraâ€•and interâ€network functional alterations in <scp>P</scp>arkinson's disease with mild cognitive impairment. Human Brain Mapping, 2017, 38, 1702-1715.	3.6	49
170	Coping processes and healthâ€•related quality of life in Parkinson's disease. International Journal of Geriatric Psychiatry, 2011, 26, 247-255.	2.7	48
171	Longitudinal whole-brain atrophy and ventricular enlargement in nondemented Parkinson's disease. Neurobiology of Aging, 2017, 55, 78-90.	3.1	48
172	Direct Neuronal Reprogramming for Disease Modeling Studies Using Patient-Derived Neurons: What Have We Learned?. Frontiers in Neuroscience, 2017, 11, 530.	2.8	48
173	Relationship between neuromelanin and dopamine terminals within the Parkinsonâ€™s nigrostriatal system. Brain, 2019, 142, 2023-2036.	7.6	48
174	Functional integration of neural grafts in Parkinson's disease. Nature Neuroscience, 1999, 2, 1047-1048.	14.8	47
175	Automated quantification of caudate atrophy by local registration of serial MRI: Evaluation and application in Huntington's disease. NeuroImage, 2009, 47, 1659-1665.	4.2	46
176	How vital is sleep in Huntingtonâ€™s disease?. Journal of Neurology, 2010, 257, 882-897.	3.6	46
177	Sham neurosurgical procedures in clinical trials for neurodegenerative diseases: scientific and ethical considerations. Lancet Neurology, The, 2012, 11, 643-650.	10.2	46
178	Equating scores of the University of Pennsylvania Smell Identification Test and Sniffin' Sticks test in patients with Parkinson's disease. Parkinsonism and Related Disorders, 2016, 33, 96-101.	2.2	46
179	Clusterin secreted by astrocytes enhances neuronal differentiation from human neural precursor cells. Cell Death and Differentiation, 2011, 18, 907-913.	11.2	45
180	¹¹Câ€PE2I and ¹⁸Fâ€Dopa PET for assessing progression rate in Parkinson's: A longitudinal study. Movement Disorders, 2018, 33, 117-127.	3.9	45

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