Matthew Farrer

List of Publications by Year
in descending order

350 papers	36,321 citations	5268 83 h-index	3830 178 g-index
356 all docs	356 docs citations	356 times ranked	24490 citing authors

#	Article	IF	Citations
1	Mendelian Randomisation Study of Smoking, Alcohol, and Coffee Drinking in Relation to Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2022, 12, 267-282.	2.8	21
2	Dairy Intake and Parkinson's Disease: A Mendelian Randomization Study. Movement Disorders, 2022, 37, 857-864.	3.9	15
3	The effect of rapid exome sequencing on downstream health care utilization for infants with suspected genetic disorders in an intensive care unit. Genetics in Medicine, 2022, 24, 1675-1683.	2.4	3
4	Genome-wide Association and Meta-analysis of Age at Onset in Parkinson Disease. Neurology, 2022, 99, .	1.1	25
5	The Interaction between <scp>HLAâ€DRB1</scp> and Smoking in Parkinson's Disease Revisited. Movement Disorders, 2022, 37, 1929-1937.	3.9	4
6	Autonomic dysfunction in Parkinson's disease: Results from the Faroese Parkinson's disease cohort. Neuroscience Letters, 2022, 785, 136789.	2.1	3
7	SETD1B-associated neurodevelopmental disorder. Journal of Medical Genetics, 2021, 58, 196-204.	3.2	22
8	Analysis of DNM3 and VAMP4 as genetic modifiers of LRRK2 Parkinsonâ€™s disease. Neurobiology of Aging, 2021, 97, 148.e17-148.e24.	3.1	16
9	Chronic and Acute Manipulation of Cortical Glutamate Transmission Induces Structural and Synaptic Changes in Co-cultured Striatal Neurons. Frontiers in Cellular Neuroscience, 2021, 15, 569031.	3.7	5
10	Hunting for Familial Parkinsonâ€™s Disease Mutations in the Post Genome Era. Genes, 2021, 12, 430.	2.4	4
11	Dynamic control of the dopamine transporter in neurotransmission and homeostasis. Npj Parkinson's Disease, 2021, 7, 22.	5.3	58
12	Reply: UQCRC1 variants in Parkinsonâ€™s disease: a large cohort study in Chinese mainland population. Brain, 2021, 144, e55-e55.	7.6	0
13	Editorial: Celebrating the Diversity of Genetic Research to Dissect the Pathogenesis of Parkinson's Disease. Frontiers in Neurology, 2021, 12, 648417.	2.4	5
14	Genomewide Association Studies of <scp>LRRK2</scp> Modifiers of Parkinson's Disease. Annals of Neurology, 2021, 90, 76-88.	5.3	30
15	LRRK2; a dynamic regulator of cellular trafficking. Brain Research, 2021, 1761, 147394.	2.2	3
16	The Gutâ€"Brain Axis and Its Relation to Parkinsonâ€™s Disease: A Review. Frontiers in Aging Neuroscience, 2021, 13, 782082.	3.4	59
17	Neuropathological findings in PINK1-associated Parkinson's disease. Parkinsonism and Related Disorders, 2020, 78, 105-108.	2.2	14
18	Nonsteroidal <scp>Antiâ€inflammatory</scp> Use and <scp>LRRK2</scp> Parkinson's Disease Penetrance. Movement Disorders, 2020, 35, 1755-1764.	3.9	57

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19	Mitochondrial UQCRC1 mutations cause autosomal dominant parkinsonism with polyneuropathy. Brain, 2020, 143, 3352-3373.	7.6	37
20	Age at Onset of <scp>LRRK2</scp> p.<scp>Gly2019Ser</scp> Is Related to Environmental and Lifestyle Factors. Movement Disorders, 2020, 35, 1854-1858.	3.9	28
21	Parkinson disease risk variants in East Asian populations. Nature Reviews Neurology, 2020, 16, 461-462.	10.1	3
22	Neuron-autonomous susceptibility to induced synuclein aggregation is exacerbated by endogenous Lrrk2 mutations and ameliorated by Lrrk2 genetic knock-out. Brain Communications, 2020, 2, fcz052.	3.3	19
23	Variants in saposin D domain of prosaposin gene linked to Parkinsonâ€™s disease. Brain, 2020, 143, 1190-1205.	7.6	72
24	Disease modification and biomarker development in Parkinson disease. Neurology, 2020, 94, 481-494.	1.1	103
25	Assessing an Interactive Online Tool to Support Parents' Genomic Testing Decisions. Journal of Genetic Counseling, 2019, 28, 10-17.	1.6	26
26	Whole-Exome Sequencing of an Exceptional Longevity Cohort. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1386-1390.	3.6	14
27	Family with primary periodic paralysis and a mutation in MCM3AP, a gene implicated in mRNA transport. Muscle and Nerve, 2019, 60, 311-314.	2.2	3
28	Diagnostic Yield and Treatment Impact of Targeted Exome Sequencing in Early-Onset Epilepsy. Frontiers in Neurology, 2019, 10, 434.	2.4	70
29	Pathophysiology of and therapeutic options for a GABRA1 variant linked to epileptic encephalopathy. Molecular Brain, 2019, 12, 92.	2.6	16
30	RAPIDOMICS: rapid genome-wide sequencing in a neonatal intensive care unitâ€"successes and challenges. European Journal of Pediatrics, 2019, 178, 1207-1218.	2.7	59
31	Mitochondrial DNA Deletions Discriminate Affected from Unaffected LRRK2 Mutation Carriers. Annals of Neurology, 2019, 86, 324-326.	5.3	17
32	DNAJC13 p.Asn855Ser, implicated in familial parkinsonism, alters membrane dynamics of sorting nexin 1. Neuroscience Letters, 2019, 706, 114-122.	2.1	8
33	Doubts about TMEM230 as a gene for parkinsonism. Nature Genetics, 2019, 51, 367-368.	21.4	11
34	Endosomal trafficking leads the way in Parkinson's disease. Movement Disorders, 2019, 34, 443-445.	3.9	3
35	Single Inflammatory Trigger Leads to Neuroinflammation in LRRK2 Rodent Model without Degeneration of Dopaminergic Neurons. Journal of Parkinson's Disease, 2019, 9, 121-139.	2.8	17
36	Pipeline to gene discovery - Analysing familial Parkinsonism in the Queensland Parkinson's Project. Parkinsonism and Related Disorders, 2018, 49, 34-41.	2.2	17

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37	The emerging role of Rab GTPases in the pathogenesis of Parkinson's disease. Movement Disorders, 2018, 33, 196-207.	3.9	55
38	Establishing diagnostic criteria for Perry syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 482-487.	1.9	40
39	Dopamine receptors and BDNF -haplotypes predict dyskinesia in Parkinson's disease. Parkinsonism and Related Disorders, 2018, 47, 39-44.	2.2	33
40	A Meta-Analysis of Î±-Synuclein Multiplication in Familial Parkinsonism. Frontiers in Neurology, 2018, 9, 1021.	2.4	82
41	A Case of Parkinsonâ€™s Disease with No Lewy Body Pathology due to a Homozygous Exon Deletion in Parkin. Case Reports in Neurological Medicine, 2018, 2018, 1-4.	0.4	33
42	Age- and disease-dependent increase of the mitophagy marker phospho-ubiquitin in normal aging and Lewy body disease. Autophagy, 2018, 14, 1404-1418.	9.1	87
43	Altered dopamine release and monoamine transporters in Vps35 p.D620N knock-in mice. Npj Parkinson's Disease, 2018, 4, 27.	5.3	51
44	PSEN1 p.Met233Val in a Complex Neurodegenerative Movement and Neuropsychiatric Disorder. Journal of Movement Disorders, 2018, 11, 45-48.	1.3	12
45	Gender differences in Parkinson's disease depression. Parkinsonism and Related Disorders, 2017, 36, 93-97.	2.2	34
46	Genetic Identification in Early Onset Parkinsonism among Norwegian Patients. Movement Disorders Clinical Practice, 2017, 4, 499-508.	1.5	25
47	SCA2 family presenting as typical Parkinson's disease: 34 year follow up. Parkinsonism and Related Disorders, 2017, 40, 69-72.	2.2	16
48	An Infant With Epilepsy and Recurrent Hemiplegia due to Compound Heterozygous Variants in ATP1A2. Pediatric Neurology, 2017, 75, 87-90.	2.1	21
49	Reply: Heterozygous PINK1 p.G411S in rapid eye movement sleep behaviour disorder. Brain, 2017, 140, e33-e33.	7.6	2
50	Neurobehavioral characterization of adult-onset Alexander disease. Neurology: Clinical Practice, 2017, 7, 425-429.	1.6	4
51	Serotonin and dopamine transporter PET changes in the premotor phase of LRRK2 parkinsonism: cross-sectional studies. Lancet Neurology, The, 2017, 16, 351-359.	10.2	96
52	DNAJC12 and dopaâ€responsive nonprogressive parkinsonism. Annals of Neurology, 2017, 82, 640-646.	5.3	60
53	De Novo Mutations in YWHAG Cause Early-Onset Epilepsy. American Journal of Human Genetics, 2017, 101, 300-310.	6.2	65
54	Homozygous alpha-synuclein p.A53V in familial Parkinson's disease. Neurobiology of Aging, 2017, 57, 248.e7-248.e12.	3.1	83

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55	Loss-of-Function and Gain-of-Function Mutations in KCNQ5 Cause Intellectual Disability or Epileptic Encephalopathy. American Journal of Human Genetics, 2017, 101, 65-74.	6.2	99
56	Heterozygous PINK1 p.G411S increases risk of Parkinsonâ€™s disease via a dominant-negative mechanism. Brain, 2017, 140, 98-117.	7.6	116
57	Evaluation of the interaction between LRRK2 and PARK16 loci in determining risk of Parkinson's disease: analysis of a large multicenter study. Neurobiology of Aging, 2017, 49, 217.e1-217.e4.	3.1	7
58	Initial elevations in glutamate and dopamine neurotransmission decline with age, as does exploratory behavior, in LRRK2 G2019S knock-in mice. ELife, 2017, 6, .	6.0	74
59	Î±â€synuclein genetic variability: A biomarker for dementia in Parkinson disease. Annals of Neurology, 2016, 79, 991-999.	5.3	85
60	A scan without evidence is not evidence of absence: Scans without evidence of dopaminergic deficit in a symptomatic leucine-rich repeat kinase 2 mutation carrier. Movement Disorders, 2016, 31, 405-409.	3.9	14
61	Double homozygous mutations (R275W and M432V) in the ParkinGene associated with late-onset Parkinson's disease. Movement Disorders, 2016, 31, 423-425.	3.9	3
62	Conjugal parkinsonism is coincidental. Parkinsonism and Related Disorders, 2016, 33, 149-150.	2.2	2
63	Leucine-rich repeat kinase 2 (LRRK2) regulates Î±-synuclein clearance in microglia. BMC Neuroscience, 2016, 17, 77.	1.9	48
64	DCTN1 p.K56R in progressive supranuclear palsy. Parkinsonism and Related Disorders, 2016, 28, 56-61.	2.2	27
65	DNM3 and genetic modifiers of age of onset in LRRK2 Gly2019Ser parkinsonism: a genome-wide linkage and association study. Lancet Neurology, The, 2016, 15, 1248-1256.	10.2	69
66	Conjugal parkinsonism â€“ Clinical, pathology and genetic study. No evidence of person-to-person transmission. Parkinsonism and Related Disorders, 2016, 31, 87-90.	2.2	17
67	De novo FGF12 mutation in 2 patients with neonatal-onset epilepsy. Neurology: Genetics, 2016, 2, e120.	1.9	29
68	Leucine-rich repeat kinase 2 is a regulator of B cell function, affecting homeostasis, BCR signaling, IgA production, and TI antigen responses. Journal of Neuroimmunology, 2016, 292, 1-8.	2.3	16
69	Lovastatin protects neurite degeneration inLRRK2-G2019Sparkinsonism through activating the Akt/Nrf pathway and inhibiting GSK3Î² activity. Human Molecular Genetics, 2016, 25, 1965-1978.	2.9	45
70	Genetic variability of the retromer cargo recognition complex in parkinsonism. Movement Disorders, 2015, 30, 580-584.	3.9	23
71	Familial aggregation of Parkinson's disease in the Faroe Islands. Movement Disorders, 2015, 30, 538-544.	3.9	15
72	DNAJC13 p.Asn855Ser mutation screening in Parkinson's disease and pathologically confirmed Lewy body disease patients. European Journal of Neurology, 2015, 22, 1323-1325.	3.3	21

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73	Motor phenotype of LRRK2â€associated Parkinson's disease: A tunisian longitudinal study. Movement Disorders, 2015, 30, 253-258.	3.9	38
74	DNAJC13 genetic variants in parkinsonism. Movement Disorders, 2015, 30, 273-278.	3.9	42
75	Novel LRRK2 mutations in Parkinsonism. Parkinsonism and Related Disorders, 2015, 21, 1119-1121.	2.2	8
76	Defining neurodegeneration on <scp>G</scp>uam by targeted genomic sequencing. Annals of Neurology, 2015, 77, 458-468.	5.3	63
77	Progressive dopaminergic alterations and mitochondrial abnormalities in LRRK2 G2019S knock-in mice. Neurobiology of Disease, 2015, 78, 172-195.	4.4	200
78	[11C]PBR28 PET Imaging is Sensitive to Neuroinflammation in the Aged Rat. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1331-1338.	4.3	26
79	Insights from late-onset familial parkinsonism on the pathogenesis of idiopathic Parkinson's disease. Lancet Neurology, The, 2015, 14, 1054-1064.	10.2	56
80	Large-scale assessment of polyglutamine repeat expansions in Parkinson disease. Neurology, 2015, 85, 1283-1292.	1.1	25
81	Chronic and acute LRRK2 silencing has no long-term behavioral effects, whereas wild-type and mutant LRRK2 overexpression induce motor and cognitive deficits and altered regulation of dopamine release. Parkinsonism and Related Disorders, 2015, 21, 1156-1163.	2.2	41
82	Retromer-dependent neurotransmitter receptor trafficking to synapses is altered by the Parkinson's disease VPS35 mutation p.D620N. Human Molecular Genetics, 2015, 24, 1691-1703.	2.9	122
83	Parkinson's disease, genetic variability and the Faroe Islands. Parkinsonism and Related Disorders, 2015, 21, 75-78.	2.2	11
84	Parkinsonism in GTP cyclohydrolase 1 mutation carriers. Brain, 2015, 138, e349-e349.	7.6	20
85	Head injury, Î±â€synuclein genetic variability and <scp>P</scp>arkinson's disease. European Journal of Neurology, 2015, 22, 874-878.	3.3	23
86	LRRK2 overexpression alters glutamatergic presynaptic plasticity, striatal dopamine tone, postsynaptic signal transduction, motor activity and memory. Human Molecular Genetics, 2015, 24, 1336-1349.	2.9	84
87	Synaptic function is modulated by LRRK2 and glutamate release is increased in cortical neurons of G2019S LRRK2 knock-in mice. Frontiers in Cellular Neuroscience, 2014, 8, 301.	3.7	94
88	Disease Penetrance of Late-Onset Parkinsonism. JAMA Neurology, 2014, 71, 1535.	9.0	86
89	LRRK2 exonic variants and risk of multiple system atrophy. Neurology, 2014, 83, 2256-2261.	1.1	46
90	In vivo dopaminergic and serotonergic dysfunction in DCTN1 gene mutation carriers. Movement Disorders, 2014, 29, 1197-1201.	3.9	15

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91	Michael J. Fox Foundation LRRK2 Consortium: geographical differences in returning genetic research data to study participants. Genetics in Medicine, 2014, 16, 644-645.	2.4	7
92	The role ofSNCAandMAPTin Parkinson disease andLRRK2parkinsonism in the Tunisian Arab-Berber population. European Journal of Neurology, 2014, 21, e91-e92.	3.3	8
93	Behavioral Deficits and Striatal DA Signaling in LRRK2 p.G2019S Transgenic Rats: A Multimodal Investigation Including PET Neuroimaging. Journal of Parkinson's Disease, 2014, 4, 483-498.	2.8	32
94	Genetics and genomics of Parkinsonâ€™s disease. Genome Medicine, 2014, 6, 48.	8.2	152
95	A comparative study of Parkinson's disease and leucine-rich repeat kinase 2 p.G2019S parkinsonism. Neurobiology of Aging, 2014, 35, 1125-1131.	3.1	83
96	A Novel DCTN1 mutation with lateâ€onset parkinsonism and frontotemporal atrophy. Movement Disorders, 2014, 29, 1201-1204.	3.9	40
97	DNAJC13 mutations in Parkinson disease. Human Molecular Genetics, 2014, 23, 1794-1801.	2.9	258
98	The protective effect of LRRK2 p.R1398H on risk of Parkinson's disease is independent of MAPT and SNCA variants. Neurobiology of Aging, 2014, 35, 266.e5-266.e14.	3.1	36
99	Identification of <scp>FUS</scp> p.R377W in essential tremor. European Journal of Neurology, 2014, 21, 361-363.	3.3	25
100	LRRK2 parkinsonism in Tunisia and Norway: A comparative analysis of disease penetrance. Neurology, 2014, 83, 568-569.	1.1	47
101	Does Î±-synuclein have a dual and opposing effect in preclinical vs. clinical Parkinson's disease?. Parkinsonism and Related Disorders, 2014, 20, 584-589.	2.2	41
102	EIF4G1 gene mutations are not a common cause of Parkinson's disease in the Japanese population. Parkinsonism and Related Disorders, 2014, 20, 659-661.	2.2	13
103	Clinical, positron emission tomography, and pathological studies of DNAJC13 p.N855S Parkinsonism. Movement Disorders, 2014, 29, 1684-1687.	3.9	20
104	Measurements of Dopaminergic Function in the Rat Brain Using [18F]FDOPA PET and Microdialysis. , 2014, , 161.		0
105	Advances in the genetics of Parkinson disease. Nature Reviews Neurology, 2013, 9, 445-454.	10.1	414
106	The genetics of <scp>P</scp>arkinson's disease: Progress and therapeutic implications. Movement Disorders, 2013, 28, 14-23.	3.9	301
107	Populationâ€specific frequencies for LRRK2 susceptibility variants in the genetic epidemiology of Parkinson's disease (GEOâ€PD) consortium. Movement Disorders, 2013, 28, 1740-1744.	3.9	30
108	LRRK2 phosphorylates novel tau epitopes and promotes tauopathy. Acta Neuropathologica, 2013, 126, 809-827.	7.7	85

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109	STX6 rs1411478 is not associated with increased risk of Parkinson's disease. Parkinsonism and Related Disorders, 2013, 19, 563-565.	2.2	16
110	Sequence variants in eukaryotic translation initiation factor 4-gamma (eIF4G1) are associated with Lewy body dementia. Acta Neuropathologica, 2013, 125, 425-438.	7.7	20
111	Measuring dopaminergic function in the 6-OHDA-lesioned rat: a comparison of PET and microdialysis. EJNMMI Research, 2013, 3, 69.	2.5	20
112	Alphaâ€synuclein p.H50Q, a novel pathogenic mutation for Parkinson's disease. Movement Disorders, 2013, 28, 811-813.	3.9	545
113	In-vivo Measurement of LDOPA Uptake, Dopamine Reserve and Turnover in the Rat Brain Using [¹⁸F]FDOPA PET. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 59-66.	4.3	33
114	Patientâ€control association study of the Leucineâ€Rich repeat kinase 2 (LRRK2) gene in South African Parkinson's disease patients. Movement Disorders, 2013, 28, 2039-2040.	3.9	7
115	Comprehensive Research Synopsis and Systematic Meta-Analyses in Parkinson's Disease Genetics: The PDGene Database. PLoS Genetics, 2012, 8, e1002548.	3.5	495
116	An evaluation of the impact ofMAPT,SNCAandAPOEon the burden of Alzheimer's and Lewy body pathology. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 424-429.	1.9	50
117	A multi-centre clinico-genetic analysis of the VPS35 gene in Parkinson disease indicates reduced penetrance for disease-associated variants. Journal of Medical Genetics, 2012, 49, 721-726.	3.2	94
118	Cognitive dysfunction in Tunisian LRRK2 associated Parkinsonâ€™s disease. Parkinsonism and Related Disorders, 2012, 18, 243-246.	2.2	46
119	First neuropathological description of a patient with Parkinsonâ€™s disease and LRRK2 p.N1437H mutation. Parkinsonism and Related Disorders, 2012, 18, 332-338.	2.2	40
120	PARK2 variability in Polish Parkinsonâ€™s disease patients - interaction with mitochondrial haplogroups. Parkinsonism and Related Disorders, 2012, 18, 520-524.	2.2	10
121	Large-scale replication and heterogeneity in Parkinson disease genetic loci. Neurology, 2012, 79, 659-667.	1.1	119
122	Polymorphic genes of detoxification and mitochondrial enzymes and risk for progressive supranuclear palsy: a case control study. BMC Medical Genetics, 2012, 13, 16.	2.1	3
123	LRRK2 knockout mice have an intact dopaminergic system but display alterations in exploratory and motor co-ordination behaviors. Molecular Neurodegeneration, 2012, 7, 25.	10.8	165
124	Identification of common variants influencing risk of the tauopathy progressive supranuclear palsy. Nature Genetics, 2011, 43, 699-705.	21.4	502
125	Glucocerebrosidase mutations in diffuse Lewy body disease. Parkinsonism and Related Disorders, 2011, 17, 55-57.	2.2	43
126	Subclinical signs in LRRK2 mutation carriers. Parkinsonism and Related Disorders, 2011, 17, 528-532.	2.2	33

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127	Lrrk2 p.Q1111H substitution and Parkinsonâ€™s disease in Latin America. Parkinsonism and Related Disorders, 2011, 17, 629-631.	2.2	15
128	A large-scale genetic association study to evaluate the contribution of Omi/HtrA2 (PARK13) to Parkinson's disease. Neurobiology of Aging, 2011, 32, 548.e9-548.e18.	3.1	56
129	Role of sepiapterin reductase gene at the PARK3 locus in Parkinson's disease. Neurobiology of Aging, 2011, 32, 2108.e1-2108.e5.	3.1	23
130	Death-associated protein kinase 1 variation and Parkinsonâ€™s disease. European Journal of Neurology, 2011, 18, 1090-1093.	3.3	6
131	SNCA,MAPT, andGSK3Bin Parkinson disease: a gene-gene interaction study. European Journal of Neurology, 2011, 18, 876-881.	3.3	34
132	Parkinson-related genetics in patients treated with deep brain stimulation. Acta Neurologica Scandinavica, 2011, 123, 201-206.	2.1	33
133	Adult neurogenesis and neurite outgrowth are impaired in LRRK2 G2019S mice. Neurobiology of Disease, 2011, 41, 706-716.	4.4	172
134	Association of LRRK2 exonic variants with susceptibility to Parkinson's disease: a caseâ€"control study. Lancet Neurology, The, 2011, 10, 898-908.	10.2	294
135	VPS35 Mutations in Parkinson Disease. American Journal of Human Genetics, 2011, 89, 162-167.	6.2	747
136	VPS35 Mutations in Parkinson Disease. American Journal of Human Genetics, 2011, 89, 347.	6.2	3
137	Translation Initiator EIF4G1 Mutations in Familial Parkinson Disease. American Journal of Human Genetics, 2011, 89, 398-406.	6.2	250
138	Call for participation in the neurogenetics consortium within the Human Variome Project. Neurogenetics, 2011, 12, 169-173.	1.4	5
139	Common variants in PARK loci and related genes and Parkinson's disease. Movement Disorders, 2011, 26, 280-288.	3.9	43
140	Genetic variants of Î±â€synuclein are not associated with essential tremor. Movement Disorders, 2011, 26, 2552-2556.	3.9	14
141	Independent and joint effects of the MAPT and SNCA genes in Parkinson disease. Annals of Neurology, 2011, 69, 778-792.	5.3	92
142	Mutations inLRRK2increase phosphorylation of peroxiredoxin 3 exacerbating oxidative stress-induced neuronal death. Human Mutation, 2011, 32, 1390-1397.	2.5	111
143	Functional alteration of PARL contributes to mitochondrial dysregulation in Parkinson's disease. Human Molecular Genetics, 2011, 20, 1966-1974.	2.9	160
144	Genome-Wide Association Study Identifies Novel Restless Legs Syndrome Susceptibility Loci on 2p14 and 16q12.1. PLoS Genetics, 2011, 7, e1002171.	3.5	163

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145	A family with parkinsonism, essential tremor, restless legs syndrome, and depression. Neurology, 2011, 76, 1623-1630.	1.1	29
146	LINGO1 and LINGO2 variants are associated with essential tremor and Parkinson disease. Neurogenetics, 2010, 11, 401-408.	1.4	114
147	Impaired dopaminergic neurotransmission and microtubule-associated protein tau alterations in human LRRK2 transgenic mice. Neurobiology of Disease, 2010, 40, 503-517.	4.4	243
148	Heterodimerization of Lrrk1â€“Lrrk2: Implications for LRRK2-associated Parkinson disease. Mechanisms of Ageing and Development, 2010, 131, 210-214.	4.6	18
149	Reply to: SNCA variants are associated with increased risk of multiple system atrophy. Annals of Neurology, 2010, 67, 414-415.	5.3	39
150	Association of pyridoxal kinase and Parkinson disease. Annals of Neurology, 2010, 67, 409-411.	5.3	9
151	LRRK2 variation and Parkinson's disease in African Americans. Movement Disorders, 2010, 25, 1973-1976.	3.9	11
152	Novel pathogenic LRRK2 p.Asn1437His substitution in familial Parkinson's disease. Movement Disorders, 2010, 25, 2156-2163.	3.9	108
153	Comprehensive sequencing of the LRRK2 gene in patients with familial Parkinson's disease from North Africa. Movement Disorders, 2010, 25, 2052-2058.	3.9	23
154	Dopamine turnover increases in asymptomatic LRRK2 mutations carriers. Movement Disorders, 2010, 25, 2717-2723.	3.9	103
155	Calbindinâ€1 association and Parkinsonâ€™s disease. European Journal of Neurology, 2010, 17, 208-211.	3.3	10
156	Association of the MAPT locus with Parkinsonâ€™s disease. European Journal of Neurology, 2010, 17, 483-486.	3.3	51
157	Missing pieces in the Parkinson's disease puzzle. Nature Medicine, 2010, 16, 653-661.	30.7	621
158	Î±-Synuclein Suppression by Targeted Small Interfering RNA in the Primate Substantia Nigra. PLoS ONE, 2010, 5, e12122.	2.5	138
159	Association of Î±-, Î²-, and Î³-Synuclein With Diffuse Lewy Body Disease. Archives of Neurology, 2010, 67, 970-5.	4.5	63
160	Parkinson diseaseâ€”moving beyond association. Nature Reviews Neurology, 2010, 6, 305-307.	10.1	9
161	LRRK2 and Parkinson Disease. Archives of Neurology, 2010, 67, 542-7.	4.5	137
162	Î±-Synuclein Gene May Interact with Environmental Factors in Increasing Risk of Parkinsonâ€™s Disease. Neuroepidemiology, 2010, 35, 191-195.	2.3	61

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163	Elucidating the genetics and pathology of Perry syndrome. Journal of the Neurological Sciences, 2010, 289, 149-154.	0.6	112
164	Glucocerebrosidase mutations are not a common risk factor for Parkinson disease in North Africa. Neuroscience Letters, 2010, 477, 57-60.	2.1	30
165	Mitochondrial translation initiation factor 3 polymorphism and Parkinson's disease. Neuroscience Letters, 2010, 486, 228-230.	2.1	19
166	LINGO1 rs9652490 is associated with essential tremor and Parkinson disease. Parkinsonism and Related Disorders, 2010, 16, 109-111.	2.2	66
167	Histamine N-methyltransferase Thr105Ile is not associated with Parkinson's disease or essential tremor. Parkinsonism and Related Disorders, 2010, 16, 112-114.	2.2	22
168	Genealogical studies in LRRK2-associated Parkinsonâ€™s disease in central Norway. Parkinsonism and Related Disorders, 2010, 16, 527-530.	2.2	16
169	Autonomic failures in Perry syndrome with DCTN1 mutation. Parkinsonism and Related Disorders, 2010, 16, 612-614.	2.2	26
170	A comparative study of Lrrk2 function in primary neuronal cultures. Parkinsonism and Related Disorders, 2010, 16, 650-655.	2.2	74
171	Genetic variation of the mitochondrial complex I subunit NDUFV2 and Parkinsonâ€™s disease. Parkinsonism and Related Disorders, 2010, 16, 686-687.	2.2	38
172	A comparative study of LRRK2, PINK1 and genetically undefined familial Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 391-395.	1.9	44
173	ATP13A2variability in Parkinson disease. Human Mutation, 2009, 30, 406-410.	2.5	37
174	Genotypeâ€"phenotype correlates in Taiwanese patients with earlyâ€onset recessive parkinsonism. Movement Disorders, 2009, 24, 104-108.	3.9	24
175	FGF20 and Parkinson's disease: No evidence of association or pathogenicity via Î±â€synuclein expression. Movement Disorders, 2009, 24, 455-459.	3.9	41
176	Reported mutations in GIGYF2 are not a common cause of Parkinson's disease. Movement Disorders, 2009, 24, 619-620.	3.9	26
177	Reply: GIGYF2 variants are not associated with Parkinson's disease in Italy. Movement Disorders, 2009, 24, 1868-1869.	3.9	1
178	Expanding the clinical phenotype of SNCA duplication carriers. Movement Disorders, 2009, 24, 1811-1819.	3.9	124
179	GCH1 in earlyâ€onset Parkinson's disease. Movement Disorders, 2009, 24, 2070-2075.	3.9	17
180	Alphaâ€synuclein polymorphisms are associated with Parkinson's disease in a Saskatchewan population. Movement Disorders, 2009, 24, 2411-2414.	3.9	20

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