Matthew Farrer

List of Publications by Year in Descending Order

343 papers	29,855 citations	77 h-index	165 g-index
356 ext. papers	33,444 ext. citations	7.4 avg, IF	6.5 L-index

#	Paper	IF	Citations
343	Dairy Intake and Parkinson's Disease: A Mendelian Randomization Study.. *Movement Disorders*, **2022**,	7	2
342	The Gut-Brain Axis and Its Relation to Parkinson's Disease: A Review.. *Frontiers in Aging Neuroscience*, **2021**, 13, 782082	5.3	5
341	Mendelian Randomisation Study of Smoking, Alcohol, and Coffee Drinking in Relation to Parkinson's Disease. *Journal of Parkinson's Disease*, **2021**,	5.3	3
340	Hunting for Familial Parkinson's Disease Mutations in the Post Genome Era. *Genes*, **2021**, 12,	4.2	1
339	Dynamic control of the dopamine transporter in neurotransmission and homeostasis. *Npj Parkinson's Disease*, **2021**, 7, 22	9.7	14
338	Reply: UQCRC1 variants in Parkinson's disease: a large cohort study in Chinese mainland population. *Brain*, **2021**, 144, e55	11.2	
337	Genomewide Association Studies of LRRK2 Modifiers of Parkinson's Disease. *Annals of Neurology*, **2021**, 90, 76-88	9.4	9
336	LRRK2; a dynamic regulator of cellular trafficking. *Brain Research*, **2021**, 1761, 147394	3.7	0
335	-associated neurodevelopmental disorder. *Journal of Medical Genetics*, **2021**, 58, 196-204	5.8	4
334	Analysis of DNM3 and VAMP4 as genetic modifiers of LRRK2 Parkinson's disease. *Neurobiology of Aging*, **2021**, 97, 148.e17-148.e24	5.6	9
333	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	6.1	0
332	Parkinson disease risk variants in East Asian populations. *Nature Reviews Neurology*, **2020**, 16, 461-462	15	2
331	Neuron-autonomous susceptibility to induced synuclein aggregation is exacerbated by endogenous mutations and ameliorated by genetic knock-out. *Brain Communications*, **2020**, 2, fcz052	4.5	8
330	Variants in saposin D domain of prosaposin gene linked to Parkinson's disease. *Brain*, **2020**, 143, 1190-1205	10.2	37
329	Disease modification and biomarker development in Parkinson disease: Revision or reconstruction?. *Neurology*, **2020**, 94, 481-494	6.5	60
328	Neuropathological findings in PINK1-associated Parkinson's disease. *Parkinsonism and Related Disorders*, **2020**, 78, 105-108	3.6	7
327	Nonsteroidal Anti-inflammatory Use and LRRK2 Parkinson's Disease Penetrance. *Movement Disorders*, **2020**, 35, 1755-1764	7	21

326	Mitochondrial UQCRC1 mutations cause autosomal dominant parkinsonism with polyneuropathy. *Brain*, **2020**, 143, 3352-3373	11.2	16
325	Age at Onset of LRRK2 p.Gly2019Ser Is Related to Environmental and Lifestyle Factors. *Movement Disorders*, **2020**, 35, 1854-1858	7	7
324	RAPIDOMICS: rapid genome-wide sequencing in a neonatal intensive care unit-successes and challenges. *European Journal of Pediatrics*, **2019**, 178, 1207-1218	4.1	29
323	Mitochondrial DNA Deletions Discriminate Affected from Unaffected LRRK2 Mutation Carriers. *Annals of Neurology*, **2019**, 86, 324-326	9.4	8
322	DNAJC13 p.Asn855Ser, implicated in familial parkinsonism, alters membrane dynamics of sorting nexin 1. *Neuroscience Letters*, **2019**, 706, 114-122	3.3	5
321	Doubts about TMEM230 as a gene for parkinsonism. *Nature Genetics*, **2019**, 51, 367-368	36.3	8
320	Whole-Exome Sequencing of an Exceptional Longevity Cohort. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2019**, 74, 1386-1390	6.4	9
319	Family with primary periodic paralysis and a mutation in MCM3AP, a gene implicated in mRNA transport. *Muscle and Nerve*, **2019**, 60, 311-314	3.4	2
318	Diagnostic Yield and Treatment Impact of Targeted Exome Sequencing in Early-Onset Epilepsy. *Frontiers in Neurology*, **2019**, 10, 434	4.1	42
317	Pathophysiology of and therapeutic options for a GABRA1 variant linked to epileptic encephalopathy. *Molecular Brain*, **2019**, 12, 92	4.5	4
316	Single Inflammatory Trigger Leads to Neuroinflammation in LRRK2 Rodent Model without Degeneration of Dopaminergic Neurons. *Journal of Parkinson's Disease*, **2019**, 9, 121-139	5.3	9
315	Pipeline to gene discovery - Analysing familial Parkinsonism in the Queensland Parkinson's Project. *Parkinsonism and Related Disorders*, **2018**, 49, 34-41	3.6	11
314	The emerging role of Rab GTPases in the pathogenesis of Parkinson's disease. *Movement Disorders*, **2018**, 33, 196-207	7	29
313	Altered dopamine release and monoamine transporters in Vps35 p.D620N knock-in mice. *Npj Parkinson's Disease*, **2018**, 4, 27	9.7	38
312	Assessing an Interactive Online Tool to Support Parents' Genomic Testing Decisions. *Journal of Genetic Counseling*, **2018**, 28, 10	2.5	13
311	p.Met233Val in a Complex Neurodegenerative Movement and Neuropsychiatric Disorder. *Journal of Movement Disorders*, **2018**, 11, 45-48	2.9	10
310	Establishing diagnostic criteria for Perry syndrome. *Journal of Neurology, Neurosurgery and Psychiatry*, **2018**, 89, 482-487	5.5	26
309	Dopamine receptors and BDNF-haplotypes predict dyskinesia in Parkinson's disease. *Parkinsonism and Related Disorders*, **2018**, 47, 39-44	3.6	25

308	A Meta-Analysis of ⊟Synuclein Multiplication in Familial Parkinsonism. *Frontiers in Neurology*, **2018**, 9, 1021	4.1	46
307	A Case of Parkinson's Disease with No Lewy Body Pathology due to a Homozygous Exon Deletion in. *Case Reports in Neurological Medicine*, **2018**, 2018, 6838965	0.7	24
306	Age- and disease-dependent increase of the mitophagy marker phospho-ubiquitin in normal aging and Lewy body disease. *Autophagy*, **2018**, 14, 1404-1418	10.2	47
305	Gender differences in Parkinson's disease depression. *Parkinsonism and Related Disorders*, **2017**, 36, 93-97	3.6	21
304	Genetic Identification in Early Onset Parkinsonism among Norwegian Patients. *Movement Disorders Clinical Practice*, **2017**, 4, 499-508	2.2	13
303	SCA2 family presenting as typical Parkinson's disease: 34 year follow up. *Parkinsonism and Related Disorders*, **2017**, 40, 69-72	3.6	8
302	An Infant With Epilepsy and Recurrent Hemiplegia due to Compound Heterozygous Variants in ATP1A2. *Pediatric Neurology*, **2017**, 75, 87-90	2.9	12
301	Reply: Heterozygous PINK1 p.G411S in rapid eye movement sleep behaviour disorder. *Brain*, **2017**, 140, e33	11.2	2
300	Neurobehavioral characterization of adult-onset Alexander disease: A family study. *Neurology: Clinical Practice*, **2017**, 7, 425-429	1.7	3
299	Serotonin and dopamine transporter PET changes in the premotor phase of LRRK2 parkinsonism: cross-sectional studies. *Lancet Neurology, The*, **2017**, 16, 351-359	24.1	64
298	Initial elevations in glutamate and dopamine neurotransmission decline with age, as does exploratory behavior, in LRRK2 G2019S knock-in mice. *ELife*, **2017**, 6,	8.9	44
297	DNAJC12 and dopa-responsive nonprogressive parkinsonism. *Annals of Neurology*, **2017**, 82, 640-646	9.4	38
296	De Novo Mutations in YWHAG Cause Early-Onset Epilepsy. *American Journal of Human Genetics*, **2017**, 101, 300-310	11	37
295	Homozygous alpha-synuclein p.A53V in familial Parkinson's disease. *Neurobiology of Aging*, **2017**, 57, 248.e7-248.e12	5.6	51
294	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	11	58
293	Heterozygous PINK1 p.G411S increases risk of Parkinson's disease via a dominant-negative mechanism. *Brain*, **2017**, 140, 98-117	11.2	88
292	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	5.6	5
291	De novo mutation in 2 patients with neonatal-onset epilepsy. *Neurology: Genetics*, **2016**, 2, e120	3.8	18

290	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	3.5	8
289	Lovastatin protects neurite degeneration in LRRK2-G2019S parkinsonism through activating the Akt/Nrf pathway and inhibiting GSK3□activity. *Human Molecular Genetics*, **2016**, 25, 1965-1978	5.6	34
288	□synuclein genetic variability: A biomarker for dementia in Parkinson disease. *Annals of Neurology*, **2016**, 79, 991-9	9.4	64
287	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, 405-9	7	12
286	Double homozygous mutations (R275W and M432V) in the ParkinGene associated with late-onset Parkinson's disease. *Movement Disorders*, **2016**, 31, 423-5	7	2
285	Conjugal parkinsonism is coincidental. *Parkinsonism and Related Disorders*, **2016**, 33, 149-150	3.6	2
284	Leucine-rich repeat kinase 2 (LRRK2) regulates □synuclein clearance in microglia. *BMC Neuroscience* , **2016**, 17, 77	3.2	37
283	DCTN1 p.K56R in progressive supranuclear palsy. *Parkinsonism and Related Disorders*, **2016**, 28, 56-61	3.6	24
282	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	24.1	50
281	Conjugal parkinsonism - Clinical, pathology and genetic study. No evidence of person-to-person transmission. *Parkinsonism and Related Disorders*, **2016**, 31, 87-90	3.6	11
280	DNAJC13 genetic variants in parkinsonism. *Movement Disorders*, **2015**, 30, 273-8	7	32
279	Novel LRRK2 mutations in Parkinsonism. *Parkinsonism and Related Disorders*, **2015**, 21, 1119-21	3.6	6
278	Defining neurodegeneration on Guam by targeted genomic sequencing. *Annals of Neurology*, **2015**, 77, 458-68	9.4	47
277	Progressive dopaminergic alterations and mitochondrial abnormalities in LRRK2 G2019S knock-in mice. *Neurobiology of Disease*, **2015**, 78, 172-95	7.5	140
276	[11C]PBR28 PET imaging is sensitive to neuroinflammation in the aged rat. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 1331-8	7.3	21
275	Insights from late-onset familial parkinsonism on the pathogenesis of idiopathic Parkinson's disease. *Lancet Neurology, The*, **2015**, 14, 1054-64	24.1	45
274	Large-scale assessment of polyglutamine repeat expansions in Parkinson disease. *Neurology*, **2015**, 85, 1283-92	6.5	20
273	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, 1156-63	3.6	30

272	Retromer-dependent neurotransmitter receptor trafficking to synapses is altered by the Parkinson's disease VPS35 mutation p.D620N. *Human Molecular Genetics*, **2015**, 24, 1691-703	5.6	98
271	Parkinson's disease, genetic variability and the Faroe Islands. *Parkinsonism and Related Disorders*, **2015**, 21, 75-8	3.6	9
270	Parkinsonism in GTP cyclohydrolase 1 mutation carriers. *Brain*, **2015**, 138, e349	11.2	17
269	Head injury, □synuclein genetic variability and Parkinson's disease. *European Journal of Neurology*, **2015**, 22, 874-8	6	12
268	LRRK2 overexpression alters glutamatergic presynaptic plasticity, striatal dopamine tone, postsynaptic signal transduction, motor activity and memory. *Human Molecular Genetics*, **2015**, 24, 1336-49	5.6	70
267	Genetic variability of the retromer cargo recognition complex in parkinsonism. *Movement Disorders*, **2015**, 30, 580-4	7	20
266	Familial aggregation of Parkinson's disease in the Faroe Islands. *Movement Disorders*, **2015**, 30, 538-44	7	13
265	DNAJC13 p.Asn855Ser mutation screening in Parkinson's disease and pathologically confirmed Lewy body disease patients. *European Journal of Neurology*, **2015**, 22, 1323-5	6	15
264	Motor phenotype of LRRK2-associated Parkinson's disease: a Tunisian longitudinal study. *Movement Disorders*, **2015**, 30, 253-8	7	24
263	A novel DCTN1 mutation with late-onset parkinsonism and frontotemporal atrophy. *Movement Disorders*, **2014**, 29, 1201-4	7	30
262	DNAJC13 mutations in Parkinson disease. *Human Molecular Genetics*, **2014**, 23, 1794-801	5.6	209
261	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.e5-14	5.6	26
260	Identification of FUS p.R377W in essential tremor. *European Journal of Neurology*, **2014**, 21, 361-3	6	23
259	LRRK2 parkinsonism in Tunisia and Norway: a comparative analysis of disease penetrance. *Neurology*, **2014**, 83, 568-9	6.5	32
258	Does □synuclein have a dual and opposing effect in preclinical vs. clinical Parkinson's disease?. *Parkinsonism and Related Disorders*, **2014**, 20, 584-9; discussion 584	3.6	31
257	EIF4G1 gene mutations are not a common cause of Parkinson's disease in the Japanese population. *Parkinsonism and Related Disorders*, **2014**, 20, 659-61	3.6	10
256	Clinical, positron emission tomography, and pathological studies of DNAJC13 p.N855S Parkinsonism. *Movement Disorders*, **2014**, 29, 1684-7	7	15
255	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	6.1	72

254	Disease penetrance of late-onset parkinsonism: a meta-analysis. *JAMA Neurology*, **2014**, 71, 1535-9	17.2	65
253	LRRK2 exonic variants and risk of multiple system atrophy. *Neurology*, **2014**, 83, 2256-61	6.5	34
252	In vivo dopaminergic and serotonergic dysfunction in DCTN1 gene mutation carriers. *Movement Disorders*, **2014**, 29, 1197-201	7	12
251	Michael J. Fox Foundation LRRK2 Consortium: geographical differences in returning genetic research data to study participants. *Genetics in Medicine*, **2014**, 16, 644-5	8.1	7
250	The role of SNCA and MAPT in Parkinson disease and LRRK2 parkinsonism in the Tunisian Arab-Berber population. *European Journal of Neurology*, **2014**, 21, e91-2	6	6
249	Behavioral deficits and striatal DA signaling in LRRK2 p.G2019S transgenic rats: a multimodal investigation including PET neuroimaging. *Journal of Parkinsonks Disease*, **2014**, 4, 483-98	5.3	27
248	Genetics and genomics of Parkinson's disease. *Genome Medicine*, **2014**, 6, 48	14.4	125
247	Comparative study of Parkinson's disease and leucine-rich repeat kinase 2 p.G2019S parkinsonism. *Neurobiology of Aging*, **2014**, 35, 1125-31	5.6	64
246	Measurements of Dopaminergic Function in the Rat Brain Using [18F]FDOPA PET and Microdialysis **2014**, 161		
245	Advances in the genetics of Parkinson disease. *Nature Reviews Neurology*, **2013**, 9, 445-54	15	353
244	The genetics of Parkinson's disease: progress and therapeutic implications. *Movement Disorders*, **2013**, 28, 14-23	7	248
243	Population-specific frequencies for LRRK2 susceptibility variants in the Genetic Epidemiology of Parkinson's Disease (GEO-PD) Consortium. *Movement Disorders*, **2013**, 28, 1740-4	7	24
242	LRRK2 phosphorylates novel tau epitopes and promotes tauopathy. *Acta Neuropathologica*, **2013**, 126, 809-27	14.3	67
241	STX6 rs1411478 is not associated with increased risk of Parkinson's disease. *Parkinsonism and Related Disorders*, **2013**, 19, 563-5	3.6	14
240	Sequence variants in eukaryotic translation initiation factor 4-gamma (eIF4G1) are associated with Lewy body dementia. *Acta Neuropathologica*, **2013**, 125, 425-38	14.3	16
239	Measuring dopaminergic function in the 6-OHDA-lesioned rat: a comparison of PET and microdialysis. *EJNMMI Research*, **2013**, 3, 69	3.6	14
238	Alpha-synuclein p.H50Q, a novel pathogenic mutation for Parkinson's disease. *Movement Disorders*, **2013**, 28, 811-3	7	433
237	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	7.3	21

236	Patient-control association study of the Leucine-Rich repeat kinase 2 (LRRK2) gene in South African Parkinson's disease patients. *Movement Disorders*, **2013**, 28, 2039-40	7	4
235	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, 721-6	5.8	78
234	Cognitive dysfunction in Tunisian LRRK2 associated Parkinson's disease. *Parkinsonism and Related Disorders*, **2012**, 18, 243-6	3.6	31
233	First neuropathological description of a patient with Parkinson's disease and LRRK2 p.N1437H mutation. *Parkinsonism and Related Disorders*, **2012**, 18, 332-8	3.6	31
232	PARK2 variability in Polish Parkinson's disease patients--interaction with mitochondrial haplogroups. *Parkinsonism and Related Disorders*, **2012**, 18, 520-4	3.6	9
231	Large-scale replication and heterogeneity in Parkinson disease genetic loci. *Neurology*, **2012**, 79, 659-67	6.5	106
230	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
229	LRRK2 knockout mice have an intact dopaminergic system but display alterations in exploratory and motor co-ordination behaviors. *Molecular Neurodegeneration*, **2012**, 7, 25	19	139
228	Comprehensive research synopsis and systematic meta-analyses in Parkinson's disease genetics: The PDGene database. *PLoS Genetics*, **2012**, 8, e1002548	6	420
227	An evaluation of the impact of MAPT, SNCA and APOE on the burden of Alzheimer's and Lewy body pathology. *Journal of Neurology, Neurosurgery and Psychiatry*, **2012**, 83, 424-9	5.5	46
226	Identification of common variants influencing risk of the tauopathy progressive supranuclear palsy. *Nature Genetics*, **2011**, 43, 699-705	36.3	386
225	Glucocerebrosidase mutations in diffuse Lewy body disease. *Parkinsonism and Related Disorders*, **2011**, 17, 55-7	3.6	37
224	Subclinical signs in LRRK2 mutation carriers. *Parkinsonism and Related Disorders*, **2011**, 17, 528-32	3.6	30
223	Lrrk2 p.Q1111H substitution and Parkinson's disease in Latin America. *Parkinsonism and Related Disorders*, **2011**, 17, 629-31	3.6	12
222	A large-scale genetic association study to evaluate the contribution of Omi/HtrA2 (PARK13) to Parkinson's disease. *Neurobiology of Aging*, **2011**, 32, 548.e9-18	5.6	46
221	Role of sepiapterin reductase gene at the PARK3 locus in Parkinson's disease. *Neurobiology of Aging*, **2011**, 32, 2108.e1-5	5.6	15
220	Death-associated protein kinase 1 variation and Parkinson's disease. *European Journal of Neurology*, **2011**, 18, 1090-3	6	4
219	SNCA, MAPT, and GSK3B in Parkinson disease: a gene-gene interaction study. *European Journal of Neurology*, **2011**, 18, 876-81	6	31

218	Parkinson-related genetics in patients treated with deep brain stimulation. *Acta Neurologica Scandinavica*, **2011**, 123, 201-6	3.8	23
217	Adult neurogenesis and neurite outgrowth are impaired in LRRK2 G2019S mice. *Neurobiology of Disease*, **2011**, 41, 706-16	7.5	146
216	Association of LRRK2 exonic variants with susceptibility to Parkinson's disease: a case-control study. *Lancet Neurology, The*, **2011**, 10, 898-908	24.1	237
215	VPS35 mutations in Parkinson disease. *American Journal of Human Genetics*, **2011**, 89, 162-7	11	618
214	VPS35 Mutations in Parkinson Disease. *American Journal of Human Genetics*, **2011**, 89, 347	11	3
213	Translation initiator EIF4G1 mutations in familial Parkinson disease. *American Journal of Human Genetics*, **2011**, 89, 398-406	11	213
212	Call for participation in the neurogenetics consortium within the Human Variome Project. *Neurogenetics*, **2011**, 12, 169-73	3	4
211	Common variants in PARK loci and related genes and Parkinson's disease. *Movement Disorders*, **2011**, 26, 280-8	7	28
210	Genetic variants of □synuclein are not associated with essential tremor. *Movement Disorders*, **2011**, 26, 2552-6	7	12
209	Independent and joint effects of the MAPT and SNCA genes in Parkinson disease. *Annals of Neurology*, **2011**, 69, 778-92	9.4	76
208	Mutations in LRRK2 increase phosphorylation of peroxiredoxin 3 exacerbating oxidative stress-induced neuronal death. *Human Mutation*, **2011**, 32, 1390-7	4.7	80
207	Functional alteration of PARL contributes to mitochondrial dysregulation in Parkinson's disease. *Human Molecular Genetics*, **2011**, 20, 1966-74	5.6	131
206	Genome-wide association study identifies novel restless legs syndrome susceptibility loci on 2p14 and 16q12.1. *PLoS Genetics*, **2011**, 7, e1002171	6	135
205	A family with Parkinsonism, essential tremor, restless legs syndrome, and depression. *Neurology*, **2011**, 76, 1623-30	6.5	25
204	Missing pieces in the Parkinson's disease puzzle. *Nature Medicine*, **2010**, 16, 653-61	50.5	521
203	Alpha-synuclein suppression by targeted small interfering RNA in the primate substantia nigra. *PLoS ONE*, **2010**, 5, e12122	3.7	101
202	Association of alpha-, beta-, and gamma-Synuclein with diffuse lewy body disease. *Archives of Neurology*, **2010**, 67, 970-5		49
201	LRRK2 and Parkinson disease. *Archives of Neurology*, **2010**, 67, 542-7		114

200	Synuclein gene may interact with environmental factors in increasing risk of Parkinson's disease. *Neuroepidemiology*, **2010**, 35, 191-5	5.4	52
199	Elucidating the genetics and pathology of Perry syndrome. *Journal of the Neurological Sciences*, **2010**, 289, 149-54	3.2	35
198	Glucocerebrosidase mutations are not a common risk factor for Parkinson disease in North Africa. *Neuroscience Letters*, **2010**, 477, 57-60	3.3	16
197	Mitochondrial translation initiation factor 3 polymorphism and Parkinson's disease. *Neuroscience Letters*, **2010**, 486, 228-30	3.3	17
196	LINGO1 rs9652490 is associated with essential tremor and Parkinson disease. *Parkinsonism and Related Disorders*, **2010**, 16, 109-11	3.6	58
195	Histamine N-methyltransferase Thr105Ile is not associated with Parkinson's disease or essential tremor. *Parkinsonism and Related Disorders*, **2010**, 16, 112-4	3.6	18
194	Genealogical studies in LRRK2-associated Parkinson's disease in central Norway. *Parkinsonism and Related Disorders*, **2010**, 16, 527-30	3.6	13
193	Autonomic failures in Perry syndrome with DCTN1 mutation. *Parkinsonism and Related Disorders*, **2010**, 16, 612-4	3.6	22
192	A comparative study of Lrrk2 function in primary neuronal cultures. *Parkinsonism and Related Disorders*, **2010**, 16, 650-5	3.6	68
191	Genetic variation of the mitochondrial complex I subunit NDUFV2 and Parkinson's disease. *Parkinsonism and Related Disorders*, **2010**, 16, 686-7	3.6	29
190	A comparative study of LRRK2, PINK1 and genetically undefined familial Parkinson's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, **2010**, 81, 391-5	5.5	33
189	LINGO1 and LINGO2 variants are associated with essential tremor and Parkinson disease. *Neurogenetics*, **2010**, 11, 401-8	3	106
188	Impaired dopaminergic neurotransmission and microtubule-associated protein tau alterations in human LRRK2 transgenic mice. *Neurobiology of Disease*, **2010**, 40, 503-17	7.5	210
187	Heterodimerization of Lrrk1-Lrrk2: Implications for LRRK2-associated Parkinson disease. *Mechanisms of Ageing and Development*, **2010**, 131, 210-4	5.6	16
186	Reply to: SNCA variants are associated with increased risk of multiple system atrophy. *Annals of Neurology*, **2010**, 67, 414-5	9.4	34
185	Association of pyridoxal kinase and Parkinson disease. *Annals of Neurology*, **2010**, 67, 409-11	9.4	7
184	LRRK2 variation and Parkinson's disease in African Americans. *Movement Disorders*, **2010**, 25, 1973-6	7	8
183	Novel pathogenic LRRK2 p.Asn1437His substitution in familial Parkinson's disease. *Movement Disorders*, **2010**, 25, 2156-63	7	86

182	Comprehensive sequencing of the LRRK2 gene in patients with familial Parkinson's disease from North Africa. *Movement Disorders*, **2010**, 25, 2052-8	7	13
181	Dopamine turnover increases in asymptomatic LRRK2 mutations carriers. *Movement Disorders*, **2010**, 25, 2717-23	7	82
180	Calbindin-1 association and Parkinson's disease. *European Journal of Neurology*, **2010**, 17, 208-11	6	8
179	Association of the MAPT locus with Parkinson's disease. *European Journal of Neurology*, **2010**, 17, 483-6	6	41
178	ATP13A2 variability in Parkinson disease. *Human Mutation*, **2009**, 30, 406-10	4.7	30
177	Genotype-phenotype correlates in Taiwanese patients with early-onset recessive Parkinsonism. *Movement Disorders*, **2009**, 24, 104-8	7	22
176	FGF20 and Parkinson's disease: no evidence of association or pathogenicity via alpha-synuclein expression. *Movement Disorders*, **2009**, 24, 455-9	7	38
175	Reported mutations in GIGYF2 are not a common cause of Parkinson's disease. *Movement Disorders*, **2009**, 24, 619-20	7	24
174	Reply: GIGYF2 variants are not associated with Parkinson's disease in Italy. *Movement Disorders*, **2009**, 24, 1868-1869	7	1
173	Expanding the clinical phenotype of SNCA duplication carriers. *Movement Disorders*, **2009**, 24, 1811-9	7	103
172	GCH1 in early-onset Parkinson's disease. *Movement Disorders*, **2009**, 24, 2070-5	7	14
171	Alpha-synuclein polymorphisms are associated with Parkinson's disease in a Saskatchewan population. *Movement Disorders*, **2009**, 24, 2411-4	7	15
170	Fine-mapping and candidate gene investigation within the PARK10 locus. *European Journal of Human Genetics*, **2009**, 17, 336-43	5.3	24
169	DCTN1 mutations in Perry syndrome. *Nature Genetics*, **2009**, 41, 163-5	36.3	239
168	GRN 3'UTR+78 C>T is not associated with risk for Parkinson's disease. *European Journal of Neurology*, **2009**, 16, 909-11	6	6
167	Multicenter analysis of glucocerebrosidase mutations in Parkinson's disease. *New England Journal of Medicine*, **2009**, 361, 1651-61	59.2	1351
166	Pallidonigral TDP-43 pathology in Perry syndrome. *Parkinsonism and Related Disorders*, **2009**, 15, 281-6	3.6	72
165	Alpha-synuclein multiplications with parkinsonism, dementia or progressive myoclonus?. *Parkinsonism and Related Disorders*, **2009**, 15, 390-2	3.6	25

164	Glucosidase-beta variations and Lewy body disorders. *Parkinsonism and Related Disorders*, **2009**, 15, 414-6	3.6	32
163	Haplotype analysis of Lrrk2 R1441H carriers with parkinsonism. *Parkinsonism and Related Disorders*, **2009**, 15, 466-7	3.6	28
162	Genetic factors influencing age at onset in LRRK2-linked Parkinson disease. *Parkinsonism and Related Disorders*, **2009**, 15, 539-41	3.6	26
161	Analysis of PArkin Co-Regulated Gene in a Taiwanese-ethnic Chinese cohort with early-onset Parkinson's disease. *Parkinsonism and Related Disorders*, **2009**, 15, 417-21	3.6	7
160	Evaluation of gastric emptying in familial and sporadic Parkinson disease. *Parkinsonism and Related Disorders*, **2009**, 15, 692-6	3.6	31
159	A Swedish family with de novo alpha-synuclein A53T mutation: evidence for early cortical dysfunction. *Parkinsonism and Related Disorders*, **2009**, 15, 627-32	3.6	77
158	Phactr2 and Parkinson's disease. *Neuroscience Letters*, **2009**, 453, 9-11	3.3	12
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List of Publications

2	TMEM230 is not a gene for Parkinson disease	2
1	Diagnostic Yield and Treatment Impact of Targeted Exome Sequencing in Early-onset Epilepsy	2