Anthony H V Schapira

List of Publications by Year in Descending Order

377 papers	38,204 citations	96 h-index	187 g-index
428 ext. papers	42,540 ext. citations	8.8 avg, IF	7.68 L-index

#	Paper	IF	Citations
377	Sphingolipid changes in Parkinson L444P GBA mutation fibroblasts promote □synuclein aggregation.. *Brain*, **2022**,	11.2	1
376	Ambroxol reverses tau and □synuclein accumulation in a cholinergic N370S GBA1 mutation model.. *Human Molecular Genetics*, **2022**,	5.6	2
375	Glucocerebrosidase-associated Parkinson disease: Pathogenic mechanisms and potential drug treatments.. *Neurobiology of Disease*, **2022**, 105663	7.5	1
374	Somatic copy number variant mutations in alpha-synuclein and genome-wide in brains of synucleinopathy cases. *Journal of Neurology, Neurosurgery and Psychiatry*, **2022**, 93, A4.2-A4	5.5	
373	The PINK1-Parkin mitophagy signalling pathway is not functional in peripheral blood mononuclear cells. *PLoS ONE*, **2021**, 16, e0259903	3.7	0
372	Glucocerebrosidase 1 and leucine-rich repeat kinase 2 in Parkinson disease and interplay between the two genes. *Journal of Neurochemistry*, **2021**, 159, 826-839	6	2
371	Intronic Haplotypes in the GBA Gene Do Not Predict Age at Diagnosis of Parkinson's Disease. *Movement Disorders*, **2021**, 36, 1456-1460	7	2
370	Exploring the Genotype-Phenotype Correlation in -Parkinson Disease: Clinical Aspects, Biomarkers, and Potential Modifiers. *Frontiers in Neurology*, **2021**, 12, 694764	4.1	5
369	Non-motor predictors of 36-month quality of life after subthalamic stimulation in Parkinson disease. *Npj Parkinsonfs Disease*, **2021**, 7, 48	9.7	9
368	Brain Microglial Activation Increased in Glucocerebrosidase (GBA) Mutation Carriers without Parkinson's disease. *Movement Disorders*, **2021**, 36, 774-779	7	19
367	LRRK2 Parkinsonism: Does the Response to Gut Bacteria Mitigate the Neurological Picture?. *Movement Disorders*, **2021**, 36, 71-75	7	3
366	The gut-brain axis and Parkinson disease: clinical and pathogenetic relevance. *Annals of Medicine*, **2021**, 53, 611-625	1.5	7
365	A multinational consensus on dysphagia in Parkinson's disease: screening, diagnosis and prognostic value. *Journal of Neurology*, **2021**, 1	5.5	1
364	Consensus on the treatment of dysphagia in Parkinson's disease. *Journal of the Neurological Sciences*, **2021**, 430, 120008	3.2	2
363	Glucocerebrosidase mutations: A paradigm for neurodegeneration pathways. *Free Radical Biology and Medicine*, **2021**, 175, 42-55	7.8	1
362	Safety, Pharmacokinetics, and Pharmacodynamics of Oral Venglustat in Patients with Parkinson's Disease and a GBA Mutation: Results from Part 1 of the Randomized, Double-Blinded, Placebo-Controlled MOVES-PD Trial.. *Journal of Parkinsonfs Disease*, **2021**,	5.3	6
361	Glucocerebrosidase deficiency promotes release of □synuclein fibrils from cultured neurons. *Human Molecular Genetics*, **2020**, 29, 1716-1728	5.6	15

360	A pragmatic, personalised approach to treatment initiation in Parkinson's disease. *Lancet Neurology, The*, **2020**, 19, 376-378	24.1	3
359	Pathogenetic insights into young-onset Parkinson disease. *Nature Reviews Neurology*, **2020**, 16, 245-246	15	0
358	Biofluid Biomarkers in Parkinson's Disease: Clarity Amid Controversy. *Movement Disorders*, **2020**, 35, 1128-1133	7	4
357	Enhancing the Activity of Glucocerebrosidase as a Treatment for Parkinson Disease. *CNS Drugs*, **2020**, 34, 915-923	6.7	4
356	The biochemical basis of interactions between Glucocerebrosidase and alpha-synuclein in GBA1 mutation carriers. *Journal of Neurochemistry*, **2020**, 154, 11-24	6	7
355	Ambroxol for the Treatment of Patients With Parkinson Disease With and Without Glucocerebrosidase Gene Mutations: A Nonrandomized, Noncontrolled Trial. *JAMA Neurology*, **2020**, 77, 427-434	17.2	113
354	Glucocerebrosidase activity, cathepsin D and monomeric □synuclein interactions in a stem cell derived neuronal model of a PD associated GBA1 mutation. *Neurobiology of Disease*, **2020**, 134, 104620	7.5	18
353	L444P Gba1 mutation increases formation and spread of □synuclein deposits in mice injected with mouse □synuclein pre-formed fibrils. *PLoS ONE*, **2020**, 15, e0238075	3.7	6
352	Functional assessment of glucocerebrosidase modulator efficacy in primary patient-derived macrophages is essential for drug development and patient stratification. *Haematologica*, **2020**, 105, e206-e209	6.6	3
351	L444P Gba1 mutation increases formation and spread of □synuclein deposits in mice injected with mouse □synuclein pre-formed fibrils **2020**, 15, e0238075		
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348	L444P Gba1 mutation increases formation and spread of □synuclein deposits in mice injected with mouse □synuclein pre-formed fibrils **2020**, 15, e0238075		
347	Non-motor outcomes depend on location of neurostimulation in Parkinson's disease. *Brain*, **2019**, 142, 3592-3604	11.2	54
346	Evolution of prodromal parkinsonian features in a cohort of mutation-positive individuals: a 6-year longitudinal study. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 1091-1097	5.5	29
345	Ablation of the pro-inflammatory master regulator miR-155 does not mitigate neuroinflammation or neurodegeneration in a vertebrate model of Gaucher's disease. *Neurobiology of Disease*, **2019**, 127, 563-569	7.5	11
344	Evolution and clustering of prodromal parkinsonian features in GBA1 carriers. *Movement Disorders*, **2019**, 34, 1365-1373	7	19
343	Investigation of somatic CNVs in brains of synucleinopathy cases using targeted SNCA analysis and single cell sequencing. *Acta Neuropathologica Communications*, **2019**, 7, 219	7.3	22

342	Glucocerebrosidase mutations and synucleinopathies: Toward a model of precision medicine. *Movement Disorders*, **2019**, 34, 9-21	7	45
341	Evaluation of the detection of GBA missense mutations and other variants using the Oxford Nanopore MinION. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e564	2.3	35
340	Glucocerebrosidase and Parkinson Disease: Molecular, Clinical, and Therapeutic Implications. *Neuroscientist*, **2018**, 24, 540-559	7.6	59
339	The role of glucocerebrosidase in Parkinson disease pathogenesis. *FEBS Journal*, **2018**, 285, 3591-3603	5.7	70
338	Effects of ambroxol on the autophagy-lysosome pathway and mitochondria in primary cortical neurons. *Scientific Reports*, **2018**, 8, 1385	4.9	50
337	Somatic copy number gains of -synuclein (SNCA) in Parkinson's disease and multiple system atrophy brains. *Brain*, **2018**, 141, 2419-2431	11.2	41
336	Chaperone-mediated autophagy as a therapeutic target for Parkinson disease. *Expert Opinion on Therapeutic Targets*, **2018**, 22, 823-832	6.4	21
335	A Human Neural Crest Stem Cell-Derived Dopaminergic Neuronal Model Recapitulates Biochemical Abnormalities in GBA1 Mutation Carriers. *Stem Cell Reports*, **2017**, 8, 728-742	8	42
334	-Synuclein structural features inhibit harmful polyunsaturated fatty acid oxidation, suggesting roles in neuroprotection. *Journal of Biological Chemistry*, **2017**, 292, 6927-6937	5.4	25
333	Systemic PTEN-Akt1-mTOR pathway activity in patients with normal tension glaucoma and ocular hypertension: A case series. *Mitochondrion*, **2017**, 36, 96-102	4.9	3
332	Safinamide for the treatment of Parkinson's disease. *Expert Opinion on Pharmacotherapy*, **2017**, 18, 937-943	4	7
331	Non-motor features of Parkinson disease. *Nature Reviews Neuroscience*, **2017**, 18, 435-450	13.5	621
330	Oral ambroxol increases brain glucocerebrosidase activity in a nonhuman primate. *Synapse*, **2017**, 71, e21967	2.4	67
329	Assessment of Safety and Efficacy of Safinamide as a Levodopa Adjunct in Patients With Parkinson Disease and Motor Fluctuations: A Randomized Clinical Trial. *JAMA Neurology*, **2017**, 74, 216-224	17.2	116
328	Insights into the structural biology of Gaucher disease. *Experimental Neurology*, **2017**, 298, 180-190	5.7	34
327	Nonmotor Symptoms in Experimental Models of Parkinson's Disease. *International Review of Neurobiology*, **2017**, 133, 63-89	4.4	19
326	DJ-1 is a redox sensitive adapter protein for high molecular weight complexes involved in regulation of catecholamine homeostasis. *Human Molecular Genetics*, **2017**, 26, 4028-4041	5.6	13
325	Excessive burden of lysosomal storage disorder gene variants in Parkinson's disease. *Brain*, **2017**, 140, 3191-3203	11.2	209

324	The L444P Gba1 mutation enhances alpha-synuclein induced loss of nigral dopaminergic neurons in mice. *Brain*, **2017**, 140, 2706-2721	11.2	34
323	Mitochondrial dysfunction associated with glucocerebrosidase deficiency. *Neurobiology of Disease*, **2016**, 90, 43-50	7.5	61
322	The Cytomegalovirus protein pUL37 1 targets mitochondria to mediate neuroprotection. *Scientific Reports*, **2016**, 6, 31373	4.9	8
321	Ambroxol effects in glucocerebrosidase and -synuclein transgenic mice. *Annals of Neurology*, **2016**, 80, 766-775	9.4	109
320	Meclizine-induced enhanced glycolysis is neuroprotective in Parkinson disease cell models. *Scientific Reports*, **2016**, 6, 25344	4.9	27
319	Parkinson disease-linked GBA mutation effects reversed by molecular chaperones in human cell and fly models. *Scientific Reports*, **2016**, 6, 31380	4.9	83
318	Mitochondrial and lysosomal biogenesis are activated following PINK1/parkin-mediated mitophagy. *Journal of Neurochemistry*, **2016**, 136, 388-402	6	120
317	Glucocerebrosidase in Parkinson's disease: Insights into pathogenesis and prospects for treatment. *Movement Disorders*, **2016**, 31, 830-5	7	28
316	Autophagic lysosome reformation dysfunction in glucocerebrosidase deficient cells: relevance to Parkinson disease. *Human Molecular Genetics*, **2016**, 25, 3432-3445	5.6	114
315	The relationship between glucocerebrosidase mutations and Parkinson disease. *Journal of Neurochemistry*, **2016**, 139 Suppl 1, 77-90	6	118
314	PINK1 disables the anti-fission machinery to segregate damaged mitochondria for mitophagy. *Journal of Cell Biology*, **2016**, 213, 163-71	7.3	104
313	Molecular changes in the postmortem parkinsonian brain. *Journal of Neurochemistry*, **2016**, 139 Suppl 1, 27-58	6	59
312	Evolution of prodromal clinical markers of Parkinson disease in a GBA mutation-positive cohort. *JAMA Neurology*, **2015**, 72, 201-8	17.2	139
311	Glucocerebrosidase Gene Mutation and Preclinical Markers of Parkinson Disease-Reply. *JAMA Neurology*, **2015**, 72, 724	17.2	1
310	Clinical prodromes of neurodegeneration in Anderson-Fabry disease. *Neurology*, **2015**, 84, 1454-64	6.5	45
309	Glucocerebrosidase and Parkinson disease: Recent advances. *Molecular and Cellular Neurosciences*, **2015**, 66, 37-42	4.8	142
308	Glucocerebrosidase 1 deficient Danio rerio mirror key pathological aspects of human Gaucher disease and provide evidence of early microglial activation preceding alpha-synuclein-independent neuronal cell death. *Human Molecular Genetics*, **2015**, 24, 6640-52	5.6	72
307	The role of functional dopamine-transporter SPECT imaging in parkinsonian syndromes, part 1. *American Journal of Neuroradiology*, **2015**, 36, 229-35	4.4	46

306	The role of functional dopamine-transporter SPECT imaging in parkinsonian syndromes, part 2. *American Journal of Neuroradiology*, **2015**, 36, 236-44	4.4	37
305	Pathogenic mechanisms of neurodegeneration in Parkinson disease. *Neurologic Clinics*, **2015**, 33, 1-17	4.5	63
304	No evidence for substrate accumulation in Parkinson brains with GBA mutations. *Movement Disorders*, **2015**, 30, 1085-9	7	86
303	Distinct clinical and neuropathological features of G51D SNCA mutation cases compared with SNCA duplication and H50Q mutation. *Molecular Neurodegeneration*, **2015**, 10, 41	19	62
302	Practical recommendations for the process of proposing, planning and writing a neurological management guideline by EAN task forces. *European Journal of Neurology*, **2015**, 22, 1505-10	6	25
301	The genetics of Parkinson's disease. *British Medical Bulletin*, **2015**, 114, 39-52	5.4	61
300	Resistance to the most common optic neuropathy is associated with systemic mitochondrial efficiency. *Neurobiology of Disease*, **2015**, 82, 78-85	7.5	31
299	The H50Q mutation induces a 10-fold decrease in the solubility of □synuclein. *Journal of Biological Chemistry*, **2015**, 290, 2395-404	5.4	51
298	Early L-dopa, but not pramipexole, restores basal ganglia activity in partially 6-OHDA-lesioned rats. *Neurobiology of Disease*, **2014**, 64, 36-47	7.5	10
297	Early versus delayed initiation of pharmacotherapy in Parkinson's disease. *Drugs*, **2014**, 74, 645-57	12.1	11
296	Mitochondrial impairment increases FL-PINK1 levels by calcium-dependent gene expression. *Neurobiology of Disease*, **2014**, 62, 426-40	7.5	41
295	Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP. *Experimental Eye Research*, **2014**, 122, 50-3	3.7	60
294	Slowing of neurodegeneration in Parkinson's disease and Huntington's disease: future therapeutic perspectives. *Lancet, The*, **2014**, 384, 545-55	40	285
293	Visual short-term memory deficits associated with GBA mutation and Parkinson's disease. *Brain*, **2014**, 137, 2303-11	11.2	63
292	Ambroxol improves lysosomal biochemistry in glucocerebrosidase mutation-linked Parkinson disease cells. *Brain*, **2014**, 137, 1481-95	11.2	201
291	Systemic exosomal siRNA delivery reduced alpha-synuclein aggregates in brains of transgenic mice. *Movement Disorders*, **2014**, 29, 1476-85	7	286
290	Patient-reported convenience of once-daily versus three-times-daily dosing during long-term studies of pramipexole in early and advanced Parkinson's disease. *European Journal of Neurology*, **2013**, 20, 50-6	6	18
289	Mitochondria and quality control defects in a mouse model of Gaucher disease--links to Parkinson's disease. *Cell Metabolism*, **2013**, 17, 941-953	24.6	228

288	Pramipexole reduces phosphorylation of -synuclein at serine-129. *Journal of Molecular Neuroscience*, **2013**, 51, 573-80	3.3	13
287	Calcium dysregulation in Parkinson's disease. *Brain*, **2013**, 136, 2015-6	11.2	31
286	Glucocerebrosidase mutations and the pathogenesis of Parkinson disease. *Annals of Medicine*, **2013**, 45, 511-21	1.5	88
285	Therapeutic prospects for Parkinson disease. *Annals of Neurology*, **2013**, 74, 337-47	9.4	99
284	Glucosylceramidase degradation in fibroblasts carrying bi-allelic Parkin mutations. *Molecular Genetics and Metabolism*, **2013**, 109, 402-3	3.7	5
283	Timing of deep brain stimulation in Parkinson disease: a need for reappraisal?. *Annals of Neurology*, **2013**, 73, 565-75	9.4	53
282	-Synuclein and mitochondrial dysfunction in Parkinson's disease. *Molecular Neurobiology*, **2013**, 47, 587-97	7.2	93
281	A novel -synuclein missense mutation in Parkinson disease. *Neurology*, **2013**, 80, 1062-4	6.5	340
280	Retinal thinning in Gaucher disease patients and carriers: results of a pilot study. *Molecular Genetics and Metabolism*, **2013**, 109, 221-3	3.7	24
279	Pramipexole in patients with early Parkinson's disease (PROUD): a randomised delayed-start trial. *Lancet Neurology, The*, **2013**, 12, 747-55	24.1	139
278	Mitofusin 1 and mitofusin 2 are ubiquitinated in a PINK1/parkin-dependent manner upon induction of mitophagy. *Human Molecular Genetics*, **2013**, 22, 1697-1697	5.6	4
277	Recent developments in biomarkers in Parkinson disease. *Current Opinion in Neurology*, **2013**, 26, 395-400	7.1	75
276	A pathway-based analysis provides additional support for an immune-related genetic susceptibility to Parkinson's disease. *Human Molecular Genetics*, **2013**, 22, 1039-49	5.6	96
275	Glucocerebrosidase in the pathogenesis and treatment of Parkinson disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 3214-5	11.5	45
274	A proposal for a comprehensive grading of Parkinson's disease severity combining motor and non-motor assessments: meeting an unmet need. *PLoS ONE*, **2013**, 8, e57221	3.7	73
273	Dopaminergic neuronal imaging in genetic Parkinson's disease: insights into pathogenesis. *PLoS ONE*, **2013**, 8, e69190	3.7	46
272	A randomized, double-blind, placebo-controlled trial of safinamide as add-on therapy in early Parkinson's disease patients. *Movement Disorders*, **2012**, 27, 106-12	7	87
271	Hyposmia and cognitive impairment in Gaucher disease patients and carriers. *Movement Disorders*, **2012**, 27, 526-32	7	80

270	Targeting mitochondria for neuroprotection in Parkinson's disease. *Antioxidants and Redox Signaling*, **2012**, 16, 965-73	8.4	42
269	Central role and mechanisms of β-cell dysfunction and death in friedreich ataxia-associated diabetes. *Annals of Neurology*, **2012**, 72, 971-82	9.4	60
268	Novel pathogenic mutations in the glucocerebrosidase locus. *Molecular Genetics and Metabolism*, **2012**, 106, 495-7	3.7	3
267	Mitochondrial dysfunction in glaucoma: understanding genetic influences. *Mitochondrion*, **2012**, 12, 202-12	4.9	64
266	Glucocerebrosidase deficiency in substantia nigra of parkinson disease brains. *Annals of Neurology*, **2012**, 72, 455-63	9.4	384
265	Creation of an open-access, mutation-defined fibroblast resource for neurological disease research. *PLoS ONE*, **2012**, 7, e43099	3.7	35
264	A clinical and family history study of Parkinson's disease in heterozygous glucocerebrosidase mutation carriers. *Journal of Neurology, Neurosurgery and Psychiatry*, **2012**, 83, 853-4	5.5	76
263	Mitochondrial diseases. *Lancet, The*, **2012**, 379, 1825-34	40	336
262	PRRT2 gene mutations: from paroxysmal dyskinesia to episodic ataxia and hemiplegic migraine. *Neurology*, **2012**, 79, 2115-21	6.5	132
261	G2019S leucine-rich repeat kinase 2 causes uncoupling protein-mediated mitochondrial depolarization. *Human Molecular Genetics*, **2012**, 21, 4201-13	5.6	128
260	Efficacy and safety of extended- versus immediate-release pramipexole in Japanese patients with advanced and L-dopa-undertreated Parkinson disease: a double-blind, randomized trial. *Clinical Neuropharmacology*, **2012**, 35, 174-81	1.4	29
259	Role of Mitochondria in Parkinson's Disease and Huntington's Disease. *Oxidative Stress and Disease*, **2012**, 415-431		
258	PINK1-parkin-dependent mitophagy involves ubiquitination of mitofusins 1 and 2: Implications for Parkinson disease pathogenesis. *Autophagy*, **2011**, 7, 243-5	10.2	66
257	Mitochondrial contribution to Parkinson's disease pathogenesis. *Parkinson's Disease*, **2011**, 2011, 159160	2.6	75
256	Journal Watch: Our panel of experts highlight the most important research articles across the spectrum of topics relevant to the field of neurodegenerative disease management. *Neurodegenerative Disease Management*, **2011**, 1, 441-443	2.8	
255	Priorities in Parkinson's disease research. *Nature Reviews Drug Discovery*, **2011**, 10, 377-93	64.1	317
254	Mitochondrial pathology in Parkinson's disease. *Mount Sinai Journal of Medicine*, **2011**, 78, 872-81		56
253	Aetiopathogenesis of Parkinson's disease. *Journal of Neurology*, **2011**, 258, S307-10	5.5	21

252	PREPARED: Comparison of prolonged and immediate release ropinirole in advanced Parkinson's disease. *Movement Disorders*, **2011**, 26, 1259-65	7	54
251	Monoamine oxidase B inhibitors for the treatment of Parkinson's disease: a review of symptomatic and potential disease-modifying effects. *CNS Drugs*, **2011**, 25, 1061-71	6.7	92
250	Extended-release pramipexole in advanced Parkinson disease: a randomized controlled trial. *Neurology*, **2011**, 77, 767-74	6.5	78
249	Missing pieces in the Parkinson's disease puzzle. *Nature Medicine*, **2010**, 16, 653-61	50.5	521
248	Mutant Parkin impairs mitochondrial function and morphology in human fibroblasts. *PLoS ONE*, **2010**, 5, e12962	3.7	104
247	Mitofusin 1 and mitofusin 2 are ubiquitinated in a PINK1/parkin-dependent manner upon induction of mitophagy. *Human Molecular Genetics*, **2010**, 19, 4861-70	5.6	680
246	Chaperone-mediated autophagy markers in Parkinson disease brains. *Archives of Neurology*, **2010**, 67, 1464-72		364
245	Future strategies for neuroprotection in Parkinson's disease. *Neurodegenerative Diseases*, **2010**, 7, 210-22	2.3	3
244	Safinamide in the treatment of Parkinson's disease. *Expert Opinion on Pharmacotherapy*, **2010**, 11, 2261-8	4	36
243	Molecular and clinical prodrome of Parkinson disease: implications for treatment. *Nature Reviews Neurology*, **2010**, 6, 309-17	15	132
242	Parkinsonism in patients with chronic hepatitis C treated with interferon-alpha2b: a report of two cases. *European Journal of Gastroenterology and Hepatology*, **2010**, 22, 628-31	2.2	9
241	Movement disorders: advances in cause and treatment. *Lancet Neurology, The*, **2010**, 9, 6-7	24.1	10
240	Analysis of the factors influencing the cardiac phenotype in Friedreich's ataxia. *Movement Disorders*, **2010**, 25, 846-52	7	29
239	The nondeclaration of nonmotor symptoms of Parkinson's disease to health care professionals: an international study using the nonmotor symptoms questionnaire. *Movement Disorders*, **2010**, 25, 704-9	7	266
238	Rationale for delayed-start study of pramipexole in Parkinson's disease: the PROUD study. *Movement Disorders*, **2010**, 25, 1627-32	7	34
237	Efficacy, safety, and tolerability of overnight switching from immediate- to once daily extended-release pramipexole in early Parkinson's disease. *Movement Disorders*, **2010**, 25, 2326-32	7	30
236	Randomized, double-blind, multicenter evaluation of pramipexole extended release once daily in early Parkinson's disease. *Movement Disorders*, **2010**, 25, 2542-9	7	69
235	Summary of GIGYF2 studies in Parkinson's disease: the burden of proof. *European Journal of Neurology*, **2010**, 17, 175-6	6	10

234	Molecular and clinical pathways to neuroprotection of dopaminergic drugs in Parkinson disease. *Neurology*, **2009**, 72, S44-50	6.5	55
233	Non-motor symptoms of Parkinson's disease: dopaminergic pathophysiology and treatment. *Lancet Neurology, The*, **2009**, 8, 464-74	24.1	1123
232	Analysis of mutant DNA polymerase gamma in patients with mitochondrial DNA depletion. *Human Mutation*, **2009**, 30, 248-54	4.7	46
231	Friedreich's ataxia impact scale: a new measure striving to provide the flexibility required by today's studies. *Movement Disorders*, **2009**, 24, 984-92	7	15
230	Relationship between alpha synuclein phosphorylation, proteasomal inhibition and cell death: relevance to Parkinson's disease pathogenesis. *Journal of Neurochemistry*, **2009**, 110, 1005-13	6	77
229	Early versus delayed initiation of entacapone in levodopa-treated patients with Parkinson's disease: a long-term, retrospective analysis. *European Journal of Neurology*, **2009**, 16, 1305-11	6	25
228	Perspectives on recent advances in the understanding and treatment of Parkinson's disease. *European Journal of Neurology*, **2009**, 16, 1090-9	6	53
227	Neurobiology and treatment of Parkinson's disease. *Trends in Pharmacological Sciences*, **2009**, 30, 41-7	13.2	168
226	Characterization of a novel TYMP splice site mutation associated with mitochondrial neurogastrointestinal encephalomyopathy (MNGIE). *Neuromuscular Disorders*, **2009**, 19, 151-4	2.9	24
225	Protection against paraquat and A53T alpha-synuclein toxicity by cabergoline is partially mediated by dopamine receptors. *Journal of the Neurological Sciences*, **2009**, 278, 44-53	3.2	16
224	Neuroprotection in Parkinson's disease. *Parkinsonism and Related Disorders*, **2009**, 15 Suppl 4, S41-3	3.6	12
223	Etiology and pathogenesis of Parkinson disease. *Neurologic Clinics*, **2009**, 27, 583-603, v	4.5	83
222	Silencing of PINK1 expression affects mitochondrial DNA and oxidative phosphorylation in dopaminergic cells. *PLoS ONE*, **2009**, 4, e4756	3.7	147
221	Etiopathogenesis and treatment of Parkinson's disease. *Current Topics in Medicinal Chemistry*, **2009**, 9, 860-8	3	18
220	Drug selection and timing of initiation of treatment in early Parkinson's disease. *Annals of Neurology*, **2008**, 64 Suppl 2, S47-55	9.4	25
219	Why have we failed to achieve neuroprotection in Parkinson's disease?. *Annals of Neurology*, **2008**, 64 Suppl 2, S101-10	9.4	89
218	Transient Horner's syndrome during lumbar epidural anaesthesia. *European Journal of Neurology*, **2008**, 15, 530-1	6	9
217	Hunting for genes in essential tremor. *European Journal of Neurology*, **2008**, 15, 889-90	6	30

216	Mitochondria in the aetiology and pathogenesis of Parkinson's disease. *Lancet Neurology, The*, **2008**, 7, 97-109	24.1	663
215	Rasagiline in neurodegeneration. *Experimental Neurology*, **2008**, 212, 255-7	5.7	9
214	Patterns of treatment for restless legs syndrome in primary care in the United Kingdom. *Clinical Therapeutics*, **2008**, 30, 405-18	3.5	3
213	MITOCHONDRIAL DNA AND DISEASE. *CONTINUUM Lifelong Learning in Neurology*, **2008**, 14, 133-148	3	
212	Mitochondrial dysfunction in neurodegenerative diseases. *Neurochemical Research*, **2008**, 33, 2502-9	4.6	54
211	The clinical relevance of levodopa toxicity in the treatment of Parkinson's disease. *Movement Disorders*, **2008**, 23 Suppl 3, S515-20	7	41
210	Phenotype, genotype, and worldwide genetic penetrance of LRRK2-associated Parkinson's disease: a case-control study. *Lancet Neurology, The*, **2008**, 7, 583-90	24.1	1075
209	Dopamine agonists in Parkinson's disease. *Expert Review of Neurotherapeutics*, **2008**, 8, 671-7	4.3	30
208	Timing the initiation of treatment in Parkinson's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, **2008**, 79, 615	5.5	5
207	Mitochondria in the etiology of Parkinson's disease. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2007**, 83, 479-91	3	7
206	Clinical correlates of mitochondrial function in Huntington's disease muscle. *Movement Disorders*, **2007**, 22, 1715-21	7	74
205	Prevalence of nonmotor symptoms in Parkinson's disease in an international setting; study using nonmotor symptoms questionnaire in 545 patients. *Movement Disorders*, **2007**, 22, 1623-9	7	375
204	The metric properties of a novel non-motor symptoms scale for Parkinson's disease: Results from an international pilot study. *Movement Disorders*, **2007**, 22, 1901-11	7	638
203	Future directions in the treatment of Parkinson's disease. *Movement Disorders*, **2007**, 22 Suppl 17, S385-91	7	24
202	Rotigotine transdermal patch in early Parkinson's disease: a randomized, double-blind, controlled study versus placebo and ropinirole. *Movement Disorders*, **2007**, 22, 2398-404	7	174
201	Relapsing neuropathy in an 18-year-old woman. *Lancet Neurology, The*, **2007**, 6, 192-8	24.1	4
200	Ropinirole 24-Hour Extended Release for Parkinson's Disease. *Aktuelle Neurologie*, **2007**, 34, 15-17		0
199	Treatment options in the modern management of Parkinson disease. *Archives of Neurology*, **2007**, 64, 1083-8		100

198	Role of the pharmacist in the effective management of wearing-off in Parkinson's disease. *Annals of Pharmacotherapy*, **2007**, 41, 1842-9	2.9	10
197	2.IS.1. New treatment possibilities with oral Levodopa (Novartis Pharma AG/Orion Corporation). *Parkinsonism and Related Disorders*, **2007**, 13, S144-S145	3.6	
196	Non-motor symptoms of Parkinson's disease: diagnosis and management. *Lancet Neurology, The*, **2006**, 5, 235-45	24.1	1757
195	TCH346 as a neuroprotective drug in Parkinson's disease: a double-blind, randomised, controlled trial. *Lancet Neurology, The*, **2006**, 5, 1013-20	24.1	144
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2	Treatment of Parkinson's Disease	40-62	
1	The PINK1 Parkin mitophagy signalling pathway is not functional in peripheral blood mononuclear cells		1