

# Anthony H V Schapira

## List of Publications by Year in descending order

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Version: 2024-02-01

410  
papers

46,755  
citations

2091

103  
h-index

2402

204  
g-index

428  
all docs

428  
docs citations

428  
times ranked

36990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-motor symptoms of Parkinson's disease: diagnosis and management. <i>Lancet Neurology</i> , The, 2006, 5, 235-245.	4.9	2,202
2	Mitochondrial Complex I Deficiency in Parkinson's Disease. <i>Journal of Neurochemistry</i> , 1990, 54, 823-827.	2.1	1,860
3	Non-motor symptoms of Parkinson's disease: dopaminergic pathophysiology and treatment. <i>Lancet Neurology</i> , The, 2009, 8, 464-474.	4.9	1,367
4	Phenotype, genotype, and worldwide genetic penetrance of LRRK2-associated Parkinson's disease: a case-control study. <i>Lancet Neurology</i> , The, 2008, 7, 583-590.	4.9	1,340
5	MITOCHONDRIAL COMPLEX I DEFICIENCY IN PARKINSON'S DISEASE. <i>Lancet</i> , The, 1989, 333, 1269.	6.3	1,248
6	Non-motor features of Parkinson disease. <i>Nature Reviews Neuroscience</i> , 2017, 18, 435-450.	4.9	1,182
7	Reversible inhibition of cytochrome c oxidase, the terminal enzyme of the mitochondrial respiratory chain, by nitric oxide. <i>FEBS Letters</i> , 1994, 345, 50-54.	1.3	1,109
8	International multicenter pilot study of the first comprehensive self-completed nonmotor symptoms questionnaire for Parkinson's disease: The NMSQuest study. <i>Movement Disorders</i> , 2006, 21, 916-923.	2.2	865
9	The metric properties of a novel non-motor symptoms scale for Parkinson's disease: Results from an international pilot study. <i>Movement Disorders</i> , 2007, 22, 1901-1911.	2.2	838
10	Mitofusin 1 and mitofusin 2 are ubiquitinated in a PINK1/parkin-dependent manner upon induction of mitophagy. <i>Human Molecular Genetics</i> , 2010, 19, 4861-4870.	1.4	795
11	Mitochondria in the aetiology and pathogenesis of Parkinson's disease. <i>Lancet Neurology</i> , The, 2008, 7, 97-109.	4.9	757
12	Mitochondrial defect in Huntington's disease caudate nucleus. <i>Annals of Neurology</i> , 1996, 39, 385-389.	2.8	690
13	Anatomic and Disease Specificity of NADH CoQ1Reductase (Complex I) Deficiency in Parkinson's Disease. <i>Journal of Neurochemistry</i> , 1990, 55, 2142-2145.	2.1	670
14	Missing pieces in the Parkinson's disease puzzle. <i>Nature Medicine</i> , 2010, 16, 653-661.	15.2	621
15	Mitochondrial disease. <i>Lancet</i> , The, 2006, 368, 70-82.	6.3	561
16	Oxidative stress as a cause of nigral cell death in Parkinson's disease and incidental lewy body disease. <i>Annals of Neurology</i> , 1992, 32, S82-S87.	2.8	475
17	Glucocerebrosidase deficiency in substantia nigra of parkinson disease brains. <i>Annals of Neurology</i> , 2012, 72, 455-463.	2.8	473
18	Prevalence of nonmotor symptoms in Parkinson's disease in an international setting; Study using nonmotor symptoms questionnaire in 545 patients. <i>Movement Disorders</i> , 2007, 22, 1623-1629.	2.2	461

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19	Debrisoquine hydroxylase gene polymorphism and susceptibility to Parkinson's disease. <i>Lancet, The</i> , 1992, 339, 1375-1377.	6.3	443
20	Chaperone-Mediated Autophagy Markers in Parkinson Disease Brains. <i>Archives of Neurology</i> , 2010, 67, 1464-72.	4.9	440
21	Biochemical abnormalities and excitotoxicity in Huntington's disease brain. <i>Annals of Neurology</i> , 1999, 45, 25-32.	2.8	439
22	Mitochondrial diseases. <i>Lancet, The</i> , 2012, 379, 1825-1834.	6.3	411
23	A novel $\alpha$ -synuclein missense mutation in Parkinson disease. <i>Neurology</i> , 2013, 80, 1062-1064.	1.5	396
24	Systemic exosomal siRNA delivery reduced alpha-synuclein aggregates in brains of transgenic mice. <i>Movement Disorders</i> , 2014, 29, 1476-1485.	2.2	384
25	Irreversible Inhibition of Mitochondrial Complex I by 1-Methyl-4-Phenylpyridinium: Evidence for Free Radical Involvement. <i>Journal of Neurochemistry</i> , 1992, 58, 786-789.	2.1	368
26	Priorities in Parkinson's disease research. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 377-393.	21.5	364
27	The nondeclaration of nonmotor symptoms of Parkinson's disease to health care professionals: An international study using the nonmotor symptoms questionnaire. <i>Movement Disorders</i> , 2010, 25, 704-709.	2.2	342
28	Platelet mitochondria function in Parkinson's disease. <i>Annals of Neurology</i> , 1992, 32, 782-788.	2.8	337
29	Deficit of in vivo mitochondrial ATP production in patients with Friedreich ataxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11492-11495.	3.3	337
30	Slowing of neurodegeneration in Parkinson's disease and Huntington's disease: future therapeutic perspectives. <i>Lancet, The</i> , 2014, 384, 545-555.	6.3	336
31	Indices of oxidative stress and mitochondrial function in individuals with incidental Lewy body disease. <i>Annals of Neurology</i> , 1994, 35, 38-44.	2.8	333
32	BRAIN, SKELETAL MUSCLE AND PLATELET HOMOGENATE MITOCHONDRIAL FUNCTION IN PARKINSON'S DISEASE. <i>Brain</i> , 1992, 115, 333-342.	3.7	332
33	Genetic and environmental factors in the cause of Parkinson's disease. <i>Annals of Neurology</i> , 2003, 53, S16-S25.	2.8	327
34	Excessive burden of lysosomal storage disorder gene variants in Parkinson's disease. <i>Brain</i> , 2017, 140, 3191-3203.	3.7	323
35	Analyses of mitochondrial respiratory chain function and mitochondrial DNA deletion in human skeletal muscle: Effect of ageing. <i>Journal of the Neurological Sciences</i> , 1992, 113, 91-98.	0.3	322
36	Mitochondrial respiratory chain disorders I: mitochondrial DNA defects. <i>Lancet, The</i> , 2000, 355, 299-304.	6.3	320

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37	Complex I Inhibitors Induce Dose-Dependent Apoptosis in PC12 Cells: Relevance to Parkinson's Disease. <i>Journal of Neurochemistry</i> , 1994, 63, 1987-1990.	2.1	318
38	Clinical, biochemical and molecular genetic correlations in Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2000, 9, 275-282.	1.4	312
39	Mitochondrial myopathies: Clinical and biochemical features of 30 patients with major deletions of muscle mitochondrial DNA. <i>Annals of Neurology</i> , 1989, 26, 699-708.	2.8	309
40	Mitochondrial DNA transmission of the mitochondrial defect in Parkinson's disease. <i>Annals of Neurology</i> , 1998, 44, 177-186.	2.8	301
41	Mitochondria and Quality Control Defects in a Mouse Model of Gaucher Disease—Links to Parkinson's Disease. <i>Cell Metabolism</i> , 2013, 17, 941-953.	7.2	277
42	New insights into the cause of Parkinson's disease. <i>Neurology</i> , 1992, 42, 2241-2241.	1.5	275
43	Mitochondrial involvement in Parkinson's disease, Huntington's disease, hereditary spastic paraplegia and Friedreich's ataxia. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999, 1410, 159-170.	0.5	271
44	Alterations in levels of iron, ferritin, and other trace metals in neurodegenerative diseases affecting the basal ganglia. <i>Annals of Neurology</i> , 1992, 32, S94-S100.	2.8	263
45	Novel pharmacological targets for the treatment of Parkinson's disease. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 845-854.	21.5	262
46	Neuroprotection in Parkinson Disease. <i>JAMA - Journal of the American Medical Association</i> , 2004, 291, 358.	3.8	258
47	Ambroxol improves lysosomal biochemistry in glucocerebrosidase mutation-linked Parkinson disease cells. <i>Brain</i> , 2014, 137, 1481-1495.	3.7	258
48	Mitochondria and degenerative disorders. <i>American Journal of Medical Genetics Part A</i> , 2001, 106, 27-36.	2.4	244
49	Complex I, Iron, and ferritin in Parkinson's disease substantia nigra. <i>Annals of Neurology</i> , 1994, 36, 876-881.	2.8	229
50	Rotigotine transdermal patch in early Parkinson's disease: A randomized, double-blind, controlled study versus placebo and ropinirole. <i>Movement Disorders</i> , 2007, 22, 2398-2404.	2.2	214
51	Ambroxol for the Treatment of Patients With Parkinson Disease With and Without Glucocerebrosidase Gene Mutations. <i>JAMA Neurology</i> , 2020, 77, 427.	4.5	213
52	Antioxidant Treatment of Patients With Friedreich Ataxia. <i>Archives of Neurology</i> , 2005, 62, 621.	4.9	211
53	Mitochondria in the etiology and pathogenesis of parkinson's disease. <i>Annals of Neurology</i> , 1998, 44, S89-98.	2.8	206
54	Evidence for mitochondrial dysfunction in Parkinson's disease—a critical appraisal. <i>Movement Disorders</i> , 2004, 9, 125-138.	2.2	199

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55	Neurobiology and treatment of Parkinson's disease. Trends in Pharmacological Sciences, 2009, 30, 41-47.	4.0	193
56	Continuous dopamine-receptor stimulation in early Parkinson's disease. Trends in Neurosciences, 2000, 23, S117-S126.	4.2	185
57	Glucocerebrosidase and Parkinson disease: Recent advances. Molecular and Cellular Neurosciences, 2015, 66, 37-42.	1.0	184
58	Mitochondrial and lysosomal biogenesis are activated following <sc>PINK</sc>1/parkin-mediated mitophagy. Journal of Neurochemistry, 2016, 136, 388-402.	2.1	184
59	Mitochondrial respiratory chain disorders II: neurodegenerative disorders and nuclear gene defects. Lancet, The, 2000, 355, 389-394.	6.3	183
60	Expression of mutant alpha-synuclein causes increased susceptibility to dopamine toxicity. Human Molecular Genetics, 2000, 9, 2683-2689.	1.4	182
61	Evolution of Prodromal Clinical Markers of Parkinson Disease in a <i>GBA</i> Mutation-Positive Cohort. JAMA Neurology, 2015, 72, 201.	4.5	180
62	Etiology of Parkinson's disease. Neurology, 2006, 66, S10-23.	1.5	179
63	Mitochondrial dysfunction in neurodegenerative disorders. Biochimica Et Biophysica Acta - Bioenergetics, 1998, 1366, 225-233.	0.5	178
64	Timing of treatment initiation in Parkinson's disease: A need for reappraisal?. Annals of Neurology, 2006, 59, 559-562.	2.8	178
65	Pramipexole in patients with early Parkinson's disease (PROUD): a randomised delayed-start trial. Lancet Neurology, The, 2013, 12, 747-755.	4.9	175
66	Silencing of PINK1 Expression Affects Mitochondrial DNA and Oxidative Phosphorylation in DOPAMINERGIC Cells. PLoS ONE, 2009, 4, e4756.	1.1	173
67	Autophagic lysosome reformation dysfunction in glucocerebrosidase deficient cells: relevance to Parkinson disease. Human Molecular Genetics, 2016, 25, 3432-3445.	1.4	171
68	Assessment of Safety and Efficacy of Safinamide as a Levodopa Adjunct in Patients With Parkinson Disease and Motor Fluctuations. JAMA Neurology, 2017, 74, 216.	4.5	171
69	Leber's Hereditary Optic Neuropathy (LHON) Pathogenic Mutations Induce Mitochondrial-dependent Apoptotic Death in Transmitochondrial Cells Incubated with Galactose Medium. Journal of Biological Chemistry, 2003, 278, 4145-4150.	1.6	169
70	Full length article. Brain Research, 1997, 777, 110-118.	1.1	167
71	TCH346 as a neuroprotective drug in Parkinson's disease: a double-blind, randomised, controlled trial. Lancet Neurology, The, 2006, 5, 1013-1020.	4.9	167
72	The relationship between glucocerebrosidase mutations and Parkinson disease. Journal of Neurochemistry, 2016, 139, 77-90.	2.1	167

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73	Molecular and clinical prodrome of Parkinson disease: implications for treatment. <i>Nature Reviews Neurology</i> , 2010, 6, 309-317.	4.9	166
74	Waking up to sleep episodes in Parkinson's Disease. <i>Movement Disorders</i> , 2000, 15, 212-215.	2.2	163
75	<i>PRRT2</i> gene mutations. <i>Neurology</i> , 2012, 79, 2115-2121.	1.5	159
76	Science, medicine, and the future: Parkinson's disease. <i>BMJ: British Medical Journal</i> , 1999, 318, 311-314.	2.4	151
77	Mitochondrial function, GSH and iron in neurodegeneration and Lewy body diseases. <i>Journal of the Neurological Sciences</i> , 1998, 158, 24-29.	0.3	147
78	G2019S leucine-rich repeat kinase 2 causes uncoupling protein-mediated mitochondrial depolarization. <i>Human Molecular Genetics</i> , 2012, 21, 4201-4213.	1.4	147
79	Sleep attacks (sleep episodes) with pergolide. <i>Lancet, The</i> , 2000, 355, 1332-1333.	6.3	146
80	Human complex I defects in neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1998, 1364, 261-270.	0.5	145
81	PINK1 disables the anti-fission machinery to segregate damaged mitochondria for mitophagy. <i>Journal of Cell Biology</i> , 2016, 213, 163-171.	2.3	145
82	Severe Impairment of Complex I-Driven Adenosine Triphosphate Synthesis in Leber Hereditary Optic Neuropathy Cybrids. <i>Archives of Neurology</i> , 2005, 62, 730.	4.9	144
83	Ambroxol effects in glucocerebrosidase and $\alpha$ -synuclein transgenic mice. <i>Annals of Neurology</i> , 2016, 80, 766-775.	2.8	143
84	Mutant Parkin Impairs Mitochondrial Function and Morphology in Human Fibroblasts. <i>PLoS ONE</i> , 2010, 5, e12962.	1.1	140
85	Cytochrome c Oxidase Deficiency Associated with the First Stop-Codon Point Mutation in Human mtDNA. <i>American Journal of Human Genetics</i> , 1998, 63, 29-36.	2.6	135
86	Parkinson disease-linked GBA mutation effects reversed by molecular chaperones in human cell and fly models. <i>Scientific Reports</i> , 2016, 6, 31380.	1.6	133
87	Oxidative Stress and Parkinson's Disease. <i>Annals of the New York Academy of Sciences</i> , 1996, 786, 217-223.	1.8	132
88	A Missense Mutation of Cytochrome Oxidase Subunit II Causes Defective Assembly and Myopathy. <i>American Journal of Human Genetics</i> , 1999, 65, 1030-1039.	2.6	131
89	Mitochondrial dysfunction and free radical damage in the Huntington R6/2 transgenic mouse. <i>Annals of Neurology</i> , 2000, 47, 80-6.	2.8	131
90	Oxidative-phosphorylation defects in liver of patients with Wilson's disease. <i>Lancet, The</i> , 2000, 356, 469-474.	6.3	130

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91	Why have we failed to achieve neuroprotection in Parkinson's disease?. <i>Annals of Neurology</i> , 2008, 64, S101-S110.	2.8	125
92	Mitochondrial function and parental sex effect in Huntington's disease. <i>Lancet, The</i> , 1990, 336, 749.	6.3	123
93	Cells Bearing Mutations Causing Leber's Hereditary Optic Neuropathy Are Sensitized to Fas-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 5810-5815.	1.6	122
94	Therapeutic prospects for Parkinson disease. <i>Annals of Neurology</i> , 2013, 74, 337-347.	2.8	122
95	A pathway-based analysis provides additional support for an immune-related genetic susceptibility to Parkinson's disease. <i>Human Molecular Genetics</i> , 2013, 22, 1039-1049.	1.4	122
96	Molecular Mechanisms in Mitochondrial DNA Depletion Syndrome. <i>Human Molecular Genetics</i> , 1997, 6, 935-942.	1.4	121
97	No evidence for substrate accumulation in Parkinson brains with <i>GBA</i> mutations. <i>Movement Disorders</i> , 2015, 30, 1085-1089.	2.2	121
98	Î±-Synuclein and Mitochondrial Dysfunction in Parkinson's Disease. <i>Molecular Neurobiology</i> , 2013, 47, 587-597.	1.9	120
99	Treatment Options in the Modern Management of Parkinson Disease. <i>Archives of Neurology</i> , 2007, 64, 1083.	4.9	116
100	Mitochondrial DNA analysis in Parkinson's disease. <i>Movement Disorders</i> , 1990, 5, 294-297.	2.2	112
101	Oxidative stress and mitochondrial dysfunction in neurodegeneration. <i>Current Opinion in Neurology</i> , 1996, 9, 260-264.	1.8	112
102	Monoamine Oxidase B Inhibitors for the Treatment of Parkinson's Disease. <i>CNS Drugs</i> , 2011, 25, 1061-1071.	2.7	111
103	Hyposmia and cognitive impairment in Gaucher disease patients and carriers. <i>Movement Disorders</i> , 2012, 27, 526-532.	2.2	108
104	Glucocerebrosidase 1 deficient <i>Danio rerio</i> mirror key pathological aspects of human Gaucher disease and provide evidence of early microglial activation preceding alpha-synuclein-independent neuronal cell death. <i>Human Molecular Genetics</i> , 2015, 24, 6640-6652.	1.4	108
105	Glucocerebrosidase mutations and the pathogenesis of Parkinson disease. <i>Annals of Medicine</i> , 2013, 45, 511-521.	1.5	107
106	Liver failure associated with mitochondrial DNA depletion. <i>Journal of Hepatology</i> , 1998, 28, 556-563.	1.8	106
107	Leber hereditary optic neuropathy mtDNA mutations disrupt glutamate transport in cybrid cell lines. <i>Brain</i> , 2004, 127, 2183-2192.	3.7	106
108	A randomized, double-blind, placebo-controlled trial of safinamide as add-on therapy in early Parkinson's disease patients. <i>Movement Disorders</i> , 2012, 27, 106-112.	2.2	106

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109	Etiology and Pathogenesis of Parkinson Disease. <i>Neurologic Clinics</i> , 2009, 27, 583-603.	0.8	105
110	Cyclosporin inhibition of apoptosis induced by mitochondrial complex I toxins. <i>Brain Research</i> , 1998, 809, 12-17.	1.1	102
111	A clinical and family history study of Parkinson's disease in heterozygous <i>glucocerebrosidase</i> mutation carriers. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 853-854.	0.9	99
112	The role of glucocerebrosidase in Parkinson disease pathogenesis. <i>FEBS Journal</i> , 2018, 285, 3591-3603.	2.2	99
113	Pramipexole protects against apoptotic cell death by non-dopaminergic mechanisms. <i>Journal of Neurochemistry</i> , 2004, 91, 1075-1081.	2.1	98
114	Extended-release pramipexole in advanced Parkinson disease. <i>Neurology</i> , 2011, 77, 767-774.	1.5	97
115	Mitochondrial function in Parkinson's disease. <i>Annals of Neurology</i> , 1992, 32, S116-S124.	2.8	96
116	Mitochondrial dysfunction associated with neuronal death following status epilepticus in rat. <i>Epilepsy Research</i> , 2002, 48, 157-168.	0.8	96
117	Mitochondrial Contribution to Parkinson's Disease Pathogenesis. <i>Parkinson's Disease</i> , 2011, 2011, 1-7.	0.6	95
118	A Proposal for a Comprehensive Grading of Parkinson's Disease Severity Combining Motor and Non-Motor Assessments: Meeting an Unmet Need. <i>PLoS ONE</i> , 2013, 8, e57221.	1.1	95
119	Nuclear complementation restores mtDNA levels in cultured cells from a patient with mtDNA depletion. <i>American Journal of Human Genetics</i> , 1993, 53, 663-9.	2.6	95
120	Cardiac energetics are abnormal in Friedreich ataxia patients in the absence of cardiac dysfunction and hypertrophy: An in vivo 31P magnetic resonance spectroscopy study. <i>Cardiovascular Research</i> , 2001, 52, 111-119.	1.8	93
121	In vivo skeletal muscle mitochondrial function in Leber's hereditary optic neuropathy assessed by 31P magnetic resonance spectroscopy. <i>Annals of Neurology</i> , 1997, 42, 573-579.	2.8	91
122	Distinct clinical and neuropathological features of G51D SNCA mutation cases compared with SNCA duplication and H50Q mutation. <i>Molecular Neurodegeneration</i> , 2015, 10, 41.	4.4	90
123	Non-motor outcomes depend on location of neurostimulation in Parkinson's disease. <i>Brain</i> , 2019, 142, 3592-3604.	3.7	90
124	Recent developments in biomarkers in Parkinson disease. <i>Current Opinion in Neurology</i> , 2013, 26, 395-400.	1.8	88
125	Relationship between alpha synuclein phosphorylation, proteasomal inhibition and cell death: relevance to Parkinson's disease pathogenesis. <i>Journal of Neurochemistry</i> , 2009, 110, 1005-1013.	2.1	87
126	Randomized, double-blind, multicenter evaluation of pramipexole extended release once daily in early Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 2542-2549.	2.2	87



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127	Oxidative stress in Parkinson's disease. <i>Neuropathology and Applied Neurobiology</i> , 1995, 21, 3-9.	1.8	86
128	Proteasomal inhibition causes loss of nigral tyrosine hydroxylase neurons. <i>Annals of Neurology</i> , 2006, 60, 253-255.	2.8	86
129	Genetic and clinical heterogeneity in paroxysmal kinesigenic dyskinesia: Evidence for a third EKD gene. <i>Movement Disorders</i> , 2002, 17, 717-725.	2.2	85
130	Mitochondrial dysfunction in glaucoma: Understanding genetic influences. <i>Mitochondrion</i> , 2012, 12, 202-212.	1.6	85
131	Restless Legs Syndrome. <i>Drugs</i> , 2004, 64, 149-158.	4.9	84
132	Central role and mechanisms of cell dysfunction and death in friedreich ataxia-associated diabetes. <i>Annals of Neurology</i> , 2012, 72, 971-982.	2.8	84
133	Pathogenic Mechanisms of Neurodegeneration in Parkinson Disease. <i>Neurologic Clinics</i> , 2015, 33, 1-17.	0.8	84
134	Oral ambroxol increases brain glucocerebrosidase activity in a nonhuman primate. <i>Synapse</i> , 2017, 71, e21967.	0.6	84
135	Clinical correlates of mitochondrial function in Huntington's disease muscle. <i>Movement Disorders</i> , 2007, 22, 1715-1721.	2.2	83
136	Glucocerebrosidase and Parkinson Disease: Molecular, Clinical, and Therapeutic Implications. <i>Neuroscientist</i> , 2018, 24, 540-559.	2.6	81
137	Quantitation of a mitochondrial DNA deletion in Parkinson's disease. <i>FEBS Letters</i> , 1992, 299, 218-222.	1.3	79
138	Mitochondrial dysfunction associated with glucocerebrosidase deficiency. <i>Neurobiology of Disease</i> , 2016, 90, 43-50.	2.1	79
139	Complex I function in familial and sporadic dystonia. <i>Annals of Neurology</i> , 1997, 41, 556-559.	2.8	78
140	End-of-dose Wearing Off in Parkinson Disease. <i>Clinical Neuropharmacology</i> , 2006, 29, 312-321.	0.2	78
141	Visual short-term memory deficits associated with GBA mutation and Parkinson's disease. <i>Brain</i> , 2014, 137, 2303-2311.	3.7	77
142	Platelet mitochondrial function in Leber's hereditary optic neuropathy. <i>Journal of the Neurological Sciences</i> , 1994, 122, 80-83.	0.3	76
143	PINK1-parkin-dependent mitophagy involves ubiquitination of mitofusins 1 and 2: Implications for Parkinson disease pathogenesis. <i>Autophagy</i> , 2011, 7, 243-245.	4.3	75
144	Neuroprotection and dopamine agonists. <i>Neurology</i> , 2002, 58, S9-18.	1.5	75

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145	Iron induced oxidative stress and mitochondrial dysfunction: relevance to Parkinson's disease. Brain Research, 1993, 627, 349-353.	1.1	74
146	Smoking and mitochondrial function: a model for environmental toxins. QJM - Monthly Journal of the Association of Physicians, 1993, 86, 657-660.	0.2	74
147	Mitochondrial DNA (mtDNA) diseases: correlation of genotype to phenotype. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1995, 1271, 135-140.	1.8	74
148	The influence of nuclear background on the biochemical expression of 3460 Leber's hereditary optic neuropathy. Annals of Neurology, 1998, 44, 187-193.	2.8	74
149	Molecular changes in the postmortem parkinsonian brain. Journal of Neurochemistry, 2016, 139, 27-58.	2.1	74
150	Effects of ambroxol on the autophagy-lysosome pathway and mitochondria in primary cortical neurons. Scientific Reports, 2018, 8, 1385.	1.6	74
151	Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP. Experimental Eye Research, 2014, 122, 50-53.	1.2	73
152	Glucocerebrosidase mutations and synucleinopathies: Toward a model of precision medicine. Movement Disorders, 2019, 34, 9-21.	2.2	73
153	Molecular defects of NADH-ubiquinone oxidoreductase (Complex I) in mitochondrial diseases. Journal of Bioenergetics and Biomembranes, 1988, 20, 365-382.	1.0	72
154	A new family with paroxysmal exercise induced dystonia and migraine: a clinical and genetic study. Journal of Neurology, Neurosurgery and Psychiatry, 2000, 68, 609-614.	0.9	72
155	Successful outcome of progressive multifocal leukoencephalopathy with cytarabine and interferon. Annals of Neurology, 1993, 33, 407-411.	2.8	71
156	Friedreich's Ataxia: From Disease Mechanisms to Therapeutic Interventions. Antioxidants and Redox Signaling, 2006, 8, 438-443.	2.5	71
157	Mitochondrial Pathology in Parkinson's Disease. Mount Sinai Journal of Medicine, 2011, 78, 872-881.	1.9	69
158	PREPARED: Comparison of prolonged and immediate release ropinirole in advanced Parkinson's disease. Movement Disorders, 2011, 26, 1259-1265.	2.2	69
159	International cooperative ataxia rating scale (ICARS): Appropriate for studies of Friedreich's ataxia?. Movement Disorders, 2005, 20, 1585-1591.	2.2	68
160	The genetics of Parkinson's disease. British Medical Bulletin, 2015, 114, 39-52.	2.7	68
161	The Role of Functional Dopamine-Transporter SPECT Imaging in Parkinsonian Syndromes, Part 1. American Journal of Neuroradiology, 2015, 36, 229-235.	1.2	68
162	Timing of deep brain stimulation in Parkinson disease: A need for reappraisal?. Annals of Neurology, 2013, 73, 565-575.	2.8	67

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163	MOLECULAR BASIS OF MITOCHONDRIAL MYOPATHIES: POLYPEPTIDE ANALYSIS IN COMPLEX-1 DEFICIENCY. <i>Lancet, The</i> , 1988, 331, 500-503.	6.3	66
164	Mitochondrial respiratory chain function in multiple system atrophy. <i>Movement Disorders</i> , 1997, 12, 418-422.	2.2	65
165	Neuroprotection for Parkinson's disease: Prospects and promises. <i>Annals of Neurology</i> , 2003, 53, S1-S2.	2.8	65
166	Disease modification in Parkinson's disease. <i>Lancet Neurology, The</i> , 2004, 3, 362-368.	4.9	65
167	Mitochondrial Dysfunction in Neurodegenerative Diseases. <i>Neurochemical Research</i> , 2008, 33, 2502-2509.	1.6	65
168	The H50Q Mutation Induces a 10-fold Decrease in the Solubility of $\alpha$ -Synuclein. <i>Journal of Biological Chemistry</i> , 2015, 290, 2395-2404.	1.6	65
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