

Gaucher disease with parkinsonian manifestations: does it contribute to a vulnerability to parkinsonism?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Aberrant Phosphorylation of α -Synuclein in Human Niemann-Pick Type C1 Disease. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2004, 63, 323-328.	0.9	88
2	Parkinsonism among Gaucher disease carriers. <i>Journal of Medical Genetics</i> , 2004, 41, 937-940.	1.5	320
3	Glucocerebrosidase mutations in subjects with parkinsonism. <i>Molecular Genetics and Metabolism</i> , 2004, 81, 70-73.	0.5	353
4	Neuropathology provides clues to the pathophysiology of Gaucher disease. <i>Molecular Genetics and Metabolism</i> , 2004, 82, 192-207.	0.5	405
5	Global gene expression in a type 2 Gaucher disease brain. <i>Molecular Genetics and Metabolism</i> , 2004, 83, 288-296.	0.5	17
6	Gaucher disease: complexity in a "simple" disorder. <i>Molecular Genetics and Metabolism</i> , 2004, 83, 6-15.	0.5	350
7	Therapeutic goals in the treatment of Gaucher disease. <i>Seminars in Hematology</i> , 2004, 41, 4-14.	1.8	418
8	Pilot association study of the β -glucocerebrosidase N370S allele and Parkinson's disease in subjects of Jewish ethnicity. <i>Movement Disorders</i> , 2005, 20, 100-103.	2.2	93
9	Divergent phenotypes in Gaucher disease implicate the role of modifiers. <i>Journal of Medical Genetics</i> , 2005, 42, e37-e37.	1.5	100
10	Neurological Manifestations in Lysosomal Storage Disorders - From Pathology to First Therapeutic Possibilities. <i>Neuropediatrics</i> , 2005, 36, 285-289.	0.3	31
11	Gaucher disease and parkinsonism. <i>Molecular Genetics and Metabolism</i> , 2005, 84, 302-304.	0.5	75
12	Glucocerebrosidase mutations are an important risk factor for Lewy body disorders. <i>Neurology</i> , 2006, 67, 908-910.	1.5	204
14	Increased incidence of Parkinson disease among relatives of patients with Gaucher disease. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 36, 426-428.	0.6	118
15	Glucocerebrosidase mutations are not found in association with LRRK2 G2019S in subjects with parkinsonism. <i>Neuroscience Letters</i> , 2006, 404, 163-165.	1.0	14
16	A questionnaire study for 128 patients with Gaucher disease. <i>Clinical Genetics</i> , 2006, 69, 209-217.	1.0	18
17	Heterozygosity for a Mendelian disorder as a risk factor for complex disease. <i>Clinical Genetics</i> , 2006, 70, 275-282.	1.0	53
18	Primate segmental duplications: crucibles of evolution, diversity and disease. <i>Nature Reviews Genetics</i> , 2006, 7, 552-564.	7.7	498
19	Glucosylceramide transfer from lysosomes—the missing link in molecular pathology of glucosylceramidase deficiency: A hypothesis based on existing data. <i>Journal of Inherited Metabolic Disease</i> , 2006, 29, 707-715.	1.7	39

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20	Glucocerebrosidase mutations are also found in subjects with early-onset parkinsonism from Venezuela. <i>Movement Disorders</i> , 2006, 21, 282-283.	2.2	64
21	Self-stimulatory behavior associated with deep brain stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2006, 21, 283-285.	2.2	34
22	Glucocerebrosidase gene mutations and Parkinson disease in the Norwegian population. <i>Neurology</i> , 2006, 66, 415-417.	1.5	96
23	Gaucher Disease and the Synucleinopathies. <i>Journal of Biomedicine and Biotechnology</i> , 2006, 2006, 1-6.	3.0	45
24	Mutations in the glucocerebrosidase gene are associated with early-onset Parkinson disease. <i>Neurology</i> , 2007, 69, 1270-1277.	1.5	226
25	Therapeutic Goals in the Treatment of Gaucher Disease. , 2007, , 345-370.		0
26	Chapter 8 ±Synuclein and Synucleinopathies. <i>Blue Books of Neurology</i> , 2007, 30, 186-215.	0.1	4
27	Glucocerebrosidase mutations in Chinese subjects from Taiwan with sporadic Parkinson disease. <i>Molecular Genetics and Metabolism</i> , 2007, 91, 195-200.	0.5	111
28	Lysosomal Storage Disorders. , 2007, , .		12
29	Treating Neurodegeneration by Modifying Mitochondria: Potential Solutions to a "Complex" Problem. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1591-1604.	2.5	68
30	Parkinsonism and dystonia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2007, 84, 507-529.	1.0	1
31	Dopaminergic neuronal dysfunction associated with parkinsonism in both a Gaucher disease patient and a carrier. <i>Journal of the Neurological Sciences</i> , 2007, 252, 181-184.	0.3	33
32	Therapy Insight: inborn errors of metabolism in adult neurology—a clinical approach focused on treatable diseases. <i>Nature Clinical Practice Neurology</i> , 2007, 3, 279-290.	2.7	45
33	Altered intracellular redox status in Gaucher disease fibroblasts and impairment of adaptive response against oxidative stress. <i>Journal of Cellular Physiology</i> , 2007, 212, 223-235.	2.0	42
34	Movement and mood disorder in two brothers with Gaucher disease. <i>Clinical Genetics</i> , 2007, 72, 357-361.	1.0	10
35	"Non-neuronopathic" Gaucher disease reconsidered. Prevalence of neurological manifestations in a Dutch cohort of type I Gaucher disease patients and a systematic review of the literature. <i>Journal of Inherited Metabolic Disease</i> , 2008, 31, 337-349.	1.7	79
36	Movement disorders and inborn errors of metabolism in adults: A diagnostic approach. <i>Journal of Inherited Metabolic Disease</i> , 2008, 31, 308-318.	1.7	79
37	Glucocerebrosidase gene mutations are associated with Parkinson's disease in southern Italy. <i>Movement Disorders</i> , 2008, 23, 460-463.	2.2	83

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39	Treating patients with Gaucher disease and parkinsonism: Misrepresentation in a title. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 81-82.	1.1	3
40	Association between Parkinson's disease and glucocerebrosidase mutations in Brazil. <i>Parkinsonism and Related Disorders</i> , 2008, 14, 58-62.	1.1	62
41	Glucocerebrosidase Gene Mutations. <i>Archives of Neurology</i> , 2008, 65, 379-82.	4.9	188
42	The Spectrum of Parkinsonian Manifestations Associated With Glucocerebrosidase Mutations. <i>Archives of Neurology</i> , 2008, 65, 1353-7.	4.9	170
43	Genotype-phenotype correlations between <i>GBA</i> mutations and Parkinson disease risk and onset. <i>Neurology</i> , 2008, 70, 2277-2283.	1.5	334
44	Progress in the pathogenesis and genetics of Parkinson's disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2215-2227.	1.8	63
45	A new severity score index for phenotypic classification and evaluation of responses to treatment in type I Gaucher disease. <i>Haematologica</i> , 2008, 93, 1211-1218.	1.7	55
47	Glucocerebrosidase mutations in clinical and pathologically proven Parkinson's disease. <i>Brain</i> , 2009, 132, 1783-1794.	3.7	612
48	MUTATIONS IN <i>GBA</i> ARE ASSOCIATED WITH FAMILIAL PARKINSON DISEASE SUSCEPTIBILITY AND AGE AT ONSET. <i>Neurology</i> , 2009, 73, 1424-1426.	1.5	142
49	The Expanding Role of Genetics in the Lewy Body Diseases. <i>Archives of Neurology</i> , 2009, 66, 555-6.	4.9	5
50	Cerebrospinal fluid β -glucocerebrosidase activity is reduced in Dementia with Lewy Bodies. <i>Neurobiology of Disease</i> , 2009, 34, 484-486.	2.1	61
51	No Lewy pathology in monkeys with over 10 years of severe MPTP Parkinsonism. <i>Movement Disorders</i> , 2009, 24, 1519-1523.	2.2	72
52	The association between mutations in the lysosomal protein glucocerebrosidase and parkinsonism. <i>Movement Disorders</i> , 2009, 24, 1571-1578.	2.2	71
53	Parkinsonism in Gaucher's disease type 1: Ten new cases and a review of the literature. <i>Movement Disorders</i> , 2009, 24, 1524-1530.	2.2	28
54	Bell's palsy preceding Parkinson's disease: A case-control study. <i>Movement Disorders</i> , 2009, 24, 1530-1533.	2.2	1
55	Vertical optokinetic nystagmus in Parkinson's disease. <i>Movement Disorders</i> , 2009, 24, 1533-1538.	2.2	4
56	Deep brain stimulation in dystonia: Sonographic monitoring of electrode placement into the globus pallidus internus. <i>Movement Disorders</i> , 2009, 24, 1538-1541.	2.2	22
57	Tremor on smiling. <i>Movement Disorders</i> , 2009, 24, 1542-1545.	2.2	9

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58	Pathogenic cascades in lysosomal disease—Why so complex?. <i>Journal of Inherited Metabolic Disease</i> , 2009, 32, 181-189.	1.7	115
59	Glucocerebrosidase: an evolutionary advantage for patients with Gaucher disease and a new immunomodulatory agent. <i>Immunology and Cell Biology</i> , 2009, 87, 514-524.	1.0	30
60	Multicenter Analysis of Glucocerebrosidase Mutations in Parkinson's Disease. <i>New England Journal of Medicine</i> , 2009, 361, 1651-1661.	13.9	1,747
61	Mutations in <i>GBA</i> are associated with familial Parkinson disease susceptibility and age at onset. <i>Neurology</i> , 2009, 72, 310-316.	1.5	215
62	Complete screening for glucocerebrosidase mutations in Parkinson disease patients from Greece. <i>Neuroscience Letters</i> , 2009, 452, 87-89.	1.0	94
63	Alpha-synuclein-glucocerebrosidase interactions in pharmacological Gaucher models: A biological link between Gaucher disease and parkinsonism. <i>NeuroToxicology</i> , 2009, 30, 1127-1132.	1.4	164
65	Glucocerebrosidase as a genetic modifier influencing susceptibility and phenotype of Parkinson's disease. <i>Future Neurology</i> , 2010, 5, 189-193.	0.9	0
66	Microarray analysis of differentially expressed genes in vaginal tissues in postmenopausal women. The role of stress urinary incontinence. <i>International Urogynecology Journal</i> , 2010, 21, 1545-1551.	0.7	5
67	Glucocerebrosidase is present in α -synuclein inclusions in Lewy body disorders. <i>Acta Neuropathologica</i> , 2010, 120, 641-649.	3.9	169
68	Glucocerebrosidase mutations p.L444P and p.N370S are not associated with multisystem atrophy, progressive supranuclear palsy and corticobasal degeneration in Polish patients. <i>Journal of Neurology</i> , 2010, 257, 459-460.	1.8	24
69	Deregulated Sphingolipid Metabolism and Membrane Organization in Neurodegenerative Disorders. <i>Molecular Neurobiology</i> , 2010, 41, 314-340.	1.9	117
70	The Role of Glucocerebrosidase Mutations in Parkinson Disease and Lewy Body Disorders. <i>Current Neurology and Neuroscience Reports</i> , 2010, 10, 190-198.	2.0	131
71	The risk of Parkinson's disease in type 1 Gaucher disease. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 167-173.	1.7	182
72	The neurological manifestations of Gaucher disease type 1: the French Observatoire on Gaucher disease (FROC). <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 331-338.	1.7	63
73	Transient amantadine-induced musical hallucinations in a patient with Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 1505-1506.	2.2	12
74	Gaucher disease ascertained through a Parkinson's center: Imaging and clinical characterization. <i>Movement Disorders</i> , 2010, 25, 1364-1372.	2.2	77
75	Atypical parkinsonism with apraxia and supranuclear gaze abnormalities in type 1 Gaucher disease. Expanding the spectrum: Case report and literature review. <i>Movement Disorders</i> , 2010, 25, 1506-1509.	2.2	21
76	Rare and serious cardiac side effects during ropinirole titration. <i>Movement Disorders</i> , 2010, 25, 1509-1510.	2.2	8

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77	Valproate-induced reversible hemichorea. <i>Movement Disorders</i> , 2010, 25, 1511-1512.	2.2	15
78	Facial tic associated with lamotrigine in adults. <i>Movement Disorders</i> , 2010, 25, 1512-1513.	2.2	10
79	Primary progressive freezing gait in a patient with CO-induced parkinsonism. <i>Movement Disorders</i> , 2010, 25, 1513-1515.	2.2	14
80	Multiple system atrophy and colon inertia. <i>Movement Disorders</i> , 2010, 25, 1515-1516.	2.2	0
81	Multiple system atrophy presenting with low rectal compliance and bowel pain. <i>Movement Disorders</i> , 2010, 25, 1516-1518.	2.2	3
82	Changes in apraxia after deep brain stimulation of the nucleus basalis Meynert in a patient with Parkinson dementia syndrome. <i>Movement Disorders</i> , 2010, 25, 1519-1520.	2.2	43
83	Congenital mirror movements in Parkinson's disease: Clinical and neurophysiological observations. <i>Movement Disorders</i> , 2010, 25, 1520-1523.	2.2	6
84	Parkinsonism and cognitive decline in a fragile X mosaic male. <i>Movement Disorders</i> , 2010, 25, 1523-1524.	2.2	12
85	Olfactory dysfunction in Japanese patients with idiopathic REM sleep behavior disorder: Comparison of data using the university of Pennsylvania smell identification test and odor stick identification test for Japanese. <i>Movement Disorders</i> , 2010, 25, 1524-1526.	2.2	11
86	Functional brain imaging in glucocerebrosidase mutation carriers with and without Parkinsonism. <i>Movement Disorders</i> , 2010, 25, 1823-1829.	2.2	42
87	Interaction between parkin and mutant glucocerebrosidase variants: a possible link between Parkinson disease and Gaucher disease. <i>Human Molecular Genetics</i> , 2010, 19, 3771-3781.	1.4	93
88	Association between GBA L444P mutation and sporadic Parkinson's disease from Mainland China. <i>Neuroscience Letters</i> , 2010, 469, 256-259.	1.0	56
90	Gaucher Disease Glucocerebrosidase and α -Synuclein Form a Bidirectional Pathogenic Loop in Synucleinopathies. <i>Cell</i> , 2011, 146, 37-52.	13.5	1,097
91	Characterization of the ERAD process of the L444P mutant glucocerebrosidase variant. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 46, 4-10.	0.6	91
92	Accumulation and distribution of α -synuclein and ubiquitin in the CNS of Gaucher disease mouse models. <i>Molecular Genetics and Metabolism</i> , 2011, 102, 436-447.	0.5	130
93	Glucocerebrosidase mutations do not cause increased Lewy body pathology in Parkinson's disease. <i>Molecular Genetics and Metabolism</i> , 2011, 103, 410-412.	0.5	40
94	Aggregation of α -synuclein in brain samples from subjects with glucocerebrosidase mutations. <i>Molecular Genetics and Metabolism</i> , 2011, 104, 185-188.	0.5	67
97	Prevalence and management of Gaucher disease. <i>Pediatric Health, Medicine and Therapeutics</i> , 2011, , 59.	0.7	3

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98	Neurological manifestations in patients with Gaucher disease and their relatives, it is just a coincidence?. Journal of Inherited Metabolic Disease, 2011, 34, 781-787.	1.7	17
99	Decades of delayed diagnosis in 4 levodopa-responsive young-onset monogenetic parkinsonism patients. Movement Disorders, 2011, 26, 1337-1340.	2.2	4
100	Thalamic neuronal and EMG activity in psychogenic dystonia compared with organic dystonia. Movement Disorders, 2011, 26, 1348-1352.	2.2	18
101	Osteopontin polymorphic susceptibility factor for Parkinson's disease among patients with Gaucher disease. Movement Disorders, 2011, 26, 1341-1343.	2.2	6
102	Pupillary unrest correlates with arousal symptoms and motor signs in Parkinson disease. Movement Disorders, 2011, 26, 1344-1347.	2.2	17
103	Lysosomal storage disorders and Parkinson's disease: Gaucher disease and beyond. Movement Disorders, 2011, 26, 1593-1604.	2.2	141
104	Pathological looping in the synucleinopathies: investigating the link between Parkinson's disease and Gaucher disease. DMM Disease Models and Mechanisms, 2011, 4, 713-715.	1.2	13
105	A Twelve-Year Follow-Up Study on a Case of Early-Onset Parkinsonism Preceding Clinical Manifestation of Gaucher Disease. JIMD Reports, 2011, 3, 53-57.	0.7	4
106	Î±-Synuclein Interacts with Glucocerebrosidase Providing a Molecular Link between Parkinson and Gaucher Diseases. Journal of Biological Chemistry, 2011, 286, 28080-28088.	1.6	160
107	CNS expression of glucocerebrosidase corrects Î±-synuclein pathology and memory in a mouse model of Gaucher-related synucleinopathy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12101-12106.	3.3	282
108	The link between the GBA gene and parkinsonism. Lancet Neurology, The, 2012, 11, 986-998.	4.9	475
109	Mutant GBA1 Expression and Synucleinopathy Risk: First Insights from Cellular and Mouse Models. Neurodegenerative Diseases, 2012, 10, 195-202.	0.8	26
110	Glucocerebrosidase gene variants in parkinsonian patients with Machado Joseph/spinocerebellar ataxia 3. Parkinsonism and Related Disorders, 2012, 18, 185-190.	1.1	17
111	Association of mutations in the glucocerebrosidase gene with Parkinson disease in a Korean population. Neuroscience Letters, 2012, 514, 12-15.	1.0	49
112	Genetics and Epigenetics of Parkinson's Disease. Scientific World Journal, The, 2012, 2012, 1-12.	0.8	148
113	Glucocerebrosidase Involvement in Parkinson Disease and Other Synucleinopathies. Frontiers in Neurology, 2012, 3, 65.	1.1	15
114	The neuropathology of genetic Parkinson's disease. Movement Disorders, 2012, 27, 831-842.	2.2	229
115	The genetics and neuropathology of Parkinson's disease. Acta Neuropathologica, 2012, 124, 325-338.	3.9	281

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116	Molecular pathogenesis of Parkinson's disease: update. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 430-436.	0.9	69
117	The Association Between α -Glucocerebrosidase Mutations and Parkinsonism. Current Neurology and Neuroscience Reports, 2013, 13, 368.	2.0	32
118	Mitochondria and Quality Control Defects in a Mouse Model of Gaucher Diseaseâ€™Links to Parkinsonâ€™s Disease. Cell Metabolism, 2013, 17, 941-953.	7.2	277
120	Sphingolipids in Disease. Handbook of Experimental Pharmacology, 2013, , .	0.9	7
121	Clinical, genetic, and brain sonographic features related to Parkinsonâ€™s disease in Gaucher disease. Journal of Neurology, 2013, 260, 2523-2531.	1.8	16
122	Increased incidence of Parkinsonism among Chinese with β -glucosidase mutation in central Taiwan.		

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137	Development of targeted therapies for Parkinson's disease and related synucleinopathies. <i>Journal of Lipid Research</i> , 2014, 55, 1996-2003.	2.0	17
138	Recent advances in Parkinson's disease genetics. <i>Journal of Neurology</i> , 2014, 261, 259-266.	1.8	65
139	Advances in the Genetics of Parkinson's Disease: A Guide for the Clinician. <i>Movement Disorders Clinical Practice</i> , 2014, 1, 3-13.	0.8	17
140	Glucocerebrosidase is shaking up the synucleinopathies. <i>Brain</i> , 2014, 137, 1304-1322.	3.7	128
141	±-Synuclein rs356219 polymorphisms in patients with Gaucher disease and Parkinson disease. <i>Neuroscience Letters</i> , 2014, 580, 104-107.	1.0	2
142	Modelling Gaucher disease progression: long-term enzyme replacement therapy reduces the incidence of splenectomy and bone complications. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 112.	1.2	34
143	Arylsulphatase A activity in familial parkinsonism: a pathogenetic role?. <i>Journal of Neurology</i> , 2014, 261, 1803-1809.	1.8	8
144	The significance of <i>GBA</i> for Parkinson's disease. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 643-648.	1.7	36
145	Studies of glucocerebrosidase provide new therapeutic targets for parkinsonism. <i>Future Neurology</i> , 2014, 9, 407-409.	0.9	0
146	Sphingolipid lysosomal storage disorders. <i>Nature</i> , 2014, 510, 68-75.	13.7	270
147	Multiple pathogenic proteins implicated in neuronopathic Gaucher disease mice. <i>Human Molecular Genetics</i> , 2014, 23, 3943-3957.	1.4	79
148	Gaucher Disease. , 2015, , 301-311.		0
149	Genetics Underlying Atypical Parkinsonism and Related Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24629-24655.	1.8	21
150	Gene-Wise Association of Variants in Four Lysosomal Storage Disorder Genes in Neuropathologically Confirmed Lewy Body Disease. <i>PLoS ONE</i> , 2015, 10, e0125204.	1.1	52
151	GBA mutations are associated with Rapid Eye Movement Sleep Behavior Disorder. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 941-945.	1.7	117
152	Fluorescence-Quenched Substrates for Live Cell Imaging of Human Glucocerebrosidase Activity. <i>Journal of the American Chemical Society</i> , 2015, 137, 1181-1189.	6.6	59
153	Progress in unraveling the genetic etiology of Parkinson disease in a genomic era. <i>Trends in Genetics</i> , 2015, 31, 140-149.	2.9	193
154	Genetics of Parkinson's Disease. , 2015, , 19-34.		3

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155	Sustained Systemic Glucocerebrosidase Inhibition Induces Brain α -Synuclein Aggregation, Microglia and Complement C1q Activation in Mice. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 550-564.	2.5	118
156	Gaucher-Associated Parkinsonism. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 755-761.	1.7	22
157	Understanding and managing parkinsonism in patients with glucocerebrosidase mutations. <i>Expert Opinion on Orphan Drugs</i> , 2015, 3, 549-562.	0.5	1
159	Glucocerebrosidase deficiency accelerates the accumulation of proteinase K-resistant α -synuclein and aggravates neurodegeneration in a <i>Drosophila</i> model of Parkinson's disease. <i>Human Molecular Genetics</i> , 2015, 24, 6675-6686.	1.4	81
160	Impact of glucocerebrosidase mutations on motor and nonmotor complications in Parkinson's disease. <i>Neurobiology of Aging</i> , 2015, 36, 3306-3313.	1.5	89
161	Genotype-Phenotype Correlations in Parkinson Disease. , 2015, , 259-285.		1
162	The emergence of Parkinson disease among patients with Gaucher disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015, 29, 249-259.	2.2	12
164	Nomenclature of genetic movement disorders: Recommendations of the international Parkinson and movement disorder society task force. <i>Movement Disorders</i> , 2016, 31, 436-457.	2.2	228
165	The relationship between glucocerebrosidase mutations and Parkinson disease. <i>Journal of Neurochemistry</i> , 2016, 139, 77-90.	2.1	167
166	Clinical studies of <i>GBA1</i> -associated parkinsonism: progress and challenges. <i>Neurodegenerative Disease Management</i> , 2016, 6, 1-4.	1.2	4
167	Clinical course and prognosis in patients with Gaucher disease and parkinsonism. <i>Neurology: Genetics</i> , 2016, 2, e57.	0.9	29
168	Progress and potential of non-inhibitory small molecule chaperones for the treatment of Gaucher disease and its implications for Parkinson disease. <i>Expert Review of Proteomics</i> , 2016, 13, 471-479.	1.3	51
169	Neuronopathic Gaucher Disease. <i>Journal of Pediatric Biochemistry</i> , 2016, 06, 039-045.	0.2	0
170	The contribution of mutant <i>GBA1</i> to the development of Parkinson disease in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2016, 25, ddw129.	1.4	60
171	The Lysosome as a Regulatory Hub. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 223-253.	4.0	412
172	Parkinson's disease: acid α -glucocerebrosidase activity and alpha-synuclein clearance. <i>Journal of Neurochemistry</i> , 2016, 139, 198-215.	2.1	59
173	Genetics in Parkinson disease: Mendelian versus non-Mendelian inheritance. <i>Journal of Neurochemistry</i> , 2016, 139, 59-74.	2.1	390
174	How can <i>rAAV</i> - α -synuclein and the fibril α -synuclein models advance our understanding of Parkinson's disease?. <i>Journal of Neurochemistry</i> , 2016, 139, 131-155.	2.1	84

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175	Glycobiology of Human Milk in Health and Disease. , 2016, , 233-250.		0
176	Lysosomal trafficking defects link Parkinson's disease with Gaucher's disease. Movement Disorders, 2016, 31, 1610-1618.	2.2	47
177	A New Glucocerebrosidase Chaperone Reduces α -Synuclein and Glycolipid Levels in iPSC-Derived Dopaminergic Neurons from Patients with Gaucher Disease and Parkinsonism. Journal of Neuroscience, 2016, 36, 7441-7452.	1.7	189
178	The Link Between Lysosomal Storage Disorders and More Common Diseases. FIRE Forum for International Research in Education, 2016, 4, 232640981668276.	0.7	7
179	Lysosomal Dysfunction and α -Synuclein Aggregation in Parkinson's Disease: Diagnostic Links. Movement Disorders, 2016, 31, 791-801.	2.2	125
180	Compounds of the sphingomyelin-ceramide-glycosphingolipid pathways as secondary messenger molecules: new targets for novel therapies for fatty liver disease and insulin resistance. American Journal of Physiology - Renal Physiology, 2016, 310, G1102-G1117.	1.6	53
181	GBA Mutations Are Associated With Earlier Onset and Male Sex in Dementia With Lewy Bodies. Movement Disorders, 2016, 31, 1066-1070.	2.2	34
182	The glucagon-like peptide 1 (GLP) receptor as a therapeutic target in Parkinson's disease: mechanisms of action. Drug Discovery Today, 2016, 21, 802-818.	3.2	247
183	What lysosomes actually tell us about Parkinson's disease?. Ageing Research Reviews, 2016, 32, 140-149.	5.0	19
184	From rare to common and back again: 60years of lysosomal dysfunction. Molecular Genetics and Metabolism, 2016, 117, 53-65.	0.5	17
186	Genetics of Parkinson's Disease. International Review of Neurobiology, 2017, 132, 197-231.	0.9	76
187	Genetic Identification in Early Onset Parkinsonism among Norwegian Patients. Movement Disorders Clinical Practice, 2017, 4, 499-508.	0.8	25
188	Heterozygote galactocerebrosidase (GALC) mutants have reduced remyelination and impaired myelin debris clearance following demyelinating injury. Human Molecular Genetics, 2017, 26, 2825-2837.	1.4	27
189	Discovery, validation and optimization of cerebrospinal fluid biomarkers for use in Parkinson's disease. Expert Review of Molecular Diagnostics, 2017, 17, 771-780.	1.5	23
190	Insights into the structural biology of Gaucher disease. Experimental Neurology, 2017, 298, 180-190.	2.0	55
191	Neuropathology of genetic synucleinopathies with parkinsonism: Review of the literature. Movement Disorders, 2017, 32, 1504-1523.	2.2	229
192	Parkinson's Disease: Basic Pathomechanisms and a Clinical Overview. Advances in Neurobiology, 2017, 15, 55-92.	1.3	2
193	Connecting Gaucher and Parkinson Disease: Considerations for Clinical and Research Genetic Counseling Settings. Journal of Genetic Counseling, 2017, 26, 1165-1172.	0.9	7

#	ARTICLE	IF	CITATIONS
194	Gaucher disease: Progress and ongoing challenges. <i>Molecular Genetics and Metabolism</i> , 2017, 120, 8-21.	0.5	112
195	Excessive burden of lysosomal storage disorder gene variants in Parkinson's disease. <i>Brain</i> , 2017, 140, 3191-3203.	3.7	323
196	Recent advances in the diagnosis and management of Gaucher disease. <i>Expert Review of Endocrinology and Metabolism</i> , 2018, 13, 107-118.	1.2	78
197	Features of GBA-associated Parkinson's disease at presentation in the UK Tracking Parkinson's study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 702-709.	0.9	103
198	Alpha-synucleinopathies. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 145, 339-353.	1.0	50
199	Pathological role of lipid interaction with α -synuclein in Parkinson's disease. <i>Neurochemistry International</i> , 2018, 119, 97-106.	1.9	53
200	Type I Gaucher disease with bullous pemphigoid and Parkinson disease. <i>Medicine (United States)</i> , 2018, 97, e0188.	0.4	2
201	Classifying the additional morbidities of Gaucher disease. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 68, 209-210.	0.6	2
202	Glucocerebrosidase mutations and parkinsonism: how much does the mutation matter?. <i>Journal of Xiangya Medicine</i> , 0, 3, 1-1.	0.2	3
203	Parkinsonism in Inherited Metabolic Disorders: Key Considerations and Major Features. <i>Frontiers in Neurology</i> , 2018, 9, 857.	1.1	15
204	High-frequency actionable pathogenic exome variants in an average-risk cohort. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a003178.	0.5	23
205	Corticobasal syndrome in a man with Gaucher disease type 1: Expansion of the understanding of the neurological spectrum. <i>Molecular Genetics and Metabolism Reports</i> , 2018, 17, 69-72.	0.4	4
206	Self-report data as a tool for subtype identification in genetically-defined Parkinson's Disease. <i>Scientific Reports</i> , 2018, 8, 12992.	1.6	12
207	Common and Founder Mutations for Monogenic Traits in Sub-Saharan African Populations. <i>Annual Review of Genomics and Human Genetics</i> , 2018, 19, 149-175.	2.5	9
208	Fluorescence-Quenched Substrates for Quantitative Live Cell Imaging of Glucocerebrosidase Activity. <i>Methods in Enzymology</i> , 2018, 598, 199-215.	0.4	5
209	Computational modelling approaches as a potential platform to understand the molecular genetics association between Parkinson's and Gaucher diseases. <i>Metabolic Brain Disease</i> , 2018, 33, 1835-1847.	1.4	31
210	α -Synuclein accumulation and GBA deficiency due to L444P GBA mutation contributes to MPTP-induced parkinsonism. <i>Molecular Neurodegeneration</i> , 2018, 13, 1.	4.4	143
211	Dermal fibroblasts from patients with Parkinson's disease have normal GCase activity and autophagy compared to patients with PD and GBA mutations. <i>F1000Research</i> , 2017, 6, 1751.	0.8	8

#	ARTICLE	IF	CITATIONS
212	The motor and cognitive features of Parkinson's disease in patients with concurrent Gaucher disease over 2 years: a case series. <i>Journal of Neurology</i> , 2018, 265, 1789-1794.	1.8	11
213	Lysosome biogenesis in health and disease. <i>Journal of Neurochemistry</i> , 2019, 148, 573-589.	2.1	97
214	Lipids as Trans-Acting Effectors for α -Synuclein in the Pathogenesis of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 693.	1.4	15
215	Trends in Glycolipid Biomarker Discovery in Neurodegenerative Disorders by Mass Spectrometry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1140, 703-729.	0.8	13
216	Reduced sphingolipid hydrolase activities, substrate accumulation and ganglioside decline in Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2019, 14, 40.	4.4	100
217	The Overcrowded Crossroads: Mitochondria, Alpha-Synuclein, and the Endo-Lysosomal System Interaction in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5312.	1.8	78
218	Glucocerebrosidase and its relevance to Parkinson disease. <i>Molecular Neurodegeneration</i> , 2019, 14, 36.	4.4	197
219	Insights into GBA Parkinson's disease pathology and therapy with induced pluripotent stem cell model systems. <i>Neurobiology of Disease</i> , 2019, 127, 1-12.	2.1	13
220	Viral delivery of a microRNA to Gba to the mouse central nervous system models neuronopathic Gaucher disease. <i>Neurobiology of Disease</i> , 2019, 130, 104513.	2.1	9
221	GBA, Gaucher Disease, and Parkinson's Disease: From Genetic to Clinic to New Therapeutic Approaches. <i>Cells</i> , 2019, 8, 364.	1.8	187
222	Emerging therapies in Parkinson disease – repurposed drugs and new approaches. <i>Nature Reviews Neurology</i> , 2019, 15, 204-223.	4.9	189
223	Lysosomal enzyme activities as possible CSF biomarkers of synucleinopathies. <i>Clinica Chimica Acta</i> , 2019, 495, 13-24.	0.5	18
224	Genetic mimics of the non-genetic atypical parkinsonian disorders – the "atypical" atypical. <i>International Review of Neurobiology</i> , 2019, 149, 327-351.	0.9	8
225	Autophagic and endo-lysosomal dysfunction in neurodegenerative disease. <i>Molecular Brain</i> , 2019, 12, 100.	1.3	122
226	Novel Small Molecule Shows Promise in Familial Form of Parkinson's Disease. <i>Neurology Today: an Official Publication of the American Academy of Neurology</i> , 2019, 19, 18-19.	0.0	0
227	Path mediation analysis reveals GBA impacts Lewy body disease status by increasing α -synuclein levels. <i>Neurobiology of Disease</i> , 2019, 121, 205-213.	2.1	43
228	Single-Cell Sequencing of iPSC-Dopamine Neurons Reconstructs Disease Progression and Identifies HDAC4 as a Regulator of Parkinson Cell Phenotypes. <i>Cell Stem Cell</i> , 2019, 24, 93-106.e6.	5.2	123
229	Neurochemical abnormalities in patients with type 1 Gaucher disease on standard of care therapy. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 564-573.	1.7	4

#	ARTICLE	IF	CITATIONS
230	Parkinsonâ€™s Disease and Fabry Disease: Clinical, Biochemical and Neuroimaging Analysis of Three Pedigrees. <i>Journal of Parkinson's Disease</i> , 2020, 10, 141-152.	1.5	14
231	Clinical Evaluation of Sibling Pairs With Gaucher Disease Discordant for Parkinsonism. <i>Movement Disorders</i> , 2020, 35, 359-365.	2.2	10
232	Parkinsonâ€™s disease in Gaucher disease patients: whatâ€™s changing in the counseling and management of patients and their relatives?. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 262.	1.2	3
233	Value of Glucosylsphingosine (Lyso-Gb1) as a Biomarker in Gaucher Disease: A Systematic Literature Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7159.	1.8	56
234	Cell type-specific lipid storage changes in Parkinsonâ€™s disease patient brains are recapitulated by experimental glycolipid disturbance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27646-27654.	3.3	59
235	Glycosphingolipids and neuroinflammation in Parkinsonâ€™s disease. <i>Molecular Neurodegeneration</i> , 2020, 15, 59.	4.4	78
236	Trends in Glucocerebrosides Research: A Systematic Review. <i>Frontiers in Physiology</i> , 2020, 11, 558090.	1.3	2
237	Neurodegeneration and Inflammationâ€”An Interesting Interplay in Parkinsonâ€™s Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8421.	1.8	160
238	Human breast milk as source of sphingolipids for newborns: comparison with infant formulas and commercial cowâ€™s milk. <i>Journal of Translational Medicine</i> , 2020, 18, 481.	1.8	18
239	Genetic perspective on the synergistic connection between vesicular transport, lysosomal and mitochondrial pathways associated with Parkinsonâ€™s disease pathogenesis. <i>Acta Neuropathologica Communications</i> , 2020, 8, 63.	2.4	45
240	Mutated ATP10B increases Parkinsonâ€™s disease risk by compromising lysosomal glucosylceramide export. <i>Acta Neuropathologica</i> , 2020, 139, 1001-1024.	3.9	46
241	Enhancing the Activity of Glucocerebrosidase as a Treatment for Parkinson Disease. <i>CNS Drugs</i> , 2020, 34, 915-923.	2.7	14
242	Lysosome and Inflammatory Defects in <i>GBA1</i> â€™Mutant Astrocytes Are Normalized by LRRK2 Inhibition. <i>Movement Disorders</i> , 2020, 35, 760-773.	2.2	79
243	Lysosomal Ceramide Metabolism Disorders: Implications in Parkinsonâ€™s Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 594.	1.0	31
244	Glucocerebrosidase as a therapeutic target for Parkinsonâ€™s disease. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 287-294.	1.5	19
245	The biochemical basis of interactions between Glucocerebrosidase and alphaâ€™synuclein in <i>GBA1</i> mutation carriers. <i>Journal of Neurochemistry</i> , 2020, 154, 11-24.	2.1	10
246	Pathways of protein synthesis and degradation in PD pathogenesis. <i>Progress in Brain Research</i> , 2020, 252, 217-270.	0.9	5
247	Cross-talks among GBA mutations, glucocerebrosidase, and α -synuclein in GBA-associated Parkinsonâ€™s disease and their targeted therapeutic approaches: a comprehensive review. <i>Translational Neurodegeneration</i> , 2021, 10, 4.	3.6	48

#	ARTICLE	IF	CITATIONS
248	Cytokines and Gaucher Biomarkers in Glucocerebrosidase Carriers with and Without Parkinson Disease. <i>Movement Disorders</i> , 2021, 36, 1451-1455.	2.2	17
249	Therapeutic Potential of β -S Evolvability for Neuropathic Gaucher Disease. <i>Biomolecules</i> , 2021, 11, 289.	1.8	4
250	Novel targeted therapies for Parkinson's disease. <i>Molecular Medicine</i> , 2021, 27, 17.	1.9	54
251	Defective Lysosomal Lipid Catabolism as a Common Pathogenic Mechanism for Dementia. <i>NeuroMolecular Medicine</i> , 2021, 23, 1-24.	1.8	9
252	Complement cascade functions during brain development and neurodegeneration. <i>FEBS Journal</i> , 2022, 289, 2085-2109.	2.2	19
253	Murine Models of Lysosomal Storage Diseases Exhibit Differences in Brain Protein Aggregation and Neuroinflammation. <i>Biomedicines</i> , 2021, 9, 446.	1.4	12
255	Impact of Gba2 on neuronopathic Gaucher's disease and β -synuclein accumulation in medaka (<i>Oryzias latipes</i>) Tj ETQ00 0 0 rgBT /Overlock	1.3	3
256	"Janus-Faced" β -Synuclein: Role in Parkinson's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673395.	1.8	8
257	Longitudinal clinical, cognitive, and neuroanatomical changes over 5 years in GBA-positive Parkinson's disease patients. <i>Journal of Neurology</i> , 2022, 269, 1485-1500.	1.8	24
259	Glucocerebrosidase dysfunction in neurodegenerative disease. <i>Essays in Biochemistry</i> , 2021, 65, 873-883.	2.1	4
260	A novel glucosylceramide synthase inhibitor attenuates alpha synuclein pathology and lysosomal dysfunction in preclinical models of synucleinopathy. <i>Neurobiology of Disease</i> , 2021, 159, 105507.	2.1	14
261	Complexity of Genotype-Phenotype Correlations in Mendelian Disorders: Lessons from Gaucher Disease. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2015, , 69-90.	0.6	5
262	Modeling of Human Parkinson's Disease in Fly. , 2019, , 279-310.		1
263	Altered lipid metabolic homeostasis in the pathogenesis of Alzheimer's disease. , 2020, , 469-504.		5
264	Nonneoplastic Histiocytic Proliferations of Lymph Nodes and Bone Marrow. , 2011, , 801-810.		1
265	Lysosomal diseases. , 2008, , 515-599.		2
266	Dermal fibroblasts from patients with Parkinson's disease have normal GCase activity and autophagy compared to patients with PD and GBA mutations. <i>F1000Research</i> , 2017, 6, 1751.	0.8	8
267	Pathological Mechanisms and Clinical Aspects of GBA1 Mutation-Associated Parkinson's Disease. , 0, , 45-64.		5

#	ARTICLE	IF	CITATIONS
268	Clinical and Dopamine Transporter Imaging Trajectories in a Cohort of Parkinson's Disease Patients with <sc>GBA</sc> Mutations. <i>Movement Disorders</i> , 2022, 37, 106-118.	2.2	13
269	The remote assessment of parkinsonism supporting the ongoing development of interventions in Gaucher disease. <i>Neurodegenerative Disease Management</i> , 2021, 11, 451-458.	1.2	7
270	Iron Overload in Gaucher Cells and Bone Marrow that Is Not Associated with Hemochromatosis Gene Mutations C282Y and H63D in a Patient Having Coexistent Gaucher and Parkinsonâ€™s Disease. <i>Hungarian Medical Journal</i> , 2007, 1, 371-374.	0.0	0
271	CFS Biomarkers in Parkinsonâ€™s Disease. , 0, , .		0
272	Role of Lysosomal Enzymes in Parkinsonâ€™s Disease: Lesson from Gaucherâ€™s Disease. , 0, , .		0
273	Advances in the Genetics of Human Tremor. , 2013, , 53-78.		0
275	Genetics of Atypical Parkinsonism. , 2015, , 35-64.		0
278	Linking glucocerebrosidase gene (GBA) variants and Parkinson's disease. , 2020, , 67-81.		1
279	Gaucher diseaseâ€™ neuronopathic forms. , 2020, , 439-449.		0
280	Gaucher disease: insights from a rare Mendelian disorder. <i>Discovery Medicine</i> , 2012, 14, 273-81.	0.5	80
281	Glycosphingolipids. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 61-102.	0.8	11
282	LRRK2, GBA and their interaction in the regulation of autophagy: implications on therapeutics in Parkinson's disease. <i>Translational Neurodegeneration</i> , 2022, 11, 5.	3.6	21
283	Impaired Sphingolipid Hydrolase Activities in Dementia with Lewy Bodies and Multiple System Atrophy. <i>Molecular Neurobiology</i> , 2022, 59, 2277-2287.	1.9	7
284	Screening, patient identification, evaluation, and treatment in patients with Gaucher disease: Results from a Delphi consensus. <i>Molecular Genetics and Metabolism</i> , 2022, 135, 154-162.	0.5	10
285	Glucocerebrosidase Mutations Cause Mitochondrial and Lysosomal Dysfunction in Parkinsonâ€™s Disease: Pathogenesis and Therapeutic Implications. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 851135.	1.7	7
286	Recombinant pro-CTSD (cathepsin D) enhances SNCA/Î±-Synuclein degradation in Î±-Synucleinopathy models. <i>Autophagy</i> , 2022, 18, 1127-1151.	4.3	20
287	GBA Variants and Parkinson Disease: Mechanisms and Treatments. <i>Cells</i> , 2022, 11, 1261.	1.8	61
288	Parkinson's disease and the spectrum of Lewy body disease. , 0, , 10-26.		0

#	ARTICLE	IF	CITATIONS
289	Synucleinopathies. , 2014, , 149-175.		0
291	Lipid pathway dysfunction is prevalent in patients with Parkinsonâ€™s disease. Brain, 2022, 145, 3472-3487.	3.7	25
292	Neuropathological Features of Gaucher Disease and Gaucher Disease with Parkinsonism. International Journal of Molecular Sciences, 2022, 23, 5842.	1.8	8
293	Glucocerebrosidase mutations and Parkinson disease. Journal of Neural Transmission, 2022, 129, 1105-1117.	1.4	19
294	Genetic variations in GBA1 and LRRK2 genes: Biochemical and clinical consequences in Parkinson disease. Frontiers in Neurology, 0, 13, .	1.1	7
295	Neurodegeneration and inflammation crosstalk: Therapeutic targets and perspectives. IBRO Neuroscience Reports, 2023, 14, 95-110.	0.7	7
296	Mechanisms of Glucocerebrosidase Dysfunction in Parkinsonâ€™s Disease. Journal of Molecular Biology, 2023, 435, 168023.	2.0	7
297	Genetic Evidence for Endolysosomal Dysfunction in Parkinsonâ€™s Disease: A Critical Overview. International Journal of Molecular Sciences, 2023, 24, 6338.	1.8	2
304	Advances in the Genetics of Human Tremor. Contemporary Clinical Neuroscience, 2023, , 43-74.	0.3	0