

Beta-propeller protein-associated neurodegeneration: a with brain iron accumulation

Brain

136, 1708-1717

DOI: [10.1093/brain/awt095](https://doi.org/10.1093/brain/awt095)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pathophysiology and Treatment of Neurodegeneration With Brain Iron Accumulation in the Pediatric Population. <i>Current Treatment Options in Neurology</i> , 2013, 15, 652-667.	0.7	13
2	Newly Characterized Forms of Neurodegeneration with Brain Iron Accumulation. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 413.	2.0	14
3	Brain iron takes off: a new propeller protein links neurodegeneration with autophagy. <i>Brain</i> , 2013, 136, 1687-1691.	3.7	18
4	BPAN. <i>International Review of Neurobiology</i> , 2013, 110, 85-90.	0.9	41
5	Neurodegeneration with brain iron accumulation: update on pathogenic mechanisms. <i>Frontiers in Pharmacology</i> , 2014, 5, 99.	1.6	141
6	Basal Ganglia Calcification in a Patient With Beta-Propeller Protein-Associated Neurodegeneration. <i>Pediatric Neurology</i> , 2014, 51, 843-845.	1.0	17
7	A novel WDR45 mutation in a patient with static encephalopathy of childhood with neurodegeneration in adulthood (SENDA). <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 2388-2390.	0.7	16
8	Novel mutation of the <i>WDR45</i> gene causing beta-propeller protein-associated neurodegeneration. <i>Movement Disorders</i> , 2014, 29, 574-575.	2.2	34
9	Early manifestations of BPAN in a pediatric patient. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 3095-3099.	0.7	30
10	The role of iron in brain ageing and neurodegenerative disorders. <i>Lancet Neurology</i> , The, 2014, 13, 1045-1060.	4.9	1,250
11	Beta-propeller protein-associated neurodegeneration (BPAN), a rare form of NBIA: Novel mutations and neuropsychiatric phenotype in three adult patients. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 332-336.	1.1	42
12	Autophagy and human diseases. <i>Cell Research</i> , 2014, 24, 69-79.	5.7	708
13	De novo WDR45 mutation in a patient showing clinically Rett syndrome with childhood iron deposition in brain. <i>Journal of Human Genetics</i> , 2014, 59, 292-295.	1.1	49
14	Brain iron quantification by MRI in mitochondrial membrane protein-associated neurodegeneration under iron-chelating therapy. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 1041-1046.	1.7	23
15	Epileptic spasms: a previously unreported manifestation of <i>WDR45</i> gene mutation. <i>Epileptic Disorders</i> , 2015, 17, 467-472.	0.7	11
16	Eye of the Tiger Sign and Very Late Onset in Dentatorubral-Pallidoluysian Atrophy. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 313-315.	0.8	2
17	<i>WDR45</i> Mutation in Atypical Rett Syndrome with Brain Iron Accumulation. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 81-83.	0.8	2
18	<i>WDR73</i> Mutations Cause Infantile Neurodegeneration and Variable Glomerular Kidney Disease. <i>Human Mutation</i> , 2015, 36, 1021-1028.	1.1	42

#	ARTICLE	IF	CITATIONS
19	Stereotypic Hand Movements in Î²â€Propeller Proteinâ€Associated Neurodegeneration: First Video Report. <i>Movement Disorders Clinical Practice</i> , 2015, 2, 190-191.	0.8	10
20	A field guide to current advances in paediatric movement disorders. <i>Current Opinion in Neurology</i> , 2015, 28, 437-446.	1.8	10
21	Neurodegeneration with Brain Iron Accumulation: Diagnosis and Management. <i>Journal of Movement Disorders</i> , 2015, 8, 1-13.	0.7	169
22	Neurodegeneration with Brain Iron Accumulation. , 2015, , 463-472.		0
23	Non-Parkinsonian Movement Disorders. , 2015, , 869-890.		1
24	WIPI-Mediated Autophagy and Longevity. <i>Cells</i> , 2015, 4, 202-217.	1.8	38
25	The Utility of Next-Generation Sequencing in Gene Discovery for Mutation-Negative Patients with Rett Syndrome. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 266.	1.8	10
26	TECPR2 Associated Neuroaxonal Dystrophy in Spanish Water Dogs. <i>PLoS ONE</i> , 2015, 10, e0141824.	1.1	25
27	Neurodegeneration with Brain Iron Accumulation: Clinicoradiological Approach to Diagnosis. <i>Journal of Neuroimaging</i> , 2015, 25, 539-551.	1.0	37
28	The autophagy gene <i>Wdr45/Wipi4</i> regulates learning and memory function and axonal homeostasis. <i>Autophagy</i> , 2015, 11, 881-890.	4.3	109
29	Update in Neurodegeneration with Brain Iron Accumulation: Advances in Molecular Diagnosis and Treatment Strategies. <i>Journal of Pediatric Neurology</i> , 2015, 13, 155-167.	0.0	1
30	WIPI proteins: essential PtdIns3<i>P</i> effectors at the nascent autophagosome. <i>Journal of Cell Science</i> , 2015, 128, 207-17.	1.2	214
31	Analysis of the C19orf12 and WDR45 genes in patients with neurodegeneration with brain iron accumulation. <i>Journal of the Neurological Sciences</i> , 2015, 349, 105-109.	0.3	24
32	Fluorescence-based imaging of autophagy progression by human WIPI protein detection. <i>Methods</i> , 2015, 75, 69-78.	1.9	17
33	High frequency of beta-propeller protein-associated neurodegeneration (BPAN) among patients with intellectual disability and young-onset parkinsonism. <i>Neurobiology of Aging</i> , 2015, 36, 2004.e9-2004.e15.	1.5	34
34	Neurodegeneration with Brain Iron Accumulation: Genetic Diversity and Pathophysiological Mechanisms. <i>Annual Review of Genomics and Human Genetics</i> , 2015, 16, 257-279.	2.5	195
36	Novel WDR45 Mutation and Pathognomonic BPAN Imaging in a Young Female With Mild Cognitive Delay. <i>Pediatrics</i> , 2015, 136, e714-e717.	1.0	25
37	Neuropathology of Beta-propeller protein associated neurodegeneration (BPAN): a new tauopathy. <i>Acta Neuropathologica Communications</i> , 2015, 3, 39.	2.4	37

#	ARTICLE	IF	CITATIONS
38	Wilson Disease and Other Neurodegenerations with Metal Accumulations. <i>Neurologic Clinics</i> , 2015, 33, 175-204.	0.8	76
39	Niemann-Pickâ€™s disease type B and brain iron accumulation. <i>Case Reports in Clinical Pathology</i> , 2016, 4, 62.	0.0	1
41	A diagnostic approach for neurodegeneration with brain iron accumulation: clinical features, genetics and brain imaging. <i>Arquivos De Neuro-Psiquiatria</i> , 2016, 74, 587-596.	0.3	39
42	Aging-Related Diseases and Autophagy. , 2016, , .		0
43	<scp>N</scp>omenclature of genetic movement disorders: <scp>R</scp>ecommendations of the international <scp>P</scp>arkinson and movement disorder society task force. <i>Movement Disorders</i> , 2016, 31, 436-457.	2.2	228
44	WDR45 mutations in three male patients with West syndrome. <i>Journal of Human Genetics</i> , 2016, 61, 653-661.	1.1	39
46	Movement disorders in mitochondrial diseases. <i>Revue Neurologique</i> , 2016, 172, 524-529.	0.6	53
47	Elevation of neuron specific enolase and brain iron deposition on susceptibilityâ€™weighted imaging as diagnostic clues for betaâ€™propeller proteinâ€™associated neurodegeneration in early childhood: Additional case report and review of the literature. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 322-328.	0.7	23
48	Inherited Metabolic Disorders with Associated Movement Abnormalities. , 2016, , 337-407.		5
49	Review: Insights into molecular mechanisms of disease in neurodegeneration with brain iron accumulation: unifying theories. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 220-241.	1.8	114
51	X-exome sequencing of 405 unresolved families identifies seven novel intellectual disability genes. <i>Molecular Psychiatry</i> , 2016, 21, 133-148.	4.1	243
52	WDR45 mutations in Rett (-like) syndrome and developmental delay: Case report and an appraisal of the literature. <i>Molecular and Cellular Probes</i> , 2016, 30, 44-49.	0.9	45
53	Beta Propellar Protein-Associated Neurodegeneration: A Rare Cause of Infantile Autistic Regression and Intracranial Calcification. <i>Neuropediatrics</i> , 2016, 47, 123-127.	0.3	27
54	Autophagy in Neurodegenerative Diseases and Metal Neurotoxicity. <i>Neurochemical Research</i> , 2016, 41, 409-422.	1.6	90
55	Congenital disorders of autophagy: an emerging novel class of inborn errors of neuro-metabolism. <i>Brain</i> , 2016, 139, 317-337.	3.7	126
56	Neurodegeneration with Brain Iron Accumulation. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 9.	2.0	43
57	Lessons from a pair of siblings with BPAN. <i>European Journal of Human Genetics</i> , 2016, 24, 1080-1083.	1.4	26
58	Early-onset epileptic encephalopathy as the initial clinical presentation of WDR45 deletion in a male patient. <i>European Journal of Human Genetics</i> , 2016, 24, 615-618.	1.4	32

#	ARTICLE	IF	CITATIONS
59	Neurodegenerations with Brain Iron Accumulation. <i>Parkinsonism and Related Disorders</i> , 2016, 22, S21-S25.	1.1	25
60	A novel WDR45 mutation in a patient with β -propeller protein-associated neurodegeneration. <i>Neurology: Genetics</i> , 2017, 3, e124.	0.9	9
61	Japanese WDR45 de novo mutation diagnosed by exome analysis: A case report. <i>Neurology and Clinical Neuroscience</i> , 2017, 5, 131-133.	0.2	2
62	Intragenic deletion of the <i>WDR45</i> gene in a male with encephalopathy, severe psychomotor disability, and epilepsy. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 1444-1446.	0.7	10
63	Mitochondrial membrane protein-associated neurodegeneration. <i>Parkinsonism and Related Disorders</i> , 2017, 39, 1-3.	1.1	11
64	LRRK2 and Autophagy. <i>Advances in Neurobiology</i> , 2017, 14, 89-105.	1.3	54
65	Novel WDR45 mutation causing beta-propeller protein associated neurodegeneration (BPAN) in two monozygotic twins. <i>Journal of Neurology</i> , 2017, 264, 1020-1022.	1.8	11
66	Asim K. Bag, Lázaro Luís Faria do Amaral. , 0, , 1-2.		0
67	Radiological Findings of Two Sisters with Aceruloplasminemia Presenting with Chorea. <i>Clinical Neuroradiology</i> , 2017, 27, 385-388.	1.0	10
68	Evolution and novel radiological changes of neurodegeneration associated with mutations in <i>C19orf12</i> . <i>Parkinsonism and Related Disorders</i> , 2017, 39, 71-76.	1.1	22
70	Early manifestations of epileptic encephalopathy, brain atrophy, and elevation of serum neuron specific enolase in a boy with beta-propeller protein-associated neurodegeneration. <i>European Journal of Medical Genetics</i> , 2017, 60, 521-526.	0.7	14
71	Iron in neurodegenerative disorders: being in the wrong place at the wrong time?. <i>Reviews in the Neurosciences</i> , 2017, 28, 893-911.	1.4	38
72	Further Clinical Delineation of the MEF2C Haploinsufficiency Syndrome: Report on New Cases and Literature Review of Severe Neurodevelopmental Disorders Presenting with Seizures, Absent Speech, and Involuntary Movements. <i>Journal of Pediatric Genetics</i> , 2017, 06, 129-141.	0.3	38
73	Epileptic Encephalopathies as Neurodegenerative Disorders. <i>Advances in Neurobiology</i> , 2017, 15, 295-315.	1.3	9
74	Clinical and Imaging Presentation of a Patient with Beta-Propeller Protein-Associated Neurodegeneration, a Rare and Sporadic form of Neurodegeneration with Brain Iron Accumulation (NBIA). <i>Clinical Neuroradiology</i> , 2017, 27, 481-483.	1.0	11
75	Proteolysis, synaptic plasticity and memory. <i>Neurobiology of Learning and Memory</i> , 2017, 138, 98-110.	1.0	81
76	Infantile neuroaxonal dystrophy and PLA2G6-associated neurodegeneration: An update for the diagnosis. <i>Brain and Development</i> , 2017, 39, 93-100.	0.6	28
77	Disorders of metal metabolism. <i>Translational Science of Rare Diseases</i> , 2017, 2, 101-139.	1.6	43

#	ARTICLE	IF	CITATIONS
79	Ferrous Iron Up-regulation in Fibroblasts of Patients with Beta Propeller Protein-Associated Neurodegeneration (BPAN). <i>Frontiers in Genetics</i> , 2017, 8, 18.	1.1	20
80	Patient Affected by Beta-Propeller Protein-Associated Neurodegeneration: A Therapeutic Attempt with Iron Chelation Therapy. <i>Frontiers in Neurology</i> , 2017, 8, 385.	1.1	18
81	Autistic Siblings with Novel Mutations in Two Different Genes: Insight for Genetic Workups of Autistic Siblings and Connection to Mitochondrial Dysfunction. <i>Frontiers in Pediatrics</i> , 2017, 5, 219.	0.9	39
82	Novel mutations in PANK2 and PLA2G6 genes in patients with neurodegenerative disorders: two case reports. <i>BMC Medical Genetics</i> , 2017, 18, 87.	2.1	13
83	Metals and Autophagy in Neurotoxicity. , 2017, , 377-398.		3
84	Role of autophagy in environmental neurotoxicity. <i>Environmental Pollution</i> , 2018, 235, 791-805.	3.7	41
85	A Case with Beta-Propeller Protein Associated Neurodegeneration with Smooth Response to Levodopa Treatment. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 327-329.	0.8	1
86	Beta-propeller protein-associated neurodegeneration: a case report and review of the literature. <i>Clinical Case Reports (discontinued)</i> , 2018, 6, 353-362.	0.2	34
87	Beta-propeller-associated neurodegeneration can present with dominant or isolated parkinsonism. <i>Movement Disorders</i> , 2018, 33, 654-656.	2.2	1
89	Neurodegeneration with brain iron accumulation. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018, 147, 293-305.	1.0	153
90	Movement Disorders and Neurometabolic Diseases. <i>Seminars in Pediatric Neurology</i> , 2018, 25, 82-91.	1.0	31
91	Monogenic disorders that mimic the phenotype of Rett syndrome. <i>Neurogenetics</i> , 2018, 19, 41-47.	0.7	41
92	Severe infantile onset developmental and epileptic encephalopathy caused by mutations in autophagy gene <i>WDR45</i> . <i>Epilepsia</i> , 2018, 59, e5-e13.	2.6	44
93	Congenital Disorders of Autophagy: What a Pediatric Neurologist Should Know. <i>Neuropediatrics</i> , 2018, 49, 018-025.	0.3	15
94	Novel de novo Mutation in the Autophagy Gene WDR45 Causes BPAN in a Chinese Family. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , 2018, 12, .	0.1	0
95	Ocular and systemic manifestations of beta-propeller protein-associated neurodegeneration. <i>Journal of AAPOS</i> , 2018, 22, 403-405.	0.2	3
96	Parkinson's Disease and Metal Storage Disorders: A Systematic Review. <i>Brain Sciences</i> , 2018, 8, 194.	1.1	5
97	When Rett syndrome is due to genes other than MECP2. <i>Translational Science of Rare Diseases</i> , 2018, 3, 49-53.	1.6	19

#	ARTICLE	IF	CITATIONS
98	Iron overload is accompanied by mitochondrial and lysosomal dysfunction in WDR45 mutant cells. <i>Brain</i> , 2018, 141, 3052-3064.	3.7	51
99	Neurodegeneration with brain iron accumulation. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018, 145, 157-166.	1.0	19
100	Early onset developmental delay and epilepsy in pediatric patients with WDR45 variants. <i>European Journal of Medical Genetics</i> , 2019, 62, 149-160.	0.7	16
101	Single-center experience with Beta-propeller protein-associated neurodegeneration (BPAN); expanding the phenotypic spectrum. <i>Molecular Genetics and Metabolism Reports</i> , 2019, 20, 100483.	0.4	13
102	<i>KCNC1</i> -related disorders: new de novo variants expand the phenotypic spectrum. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1319-1326.	1.7	43
103	A Novel <i>c19orf12</i> Mutation in Mitochondrial Membrane Protein-Associated Neurodegeneration. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 610-614.	0.3	1
104	Dissecting the active galactic nucleus in Circinus II. A thin dusty disc and a polar outflow on parsec scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3334-3355.	1.6	59
105	Core autophagy genes and human diseases. <i>Current Opinion in Cell Biology</i> , 2019, 61, 117-125.	2.6	44
106	DMT1 Expression and Iron Levels at the Crossroads Between Aging and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 575.	1.4	29
107	Whole genome sequencing and variant discovery in the ASPIRE autism spectrum disorder cohort. <i>Clinical Genetics</i> , 2019, 96, 199-206.	1.0	18
108	A mutation in the major autophagy gene, WIPI2, associated with global developmental abnormalities. <i>Brain</i> , 2019, 142, 1242-1254.	3.7	28
109	Beta-propeller protein-associated neurodegeneration (BPAN) as a genetically simple model of multifaceted neuropathology resulting from defects in autophagy. <i>Reviews in the Neurosciences</i> , 2019, 30, 261-277.	1.4	18
110	Atypical late presentation of BPAN in a male: A case report. <i>Parkinsonism and Related Disorders</i> , 2019, 60, 184-185.	1.1	1
111	Movement Disorders in Treatable Inborn Errors of Metabolism. <i>Movement Disorders</i> , 2019, 34, 598-613.	2.2	60
112	Beta-propeller protein associated neurodegeneration (BPAN); the first report of three patients from Iran with de novo novel mutations. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 231-233.	1.1	6
113	Emerging Concepts and Functions of Autophagy as a Regulator of Synaptic Components and Plasticity. <i>Cells</i> , 2019, 8, 34.	1.8	47
114	Substantia Nigra Swelling and Dentate Nucleus T2 Hyperintensity May Be Early Magnetic Resonance Imaging Signs of <i>Beta</i> -Propeller Protein-Associated Neurodegeneration. <i>Movement Disorders Clinical Practice</i> , 2019, 6, 51-56.	0.8	20
115	Role of <i>Wdr45</i> in maintaining neural autophagy and cognitive function. <i>Autophagy</i> , 2020, 16, 615-625.	4.3	41

#	ARTICLE	IF	CITATIONS
116	WDR45 contributes to neurodegeneration through regulation of ER homeostasis and neuronal death. <i>Autophagy</i> , 2020, 16, 531-547.	4.3	65
117	Novel insights into the clinical and molecular spectrum of congenital disorders of autophagy. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 51-62.	1.7	31
118	Neuronal Autophagy in Synaptic Functions and Psychiatric Disorders. <i>Biological Psychiatry</i> , 2020, 87, 787-796.	0.7	42
119	Childhood Dystonia-Parkinsonism Following Infantile Spasmsâ€”Clinical Clue to Diagnosis in Early Beta-Propeller Protein-Associated Neurodegeneration. <i>Neuropediatrics</i> , 2020, 51, 022-029.	0.3	4
120	Adaptor protein complex 4 deficiency: a paradigm of childhood-onset hereditary spastic paraplegia caused by defective protein trafficking. <i>Human Molecular Genetics</i> , 2020, 29, 320-334.	1.4	45
121	Molecular basis of movement disorders. , 2020, , 461-485.		1
122	The expanding spectrum of movement disorders in genetic epilepsies. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 178-191.	1.1	31
123	Brain MRI Pattern Recognition in Neurodegeneration With Brain Iron Accumulation. <i>Frontiers in Neurology</i> , 2020, 11, 1024.	1.1	20
124	De novo variants in <i>WDR45</i> underlie betaâ€”propeller proteinâ€”associated neurodegeneration in five independent families. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1499.	0.6	7
125	MRI of neurodegeneration with brain iron accumulation. <i>Current Opinion in Neurology</i> , 2020, 33, 462-473.	1.8	27
126	The roles of iron and HFE genotype in neurological diseases. <i>Molecular Aspects of Medicine</i> , 2020, 75, 100867.	2.7	27
127	Clinical features and blood iron metabolism markers in children with beta-propeller protein associated neurodegeneration. <i>European Journal of Paediatric Neurology</i> , 2020, 28, 81-88.	0.7	5
128	Mitochondrial Dysfunction, Oxidative Stress and Neuroinflammation in Neurodegeneration with Brain Iron Accumulation (NBIA). <i>Antioxidants</i> , 2020, 9, 1020.	2.2	42
130	Isolated and combined genetic tremor syndromes: a critical appraisal based on the 2018 MDS criteria. <i>Parkinsonism and Related Disorders</i> , 2020, 77, 121-140.	1.1	13
131	Integrated analysis of the molecular pathogenesis of FDXR-associated disease. <i>Cell Death and Disease</i> , 2020, 11, 423.	2.7	21
133	Phenotypic and Imaging Spectrum Associated With WDR45. <i>Pediatric Neurology</i> , 2020, 109, 56-62.	1.0	16
134	High-amplitude fast activity in EEG: An early diagnostic marker in children with beta-propeller protein-associated neurodegeneration (BPAN). <i>Clinical Neurophysiology</i> , 2020, 131, 2100-2104.	0.7	5
135	Autophagy in Rare (NonLysosomal) Neurodegenerative Diseases. <i>Journal of Molecular Biology</i> , 2020, 432, 2735-2753.	2.0	23

#	ARTICLE	IF	CITATIONS
136	MitophAging: Mitophagy in Aging and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 239.	1.8	87
137	Serial MRI alterations of pediatric patients with beta-propeller protein associated neurodegeneration (BPAN). <i>Journal of Neuroradiology</i> , 2021, 48, 88-93.	0.6	9
138	Seizures in Hereditary Aceruloplasminemia. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, 144-147.	0.3	1
139	The eldest case of MICPCH with CASK mutation exhibiting gross motor regression. <i>Brain and Development</i> , 2021, 43, 459-463.	0.6	5
140	Beta- ϵ -propeller protein-associated neurodegeneration presenting Rett-like features: A case report and literature review. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 579-583.	0.7	3
141	Homozygous missense <i>WIPI2</i> variants cause a congenital disorder of autophagy with neurodevelopmental impairments of variable clinical severity and disease course. <i>Brain Communications</i> , 2021, 3, fcab183.	1.5	10
142	Chorea, Ballism, and Athetosis. , 2021, , 401-417.e9.		0
143	Cerebellar dentate nuclei swelling: a new and early magnetic resonance imaging finding of beta-propeller protein-associated neurodegeneration. <i>Neurological Sciences</i> , 2021, 42, 3011-3013.	0.9	0
144	WDR45 Gene and Its Role in Pediatric Epilepsies. <i>Journal of Pediatric Neurology</i> , 0, , .	0.0	0
145	β -propeller proteins WDR45 and WDR45B regulate autophagosome maturation into autolysosomes in neural cells. <i>Current Biology</i> , 2021, 31, 1666-1677.e6.	1.8	35
146	<i>WDR45</i> , one gene associated with multiple neurodevelopmental disorders. <i>Autophagy</i> , 2021, 17, 3908-3923.	4.3	20
147	A comprehensive phenotypic characterization of a whole-body <i>Wdr45</i> knock-out mouse. <i>Mammalian Genome</i> , 2021, 32, 332-349.	1.0	4
148	X-linked Parkinsonism: Phenotypic and Genetic Heterogeneity. <i>Movement Disorders</i> , 2021, 36, 1511-1525.	2.2	10
149	Neurodegeneration with Brain Iron Accumulation and a Brief Report of the Disease in Iran. <i>Canadian Journal of Neurological Sciences</i> , 2022, 49, 338-351.	0.3	5
150	A Dictyostelium model for BPAN disease reveals a functional relationship between the <i>WDR45</i> / <i>WIPI4</i> homolog <i>Wdr45l</i> and <i>Vmp1</i> in the regulation of autophagy-associated <i>PtdIns3P</i> and ER stress. <i>Autophagy</i> , 2022, 18, 661-677.	4.3	9
151	Autophagic defects observed in fibroblasts from a patient with β -propeller protein-associated neurodegeneration. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 3866-3871.	0.7	4
152	Rett Syndrome Spectrum in Monogenic Developmental-Epileptic Encephalopathies and Epilepsies: A Review. <i>Genes</i> , 2021, 12, 1157.	1.0	11
153	Consensus clinical management guideline for beta- ϵ -propeller protein-associated neurodegeneration. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1402-1409.	1.1	17

#	ARTICLE	IF	CITATIONS
154	Molecular targets and approaches to restore autophagy and lysosomal capacity in neurodegenerative disorders. <i>Molecular Aspects of Medicine</i> , 2021, 82, 101018.	2.7	8
155	Genetics of NBIA Disorders. , 2015, , 263-291.		2
156	Ischemic Fasciitis of the Left Buttock in a 40-Year-Old Woman with Beta-Propeller Protein-Associated Neurodegeneration (BPAN). <i>American Journal of Case Reports</i> , 2018, 19, 1249-1252.	0.3	2
157	Aetiology Based Diagnosis and Treatment Selection in Intellectually Disabled People with Challenging Behaviours. <i>Journal of Intellectual Disability - Diagnosis and Treatment</i> , 2014, 2, 83-93.	0.1	1
158	A Case of Beta-propeller Protein-associated Neurodegeneration due to a Heterozygous Deletion of. Tremor and Other Hyperkinetic Movements, 2017, 7, 465.	1.1	3
159	Neurodevelopmental disorder and late-onset degenerative parkinsonism in a patient with a WDR45 defect. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 110-112.	0.8	2
161	Presynaptic Dopaminergic Degeneration in a Patient with Beta-Propeller Protein-Associated Neurodegeneration Documented by Dopamine Transporter Positron Emission Tomography Images: A Case Report. <i>Journal of Movement Disorders</i> , 2017, 10, 161-163.	0.7	4
163	Neurodegeneration with brain iron accumulation. <i>Annals of Indian Academy of Neurology</i> , 2019, 22, 267.	0.2	4
164	Clinical and electroencephalographic characteristics of neurodegeneration with brain iron accumulation type 5 in children on the example of 5 cases. <i>Russkii Zhurnal Detskoi Nevrologii</i> , 2020, 15, 47-61.	0.1	0
165	Neurodegeneration with brain iron accumulation. , 2020, , 621-631.		0
166	Imaging in Movement Disorder Phenomenology. , 2020, , 263-291.		0
169	Physiological significance of WDR45, a responsible gene for β -propeller protein associated neurodegeneration (BPAN), in brain development. <i>Scientific Reports</i> , 2021, 11, 22568.	1.6	9
170	A neurodegeneration gene, <i>WDR45</i> , links impaired ferritinophagy to iron accumulation. <i>Journal of Neurochemistry</i> , 2022, 160, 356-375.	2.1	17
171	ATG2 and VPS13 proteins: molecular highways transporting lipids to drive membrane expansion and organelle communication. <i>FEBS Journal</i> , 2022, 289, 7113-7127.	2.2	13
172	Towards Precision Therapies for Inherited Disorders of Neurodegeneration with Brain Iron Accumulation. <i>Tremor and Other Hyperkinetic Movements</i> , 2021, 11, 51.	1.1	7
173	Neuroimaging Pearls from the <i>MDS</i> Congress Video Challenge. Part 1: Genetic Disorders. <i>Movement Disorders Clinical Practice</i> , 2022, 9, 297-310.	0.8	2
174	Seizure in Neurodegeneration with brain iron accumulation: A Systematic Review. <i>Canadian Journal of Neurological Sciences</i> , 2022, , 1-29.	0.3	0
175	Cerebrospinal fluid neuropathological biomarkers in beta-propeller protein-associated neurodegeneration, with complicated parkinsonian phenotype. <i>Parkinsonism and Related Disorders</i> , 2022, 98, 38-40.	1.1	0

#	ARTICLE	IF	CITATIONS
176	Other neurogenerative conditions III. , 0, , 263-267.		0
177	Other neurogenerative conditions IV. , 0, , 268-273.		0
179	Cerebral Iron Deposition in Neurodegeneration. <i>Biomolecules</i> , 2022, 12, 714.	1.8	38
180	Metabolic Disorders With Associated Movement Abnormalities. , 2022, , 443-533.		0
181	Mutant WDR45 Leads to Altered Ferritinophagy and Ferroptosis in β^2 -Propeller Protein-Associated Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9524.	1.8	9
182	WIPI proteins: Biological functions and related syndromes. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	7
183	Endoplasmic Reticulum Membrane Contact Sites, Lipid Transport, and Neurodegeneration. <i>Cold Spring Harbor Perspectives in Biology</i> , 2023, 15, a041257.	2.3	12
184	Parkinsonism in Genetic Neurodevelopmental Disorders: A Systematic Review. <i>Movement Disorders Clinical Practice</i> , 2023, 10, 17-31.	0.8	3
185	Expanding the Spectrum of Early Neuroradiologic Findings in β^2 Propeller Protein-Associated Neurodegeneration. <i>American Journal of Neuroradiology</i> , 0, , .	1.2	2
186	Neuroprotective Effects of Lycium Barbarum Fruit Extract on Pink1B9Drosophila Melanogaster Genetic Model of Parkinson's Disease. <i>Plant Foods for Human Nutrition</i> , 2023, 78, 68-75.	1.4	5
187	Interactions of dopamine, iron, and alpha-synuclein linked to dopaminergic neuron vulnerability in Parkinson's disease and Neurodegeneration with Brain Iron Accumulation disorders. <i>Neurobiology of Disease</i> , 2022, 175, 105920.	2.1	25
188	Early Neuroimaging Markers in β^2 Propeller Protein-Associated Neurodegeneration. <i>American Journal of Neuroradiology</i> , 0, , .	1.2	0
190	Generation of an induced pluripotent stem cell line FDHPI001-A derived from a female patient with WDR45-related neurodegeneration disease carrying non-canonical splice site c.344A>A5G>A. <i>Stem Cell Research</i> , 2023, 66, 102992.	0.3	0
191	<i>WDR45</i> variants cause ferrous iron loss due to impaired ferritinophagy associated with nuclear receptor coactivator 4 and WD repeat domain phosphoinositide interacting protein 4 reduction. <i>Brain Communications</i> , 2022, 4, .	1.5	4
192	Autophagy genes in biology and disease. <i>Nature Reviews Genetics</i> , 2023, 24, 382-400.	7.7	106
193	WDR45 mutation dysregulates iron homeostasis by promoting the chaperone-mediated autophagic degradation of ferritin heavy chain in an ER stress/p38 dependent mechanism. <i>Free Radical Biology and Medicine</i> , 2023, 201, 89-97.	1.3	3