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De novo mutations in KIF1A cause progressive encephalopathy and brain atrophy

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#	Paper	IF	Citations
86	Variants in KIF1A gene in dominant and sporadic forms of hereditary spastic paraparesis. <i>Journal of Neurology</i> , 2015 , 262, 2684-90	5.5	42
85	Sending Mixed Signals: The Expanding Role of Molecular Cascade Mutations in Malformations of Cortical Development and Epilepsy. <i>Epilepsy Currents</i> , 2016 , 16, 158-63	1.3	5
84	The Drosophila KIF1A Homolog unc-104 Is Important for Site-Specific Synapse Maturation. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 207	6.1	11
83	Novel De Novo Mutations in KIF1A as a Cause of Hereditary Spastic Paraplegia With Progressive Central Nervous System Involvement. <i>Journal of Child Neurology</i> , 2016 , 31, 1114-9	2.5	31
82	Emerging roles for motor proteins in progenitor cell behavior and neuronal migration during brain development. <i>Cytoskeleton</i> , 2016 , 73, 566-576	2.4	15
81	Neurometabolic disorders: Five new things. <i>Neurology: Clinical Practice</i> , 2016 , 6, 348-357	1.7	7
80	Utility of Whole Exome Sequencing for Genetic Diagnosis of Previously Undiagnosed Pediatric Neurology Patients. <i>Journal of Child Neurology</i> , 2016 , 31, 1534-1539	2.5	38
79	The importance of de novo mutations for pediatric neurological disease--It is not all in utero or birth trauma. <i>Mutation Research - Reviews in Mutation Research</i> , 2016 , 767, 42-58	7	7
78	CCDC88A mutations cause PEHO-like syndrome in humans and mouse. <i>Brain</i> , 2016 , 139, 1036-44	11.2	17
77	Monoallelic and Biallelic Variants in EMC1 Identified in Individuals with Global Developmental Delay, Hypotonia, Scoliosis, and Cerebellar Atrophy. <i>American Journal of Human Genetics</i> , 2016 , 98, 562-570	11	45
76	KIF1A inhibition immortalizes brain stem cells but blocks BDNF-mediated neuronal migration. <i>Nature Neuroscience</i> , 2016 , 19, 253-62	25.5	28
75	Neuroimaging in Aicardi-Goutières syndrome: Biomarkers for a progressive encephalopathy. <i>Neurology</i> , 2016 , 86, 15-6	6.5	2
74	De novo dominant variants affecting the motor domain of KIF1A are a cause of PEHO syndrome. <i>European Journal of Human Genetics</i> , 2016 , 24, 949-53	5.3	30
73	Genetic control of postnatal human brain growth. <i>Current Opinion in Neurology</i> , 2017 , 30, 114-124	7.1	59
72	Optic nerve hypoplasia in a patient with a de novo KIF1A heterozygous mutation. <i>Canadian Journal of Ophthalmology</i> , 2017 , 52, e169-e171	1.4	10
71	Hereditary spastic paraplegia caused by compound heterozygous mutations outside the motor domain of the KIF1A gene. <i>European Journal of Neurology</i> , 2017 , 24, 741-747	6	17
70	Autosomal dominant transmission of complicated hereditary spastic paraplegia due to a dominant negative mutation of KIF1A, SPG30 gene. <i>Scientific Reports</i> , 2017 , 7, 12527	4.9	28

69	A de novo dominant mutation in KIF1A associated with axonal neuropathy, spasticity and autism spectrum disorder. <i>Journal of the Peripheral Nervous System</i> , 2017 , 22, 460-463	4.7	18
68	The KIF1A homolog Unc-104 is important for spontaneous release, postsynaptic density maturation and perisynaptic scaffold organization. <i>Scientific Reports</i> , 2017 , 7, 38172	4.9	9
67	Co-existence of spastic paraplegia-30 with novel KIF1A mutation and spinocerebellar ataxia 31 with intronic expansion of BEAN and TK2 in a family. <i>Journal of the Neurological Sciences</i> , 2017 , 372, 128-130	3.2	6
66	Potential Role of Microtubule Stabilizing Agents in Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	18
65	Defective kinesin binding of TUBB2A causes progressive spastic ataxia syndrome resembling saccinopathy. <i>Human Molecular Genetics</i> , 2018 , 27, 1892-1904	5.6	18
64	Nuclear migration in mammalian brain development. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 82, 57-66	7.5	23
63	Progressive cerebello-cerebral atrophy and progressive encephalopathy with edema, hypsarrhythmia and optic atrophy may be allelic syndromes. <i>European Journal of Paediatric Neurology</i> , 2018 , 22, 1133-1138	3.8	12
62	De novo variant in KIF26B is associated with pontocerebellar hypoplasia with infantile spinal muscular atrophy. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 2623-2629	2.5	13
61	Genetic heterogeneity in infantile spasms. <i>Epilepsy Research</i> , 2019 , 156, 106181	3	20
60	Axonal transport: Driving synaptic function. <i>Science</i> , 2019 , 366,	33.3	92
59	Rett and Rett-like syndrome: Expanding the genetic spectrum to KIF1A and GRIN1 gene. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e968	2.3	18
58	Disease-associated mutations hyperactivate KIF1A motility and anterograde axonal transport of synaptic vesicle precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18429-18434	11.5	32
57	Going Too Far Is the Same as Falling Short: Kinesin-3 Family Members in Hereditary Spastic Paraplegia. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 419	6.1	15
56	Defects in Axonal Transport in Inherited Neuropathies. <i>Journal of Neuromuscular Diseases</i> , 2019 , 6, 401-419	5.19	14
55	Next-generation sequencing study reveals the broader variant spectrum of hereditary spastic paraplegia and related phenotypes. <i>Neurogenetics</i> , 2019 , 20, 27-38	3	22
54	Targeted resequencing identifies genes with recurrent variation in cerebral palsy. <i>Npj Genomic Medicine</i> , 2019 , 4, 27	6.2	15
53	PEHO syndrome: KIF1A mutation and decreased activity of mitochondrial respiratory chain complex. <i>Journal of Clinical Neuroscience</i> , 2019 , 61, 298-301	2.2	13
52	KIF1A variants are a frequent cause of autosomal dominant hereditary spastic paraplegia. <i>European Journal of Human Genetics</i> , 2020 , 28, 40-49	5.3	30

51	Overlapping spectrums: The clinicogenetic commonalities between Charcot-Marie-Tooth and other neurodegenerative diseases. <i>Brain Research</i> , 2020 , 1727, 146532	3.7	1
50	Mobility Characteristics of Children with Spastic Paraplegia Due to a Mutation in the KIF1A Gene. <i>Neuropediatrics</i> , 2020 , 51, 146-153	1.6	6
49	A Novel de novo KIF1A Mutation in a Patient with Autism, Hyperactivity, Epilepsy, Sensory Disturbance, and Spastic Paraplegia. <i>Internal Medicine</i> , 2020 , 59, 839-842	1.1	8
48	Postnatal Role of the Cytoskeleton in Adult Epileptogenesis. <i>Cerebral Cortex Communications</i> , 2020 , 1, tgaa024	1.9	2
47	Tubulin mutations in neurodevelopmental disorders as a tool to decipher microtubule function. <i>FEBS Letters</i> , 2020 , 594, 3409-3438	3.8	7
46	Clinical and molecular characterization of hereditary spastic paraplegia in a spanish southern region. <i>International Journal of Neuroscience</i> , 2020 , 1-12	2	2
45	Anterograde Axonal Transport in Neuronal Homeostasis and Disease. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 556175	6.1	16
44	Usefulness of exome sequencing in the study of spastic paraparesis and cerebellar atrophy: de novo mutation of the KIF1A gene, a new hope in prognosis. <i>Neurologia (English Edition)</i> , 2020 , 35, 535-538 ⁴	6.4	8
43	KIF1A-related autosomal dominant spastic paraplegias (SPG30) in Russian families. <i>BMC Neurology</i> , 2020 , 20, 290	3.1	3
42	Heterozygous variants underlie a wide spectrum of neurodevelopmental and neurodegenerative disorders. <i>Journal of Medical Genetics</i> , 2021 , 58, 475-483	5.8	5
41	Phenotypic expansion in KIF1A-related dominant disorders: A description of novel variants and review of published cases. <i>Human Mutation</i> , 2020 , 41, 2094-2104	4.7	1
40	De novo variants in cause neurodevelopmental disorders associated with corpus callosum abnormalities. <i>Journal of Medical Genetics</i> , 2020 , 57, 461-465	5.8	4
39	Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. <i>Cell Reports</i> , 2020 , 31, 107775	10.6	18
38	A Rare Missense Mutation Enhances Synaptic Function and Increases Seizure Activity. <i>Frontiers in Genetics</i> , 2020 , 11, 61	4.5	14
37	Advances in the evaluation and management of cortical/cerebral visual impairment in children. <i>Survey of Ophthalmology</i> , 2020 , 65, 708-724	6.1	20
36	Nucleokinesis. 2020 , 305-322		0
35	Congenital and postnatal microcephalies. 2020 , 377-408		
34	Usefulness of exome sequencing in the study of spastic paraparesis and cerebellar atrophy: De novo mutation of the KIF1A gene, a new hope in prognosis. <i>Neurologia</i> , 2020 , 35, 535-538	1.4	3

33	Expansion of the phenotypic spectrum of de novo missense variants in kinesin family member 1A (KIF1A). <i>Human Mutation</i> , 2020 , 41, 1761-1774	4.7	10
32	KIF1A-related disorders in children: A wide spectrum of central and peripheral nervous system involvement. <i>Journal of the Peripheral Nervous System</i> , 2020 , 25, 117-124	4.7	17
31	The neurodevelopmental spectrum of synaptic vesicle cycling disorders. <i>Journal of Neurochemistry</i> , 2021 , 157, 208-228	6	14
30	Dominant and sporadic de novo disorders. 2021 , 117-135		
29	Pathogenic variants in CDH11 impair cell adhesion and cause Teebi hypertelorism syndrome. <i>Human Genetics</i> , 2021 , 140, 1061-1076	6.3	1
28	A highly conserved 3 helix within the kinesin motor domain is critical for kinesin function and human health. <i>Science Advances</i> , 2021 , 7,	14.3	4
27	Genotype and defects in microtubule-based motility correlate with clinical severity in -associated neurological disorder. <i>Human Genetics and Genomics Advances</i> , 2021 , 2,	0.8	9
26	The Novel KIF1A Missense Variant (R169T) Strongly Reduces Microtubule Stimulated ATPase Activity and Is Associated With NESCAV Syndrome. <i>Frontiers in Neuroscience</i> , 2021 , 15, 618098	5.1	4
25	Neuronal Cytoskeleton in Intellectual Disability: From Systems Biology and Modeling to Therapeutic Opportunities. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
24	De novo disease-associated mutations in KIF1A dominant negatively inhibit axonal transport of synaptic vesicle precursors.		1
23	Regulation Of Microtubule: Current Concepts And Relevance To Neurodegenerative Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021 ,	2.6	
22	Monoallelic KIF1A-related disorders: a multicenter cross sectional study and systematic literature review. <i>Journal of Neurology</i> , 2021 , 1	5.5	3
21	Genotype and defects in microtubule-based motility correlate with clinical severity in KIF1A Associated Neurological Disorder.		1
20	ER Morphology in the Pathogenesis of Hereditary Spastic Paraplegia. <i>Cells</i> , 2021 , 10,	7.9	1
19	Here comes the sun: the era of genetics. <i>Arquivos De Neuro-Psiquiatria</i> , 2015 , 73, 895-6	1.6	
18	Disease-associated mutations hyperactivate KIF1A motility and anterograde axonal transport of synaptic vesicle precursors.		
17	A Highly Conserved 310-Helix Within the Kinesin Motor Domain is Critical for Kinesin Function and Human Health.		1
16	Hemorrhagic shock and encephalopathy syndrome in a patient with a de novo heterozygous variant in KIF1A.. <i>Brain and Development</i> , 2021 ,	2.2	0

- 15 A neuropathy-associated kinesin KIF1A mutation hyper-stabilizes the motor-neck interaction during the ATPase cycle.. *EMBO Journal*, **2022**, e108899 13 2
- 14 Image_1.tif. **2020**,
- 13 Table_1.docx. **2020**,
- 12 Table_1.docx. **2019**,
- 11 De novo mutations in KIF1A-associated neuronal disorder (KAND) dominant-negatively inhibit motor activity and axonal transport of synaptic vesicle precursors. **2022**, 119, 1
- 10 The net charge of the K-loop regulates KIF1A superprocessivity by enhancing microtubule affinity in the one-head-bound state.
- 9 Kinesin-3 motors are fine-tuned at the molecular level to endow distinct mechanical outputs. **2022**, 20, 0
- 8 Single-Molecule Studies on the Motion and Force Generation of the Kinesin-3 Motor KIF1A. **2022**, 585-608 0
- 7 Dodecyl Creatine Ester Improves Cognitive Function and Identifies Drivers of Creatine Deficiency. 0
- 6 Positive charge in the K-loop of the kinesin-3 motor KIF1A regulates superprocessivity by enhancing microtubule affinity in the one-head-bound state. **2022**, 102818 0
- 5 KIF1A-Associated Neurological Disorder: An Overview of a Rare Mutational Disease. **2023**, 16, 147 0
- 4 Insight into the regulation of axonal transport from the study of KIF1A-associated neurological disorder. **2023**, 136, 0
- 3 High-Resolution structures of microtubule-bound KIF1A and its pathogenic variant P305L. 0
- 2 Dodecyl creatine ester improves cognitive function and identifies key protein drivers including KIF1A and PLCB1 in a mouse model of creatine transporter deficiency. 16, 0
- 1 Expanding the Knowledge of KIF1A-Dependent Disorders to a Group of Polish Patients. **2023**, 14, 972 0