

# TTBK2 and primary cilia are essential for the connectivity of Purkinje neurons

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Adult onset pan-neuronal human tau tubulin kinase 1 expression causes severe cerebellar neurodegeneration in mice. <i>Acta Neuropathologica Communications</i> , 2020, 8, 200.	2.4	7
2	Neuron-specific cilia loss differentially alters locomotor responses to amphetamine in mice. <i>Journal of Neuroscience Research</i> , 2021, 99, 827-842.	1.3	11
3	The Multifaceted Roles of Primary Cilia in the Development of the Cerebral Cortex. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630161.	1.8	30
4	Pathogenic LRRK2 regulates ciliation probability upstream of tau tubulin kinase 2 via Rab10 and RILPL1 proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	49
5	Ciliary neuropeptidergic signaling dynamically regulates excitatory synapses in postnatal neocortical pyramidal neurons. <i>ELife</i> , 2021, 10, .	2.8	24
6	CCP1, a Tubulin Deglutamylase, Increases Survival of Rodent Spinal Cord Neurons following Glutamate-Induced Excitotoxicity. <i>ENeuro</i> , 2021, 8, ENEURO.0431-20.2021.	0.9	7
8	A mouse model of Bardet-Biedl Syndrome has impaired fear memory, which is rescued by lithium treatment. <i>PLoS Genetics</i> , 2021, 17, e1009484.	1.5	8
9	A complex of distal appendage-associated kinases linked to human disease regulates ciliary trafficking and stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
11	Discovery of Potent and Brain-Penetrant Tau Tubulin Kinase 1 (TTBK1) Inhibitors that Lower Tau Phosphorylation In Vivo. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6358-6380.	2.9	18
12	An N-terminal fusion allele to study melanin concentrating hormone receptor 1. <i>Genesis</i> , 2021, 59, e23438.	0.8	5
14	Molecular mechanisms underlying the role of the centriolar CEP164-TTBK2 complex in ciliopathies. <i>Structure</i> , 2022, 30, 114-128.e9.	1.6	11
15	Dynamic Changes of Brain Cilia Transcriptomes across the Human Lifespan. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10387.	1.8	7
19	Pathogenic LRRK2 control of primary cilia and Hedgehog signaling in neurons and astrocytes of mouse brain. <i>ELife</i> , 2021, 10, .	2.8	47
23	Primary cilia in the postnatal brain: Subcellular compartments for organizing neuromodulatory signaling. <i>Current Opinion in Neurobiology</i> , 2022, 74, 102533.	2.0	9
24	Mechanical stimulation promotes entheses injury repair by mobilizing Prrx1+ cells via ciliary TGF- $\beta$ 2 signaling. <i>ELife</i> , 2022, 11, .	2.8	9
27	The Role of Ciliopathy-Associated Type 3 Adenylyl Cyclase in Infanticidal Behavior in Virgin Adult Male Mice. <i>IScience</i> , 2022, , 104534.	1.9	0
28	Disruption of Dopamine Receptor 1 Localization to Primary Cilia Impairs Signaling in Striatal Neurons. <i>Journal of Neuroscience</i> , 2022, 42, 6692-6705.	1.7	11
29	CK2 and protein kinases of the CK1 superfamily as targets for neurodegenerative disorders. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	3

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30	TTBK2 controls cilium stability by regulating distinct modules of centrosomal proteins. <i>Molecular Biology of the Cell</i> , 2023, 34, .	0.9	4
31	Cilia in the Striatum Mediate Timing-Dependent Functions. <i>Molecular Neurobiology</i> , 2023, 60, 545-565.	1.9	7
32	Primary Cilia Dysfunction in Neurodevelopmental Disorders beyond Ciliopathies. <i>Journal of Developmental Biology</i> , 2022, 10, 54.	0.9	4
36	Spinocerebellar ataxia type 11 (SCA11): TTBK2 variants, functions and associated disease mechanisms. <i>Cerebellum</i> , 2024, 23, 678-687.	1.4	0
37	Modulation of tau tubulin kinases (TTBK1 and TTBK2) impacts ciliogenesis. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
38	Genetics of Dominant Ataxias. <i>Contemporary Clinical Neuroscience</i> , 2023, , 115-139.	0.3	0