Peter T Tsai

List of Publications by Year in Descending Order

19 papers	1,299 citations	13 h-index	21 g-index
21 ext. papers	1,649 ext. citations	11 avg, IF	4.3 L-index

#	Paper	IF	Citations
19	Increased glycine contributes to synaptic dysfunction and early mortality in Nprl2 seizure model. *IScience*, **2022**, 25, 104334	6.1	
18	Adaptive Prediction for Social Contexts: The Cerebellar Contribution to Typical and Atypical Social Behaviors. *Annual Review of Neuroscience*, **2021**, 44, 475-493	17	5
17	Cerebellar Dysfunction in Autism Spectrum Disorders: Deriving Mechanistic Insights from an Internal Model Framework. *Neuroscience*, **2021**, 462, 274-287	3.9	4
16	Regulation of autism-relevant behaviors by cerebellar-prefrontal cortical circuits. *Nature Neuroscience*, **2020**, 23, 1102-1110	25.5	52
15	Therapeutic Targeting of mTORC2 in mTORopathies. *Neuron*, **2019**, 104, 1032-1033	13.9	2
14	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. *Cell Reports*, **2018**, 25, 357-367.e4	10.6	41
13	Altered cerebellar connectivity in autism and cerebellar-mediated rescue of autism-related behaviors in mice. *Nature Neuroscience*, **2017**, 20, 1744-1751	25.5	174
12	Autism and cerebellar dysfunction: Evidence from animal models. *Seminars in Fetal and Neonatal Medicine*, **2016**, 21, 349-55	3.7	20
11	The Role of the Pediatric Cerebellum in Motor Functions, Cognition, and Behavior: A Clinical Perspective. *Neuroimaging Clinics of North America*, **2016**, 26, 317-29	3	40
10	The role of cerebellar circuitry alterations in the pathophysiology of autism spectrum disorders. *Frontiers in Neuroscience*, **2015**, 9, 296	5.1	66
9	Cerebellar associative sensory learning defects in five mouse autism models. *ELife*, **2015**, 4, e06085	8.9	82
8	Author response: Cerebellar associative sensory learning defects in five mouse autism models **2015** ,		2
7	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. *Human Molecular Genetics*, **2014**, 23, 3865-74	5.6	73
6	Both maternal and pup genotype influence ultrasonic vocalizations and early developmental milestones in tsc2 (+/-) mice. *Epilepsy Research & Treatment*, **2014**, 2014, 784137		5
5	Prenatal rapamycin results in early and late behavioral abnormalities in wildtype C57BL/6 mice. *Behavior Genetics*, **2013**, 43, 51-9	3.2	34
4	A magnetic resonance imaging study of cerebellar volume in tuberous sclerosis complex. *Pediatric Neurology*, **2013**, 48, 105-10	2.9	21
3	Autistic-like behaviour and cerebellar dysfunction in Purkinje cell Tsc1 mutant mice. *Nature*, **2012**, 488, 647-51	50.4	574

2	Graded loss of tuberin in an allelic series of brain models of TSC correlates with survival, and biochemical, histological and behavioral features. *Human Molecular Genetics*, **2012**, 21, 4286-300	5.6	37
1	Mechanisms of neurocognitive dysfunction and therapeutic considerations in tuberous sclerosis complex. *Current Opinion in Neurology*, **2011**, 24, 106-13	7.1	58