

Peter T Tsai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Autistic-like behaviour and cerebellar dysfunction in Purkinje cell Tsc1 mutant mice. <i>Nature</i> , 2012 , 488, 647-51	50.4	574
18	Altered cerebellar connectivity in autism and cerebellar-mediated rescue of autism-related behaviors in mice. <i>Nature Neuroscience</i> , 2017 , 20, 1744-1751	25.5	174
17	Cerebellar associative sensory learning defects in five mouse autism models. <i>ELife</i> , 2015 , 4, e06085	8.9	82
16	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. <i>Human Molecular Genetics</i> , 2014 , 23, 3865-74	5.6	73
15	The role of cerebellar circuitry alterations in the pathophysiology of autism spectrum disorders. <i>Frontiers in Neuroscience</i> , 2015 , 9, 296	5.1	66
14	Mechanisms of neurocognitive dysfunction and therapeutic considerations in tuberous sclerosis complex. <i>Current Opinion in Neurology</i> , 2011 , 24, 106-13	7.1	58
13	Regulation of autism-relevant behaviors by cerebellar-prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020 , 23, 1102-1110	25.5	52
12	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. <i>Cell Reports</i> , 2018 , 25, 357-367.e4	10.6	41
11	The Role of the Pediatric Cerebellum in Motor Functions, Cognition, and Behavior: A Clinical Perspective. <i>Neuroimaging Clinics of North America</i> , 2016 , 26, 317-29	3	40
10	Graded loss of tuberin in an allelic series of brain models of TSC correlates with survival, and biochemical, histological and behavioral features. <i>Human Molecular Genetics</i> , 2012 , 21, 4286-300	5.6	37
9	Prenatal rapamycin results in early and late behavioral abnormalities in wildtype C57BL/6 mice. <i>Behavior Genetics</i> , 2013 , 43, 51-9	3.2	34
8	A magnetic resonance imaging study of cerebellar volume in tuberous sclerosis complex. <i>Pediatric Neurology</i> , 2013 , 48, 105-10	2.9	21
7	Autism and cerebellar dysfunction: Evidence from animal models. <i>Seminars in Fetal and Neonatal Medicine</i> , 2016 , 21, 349-55	3.7	20
6	Both maternal and pup genotype influence ultrasonic vocalizations and early developmental milestones in tsc2 (+/-) mice. <i>Epilepsy Research & Treatment</i> , 2014 , 2014, 784137		5
5	Adaptive Prediction for Social Contexts: The Cerebellar Contribution to Typical and Atypical Social Behaviors. <i>Annual Review of Neuroscience</i> , 2021 , 44, 475-493	17	5
4	Cerebellar Dysfunction in Autism Spectrum Disorders: Deriving Mechanistic Insights from an Internal Model Framework. <i>Neuroscience</i> , 2021 , 462, 274-287	3.9	4
3	Author response: Cerebellar associative sensory learning defects in five mouse autism models 2015 ,		2

2 Therapeutic Targeting of mTORC2 in mTORopathies. *Neuron*, **2019**, 104, 1032-1033 13.9 2

1 Increased glycine contributes to synaptic dysfunction and early mortality in Nprl2 seizure model. *iScience*, **2022**, 25, 104334 6.1