

Shan Meltzer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1402493/publications.pdf>

Version: 2024-02-01

10
papers

848
citations

1163065

8
h-index

1588975

8
g-index

12
all docs

12
docs citations

12
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Drosophila NOMPC is a mechanotransduction channel subunit for gentle-touch sensation. Nature, 2013, 493, 221-225.	27.8	304
2	Electron cryo-microscopy structure of the mechanotransduction channel NOMPC. Nature, 2017, 547, 118-122.	27.8	198
3	Phosphorylation of β -Tubulin by the Down Syndrome Kinase, Minibrain/DYRK1a, Regulates Microtubule Dynamics and Dendrite Morphogenesis. Neuron, 2016, 90, 551-563.	8.1	75
4	Transmembrane channel-like (<i>tmc</i>) gene regulates <i>Drosophila</i> larval locomotion. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7243-7248.	7.1	72
5	Tiling and somatotopic alignment of mammalian low-threshold mechanoreceptors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9168-9177.	7.1	52
6	Regulation of axon regeneration by the RNA repair and splicing pathway. Nature Neuroscience, 2015, 18, 817-825.	14.8	50
7	Epidermis-Derived Semaphorin Promotes Dendrite Self-Avoidance by Regulating Dendrite-Substrate Adhesion in <i>Drosophila</i> Sensory Neurons. Neuron, 2016, 89, 741-755.	8.1	48
8	The cellular and molecular basis of somatosensory neuron development. Neuron, 2021, 109, 3736-3757.	8.1	45
9	Balancing Dendrite Morphogenesis and Neuronal Migration during Cortical Development. Journal of Neuroscience, 2016, 36, 10726-10728.	3.6	0
10	Cryo-EM structure of the Mechanotransduction Channel NOMPC. Biophysical Journal, 2018, 114, 22a.	0.5	0