

Karen T Chang

List of Publications by Year in descending order

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13
papers

471
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Drosophila</i> homolog of Down's syndrome critical region 1 gene regulates learning: Implications for mental retardation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15794-15799.	7.1	122
2	<i>Drosophila melanogaster</i> homolog of Down syndrome critical region 1 is critical for mitochondrial function. <i>Nature Neuroscience</i> , 2005, 8, 1577-1585.	14.8	91
3	Activity-dependent facilitation of Synaptojanin and synaptic vesicle recycling by the Minibrain kinase. <i>Nature Communications</i> , 2014, 5, 4246.	12.8	62
4	Nebula/DSCR1 Upregulation Delays Neurodegeneration and Protects against APP-Induced Axonal Transport Defects by Restoring Calcineurin and GSK-3 β Signaling. <i>PLoS Genetics</i> , 2013, 9, e1003792.	3.5	42
5	DSCR1 is required for both axonal growth cone extension and steering. <i>Journal of Cell Biology</i> , 2016, 213, 451-462.	5.2	30
6	Lysine acetylation regulates the interaction between proteins and membranes. <i>Nature Communications</i> , 2021, 12, 6466.	12.8	27
7	Phosphorylation of Synaptojanin Differentially Regulates Endocytosis of Functionally Distinct Synaptic Vesicle Pools. <i>Journal of Neuroscience</i> , 2016, 36, 8882-8894.	3.6	25
8	DSCR1-mediated TET1 splicing regulates miR-124 expression to control adult hippocampal neurogenesis. <i>EMBO Journal</i> , 2019, 38, e101293.	7.8	19
9	DSCR1 upregulation enhances dural meningeal lymphatic drainage to attenuate amyloid pathology of Alzheimer's disease. <i>Journal of Pathology</i> , 2021, 255, 296-310.	4.5	14
10	Maintenance of Stem Cell Niche Integrity by a Novel Activator of Integrin Signaling. <i>PLoS Genetics</i> , 2016, 12, e1006043.	3.5	13
11	Bidirectional Regulation of Amyloid Precursor Protein-Induced Memory Defects by Nebula/DSCR1: A Protein Upregulated in Alzheimer's Disease and Down Syndrome. <i>Journal of Neuroscience</i> , 2015, 35, 11374-11383.	3.6	11
12	Activity-Induced Synaptic Structural Modifications by an Activator of Integrin Signaling at the <i>Drosophila</i> Neuromuscular Junction. <i>Journal of Neuroscience</i> , 2017, 37, 3246-3263.	3.6	11
13	Minibrain kinase and calcineurin coordinate activity-dependent bulk endocytosis through synaptojanin. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	4