

Zhongyuan Zuo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,535
citations

394421

19
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

3118
citing authors

#	ARTICLE	IF	CITATIONS
1	Daam2 Regulates Myelin Structure and the Oligodendrocyte Actin Cytoskeleton through Rac1 and Gelsolin. <i>Journal of Neuroscience</i> , 2022, 42, 1679-1691.	3.6	7
2	Loss of IRF2BPL impairs neuronal maintenance through excess Wnt signaling. <i>Science Advances</i> , 2022, 8, eabl5613.	10.3	12
3	Low doses of the organic insecticide spinosad trigger lysosomal defects, elevated ROS, lipid dysregulation, and neurodegeneration in flies. <i>ELife</i> , 2022, 11, .	6.0	16
4	Neuronal activity induces glucosylceramide that is secreted via exosomes for lysosomal degradation in glia. <i>Science Advances</i> , 2022, 8, .	10.3	21
5	The Daam2-VHL-Nedd4 axis governs developmental and regenerative oligodendrocyte differentiation. <i>Genes and Development</i> , 2020, 34, 1177-1189.	5.9	22
6	Loss- or Gain-of-Function Mutations in ACOX1 Cause Axonal Loss via Different Mechanisms. <i>Neuron</i> , 2020, 106, 589-606.e6.	8.1	71
7	Novel role of dynamin-related protein 1 in dynamics of ER lipid droplets in adipose tissue. <i>FASEB Journal</i> , 2020, 34, 8265-8282.	0.5	20
8	Retromer subunit, VPS29, regulates synaptic transmission and is required for endolysosomal function in the aging brain. <i>ELife</i> , 2020, 9, .	6.0	37
9	TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. <i>ELife</i> , 2020, 9, .	6.0	48
10	cindr, the Drosophila Homolog of the CD2AP Alzheimer's Disease Risk Gene, Is Required for Synaptic Transmission and Proteostasis. <i>Cell Reports</i> , 2019, 28, 1799-1813.e5.	6.4	27
11	Molecular layer interneurons shape the spike activity of cerebellar Purkinje cells. <i>Scientific Reports</i> , 2019, 9, 1742.	3.3	80
12	VAMP associated proteins are required for autophagic and lysosomal degradation by promoting a PtdIns4P-mediated endosomal pathway. <i>Autophagy</i> , 2019, 15, 1214-1233.	9.1	45
13	Ubiquilins regulate autophagic flux through mTOR signalling and lysosomal acidification. <i>Nature Cell Biology</i> , 2019, 21, 384-396.	10.3	102
14	Loss of Oxidation Resistance 1, OXR1, Is Associated with an Autosomal-Recessive Neurological Disease with Cerebellar Atrophy and Lysosomal Dysfunction. <i>American Journal of Human Genetics</i> , 2019, 105, 1237-1253.	6.2	34
15	An efficient CRISPR-based strategy to insert small and large fragments of DNA using short homology arms. <i>ELife</i> , 2019, 8, .	6.0	105
16	A gene-specific T2A-GAL4 library for Drosophila. <i>ELife</i> , 2018, 7, .	6.0	203
17	IRF2BPL Is Associated with Neurological Phenotypes. <i>American Journal of Human Genetics</i> , 2018, 103, 245-260.	6.2	69
18	Phospholipase PLA2G6, a Parkinsonism-Associated Gene, Affects Vps26 and Vps35, Retromer Function, and Ceramide Levels, Similar to \pm -Synuclein Gain. <i>Cell Metabolism</i> , 2018, 28, 605-618.e6.	16.2	133

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19	An expanded toolkit for gene tagging based on MiMIC and scarless CRISPR tagging in Drosophila. <i>ELife</i> , 2018, 7, .	6.0	59
20	The Krebs Cycle Enzyme Isocitrate Dehydrogenase 3A Couples Mitochondrial Metabolism to Synaptic Transmission. <i>Cell Reports</i> , 2017, 21, 3794-3806.	6.4	31
21	Clinically severe CACNA1A alleles affect synaptic function and neurodegeneration differentially. <i>PLoS Genetics</i> , 2017, 13, e1006905.	3.5	80
22	A cell cycle-independent, conditional gene inactivation strategy for differentially tagging wild-type and mutant cells. <i>ELife</i> , 2017, 6, .	6.0	23
23	Uncoupling neuronal death and dysfunction in Drosophila models of neurodegenerative disease. <i>Acta Neuropathologica Communications</i> , 2016, 4, 62.	5.2	77
24	WAC Regulates mTOR Activity by Acting as an Adaptor for the TTT and Pontin/Reptin Complexes. <i>Developmental Cell</i> , 2016, 36, 139-151.	7.0	47
25	A genetic toolkit for tagging intronic MiMIC containing genes. <i>ELife</i> , 2015, 4, .	6.0	134
26	An expanded toolkit for Drosophila gene tagging using synthesized homology donor constructs for CRISPR-mediated homologous recombination. <i>ELife</i> , 0, 11, .	6.0	25