

Zhen-Ge Luo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,124
citations

623188

14
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

2288
citing authors

#	ARTICLE	IF	CITATIONS
1	Vertical transmission of Zika virus targeting the radial glial cells affects cortex development of offspring mice. <i>Cell Research</i> , 2016, 26, 645-654.	5.7	254
2	Autophagy induction stabilizes microtubules and promotes axon regeneration after spinal cord injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11324-11329.	3.3	144
3	The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice. <i>ELife</i> , 2016, 5, .	2.8	126
4	ProBDNF and Mature BDNF as Punishment and Reward Signals for Synapse Elimination at Mouse Neuromuscular Junctions. <i>Journal of Neuroscience</i> , 2013, 33, 9957-9962.	1.7	108
5	Generation of vascularized brain organoids to study neurovascular interactions. <i>ELife</i> , 2022, 11, .	2.8	94
6	Implication of Geranylgeranyltransferase I in Synapse Formation. <i>Neuron</i> , 2003, 40, 703-717.	3.8	75
7	MARCKS regulates membrane targeting of Rab10 vesicles to promote axon development. <i>Cell Research</i> , 2014, 24, 576-594.	5.7	56
8	Semaphorin 3A activates the guanosine triphosphatase Rab5 to promote growth cone collapse and organize callosal axon projections. <i>Science Signaling</i> , 2014, 7, ra81.	1.6	43
9	Caspase-3 Cleavage of Dishevelled Induces Elimination of Postsynaptic Structures. <i>Developmental Cell</i> , 2014, 28, 670-684.	3.1	40
10	Single-cell transcriptomes reveal molecular specializations of neuronal cell types in the developing cerebellum. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 636-648.	1.5	38
11	The structural basis of Miranda-mediated Staufen localization during <i>Drosophila</i> neuroblast asymmetric division. <i>Nature Communications</i> , 2015, 6, 8381.	5.8	28
12	A novel Wnt5a-Frizzled4 signaling pathway mediates activity-independent dendrite morphogenesis via the distal PDZ motif of Frizzled 4. <i>Developmental Neurobiology</i> , 2015, 75, 805-822.	1.5	27
13	TBC1D3 promotes neural progenitor proliferation by suppressing the histone methyltransferase G9a. <i>Science Advances</i> , 2021, 7, .	4.7	27
14	Geranylgeranyltransferase I is essential for dendritic development of cerebellar Purkinje cells. <i>Molecular Brain</i> , 2010, 3, 18.	1.3	17
15	Emerging neurotropic features of SARS-CoV-2. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 705-711.	1.5	12
16	Heterogeneous nuclear ribonucleoprotein A3a controls mitotic progression of neural progenitors via interaction with cohesin. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	11
17	The CTNNBIP1-CLSTN1 fusion transcript regulates human neocortical development. <i>Cell Reports</i> , 2021, 35, 109290.	2.9	9
18	Tumor necrosis factor alpha mediates neuromuscular synapse elimination. <i>Cell Discovery</i> , 2020, 6, 9.	3.1	5

#	ARTICLE	IF	CITATIONS
19	Single-Cell RNA Sequencing Reveals Cell-Type-Specific Mechanisms of Neurological Diseases. Neuroscience Bulletin, 2020, 36, 821-824.	1.5	4
20	Vascularizing the brain organoids. Journal of Molecular Cell Biology, 2022, 14, .	1.5	1