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	Generation of vascularized brain organoids to study neurovascular interactions. ELife, 2022, 11, .	2.8	94
2	Vascularizing the brain organoids. Journal of Molecular Cell Biology, 2022, 14, .	1.5	1
3	The CTNNBIP1-CLSTN1 fusion transcript regulates human neocortical development. Cell Reports, 2021, 35, 109290.	2.9	9
4	Emerging neurotropic features of SARS-CoV-2. Journal of Molecular Cell Biology, 2021, 13, 705-711.	1.5	12
5	TBC1D3 promotes neural progenitor proliferation by suppressing the histone methyltransferase G9a. Science Advances, 2021, 7, .	4.7	27
6	Heterogeneous nuclear ribonucleoprotein A3a controls mitotic progression of neural progenitors via interaction with cohesin. Development (Cambridge), 2020, 147, .	1.2	11
7	Tumor necrosis factor alpha mediates neuromuscular synapse elimination. Cell Discovery, 2020, 6, 9.	3.1	5
8	Single-Cell RNA Sequencing Reveals Cell-Type-Specific Mechanisms of Neurological Diseases. Neuroscience Bulletin, 2020, 36, 821-824.	1.5	4
9	Single-cell transcriptomes reveal molecular specializations of neuronal cell types in the developing cerebellum. Journal of Molecular Cell Biology, 2019, 11, 636-648.	1.5	38
10	The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice. ELife, 2016, 5, .	2.8	126
11	Vertical transmission of Zika virus targeting the radial glial cells affects cortex development of offspring mice. Cell Research, 2016, 26, 645-654.	5.7	254
12	Autophagy induction stabilizes microtubules and promotes axon regeneration after spinal cord injury. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11324-11329.	3.3	144
13	A novel Wnt5aâ€Frizzled4 signaling pathway mediates activityâ€independent dendrite morphogenesis via the distal PDZ motif of Frizzled 4. Developmental Neurobiology, 2015, 75, 805-822.	1.5	27
14	The structural basis of Miranda-mediated Staufen localization during Drosophila neuroblast asymmetric division. Nature Communications, 2015, 6, 8381.	5.8	28
15	Semaphorin 3A activates the guanosine triphosphatase Rab5 to promote growth cone collapse and organize callosal axon projections. Science Signaling, 2014, 7, ra81.	1.6	43
16	MARCKS regulates membrane targeting of Rab10 vesicles to promote axon development. Cell Research, 2014, 24, 576-594.	5.7	56
17	Caspase-3 Cleavage of Dishevelled Induces Elimination of Postsynaptic Structures. Developmental Cell, 2014, 28, 670-684.	3.1	40
18	ProBDNF and Mature BDNF as Punishment and Reward Signals for Synapse Elimination at Mouse Neuromuscular Junctions. Journal of Neuroscience, 2013, 33, 9957-9962.	1.7	108

#	Article	IF	Citations
19	Geranylgeranyltransferase I is essential for dendritic development of cerebellar Purkinje cells. Molecular Brain, 2010, 3, 18.	1.3	17
20	Implication of Geranylgeranyltransferase I in Synapse Formation. Neuron, 2003, 40, 703-717.	3.8	75