

Fujun Luo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

723
citations

623734

14
h-index

996975

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g-index

15
all docs

15
docs citations

15
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium-channel number critically influences synaptic strength and plasticity at the active zone. <i>Nature Neuroscience</i> , 2012, 15, 998-1006.	14.8	116
2	How to make a synaptic ribbon: RIBEYE deletion abolishes ribbons in retinal synapses and disrupts neurotransmitter release. <i>EMBO Journal</i> , 2016, 35, 1098-1114.	7.8	114
3	Synaptotagmin-7-Mediated Asynchronous Release Boosts High-Fidelity Synchronous Transmission at a Central Synapse. <i>Neuron</i> , 2017, 94, 826-839.e3.	8.1	81
4	SNARE Proteins Synaptobrevin, SNAP-25, and Syntaxin Are Involved in Rapid and Slow Endocytosis at Synapses. <i>Cell Reports</i> , 2013, 3, 1414-1421.	6.4	71
5	Neurexins cluster Ca ²⁺ channels within the presynaptic active zone. <i>EMBO Journal</i> , 2020, 39, e103208.	7.8	58
6	Synaptotagmin-7 Is Essential for Ca ²⁺ -Triggered Delayed Asynchronous Release But Not for Ca ²⁺ -Dependent Vesicle Priming in Retinal Ribbon Synapses. <i>Journal of Neuroscience</i> , 2015, 35, 11024-11033.	3.6	53
7	Single-Pixel Optical Fluctuation Analysis of Calcium Channel Function in Active Zones of Motor Nerve Terminals. <i>Journal of Neuroscience</i> , 2011, 31, 11268-11281.	3.6	45
8	The GABA receptor GABRR1 is expressed on and functional in hematopoietic stem cells and megakaryocyte progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18416-18422.	7.1	28
9	Efficient stimulus-secretion coupling at ribbon synapses requires RIM-binding protein tethering of L-type Ca ²⁺ channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8081-E8090.	7.1	26
10	Sustained synaptic-vesicle recycling by bulk endocytosis contributes to the maintenance of high-rate neurotransmitter release stimulated by glycerotoxin. <i>Journal of Cell Science</i> , 2010, 123, 1131-1140.	2.0	25
11	Transmitter release is evoked with low probability predominately by calcium flux through single channel openings at the frog neuromuscular junction. <i>Journal of Neurophysiology</i> , 2015, 113, 2480-2489.	1.8	25
12	Neurexins regulate presynaptic GABAB-receptors at central synapses. <i>Nature Communications</i> , 2021, 12, 2380.	12.8	24
13	A Membrane Pool Retrieved via Endocytosis Overshoot at Nerve Terminals: A Study of Its Retrieval Mechanism and Role. <i>Journal of Neuroscience</i> , 2012, 32, 3398-3404.	3.6	21
14	Most Vesicles in a Central Nerve Terminal Participate in Recycling. <i>Journal of Neuroscience</i> , 2013, 33, 8820-8826.	3.6	21
15	RIM-binding proteins recruit BK channels to presynaptic release sites adjacent to voltage-gated Ca ²⁺ channels. <i>EMBO Journal</i> , 2018, 37, .	7.8	15