Fujun Luo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2149238/publications.pdf

Version: 2024-02-01

15 papers	723 citations	623734 14 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1122 citing authors

#	Article	IF	Citations
1	Neurexins regulate presynaptic GABAB-receptors at central synapses. Nature Communications, 2021, 12, 2380.	12.8	24
2	Neurexins cluster Ca ²⁺ channels within the presynaptic active zone. EMBO Journal, 2020, 39, e103208.	7.8	58
3	The GABA receptor GABRR1 is expressed on and functional in hematopoietic stem cells and megakaryocyte progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18416-18422.	7.1	28
4	<scp>RIM</scp> â€binding proteins recruit BKâ€channels to presynaptic release sites adjacent to voltageâ€gated Ca ²⁺ â€channels. EMBO Journal, 2018, 37, .	7.8	15
5	Synaptotagmin-7-Mediated Asynchronous Release Boosts High-Fidelity Synchronous Transmission at a Central Synapse. Neuron, 2017, 94, 826-839.e3.	8.1	81
6	Efficient stimulus-secretion coupling at ribbon synapses requires RIM-binding protein tethering of L-type Ca ²⁺ channels. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8081-E8090.	7.1	26
7	How to make a synaptic ribbon: RIBEYE deletion abolishes ribbons in retinal synapses and disrupts neurotransmitter release. EMBO Journal, 2016, 35, 1098-1114.	7.8	114
8	Transmitter release is evoked with low probability predominately by calcium flux through single channel openings at the frog neuromuscular junction. Journal of Neurophysiology, 2015, 113, 2480-2489.	1.8	25
9	Synaptotagmin-7 Is Essential for Ca2+-Triggered Delayed Asynchronous Release But Not for Ca2+-Dependent Vesicle Priming in Retinal Ribbon Synapses. Journal of Neuroscience, 2015, 35, 11024-11033.	3.6	53
10	SNARE Proteins Synaptobrevin, SNAP-25, and Syntaxin Are Involved in Rapid and Slow Endocytosis at Synapses. Cell Reports, 2013, 3, 1414-1421.	6.4	71
11	Most Vesicles in a Central Nerve Terminal Participate in Recycling. Journal of Neuroscience, 2013, 33, 8820-8826.	3.6	21
12	A Membrane Pool Retrieved via Endocytosis Overshoot at Nerve Terminals: A Study of Its Retrieval Mechanism and Role. Journal of Neuroscience, 2012, 32, 3398-3404.	3.6	21
13	Calcium-channel number critically influences synaptic strength and plasticity at the active zone. Nature Neuroscience, 2012, 15, 998-1006.	14.8	116
14	Single-Pixel Optical Fluctuation Analysis of Calcium Channel Function in Active Zones of Motor Nerve Terminals. Journal of Neuroscience, 2011, 31, 11268-11281.	3.6	45
15	Sustained synaptic-vesicle recycling by bulk endocytosis contributes to the maintenance of high-rate neurotransmitter release stimulated by glycerotoxin. Journal of Cell Science, 2010, 123, 1131-1140.	2.0	25