

Martin MÃ¼ller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7958792/publications.pdf>

Version: 2024-02-01

18
papers

1,258
citations

840776

11
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

1140
citing authors

#	ARTICLE	IF	CITATIONS
1	RIM-Binding Protein, a Central Part of the Active Zone, Is Essential for Neurotransmitter Release. <i>Science</i> , 2011, 334, 1565-1569.	12.6	257
2	Homeostatic Control of Presynaptic Neurotransmitter Release. <i>Annual Review of Physiology</i> , 2015, 77, 251-270.	13.1	212
3	RIM Controls Homeostatic Plasticity through Modulation of the Readily-Releasable Vesicle Pool. <i>Journal of Neuroscience</i> , 2012, 32, 16574-16585.	3.6	180
4	Transsynaptic Control of Presynaptic Ca ²⁺ Influx Achieves Homeostatic Potentiation of Neurotransmitter Release. <i>Current Biology</i> , 2012, 22, 1102-1108.	3.9	107
5	Rab3-GAP Controls the Progression of Synaptic Homeostasis at a Late Stage of Vesicle Release. <i>Neuron</i> , 2011, 69, 749-762.	8.1	96
6	A Presynaptic ENaC Channel Drives Homeostatic Plasticity. <i>Neuron</i> , 2013, 79, 1183-1196.	8.1	92
7	RIM-Binding Protein Links Synaptic Homeostasis to the Stabilization and Replenishment of High Release Probability Vesicles. <i>Neuron</i> , 2015, 85, 1056-1069.	8.1	83
8	Homeostatic control of <i>Drosophila</i> neuromuscular junction function. <i>Synapse</i> , 2020, 74, e22133.	1.2	61
9	Rapid and sustained homeostatic control of presynaptic exocytosis at a central synapse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23783-23789.	7.1	44
10	Dysbindin links presynaptic proteasome function to homeostatic recruitment of low release probability vesicles. <i>Nature Communications</i> , 2018, 9, 267.	12.8	40
11	Homeostatic plasticity—a presynaptic perspective. <i>Current Opinion in Neurobiology</i> , 2019, 54, 155-162.	4.2	38
12	GluA4 facilitates cerebellar expansion coding and enables associative memory formation. <i>ELife</i> , 2021, 10, .	6.0	11
13	The human cognition-enhancing <i>CORD7</i> mutation increases active zone number and synaptic release. <i>Brain</i> , 2022, 145, 3787-3802.	7.6	8
14	Distinct molecular pathways govern presynaptic homeostatic plasticity. <i>Cell Reports</i> , 2021, 37, 110105.	6.4	8
15	The E3 ligase <i>Thin</i> controls homeostatic plasticity through neurotransmitter release repression. <i>ELife</i> , 0, 11, .	6.0	8
16	The RNA-binding protein <i>Musashi</i> controls axon compartment-specific synaptic connectivity through <i>ptp69D</i> mRNA poly(A)-tailing. <i>Cell Reports</i> , 2021, 36, 109713.	6.4	5
17	Vesicle Priming in a <i>SNAP</i> . <i>Neuron</i> , 2010, 68, 324-326.	8.1	1
18	Linking Protons to Homeostatic Plasticity. <i>Neuroscience</i> , 2021, 467, 185-187.	2.3	0