

Cordelia Imig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1125827/publications.pdf>

Version: 2024-02-01

19
papers

1,562
citations

687220

13
h-index

794469

19
g-index

29
all docs

29
docs citations

29
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	3.8	518
2	The Morphological and Molecular Nature of Synaptic Vesicle Priming at Presynaptic Active Zones. <i>Neuron</i> , 2014, 84, 416-431.	3.8	344
3	Formation and Maintenance of Functional Spines in the Absence of Presynaptic Glutamate Release. <i>Neuron</i> , 2017, 94, 304-311.e4.	3.8	115
4	Electron Microscopy of the Mouse Central Nervous System. <i>Methods in Cell Biology</i> , 2010, 96, 475-512.	0.5	92
5	Primordial neurosecretory apparatus identified in the choanoflagellate <i>Monosiga brevicollis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15264-15269.	3.3	74
6	Munc13-Independent Vesicle Priming at Mouse Photoreceptor Ribbon Synapses. <i>Journal of Neuroscience</i> , 2012, 32, 8040-8052.	1.7	62
7	Ultrastructural Correlates of Presynaptic Functional Heterogeneity in Hippocampal Synapses. <i>Cell Reports</i> , 2020, 30, 3632-3643.e8.	2.9	55
8	Identification of a Munc13-sensitive step in chromaffin cell large dense-core vesicle exocytosis. <i>ELife</i> , 2015, 4, .	2.8	47
9	Ultrastructural Imaging of Activity-Dependent Synaptic Membrane-Trafficking Events in Cultured Brain Slices. <i>Neuron</i> , 2020, 108, 843-860.e8.	3.8	42
10	An active vesicle priming machinery suppresses axon regeneration upon adult CNS injury. <i>Neuron</i> , 2022, 110, 51-69.e7.	3.8	40
11	Complexin 3 Increases the Fidelity of Signaling in a Retinal Circuit by Regulating Exocytosis at Ribbon Synapses. <i>Cell Reports</i> , 2016, 15, 2239-2250.	2.9	36
12	Molecular and functional architecture of striatal dopamine release sites. <i>Neuron</i> , 2022, 110, 248-265.e9.	3.8	29
13	Complexin cooperates with Bruchpilot to tether synaptic vesicles to the active zone cytomatrix. <i>Journal of Cell Biology</i> , 2019, 218, 1011-1026.	2.3	22
14	Synaptotagmin-7 places dense-core vesicles at the cell membrane to promote Munc13-2- and Ca ²⁺ -dependent priming. <i>ELife</i> , 2021, 10, .	2.8	22
15	Choanoflagellates and the ancestry of neurosecretory vesicles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190759.	1.8	17
16	CtBP1-Mediated Membrane Fission Contributes to Effective Recycling of Synaptic Vesicles. <i>Cell Reports</i> , 2020, 30, 2444-2459.e7.	2.9	14
17	3D Analysis of Synaptic Ultrastructure in Organotypic Hippocampal Slice Culture by High-Pressure Freezing and Electron Tomography. <i>Methods in Molecular Biology</i> , 2017, 1538, 215-231.	0.4	7
18	The Synaptic Vesicle Priming Protein CAPS-1 Shapes the Adaptation of Sensory Evoked Responses in Mouse Visual Cortex. <i>Cell Reports</i> , 2020, 30, 3261-3269.e4.	2.9	7

#	ARTICLE	IF	CITATIONS
19	The Morphological and Molecular Nature of Synaptic Vesicle Priming at Presynaptic Active Zones. Neuron, 2014, 84, 882.	3.8	4