Wonchul Shin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11884325/publications.pdf

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17	1,211	759233 12	940533 16
papers	citations	h-index	g-index

19	19	19	1697
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exocytosis and Endocytosis: Modes, Functions, and Coupling Mechanisms. Annual Review of Physiology, 2014, 76, 301-331.	13.1	334
2	Visualization of Membrane Pore in Live Cells Reveals a Dynamic-Pore Theory Governing Fusion and Endocytosis. Cell, 2018, 173, 934-945.e12.	28.9	163
3	Actin dynamics provides membrane tension to merge fusing vesicles into the plasma membrane. Nature Communications, 2016, 7, 12604.	12.8	127
4	Hemi-fused structure mediates and controls fusion and fission in live cells. Nature, 2016, 534, 548-552.	27.8	117
5	Calcium-channel number critically influences synaptic strength and plasticity at the active zone. Nature Neuroscience, 2012, 15, 998-1006.	14.8	116
6	Post-fusion structural changes and their roles in exocytosis and endocytosis of dense-core vesicles. Nature Communications, 2014, 5, 3356.	12.8	77
7	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
8	The SNARE Proteins SNAP25 and Synaptobrevin Are Involved in Endocytosis at Hippocampal Synapses. Journal of Neuroscience, 2013, 33, 9169-9175.	3.6	53
9	Voltage-Dependent Calcium Channels at the Plasma Membrane, but Not Vesicular Channels, Couple Exocytosis to Endocytosis. Cell Reports, 2012, 1, 632-638.	6.4	41
10	Vesicle Shrinking and Enlargement Play Opposing Roles in the Release of Exocytotic Contents. Cell Reports, 2020, 30, 421-431.e7.	6.4	41
11	Measurement of Changes in Membrane Surface Morphology Associated with Exocytosis Using Scanning Ion Conductance Microscopy. Biophysical Journal, 2006, 91, L63-L65.	0.5	27
12	Preformed Î©-profile closure and kiss-and-run mediate endocytosis and diverse endocytic modes in neuroendocrine chromaffin cells. Neuron, 2021, 109, 3119-3134.e5.	8.1	24
13	Clathrin-mediated endocytosis cooperates with bulk endocytosis to generate vesicles. IScience, 2022, 25, 103809.	4.1	7
14	Sequential compound fusion and kiss-and-run mediate exo- and endocytosis in excitable cells. Science Advances, 2022, 8, .	10.3	5
15	Molecular mechanics underlying flat-to-round membrane budding in live secretory cells. Nature Communications, 2022, 13, .	12.8	5
16	Real-time visualization of exo- and endocytosis membrane dynamics with confocal and super-resolution microscopy. STAR Protocols, 2022, 3, 101404.	1.2	2
17	Vesicle Structural Changes Control Content Release of Transmitters and Hormones. Microscopy and Microanalysis, 2019, 25, 1172-1173.	0.4	0