

# Wonchul Shin

## List of Publications by Year in descending order

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

Version: 2024-02-01

17  
papers

1,211  
citations

759233

12  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1697  
citing authors

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