

List of Publications by Year in descending order

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15
papers

901
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	ALIX- and ESCRT-III-dependent sorting of tetraspanins to exosomes. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	215
2	Mechanosensitive Fluorescent Probes to Image Membrane Tension in Mitochondria, Endoplasmic Reticulum, and Lysosomes. <i>Journal of the American Chemical Society</i> , 2019, 141, 3380-3384.	13.7	167
3	Decrease in plasma membrane tension triggers PtdIns(4,5)P2 phase separation to inactivate TORC2. <i>Nature Cell Biology</i> , 2018, 20, 1043-1051.	10.3	114
4	Endosomal membrane tension regulates ESCRT-III-dependent intra-luminal vesicle formation. <i>Nature Cell Biology</i> , 2020, 22, 947-959.	10.3	68
5	Passive coupling of membrane tension and cell volume during active response of cells to osmosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	65
6	LimeSeg: a coarse-grained lipid membrane simulation for 3D image segmentation. <i>BMC Bioinformatics</i> , 2019, 20, 2.	2.6	61
7	Fluorescent Membrane Tension Probes for Super-Resolution Microscopy: Combining Mechanosensitive Cascade Switching with Dynamic-Covalent Ketone Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 12034-12038.	13.7	53
8	Lysosomal retargeting of Myoferlin mitigates membrane stress to enable pancreatic cancer growth. <i>Nature Cell Biology</i> , 2021, 23, 232-242.	10.3	41
9	ALG-2 interacting protein-X (Alix) is essential for clathrin-independent endocytosis and signaling. <i>Scientific Reports</i> , 2016, 6, 26986.	3.3	33
10	Fluorescent Membrane Tension Probes for Early Endosomes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12258-12263.	13.8	28
11	HydroFlipper membrane tension probes: imaging membrane hydration and mechanical compression simultaneously in living cells. <i>Chemical Science</i> , 2022, 13, 2086-2093.	7.4	21
12	Flipper Probes for the Community. <i>Chimia</i> , 2021, 75, 1004.	0.6	9
13	Fluorescent Membrane Tension Probes for Early Endosomes. <i>Angewandte Chemie</i> , 2021, 133, 12366-12371.	2.0	8
14	The Dynamic Range of Acidity: Tracking Rules for the Unidirectional Penetration of Cellular Compartments. <i>ChemBioChem</i> , 2022, 23, .	2.6	6
15	Alix is required for activity-dependent bulk endocytosis at brain synapses. <i>PLoS Biology</i> , 2022, 20, e3001659.	5.6	4