

Tom Shemesh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9942258/publications.pdf>

Version: 2024-02-01

11
papers

751
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1261
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular chirality arising from the self-organization of the actin cytoskeleton. <i>Nature Cell Biology</i> , 2015, 17, 445-457.	10.3	350
2	A model for the generation and interconversion of ER morphologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5243-51.	7.1	112
3	A "Push and Slide" Mechanism Allows Sequence-Insensitive Translocation of Secretory Proteins by the SecA ATPase. <i>Cell</i> , 2014, 157, 1416-1429.	28.9	103
4	Cis and trans interactions between atlastin molecules during membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1851-60.	7.1	65
5	Mechanism of membrane-curvature generation by ER-tubule shaping proteins. <i>Nature Communications</i> , 2021, 12, 568.	12.8	55
6	A Model for Shaping Membrane Sheets by Protein Scaffolds. <i>Biophysical Journal</i> , 2015, 109, 564-573.	0.5	24
7	A role for endoplasmic reticulum dynamics in the cellular distribution of microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2104309119.	7.1	15
8	Buckle up: Membrane tension drives lamellipodial network compression and adhesion deposition. <i>Journal of Cell Biology</i> , 2017, 216, 2619-2621.	5.2	9
9	Physical Model for Stabilization and Repair of Trans-endothelial Apertures. <i>Biophysical Journal</i> , 2017, 112, 388-397.	0.5	8
10	The tilted helix model of dynamin oligomers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12845-12850.	7.1	8
11	Neuron tracing and quantitative analyses of dendritic architecture reveal symmetrical three-way-junctions and phenotypes of git-1 in <i>C. elegans</i> . <i>PLoS Computational Biology</i> , 2021, 17, e1009185.	3.2	2