

Andrew Callan-Jones

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1806258/publications.pdf>

Version: 2024-02-01

10
papers

1,668
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1871
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing physical mechanisms for membrane curvature-driven sorting of BAR-domain proteins. <i>Soft Matter</i> , 2021, 17, 4254-4265.	2.7	16
2	Curving Cells Inside and Out: Roles of BAR Domain Proteins in Membrane Shaping and Its Cellular Implications. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 111-129.	9.4	102
3	Membrane curvature regulates ligand-specific membrane sorting of GPCRs in living cells. <i>Nature Chemical Biology</i> , 2017, 13, 724-729.	8.0	81
4	Friction Mediates Scission of Tubular Membranes Scaffolded by BAR Proteins. <i>Cell</i> , 2017, 170, 172-184.e11.	28.9	171
5	Physical basis of some membrane shaping mechanisms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160034.	3.4	40
6	IRSp53 senses negative membrane curvature and phase separates along membrane tubules. <i>Nature Communications</i> , 2015, 6, 8529.	12.8	180
7	When Physics Takes Over: BAR Proteins and Membrane Curvature. <i>Trends in Cell Biology</i> , 2015, 25, 780-792.	7.9	247
8	Membrane Shape Modulates Transmembrane Protein Distribution. <i>Developmental Cell</i> , 2014, 28, 212-218.	7.0	197
9	Nature of curvature coupling of amphiphysin with membranes depends on its bound density. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 173-178.	7.1	266
10	Curvature-driven lipid sorting needs proximity to a demixing point and is aided by proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5622-5626.	7.1	368