

Andrew Callan-Jones

List of Publications by Year in descending order

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

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