Daniel E Asarnow

List of Publications by Year
in descending order

11 papers	1,182 citations	1163117 8 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	2992 citing authors

#	Article	IF	Citations
1	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. Science, 2020, 370, .	12.6	508
2	Structure of the human TRPM4 ion channel in a lipid nanodisc. Science, 2018, 359, 228-232.	12.6	219
3	Structural Basis for Cholesterol Transport-like Activity of the Hedgehog Receptor Patched. Cell, 2018, 175, 1352-1364.e14.	28.9	197
4	Structural insight into TRPV5 channel function and modulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8869-8878.	7.1	78
5	Structural insight into SARS-CoV-2 neutralizing antibodies and modulation of syncytia. Cell, 2021, 184, 3192-3204.e16.	28.9	68
6	Enhancing the signal-to-noise ratio and generating contrast for cryo-EM images with convolutional neural networks. IUCrJ, 2020, 7, 1142-1150.	2.2	24
7	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. PLoS Pathogens, 2020, 16, e1008966.	4.7	18
8	Dispatched uses Na+ flux to power release of lipid-modified Hedgehog. Nature, 2021, 599, 320-324.	27.8	16
9	Ion Channel in Lipid Nanodisc By Single Particle Cryo-EM - Pushing The Technology Limit. Microscopy and Microanalysis, 2017, 23, 822-823.	0.4	2
10	Feasibility of Cryo-EM for Structural Characterization of Small Membrane Proteins. Biophysical Journal, 2017, 112, 577a.	0.5	0
11	Classifying Liganded States in Heterogeneous Single-Particle Cryo-EM Datasets. Microscopy (Oxford,) Tj ETQq1 1 0.784314 rgBT /Over	1.5	0