

jacques Prost

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2587446/publications.pdf>

Version: 2024-02-01

10
papers

1,092
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluidization of tissues by cell division and apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20863-20868.	7.1	379
2	Nonequilibrium Fluctuations, Traveling Waves, and Instabilities in Active Membranes. Physical Review Letters, 2000, 84, 3494-3497.	7.8	205
3	Stress Clamp Experiments on Multicellular Tumor Spheroids. Physical Review Letters, 2011, 107, 188102.	7.8	188
4	Homeostatic competition drives tumor growth and metastasis nucleation. HFSP Journal, 2009, 3, 265-272.	2.5	152
5	Mechanical Control of Cell flow in Multicellular Spheroids. Physical Review Letters, 2013, 110, 138103.	7.8	57
6	Stress distributions and cell flows in a growing cell aggregate. Interface Focus, 2014, 4, 20140033.	3.0	49
7	Fluid pumping and active flexoelectricity can promote lumen nucleation in cell assemblies. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19264-19273.	7.1	29
8	Hydraulic and electric control of cell spheroids. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
9	Field induced cell proliferation and death in a model epithelium. New Journal of Physics, 2019, 21, 043035.	2.9	8
10	The characteristics of nuclear membrane fluctuations in stem cells. Journal of the Royal Society Interface, 2021, 18, 20201010.	3.4	2