

Madhav Mani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10772249/publications.pdf>

Version: 2024-02-01

10
papers

891
citations

1040056

9
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

1003
citing authors

#	ARTICLE	IF	CITATIONS
1	Precursors to Splashing of Liquid Droplets on a Solid Surface. <i>Physical Review Letters</i> , 2009, 102, 134502.	7.8	206
2	Principles of E-Cadherin Supramolecular Organization In Vivo. <i>Current Biology</i> , 2013, 23, 2197-2207.	3.9	165
3	Events before droplet splashing on a solid surface. <i>Journal of Fluid Mechanics</i> , 2010, 647, 163-185.	3.4	161
4	Distinct contributions of tensile and shear stress on E-cadherin levels during morphogenesis. <i>Nature Communications</i> , 2018, 9, 5021.	12.8	100
5	Propagation of Dachsous-Fat Planar Cell Polarity. <i>Current Biology</i> , 2012, 22, 1302-1308.	3.9	98
6	Active tension network model suggests an exotic mechanical state realized in epithelial tissues. <i>Nature Physics</i> , 2017, 13, 1221-1226.	16.7	73
7	How Things Get Stuck: Kinetics, Elasto-hydrodynamics, and Soft Adhesion. <i>Physical Review Letters</i> , 2012, 108, 226104.	7.8	35
8	Collective polarization model for gradient sensing via Dachsous-Fat intercellular signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20420-20425.	7.1	31
9	A scheme for 3-dimensional morphological reconstruction and force inference in the early <i>C. elegans</i> embryo. <i>PLoS ONE</i> , 2018, 13, e0199151.	2.5	13
10	The role of intracellular interactions in the collective polarization of tissues and its interplay with cellular geometry. <i>PLoS Computational Biology</i> , 2019, 15, e1007454.	3.2	4