

Madhav Mani

List of Publications by Year in descending order

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