

Ritvik Vasan

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

231
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic insights into actin force generation during vesicle formation from cryo-electron tomography. <i>Developmental Cell</i> , 2022, 57, 1132-1145.e5.	7.0	21
2	Biomembranes undergo complex, non-axisymmetric deformations governed by Kirchhoff's Love kinematics and revealed by a three-dimensional computational framework. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20210246.	2.1	4
3	A mechanical model reveals that non-axisymmetric buckling lowers the energy barrier associated with membrane neck constriction. <i>Soft Matter</i> , 2020, 16, 784-797.	2.7	29
4	Principles of self-organization and load adaptation by the actin cytoskeleton during clathrin-mediated endocytosis. <i>ELife</i> , 2020, 9, .	6.0	117
5	DLITE Uses Cell-Cell Interface Movement to Better Infer Cell-Cell Tensions. <i>Biophysical Journal</i> , 2019, 117, 1714-1727.	0.5	9
6	The role of traction in membrane curvature generation. <i>Molecular Biology of the Cell</i> , 2018, 29, 2024-2035.	2.1	34
7	The Role of Traction in Membrane Curvature Generation. <i>Biophysical Journal</i> , 2018, 114, 600a.	0.5	10