

# Ritvik Vasan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3940190/publications.pdf>

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	Principles of self-organization and load adaptation by the actin cytoskeleton during clathrin-mediated endocytosis. <i>ELife</i> , 2020, 9, .	6.0	117
2	The role of traction in membrane curvature generation. <i>Molecular Biology of the Cell</i> , 2018, 29, 2024-2035.	2.1	34
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	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
5	The Role of Traction in Membrane Curvature Generation. <i>Biophysical Journal</i> , 2018, 114, 600a.	0.5	10
6	DLITE Uses Cell-Cell Interface Movement to Better Infer Cell-Cell Tensions. <i>Biophysical Journal</i> , 2019, 117, 1714-1727.	0.5	9
7	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