

# Mithun K Mitra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3246638/publications.pdf>

Version: 2024-02-01

9  
papers

99  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
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12  
docs citations

12  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Lamin-Associated Chromatin Model for Chromosome Organization. <i>Biophysical Journal</i> , 2020, 118, 3041-3050.	0.5	21
2	Effect of catch bonding on transport of cellular cargo by dynein motors. <i>Physical Review E</i> , 2016, 94, 032403.	2.1	19
3	Delayed self-regulation and time-dependent chemical drive leads to novel states in epigenetic landscapes. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140706.	3.4	17
4	Reprogramming, oscillations and transdifferentiation in epigenetic landscapes. <i>Scientific Reports</i> , 2018, 8, 7358.	3.3	14
5	Dynein catch bond as a mediator of codependent bidirectional cellular transport. <i>Physical Review Research</i> , 2019, 1, .	3.6	13
6	Diffusion dynamics and steady states of systems of hard rods on a square lattice. <i>Physical Review E</i> , 2018, 97, 022108.	2.1	6
7	The Accidental Ally: Nucleosome Barriers Can Accelerate Cohesin-Mediated Loop Formation in Chromatin. <i>Biophysical Journal</i> , 2020, 119, 2316-2325.	0.5	5
8	Novel mechanism for oscillations in catchbonded motor-filament complexes. <i>Biophysical Journal</i> , 2021, 120, 4129-4136.	0.5	2
9	Pseudocleavage furrows restrict plasma membrane-associated PH domain in syncytial <i>Drosophila</i> embryos. <i>Biophysical Journal</i> , 2022, , .	0.5	1