

# Bidisha Sinha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/693555/publications.pdf>

Version: 2024-02-01

10  
papers

1,371  
citations

1307594

7  
h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. <i>Cell</i> , 2011, 144, 402-413.	28.9	791
2	Cellular capsules as a tool for multicellular spheroid production and for investigating the mechanics of tumor progression in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14843-14848.	7.1	367
3	Cholesterol Depletion by M <sup>1</sup> 2CD Enhances Cell Membrane Tension and Its Variations-Reducing Integrity. <i>Biophysical Journal</i> , 2019, 116, 1456-1468.	0.5	63
4	Dystrophy-associated caveolin-3 mutations reveal that caveolae couple IL6/STAT3 signaling with mechanosensing in human muscle cells. <i>Nature Communications</i> , 2019, 10, 1974.	12.8	55
5	Mapping Cell Membrane Fluctuations Reveals Their Active Regulation and Transient Heterogeneities. <i>Biophysical Journal</i> , 2017, 113, 1768-1781.	0.5	48
6	Cell spread area and traction forces determine myosin-II-based cortex thickness regulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 118516.	4.1	20
7	Dynamic Organization of Chromatin Assembly and Transcription Factories in Living Cells. <i>Methods in Cell Biology</i> , 2010, 98, 57-78.	1.1	10
8	Cellular and Nuclear Forces: An Overview. <i>Methods in Molecular Biology</i> , 2018, 1805, 1-29.	0.9	6
9	Effect of heterogeneous substrate adhesivity of follower cells on speed and tension profile of leader cells in primary keratocyte collective cell migration. <i>Biology Open</i> , 2022, 11, .	1.2	6
10	Membrane Homeostasis: The Role of Actin Cytoskeleton. <i>Journal of the Indian Institute of Science</i> , 2021, 101, 81-95.	1.9	2