

Vasudha Srivastava

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

913
citations

759233

12
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	MULTI-seq: sample multiplexing for single-cell RNA sequencing using lipid-tagged indices. <i>Nature Methods</i> , 2019, 16, 619-626.	19.0	421
2	Mechanoaccumulative Elements of the Mammalian Actin Cytoskeleton. <i>Current Biology</i> , 2016, 26, 1473-1479.	3.9	87
3	Understanding the Cooperative Interaction between Myosin II and Actin Cross-Linkers Mediated by Actin Filaments during Mechanosensation. <i>Biophysical Journal</i> , 2012, 102, 238-247.	0.5	82
4	Cigarette smoke disrupts monolayer integrity by altering epithelial cell-cell adhesion and cortical tension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L581-L591.	2.9	63
5	Mechanical Stress and Network Structure Drive Protein Dynamics during Cytokinesis. <i>Current Biology</i> , 2015, 25, 663-670.	3.9	49
6	Characterizing cellular mechanical phenotypes with mechano-node-pore sensing. <i>Microsystems and Nanoengineering</i> , 2018, 4, .	7.0	38
7	Cytokinesis: Robust cell shape regulation. <i>Seminars in Cell and Developmental Biology</i> , 2016, 53, 39-44.	5.0	29
8	Cell Blebbing in Confined Microfluidic Environments. <i>PLoS ONE</i> , 2016, 11, e0163866.	2.5	28
9	Organoid models for mammary gland dynamics and breast cancer. <i>Current Opinion in Cell Biology</i> , 2020, 66, 51-58.	5.4	27
10	A Novel Role for Aquaporin-5 in Enhancing Microtubule Organization and Stability. <i>PLoS ONE</i> , 2012, 7, e38717.	2.5	25
11	EPH/EPHRIN regulates cellular organization by actomyosin contractility effects on cell contacts. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	20
12	Mimicking the mechanical properties of the cell cortex by the self-assembly of an actin cortex in vesicles. <i>Applied Physics Letters</i> , 2014, 104, 153701.	3.3	18
13	Contractility kits promote assembly of the mechanoresponsive cytoskeletal network. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	14
14	A Summer Academic Research Experience for Disadvantaged Youth. <i>CBE Life Sciences Education</i> , 2013, 12, 410-418.	2.3	11