

# Vasudha Srivastava

## List of Publications by Year in descending order

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