Bipul Ranjan Acharya

List of Publications by Year
in descending order

19	990	623734	839539
papers	citations	14 h-index	18 g-index

20	20	20	1613
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Can mechanical forces attune heterotypic cell-cell communications?. Journal of Biomechanics, 2021, 121, 110409.	2.1	0
2	Caveolae Control Contractile Tension for Epithelia to Eliminate Tumor Cells. Developmental Cell, 2020, 54, 75-91.e7.	7.0	48
3	A Mechanosensitive RhoA Pathway that Protects Epithelia against Acute Tensile Stress. Developmental Cell, 2018, 47, 439-452.e6.	7.0	131
4	Probing compression versus stretch activated recruitment of cortical actin and apical junction proteins using mechanical stimulations of suspended doublets. APL Bioengineering, 2018, 2, 026111.	6.2	14
5	Mammalian Diaphanous 1 Mediates a Pathway for E-cadherin to Stabilize Epithelial Barriers through Junctional Contractility. Cell Reports, 2017, 18, 2854-2867.	6.4	94
6	Coronin 1B Reorganizes the Architecture of F-Actin Networks for Contractility at Steady-State and Apoptotic Adherens Junctions. Developmental Cell, 2016, 37, 58-71.	7.0	103
7	Remodeling the zonula adherens in response to tension and the role of afadin in this response. Journal of Cell Biology, 2016, 213, 243-260.	5.2	157
8	Pli Selon Pli. Current Topics in Developmental Biology, 2016, 117, 631-646.	2.2	9
9	The Nuclear Receptor, RORÎ³, Regulates Pathways Necessary for Breast Cancer Metastasis. EBioMedicine, 2016, 6, 59-72.	6.1	40
10	KIF17 regulates RhoA-dependent actin remodeling at epithelial cell-cell adhesions. Journal of Cell Science, 2016, 129, 957-70.	2.0	11
11	Thymoquinone inhibits microtubule polymerization by tubulin binding and causes mitotic arrest following apoptosis in A549 cells. Biochimie, 2014, 97, 78-91.	2.6	38
12	A biosensor of local kinesin activity reveals roles of PKC and EB1 in KIF17 activation. Journal of Cell Biology, 2013, 203, 445-455.	5.2	12
13	Apigenin shows synergistic anticancer activity with curcumin by binding at different sites of tubulin. Biochimie, 2013, 95, 1297-1309.	2.6	77
14	Direct Regulation of Microtubule Dynamics by KIF17 Motor and Tail Domains. Journal of Biological Chemistry, 2013, 288, 32302-32313.	3.4	18
15	The microtubule depolymerizing agent naphthazarin induces both apoptosis and autophagy in A549 lung cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 924-939.	4.9	68
16	Genistein Arrests Cell Cycle Progression of A549 Cells at the G2/M Phase and Depolymerizes Interphase Microtubules through Binding to a Unique Site of Tubulin. Biochemistry, 2010, 49, 1702-1712.	2.5	43
17	Vitamin K3 Disrupts the Microtubule Networks by Binding to Tubulin: A Novel Mechanism of Its Antiproliferative Activity. Biochemistry, 2009, 48, 6963-6974.	2.5	43
18	The Natural Naphthoquinone Plumbagin Exhibits Antiproliferative Activity and Disrupts the Microtubule Network through Tubulin Binding. Biochemistry, 2008, 47, 7838-7845.	2.5	69

#	Article	IF	Citations
19	Deuterium oxide stabilizes conformation of tubulin: a biophysical and biochemical study. BMB Reports, 2008, 41, 62-67.	2.4	14