

# Bipul Ranjan Acharya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3745280/publications.pdf>

Version: 2024-02-01

19  
papers

990  
citations

623734

14  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remodeling the zonula adherens in response to tension and the role of afadin in this response. <i>Journal of Cell Biology</i> , 2016, 213, 243-260.	5.2	157
2	A Mechanosensitive RhoA Pathway that Protects Epithelia against Acute Tensile Stress. <i>Developmental Cell</i> , 2018, 47, 439-452.e6.	7.0	131
3	Coronin 1B Reorganizes the Architecture of F-Actin Networks for Contractility at Steady-State and Apoptotic Adherens Junctions. <i>Developmental Cell</i> , 2016, 37, 58-71.	7.0	103
4	Mammalian Diaphanous 1 Mediates a Pathway for E-cadherin to Stabilize Epithelial Barriers through Junctional Contractility. <i>Cell Reports</i> , 2017, 18, 2854-2867.	6.4	94
5	Apigenin shows synergistic anticancer activity with curcumin by binding at different sites of tubulin. <i>Biochimie</i> , 2013, 95, 1297-1309.	2.6	77
6	The Natural Naphthoquinone Plumbagin Exhibits Antiproliferative Activity and Disrupts the Microtubule Network through Tubulin Binding. <i>Biochemistry</i> , 2008, 47, 7838-7845.	2.5	69
7	The microtubule depolymerizing agent naphthazarin induces both apoptosis and autophagy in A549 lung cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 924-939.	4.9	68
8	Caveolae Control Contractile Tension for Epithelia to Eliminate Tumor Cells. <i>Developmental Cell</i> , 2020, 54, 75-91.e7.	7.0	48
9	Vitamin K3 Disrupts the Microtubule Networks by Binding to Tubulin: A Novel Mechanism of Its Antiproliferative Activity. <i>Biochemistry</i> , 2009, 48, 6963-6974.	2.5	43
10	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. <i>Biochemistry</i> , 2010, 49, 1702-1712.	2.5	43
11	The Nuclear Receptor, ROR $\gamma$ 3, Regulates Pathways Necessary for Breast Cancer Metastasis. <i>EBioMedicine</i> , 2016, 6, 59-72.	6.1	40
12	Thymoquinone inhibits microtubule polymerization by tubulin binding and causes mitotic arrest following apoptosis in A549 cells. <i>Biochimie</i> , 2014, 97, 78-91.	2.6	38
13	Direct Regulation of Microtubule Dynamics by KIF17 Motor and Tail Domains. <i>Journal of Biological Chemistry</i> , 2013, 288, 32302-32313.	3.4	18
14	Probing compression versus stretch activated recruitment of cortical actin and apical junction proteins using mechanical stimulations of suspended doublets. <i>APL Bioengineering</i> , 2018, 2, 026111.	6.2	14
15	Deuterium oxide stabilizes conformation of tubulin: a biophysical and biochemical study. <i>BMB Reports</i> , 2008, 41, 62-67.	2.4	14
16	A biosensor of local kinesin activity reveals roles of PKC and EB1 in KIF17 activation. <i>Journal of Cell Biology</i> , 2013, 203, 445-455.	5.2	12
17	KIF17 regulates RhoA-dependent actin remodeling at epithelial cell-cell adhesions. <i>Journal of Cell Science</i> , 2016, 129, 957-70.	2.0	11
18	Pli Selon Pli. <i>Current Topics in Developmental Biology</i> , 2016, 117, 631-646.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Can mechanical forces attune heterotypic cell-cell communications?. Journal of Biomechanics, 2021, 121, 110409.	2.1	0