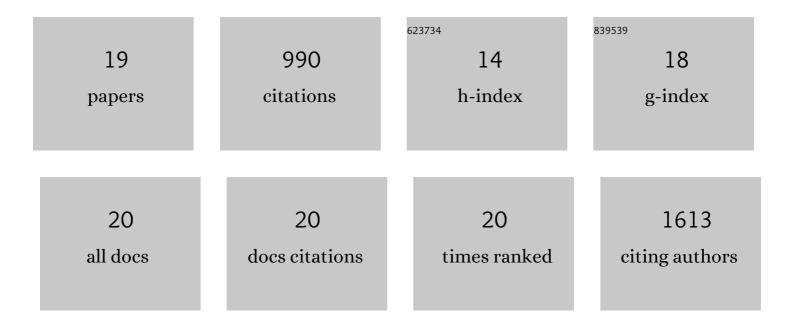
## Bipul Ranjan Acharya

List of Publications by Year in descending order

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RIDHI RANIAN ACHARYA

| #  | 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<br>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<br>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.<br>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, RORγ, Regulates Pathways Necessary for Breast Cancer Metastasis. EBioMedicine,<br>2016, 6, 59-72.   | 6.1 | 40        |
| 10 | KIF17 regulates RhoA-dependent actin remodeling at epithelial cell-cell adhesions. Journal of Cell<br>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<br>Biology, 2013, 203, 445-455.   | 5.2 | 12        |
| 13 | Apigenin shows synergistic anticancer activity with curcumin by binding at different sites of tubulin.<br>Biochimie, 2013, 95, 1297-1309.   | 2.6 | 77        |
| 14 | Direct Regulation of Microtubule Dynamics by KIF17 Motor and Tail Domains. Journal of Biological<br>Chemistry, 2013, 288, 32302-32313.  | 3.4 | 18        |
| 15 | The microtubule depolymerizing agent naphthazarin induces both apoptosis and autophagy in A549<br>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<br>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<br>Antiproliferative Activity. Biochemistry, 2009, 48, 6963-6974.  | 2.5 | 43        |
| 18 | The Natural Naphthoquinone Plumbagin Exhibits Antiproliferative Activity and Disrupts the<br>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<br>Reports, 2008, 41, 62-67. | 2.4 | 14        |