

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10546418/publications.pdf>

Version: 2024-02-01

14  
papers

1,447  
citations

932766

10  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of a basement membrane invasion assay using mesenteric tissue. <i>Methods in Cell Biology</i> , 2020, 157, 99-122.	0.5	4
2	Biomechanics of cancer cells. , 2020, , 327-361.		0
3	The emergence of solid stress as a potent biomechanical marker of tumour progression. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 739-749.	1.1	4
4	Chemoresistance and the Self-Maintaining Tumor Microenvironment. <i>Cancers</i> , 2018, 10, 471.	1.7	136
5	Role of Extracellular Matrix in Development and Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3028.	1.8	735
6	Mechanical unfolding reveals stable 3-helix intermediates in talin and $\beta$ -catenin. <i>PLoS Computational Biology</i> , 2018, 14, e1006126.	1.5	15
7	Mechanotransduction in talin through the interaction of the R8 domain with DLC1. <i>PLoS Biology</i> , 2018, 16, e2005599.	2.6	62
8	Traction force microscopy with elastic pillars for quantification of forces during cell apoptosis. <i>Convergent Science Physical Oncology</i> , 2016, 2, 044501.	2.6	2
9	All Subdomains of the Talin Rod Are Mechanically Vulnerable and May Contribute To Cellular Mechanosensing. <i>ACS Nano</i> , 2016, 10, 6648-6658.	7.3	61
10	ATRA modulates mechanical activation of TGF- $\beta$ 2 by pancreatic stellate cells. <i>Scientific Reports</i> , 2016, 6, 27639.	1.6	66
11	Quantitative analysis of 3D extracellular matrix remodelling by pancreatic stellate cells. <i>Biology Open</i> , 2016, 5, 875-882.	0.6	42
12	ATRA mechanically reprograms pancreatic stellate cells to suppress matrix remodelling and inhibit cancer cell invasion. <i>Nature Communications</i> , 2016, 7, 12630.	5.8	200
13	Adhesive ligand tether length affects the size and length of focal adhesions and influences cell spreading and attachment. <i>Scientific Reports</i> , 2016, 6, 34334.	1.6	59
14	Talin: a mechanosensitive molecule in health and disease. <i>FASEB Journal</i> , 2016, 30, 2073-2085.	0.2	61