

List of Publications by Year in descending order

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