

Qi Wen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9612390/publications.pdf>

Version: 2024-02-01

15
papers

408
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-affine deformations in polymer hydrogels. <i>Soft Matter</i> , 2012, 8, 8039.	2.7	123
2	Effects of non-linearity on cell-ECM interactions. <i>Experimental Cell Research</i> , 2013, 319, 2481-2489.	2.6	95
3	Aligned Nanotopography Promotes a Migratory State in Glioblastoma Multiforme Tumor Cells. <i>Scientific Reports</i> , 2016, 6, 26143.	3.3	46
4	Active Traction Force Response to Long-Term Cyclic Stretch Is Dependent on Cell Pre-stress. <i>Biophysical Journal</i> , 2016, 110, 1845-1857.	0.5	37
5	Temperature Effects on Threshold Counterion Concentration to Induce Aggregation of fd Virus. <i>Physical Review Letters</i> , 2006, 97, 048101.	7.8	24
6	Batch fabrication of electrochemical sensors on a glycol-modified polyethylene terephthalate-based microfluidic device. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112521.	10.1	16
7	Fiber based optical tweezers for simultaneous in situ force exertion and measurements in a 3D polyacrylamide gel compartment. <i>Biomedical Optics Express</i> , 2015, 6, 2325.	2.9	14
8	Objective-lens-free Fiber-based Position Detection with Nanometer Resolution in a Fiber Optical Trapping System. <i>Scientific Reports</i> , 2017, 7, 13168.	3.3	12
9	Vimentin intermediate filaments modulate cell traction force but not cell sensitivity to substrate stiffness. <i>Cytoskeleton</i> , 2021, 78, 293-302.	2.0	9
10	Heterogeneity Profoundly Alters Emergent Stress Fields in Constrained Multicellular Systems. <i>Biophysical Journal</i> , 2020, 118, 15-25.	0.5	8
11	Effects of PTEN Loss and Activated KRAS Overexpression on Mechanical Properties of Breast Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1613.	4.1	7
12	Heavy Metal Exposure Leads to Rapid Changes in Cellular Biophysical Properties. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1965-1976.	5.2	6
13	Reliable and mobile all-fiber modular optical tweezers. <i>Scientific Reports</i> , 2020, 10, 20099.	3.3	5
14	Effect of vimentin on cell migration in collagen-coated microchannels: A mimetic physiological confined environment. <i>Biomicrofluidics</i> , 2021, 15, 034105.	2.4	5
15	Microfluidic device as a facile in vitro tool to generate and investigate lipid gradients. <i>Chemistry and Physics of Lipids</i> , 2018, 210, 109-121.	3.2	1