Keyvan Mollaeian

List of Publications by Year
in descending order

9	136	1477746 6	1588620 8
papers	citations	h-index	g-index

9	9	9	174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Finite element modeling of living cells for AFM indentation-based biomechanical characterization. Micron, 2019, 116, 108-115.	1.1	33
2	Atomic force microscopy study revealed velocity-dependence and nonlinearity of nanoscale poroelasticity of eukaryotic cells. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 78, 65-73.	1.5	29
3	Effect of F-actin and Microtubules on Cellular Mechanical Behavior Studied Using Atomic Force Microscope and an Image Recognition-Based Cytoskeleton Quantification Approach. International Journal of Molecular Sciences, 2020, 21, 392.	1.8	19
4	Nonlinear Cellular Mechanical Behavior Adaptation to Substrate Mechanics Identified by Atomic Force Microscope. International Journal of Molecular Sciences, 2018, 19, 3461.	1.8	18
5	An Image Recognition-Based Approach to Actin Cytoskeleton Quantification. Electronics (Switzerland), 2018, 7, 443.	1.8	16
6	Development of an Online Raman Analysis Technique for Monitoring the Production of Biofuels. Energy & Fuels, 2016, 30, 4112-4117.	2.5	8
7	Investigation of the effect of substrate morphology on MDCK cell mechanical behavior using atomic force microscopy. Applied Physics Letters, 2019, 115, 063701.	1.5	6
8	Unique Orientation of the Solidâ€“Solid Interface at the Janus Particle Boundary Induced by Ionic Liquids. Journal of Physical Chemistry Letters, 2020, 11, 9834-9841.	2.1	5
9	Investigation of Nanoscale Poroelasticity of Eukaryotic Cells Using Atomic Force Microscopy. , 2017, , .		2