

Keyvan Mollaeian

List of Publications by Year in descending order

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9
papers

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citations

1477746
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9
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174
citing authors

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