

Coherent Timescales and Mechanical Structure of \hat{A} Mul

Biophysical Journal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A three dimensional model of multicellular aggregate compression. <i>Soft Matter</i> , 2019, 15, 10005-10019.	1.2	10
2	Dispersible hydrogel force sensors reveal patterns of solid mechanical stress in multicellular spheroid cultures. <i>Nature Communications</i> , 2019, 10, 144.	5.8	83
3	Double-mode relaxation of highly deformed anisotropic vesicles. <i>Physical Review E</i> , 2020, 102, 010605.	0.8	8
4	Cell spheroids as a versatile research platform: formation mechanisms, high throughput production, characterization and applications. <i>Biofabrication</i> , 2021, 13, 032002.	3.7	52
6	Guided assembly of cancer ellipsoid on suspended hydrogel microfibers estimates multi-cellular traction force. <i>Physical Biology</i> , 2021, 18, 036001.	0.8	2
7	Single-cell mechanical analysis and tension quantification via electrodeformation relaxation. <i>Physical Review E</i> , 2021, 103, 032409.	0.8	9
8	Activity-Induced Fluidization and Arrested Coalescence in Fusion of Cellular Aggregates. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	9
9	Mechanical properties of cell sheets and spheroids: the link between single cells and complex tissues. <i>Biophysical Reviews</i> , 2021, 13, 541-561.	1.5	34
10	Mechanical regulation of cell volume in 3D extracellular matrices. <i>Extreme Mechanics Letters</i> , 2021, 49, 101498.	2.0	2
11	Development of a device useful to reproducibly produce large quantities of viable and uniform stem cell spheroids with controlled diameters. <i>Materials Science and Engineering C</i> , 2022, 135, 112685.	3.8	8
12	An elasto-plastic biphasic model of the compression of multicellular aggregates: the influence of fluid on stress and deformation. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2022, 73, 1.	0.7	3
13	Arrested coalescence of multicellular aggregates. <i>Soft Matter</i> , 2022, 18, 3771-3780.	1.2	9
14	The importance of intermediate filaments in the shape maintenance of myoblast model tissues. <i>ELife</i> , 0, 11, .	2.8	5
16	Non-operable glioblastoma: Proposition of patient-specific forecasting by image-informed poromechanical model. <i>Brain Multiphysics</i> , 2023, 4, 100067.	0.8	1