

CITATION REPORT

List of articles citing

Morphological and Mechanical Properties of Osteosarcoma Microenvironment Cells Explored by Atomic Force Microscopy

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Analytical Sciences, 2016, 32, 1177-1182.

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#	Paper	IF	Citations
19	Single Cell Analysis. <i>Analytical Sciences</i> , 2017 , 33, 1209	1.7	2
18	AFM contribution to unveil pro- and eukaryotic cell mechanical properties. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 73, 177-187	7.5	25
17	Atomic Force Microscopy in Molecular and Cell Biology. 2018 ,		6
16	In Situ Measuring Mechanical Properties of Normal and Disease Cells. 2018 , 161-178		0
15	Biomechanical Characterization at the Cell Scale: Present and Prospects. <i>Frontiers in Physiology</i> , 2018 , 9, 1449	4.6	41
14	Mechanically cartilage-mimicking poly(PCL-PTHF urethane)/collagen nanofibers induce chondrogenesis by blocking NF-kappa B signaling pathway. <i>Biomaterials</i> , 2018 , 178, 281-292	15.6	43
13	Cell Adhesion, Morphology, and Metabolism Variation via Acoustic Exposure within Microfluidic Cell Handling Systems. <i>Advanced Science</i> , 2019 , 6, 1902326	13.6	24
12	On the biomechanical properties of osteosarcoma cells and their environment. <i>International Journal of Developmental Biology</i> , 2019 , 63, 1-8	1.9	13
11	Targeting Mechanotransduction in Osteosarcoma: A Comparative Oncology Perspective. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
10	Pulsed laser activated impulse response encoder (PLAIRE): sensitive evaluation of surface cellular stiffness on zebrafish embryos. <i>Biomedical Optics Express</i> , 2021 , 12, 1366-1374	3.5	0
9	Studies of osteoblast-like MG-63 cellular proliferation and differentiation with cyclic stretching cell culture system on biomimetic hydrophilic layers modified polydimethylsiloxane substrate. <i>Biochemical Engineering Journal</i> , 2021 , 168, 107946	4.2	1
8	MSC-derived exosomal lncRNA SNHG7 suppresses endothelial-mesenchymal transition and tube formation in diabetic retinopathy via miR-34a-5p/XBP1 axis. <i>Life Sciences</i> , 2021 , 272, 119232	6.8	17
7	Design of a microfluidic device for the phase-contrast tomography of flowing cells. 2021 ,		
6	Long non-coding RNA PVT1 encapsulated in bone marrow mesenchymal stem cell-derived exosomes promotes osteosarcoma growth and metastasis by stabilizing ERG and sponging miR-183-5p. <i>Aging</i> , 2019 , 11, 9581-9596	5.6	40
5	Programmed Topographic Substrates for Studying Roughness Gradient-Dependent Cell Migration Using Two-Photon Polymerization.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 825791	5.7	0
4	Cellular biomechanics: Fluid-structure interaction or structural simulation?. <i>Journal of Biomechanics</i> , 2022 , 136, 111084	2.9	
3	Morphological Dependence of Breast Cancer Cell Responses to Doxorubicin on Micropatterned Surfaces. <i>Polymers</i> , 2022 , 14, 2761	4.5	

2 The role of the cortex in indentation experiments of animal cells. ○

1 Methodologies and models for measuring viscoelastic properties of cancer cells: Towards a universal classification. **2023**, 140, 105734 ○