

Carlos Matellan

List of Publications by Year in descending order

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papers

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9
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352
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate Stiffness-Driven Membrane Tension Modulates Vesicular Trafficking <i>via</i> Caveolin-1. ACS Nano, 2022, 16, 4322-4337.	14.6	22
2	Impact of the multiscale viscoelasticity of quasi-2D self-assembled protein networks on stem cell expansion at liquid interfaces. Biomaterials, 2022, 284, 121494.	11.4	22
3	Self-Assembling Polypeptide Hydrogels as a Platform to Recapitulate the Tumor Microenvironment. Cancers, 2021, 13, 3286.	3.7	11
4	The Planar Polarity Component VANGL2 Is a Key Regulator of Mechanosignaling. Frontiers in Cell and Developmental Biology, 2020, 8, 577201.	3.7	17
5	G Protein-Coupled Estrogen Receptor Regulates Actin Cytoskeleton Dynamics to Impair Cell Polarization. Frontiers in Cell and Developmental Biology, 2020, 8, 592628.	3.7	8
6	GPER Activation Inhibits Cancer Cell Mechanotransduction and Basement Membrane Invasion via RhoA. Cancers, 2020, 12, 289.	3.7	16
7	Engineering the cellular mechanical microenvironment “from bulk mechanics to the nanoscale. Journal of Cell Science, 2019, 132, .	2.0	49
8	Where No Hand Has Gone Before: Probing Mechanobiology at the Cellular Level. ACS Biomaterials Science and Engineering, 2019, 5, 3703-3719.	5.2	20
9	Cost-effective rapid prototyping and assembly of poly(methyl methacrylate) microfluidic devices. Scientific Reports, 2018, 8, 6971.	3.3	92