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Publications

PUBLICATIONS

- **Viscoelasticity and Adhesion Signaling in Biomaterials Control Human Pluripotent Stem Cell Morphogenesis in 3D Culture.** *Advanced materials (Deerfield Beach, Fla.)*
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- **Transient mechanical interactions between cells and viscoelastic extracellular matrix.** *Soft matter*
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- **Tuning Viscoelasticity in Alginate Hydrogels for 3D Cell Culture Studies.** *Current protocols*
Charbonier, F., Indana, D., Chaudhuri, O.
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- **Magnetic probe-based microrheology reveals local softening and stiffening of 3D collagen matrices by fibroblasts.** *Biomedical microdevices*
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- **Cells under pressure.** *eLife*
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- **Are college campuses superspreaders? A data-driven modeling study.** *Computer methods in biomechanics and biomedical engineering*
Lu, H., Weintz, C., Pace, J., Indana, D., Linka, K., Kuhl, E.
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- **Study of Electric Field-Induced Evaporation Like Process and Nucleation in Nanoscale** *JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME*
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- **Covalent cross-linking of basement membrane-like matrices physically restricts invasive protrusions in breast cancer cells.** *Matrix biology : journal of the International Society for Matrix Biology*
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