

Hwanseok Jang

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Study on the Expansion Dynamics of MDCK Epithelium by Interstitial Flow Using a Traction Force-Measurable Microfluidic Chip. <i>Materials</i> , 2021, 14, 935. | 2.9 | 2 |
| 2 | Expression of E-Cadherin in Epithelial Cancer Cells Increases Cell Motility and Directionality through the Localization of ZO-1 during Collective Cell Migration. <i>Bioengineering</i> , 2021, 8, 65. | 3.5 | 6 |
| 3 | Traction Microscopy Integrated with Microfluidics for Chemotactic Collective Migration. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.3 | 1 |
| 4 | Traction microscopy with integrated microfluidics: responses of the multi-cellular island to gradients of HGF. <i>Lab on A Chip</i> , 2019, 19, 1579-1588. | 6.0 | 11 |
| 5 | Quantification of focal adhesion dynamics of cell movement based on cell-induced collagen matrix deformation using second-harmonic generation microscopy. <i>Journal of Biomedical Optics</i> , 2018, 23, 1. | 2.6 | 5 |
| 6 | Homogenizing cellular tension by hepatocyte growth factor in expanding epithelial monolayer. <i>Scientific Reports</i> , 2017, 7, 45844. | 3.3 | 20 |
| 7 | Directional migration of mesenchymal stem cells under an SDF-1 $\hat{\pm}$ gradient on a microfluidic device. <i>PLoS ONE</i> , 2017, 12, e0184595. | 2.5 | 32 |
| 8 | Cellular Contraction and Polarization Drive Collective Cellular Motion. <i>Biophysical Journal</i> , 2016, 110, 2729-2738. | 0.5 | 135 |