

Hwanseok Jang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

212
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

342
citing authors

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