Susan E Leggett

List of Publications by Year
in descending order

15	510	840585 11	1125617 13
papers	citations	h-index	g-index

18	18	18	922
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The epithelial-mesenchymal transition and the cytoskeleton in bioengineered systems. Cell Communication and Signaling, 2021, 19, 32.	2.7	64
2	Lipid phosphatase SHIPâ€1 regulates chondrocyte hypertrophy and skeletal development. Journal of Cellular Physiology, 2020, 235, 1425-1437.	2.0	5
3	Mechanophenotyping of 3D multicellular clusters using displacement arrays of rendered tractions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5655-5663.	3.3	27
4	Breast Cancer Cells Transition from Mesenchymal to Amoeboid Migration in Tunable Three-Dimensional Silkâ€“Collagen Hydrogels. ACS Biomaterials Science and Engineering, 2019, 5, 4341-4354.	2.6	33
5	Motility-limited aggregation of mammary epithelial cells into fractal-like clusters. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17298-17306.	3.3	26
6	Rapid, topology-based particle tracking for high-resolution measurements of large complex 3D motion fields. Scientific Reports, 2018, 8, 5581.	1.6	36
7	Swarming Migration of Co-attracting Mesenchymal Cells into Fractal-Like Epithelial Clusters. Biophysical Journal, 2018, 114, 513a-514a.	0.2	0
8	Three-Dimensional Traction Force Measurement using Planar Epifluorescence Microscopy for Cell Mechanics Studies. Biophysical Journal, 2018, 114, 515a.	0.2	0
9	Multicellular tumor invasion and plasticity in biomimetic materials. Biomaterials Science, 2017, 5, 1460-1479.	2.6	17
10	Stereolithographic printing of ionically-crosslinked alginate hydrogels for degradable biomaterials and microfluidics. Lab on A Chip, 2017, 17, 3474-3488.	3.1	72
11	Catching tumour cells in the zone. Nature Nanotechnology, 2017, 12, 191-193.	15.6	9
12	Morphological single cell profiling of the epithelialâ€“mesenchymal transition. Integrative Biology (United Kingdom), 2016, 8, 1133-1144.	0.6	56
13	Clustering and jamming in epithelialâ€“mesenchymal co-cultures. Soft Matter, 2016, 12, 8327-8337.	1.2	33
14	Wrinkled, wavelength-tunable graphene-based surface topographies for directing cell alignment and morphology. Carbon, 2016, 97, 14-24.	5.4	101
15	Induction of a Mesenchymal Expression Program in Lung Epithelial Cells by Wingless Protein (Wnt)/Î²-Catenin Requires the Presence of c-Jun N-Terminal Kinaseâ€“1 (JNK1). American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 306-314.	1.4	30