

Susan E Leggett

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

510
citations

840119

11
h-index

1125271

13
g-index

18
all docs

18
docs citations

18
times ranked

922
citing authors

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