

Matthew S Hall

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12139334/publications.pdf>

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12
papers

597
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Metastatic Conditioning of Myeloid Cells at a Subcutaneous Synthetic Niche Reflects Disease Progression and Predicts Therapeutic Outcomes. <i>Cancer Research</i> , 2020, 80, 602-612.	0.9	28
2	Towards systems tissue engineering: Elucidating the dynamics, spatial coordination, and individual cells driving emergent behaviors. <i>Biomaterials</i> , 2020, 255, 120189.	11.4	8
3	Physical confinement induces malignant transformation in mammary epithelial cells. <i>Biomaterials</i> , 2019, 217, 119307.	11.4	13
4	Glycation of collagen matrices promotes breast tumor cell invasion. <i>Integrative Biology (United Kingdom)</i> , 2019, 11, 1319.	1.3	19
5	Design of Large-Scale Reporter Construct Arrays for Dynamic, Live Cell Systems Biology. <i>ACS Synthetic Biology</i> , 2018, 7, 2063-2073.	3.8	3
6	Dynamic microRNA activity identifies therapeutic targets in trastuzumab-resistant HER2-positive breast cancer. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2613-2623.	3.3	10
7	Fibrous nonlinear elasticity enables positive mechanical feedback between cells and ECMs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14043-14048.	7.1	267
8	Epidermal growth factor promotes a mesenchymal over an amoeboid motility of MDA-MB-231 cells embedded within a 3D collagen matrix. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	8
9	An adaptive algorithm for tracking 3D bead displacements: application in biological experiments. <i>Measurement Science and Technology</i> , 2014, 25, 055701.	2.6	15
10	Toward single cell traction microscopy within 3D collagen matrices. <i>Experimental Cell Research</i> , 2013, 319, 2396-2408.	2.6	78
11	Mapping Three-Dimensional Stress and Strain Fields within a Soft Hydrogel Using a Fluorescence Microscope. <i>Biophysical Journal</i> , 2012, 102, 2241-2250.	0.5	40
12	Effects of Gel Thickness on Microscopic Indentation Measurements of Gel Modulus. <i>Biophysical Journal</i> , 2011, 101, 643-650.	0.5	108