

Laurel E Hind

List of Publications by Year in descending order

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17
papers

1,013
citations

777949

13
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1051228

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docs citations

17
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune Cell Paracrine Signaling Drives the Neutrophil Response to <i>A. fumigatus</i> in an Infection-on-a-Chip Model. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 133-145.	1.0	15
2	Microphysiological Systems for Studying Cellular Crosstalk During the Neutrophil Response to Infection. <i>Frontiers in Immunology</i> , 2021, 12, 661537.	2.2	14
3	Centriole and Golgi microtubule nucleation are dispensable for the migration of human neutrophil-like cells. <i>Molecular Biology of the Cell</i> , 2021, 32, 1545-1556.	0.9	5
4	Neutrophil plasticity in the tumor microenvironment. <i>Blood</i> , 2019, 133, 2159-2167.	0.6	392
5	Neutrophil trafficking on-a-chip: an <i>in vitro</i> , organotypic model for investigating neutrophil priming, extravasation, and migration with spatiotemporal control. <i>Lab on A Chip</i> , 2019, 19, 3697-3705.	3.1	27
6	An Accessible Organotypic Microvessel Model Using iPSC-Derived Endothelium. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700497.	3.9	42
7	Neutrophil Reverse Migration and a Chemokinetic Resolution. <i>Developmental Cell</i> , 2018, 47, 404-405.	3.1	19
8	Interaction with an endothelial lumen increases neutrophil lifetime and motility in response to <i>P. aeruginosa</i> . <i>Blood</i> , 2018, 132, 1818-1828.	0.6	36
9	Chemokine Signaling and the Regulation of Bidirectional Leukocyte Migration in Interstitial Tissues. <i>Cell Reports</i> , 2017, 19, 1572-1585.	2.9	103
10	Leading from the Back: The Role of the Uropod in Neutrophil Polarization and Migration. <i>Developmental Cell</i> , 2016, 38, 161-169.	3.1	118
11	Effect of M1-M2 Polarization on the Motility and Traction Stresses of Primary Human Macrophages. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 455-465.	1.0	48
12	Macrophage motility is driven by frontal-towing with a force magnitude dependent on substrate stiffness. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 447-453.	0.6	57
13	Integrin associated proteins differentially regulate neutrophil polarity and directed migration in 2D and 3D. <i>Biomedical Microdevices</i> , 2015, 17, 100.	1.4	33
14	Two-dimensional motility of a macrophage cell line on microcontact-printed fibronectin. <i>Cytoskeleton</i> , 2014, 71, 542-554.	1.0	11
15	Macrophage Migration and the Roles of WASP, Cdc42, and PI3K. <i>Biophysical Journal</i> , 2013, 104, 321a.	0.2	0
16	Sensing membrane stress with near IR-emissive porphyrins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13984-13989.	3.3	56
17	Human Embryonic Stem Cell-Derived Keratinocytes Exhibit an Epidermal Transcription Program and Undergo Epithelial Morphogenesis in Engineered Tissue Constructs. <i>Tissue Engineering - Part A</i> , 2010, 16, 213-223.	1.6	37