

Mechanical confinement triggers glioma linear migration

Molecular Biology of the Cell

27, 1246-1261

DOI: [10.1091/mbc.e15-08-0565](https://doi.org/10.1091/mbc.e15-08-0565)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Function and regulation of the Arp2/3 complex during cell migration in diverse environments. <i>Current Opinion in Cell Biology</i> , 2016, 42, 63-72.	2.6	85
2	How cells respond to environmental cues – insights from bio-functionalized substrates. <i>Journal of Cell Science</i> , 2017, 130, 51-61.	1.2	93
3	Modeling collective cell migration in geometric confinement. <i>Physical Biology</i> , 2017, 14, 035001.	0.8	26
4	New advances in probing cell–extracellular matrix interactions. <i>Integrative Biology (United Kingdom)</i> 10, 012001. doi:10.1039/c9ib00011a	0.8	52
5	Recapitulating in vivo-like plasticity of glioma cell invasion along blood vessels and in astrocyte-rich stroma. <i>Histochemistry and Cell Biology</i> , 2017, 148, 395-406.	0.8	70
6	Drosophila and human FHOD family formin proteins nucleate actin filaments. <i>Journal of Biological Chemistry</i> , 2018, 293, 532-540.	1.6	23
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8	Extracellular matrix protein microarray-based biosensor with single cell resolution: Integrin profiling and characterization of cell-biomaterial interactions. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126954.	4.0	16
9	Dissecting and rebuilding the glioblastoma microenvironment with engineered materials. <i>Nature Reviews Materials</i> , 2019, 4, 651-668.	23.3	103
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15	Suppression of LIM Kinase 1 and LIM Kinase 2 Limits Glioblastoma Invasion. <i>Cancer Research</i> , 2020, 80, 69-78.	0.4	17
16	Stick-slip dynamics of cell adhesion triggers spontaneous symmetry breaking and directional migration of mesenchymal cells on one-dimensional lines. <i>Science Advances</i> , 2020, 6, eaau5670.	4.7	56
17	Multiple formin proteins participate in glioblastoma migration. <i>BMC Cancer</i> , 2020, 20, 710.	1.1	19
18	Investigation of Cancer Cell Migration and Proliferation on Synthetic Extracellular Matrix Peptide Hydrogels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 773.	2.0	17

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19	MACC1 driven alterations in cellular biomechanics facilitate cell motility in glioblastoma. Cell Communication and Signaling, 2020, 18, 85.	2.7	13
20	Predicting Confined 1D Cell Migration from Parameters Calibrated to a 2D Motor-Clutch Model. Biophysical Journal, 2020, 118, 1709-1720.	0.2	20
21	Traction Forces Control Cell-Edge Dynamics and Mediate Distance Sensitivity during Cell Polarization. Current Biology, 2020, 30, 1762-1769.e5.	1.8	11
22	Engineered hydrogels for brain tumor culture and therapy. Bio-Design and Manufacturing, 2020, 3, 203-226.	3.9	24
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