

Tuning Collective Cell Migration by Cell–Cell Junction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Single and collective cell migration: the mechanics of adhesions. <i>Molecular Biology of the Cell</i> , 2017, 28, 1833-1846.	0.9	287
2	Commissural neurons transgress the CNS/PNS boundary in absence of ventricular zone-derived netrin-1. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	13
3	Perturbation of Wound Healing, Cytoskeletal Organization and Cellular Protein Networks during Hazara Virus Infection. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 98.	1.8	11
4	Leaders in collective migration: are front cells really endowed with a particular set of skills?. <i>F1000Research</i> , 2017, 6, 1899.	0.8	57
5	Role of contact inhibition of locomotion and junctional mechanics in epithelial collective responses to injury. <i>Physical Biology</i> , 2018, 15, 024001.	0.8	6
6	Flocking transitions in confluent tissues. <i>Soft Matter</i> , 2018, 14, 3471-3477.	1.2	114
7	Cranial Neural Crest Explants. <i>Cold Spring Harbor Protocols</i> , 2018, 2018, pdb.prot097394.	0.2	11
8	Secret handshakes: cell-cell interactions and cellular mimics. <i>Current Opinion in Cell Biology</i> , 2018, 50, 14-19.	2.6	16
9	Junctional adhesion molecule-A: functional diversity through molecular promiscuity. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1393-1409.	2.4	45
10	Rho GTPase signaling complexes in cell migration and invasion. <i>Journal of Cell Biology</i> , 2018, 217, 447-457.	2.3	367
11	Tensile Forces and Mechanotransduction at Cell-Cell Junctions. <i>Current Biology</i> , 2018, 28, R445-R457.	1.8	301
12	Collective adhesion and displacement of retinal progenitor cells upon extracellular matrix substrates of transplantable biomaterials. <i>Journal of Tissue Engineering</i> , 2018, 9, 204173141775128.	2.3	18
13	In situ forming injectable hydrogels for drug delivery and wound repair. <i>Advanced Drug Delivery Reviews</i> , 2018, 127, 167-184.	6.6	547
14	Cell-Cell Contact and Receptor Tyrosine Kinase Signaling. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029215.	2.3	23
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16	De novo variants in congenital diaphragmatic hernia identify MYRF as a new syndrome and reveal genetic overlaps with other developmental disorders. <i>PLoS Genetics</i> , 2018, 14, e1007822.	1.5	79
17	Mechanisms of Neural Crest Migration. <i>Annual Review of Genetics</i> , 2018, 52, 43-63.	3.2	135
18	Tissue engineering strategies for the induction of angiogenesis using biomaterials. <i>Journal of Biological Engineering</i> , 2018, 12, 36.	2.0	91

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19	Mechanical forces in cell monolayers. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	45
20	Girdin/GIV regulates collective cancer cell migration by controlling cell adhesion and cytoskeletal organization. <i>Cancer Science</i> , 2018, 109, 3643-3656.	1.7	32
21	Gap junction protein Connexin-43 is a direct transcriptional regulator of N-cadherin in vivo. <i>Nature Communications</i> , 2018, 9, 3846.	5.8	115
22	Coordinated collective migration and asymmetric cell division in confluent human keratinocytes without wounding. <i>Nature Communications</i> , 2018, 9, 3665.	5.8	39
23	Junction-based lamellipodia drive endothelial cell rearrangements in vivo via a VE-cadherin-F-actin based oscillatory cell-cell interaction. <i>Nature Communications</i> , 2018, 9, 3545.	5.8	48
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29	Alternative splicing of ALCAM enables tunable regulation of cell-cell adhesion through differential proteolysis. <i>Scientific Reports</i> , 2018, 8, 3208.	1.6	13
30	Adaptive reorientation of endothelial collectives in response to strain. <i>Integrative Biology (United)</i> Tj ETQq1 1 0.784314 rgBT_g/Overlook	0.6	
31	Adjustable viscoelasticity allows for efficient collective cell migration. <i>Seminars in Cell and Developmental Biology</i> , 2019, 93, 55-68.	2.3	87
32	Biophysical regulation of epidermal fate and function. <i>Advances in Stem Cells and Their Niches</i> , 2019, 3, 1-30.	0.1	1
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56	Asymmetric Stratification-Induced Polarity Loss and Coordinated Individual Cell Movements Drive Directional Migration of Vertebrate Epithelium. <i>Cell Reports</i> , 2020, 33, 108246.	2.9	4
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