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List of articles citing

Quantitative analysis of cytoskeletal reorganization during epithelial tissue sealing by large-volume electron tomography

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#	Paper	IF	Citations
45	Remodeling Tissue Interfaces and the Thermodynamics of Zipping during Dorsal Closure in <i>Drosophila</i> . <i>Biophysical Journal</i> , 2015 , 109, 2406-17	2.9	9
44	Crumbs is an essential regulator of cytoskeletal dynamics and cell-cell adhesion during dorsal closure in <i>Drosophila</i> . <i>ELife</i> , 2015 , 4,	8.9	28
43	Jack of all trades: functional modularity in the adherens junction. <i>Current Opinion in Cell Biology</i> , 2015 , 36, 32-40	9	31
42	Dynamics of Actin Cables in Polarized Growth of the Filamentous Fungus <i>Aspergillus nidulans</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 682	5.7	27
41	SnapShot: Mechanical Forces in Development II. <i>Cell</i> , 2016 , 165, 1028-1028.e1	56.2	8
40	Cell Boundary Elongation by Non-autonomous Contractility in Cell Oscillation. <i>Current Biology</i> , 2016 , 26, 2388-96	6.3	52
39	Techniques and applications of three-dimensional electron microscopy in entomological research. <i>Entomological Research</i> , 2016 , 46, 374-380	1.3	2
38	Amnioserosa cell constriction but not epidermal actin cable tension autonomously drives dorsal closure. <i>Nature Cell Biology</i> , 2016 , 18, 1161-1172	23.4	52
37	Quantifying dorsal closure in three dimensions. <i>Molecular Biology of the Cell</i> , 2016 , 27, 3948-3955	3.5	5
36	Morphogenetic functions of extraembryonic membranes in insects. <i>Current Opinion in Insect Science</i> , 2016 , 13, 86-92	5.1	20
35	The spectraplakins Short stop is an essential microtubule regulator involved in epithelial closure in. <i>Journal of Cell Science</i> , 2017 , 130, 712-724	5.3	12
34	<i>Drosophila</i> dorsal closure: An orchestra of forces to zip shut the embryo. <i>Mechanisms of Development</i> , 2017 , 144, 2-10	1.7	39
33	Microtubules in 3D cell motility. <i>Journal of Cell Science</i> , 2017 , 130, 39-50	5.3	60
32	Cell Sheet Morphogenesis: Dorsal Closure in <i>Drosophila melanogaster</i> as a Model System. <i>Annual Review of Cell and Developmental Biology</i> , 2017 , 33, 169-202	12.6	41
31	Dynamics of in vivo ASC speck formation. <i>Journal of Cell Biology</i> , 2017 , 216, 2891-2909	7.3	40
30	Myosin II is not required for tracheal branch elongation and cell intercalation. <i>Development (Cambridge)</i> , 2017 , 144, 2961-2968	6.6	18
29	The elmo- <i>mbc</i> complex and <i>rhogap19d</i> couple Rho family GTPases during mesenchymal-to-epithelial-like transitions. <i>Development (Cambridge)</i> , 2018 ,	6.6	4

28	Identifying Genetic Players in Cell Sheet Morphogenesis Using a Deficiency Screen for Genes on Chromosome 2R Involved in Dorsal Closure. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 2361-2387	3.2	4
27	Mathematical models of dorsal closure. <i>Progress in Biophysics and Molecular Biology</i> , 2018 , 137, 111-131	4.7	3
26	Two consecutive microtubule-based epithelial seaming events mediate dorsal closure in the scuttle fly. <i>ELife</i> , 2018 , 7,	8.9	1
25	Nucleosome conformational variability in solution and in interphase nuclei evidenced by cryo-electron microscopy of vitreous sections. <i>Nucleic Acids Research</i> , 2018 , 46, 9189-9200	20.1	22
24	Non-conventional protrusions: the diversity of cell interactions at short and long distance. <i>Current Opinion in Cell Biology</i> , 2018 , 54, 106-113	9	5
23	Multiscale fracture mechanics model for the dorsal closure in Drosophila embryogenesis. <i>Journal of the Mechanics and Physics of Solids</i> , 2019 , 127, 154-166	5	9
22	FIB-SEM imaging properties of Drosophila melanogaster tissues embedded in Lowicryl HM20. <i>Journal of Microscopy</i> , 2019 , 273, 91-104	1.9	4
21	Identifying Key Genetic Regions for Cell Sheet Morphogenesis on Chromosome 2L Using a Deficiency Screen in Dorsal Closure. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 4249-4269	3.2	0
20	ERM-Dependent Assembly of T Cell Receptor Signaling and Co-stimulatory Molecules on Microvilli prior to Activation. <i>Cell Reports</i> , 2020 , 30, 3434-3447.e6	10.6	24
19	Cell and tissue manipulation with ultrashort infrared laser pulses in light-sheet microscopy. <i>Scientific Reports</i> , 2020 , 10, 1942	4.9	11
18	Dynamic Buffering of Extracellular Chemokine by a Dedicated Scavenger Pathway Enables Robust Adaptation during Directed Tissue Migration. <i>Developmental Cell</i> , 2020 , 52, 492-508.e10	10.2	10
17	A potential Rho GEF and Rac GAP for coupled Rac and Rho cycles during mesenchymal-to-epithelial-like transitions. <i>Small GTPases</i> , 2021 , 12, 13-19	2.7	0
16	Collective cell migration driven by filopodia-New insights from the social behavior of myotubes. <i>BioEssays</i> , 2021 , 43, e2100124	4.1	4
15	Probing tissue interaction with laser-based cauterization in the early developing Drosophila embryo. <i>Methods in Cell Biology</i> , 2017 , 139, 153-165	1.8	2
14	Dynamics of ASC speck formation during skin inflammatory responses in vivo.		2
13	Signalling crosstalk at the leading edge controls tissue closure dynamics in the Drosophila embryo. <i>PLoS Genetics</i> , 2017 , 13, e1006640	6	8
12	Cytoskeletal tension and Bazooka tune interface geometry to ensure fusion fidelity and sheet integrity during dorsal closure. <i>ELife</i> , 2019 , 8,	8.9	5
11	Myosin II activity is not required for Drosophila tracheal branching morphogenesis.		

10	Two consecutive microtubule-based epithelial seaming events mediate dorsal closure in the scuttle fly <i>Megaselia abdita</i> .		
9	Coupling of Rho family GTPases during mesenchymal-to-epithelial-like transitions.		
8	Nucleosome conformational variability in solution and in interphase nuclei evidenced by cryo-electron microscopy of vitreous sections.		0
7	ERM-Dependent Assembly of T-Cell Receptor Signaling and Co-stimulatory Molecules on Microvilli Prior to Activation.		
6	Force measurements of MyosinII waves at the yolk surface during <i>Drosophila</i> dorsal closure.. <i>Biophysical Journal</i> , 2021 ,	2.9	0
5	Mean curvature motion facilitates the segmentation and surface visualization of electron tomograms.. <i>Journal of Structural Biology</i> , 2022 , 214, 107833	3.4	0
4	The Lateral Epidermis Actively Counteracts Pulling by the Amnioserosa During Dorsal Closure. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10,	5.7	0
3	Cryo-electron tomography and deep learning denoising reveal native chromatin landscapes of interphase nuclei.		1
2	Extracellular Vesicles and Membrane Protrusions in Developmental Signaling. 2022 , 10, 39		0
1	How two extraembryonic epithelia became one: serosa and amnion features and functions of <i>Drosophila</i> \mathcal{Z} <i>amnioserosa</i> . 2022 , 377,		1