

Jennifer A Zallen

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,565
citations

471371

17
h-index

610775

24
g-index

30
all docs

30
docs citations

30
times ranked

2476
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicellular Rosette Formation Links Planar Cell Polarity to Tissue Morphogenesis. <i>Developmental Cell</i> , 2006, 11, 459-470.	3.1	632
2	Myosin II Dynamics Are Regulated by Tension in Intercalating Cells. <i>Developmental Cell</i> , 2009, 17, 736-743.	3.1	581
3	Patterned Gene Expression Directs Bipolar Planar Polarity in <i>Drosophila</i> . <i>Developmental Cell</i> , 2004, 6, 343-355.	3.1	494
4	Planar Polarity and Tissue Morphogenesis. <i>Cell</i> , 2007, 129, 1051-1063.	13.5	378
5	Rho-Kinase Directs Bazooka/Par-3 Planar Polarity during <i>Drosophila</i> Axis Elongation. <i>Developmental Cell</i> , 2010, 19, 377-388.	3.1	244
6	A positional Toll receptor code directs convergent extension in <i>Drosophila</i> . <i>Nature</i> , 2014, 515, 523-527.	13.7	232
7	Oscillatory behaviors and hierarchical assembly of contractile structures in intercalating cells. <i>Physical Biology</i> , 2011, 8, 045005.	0.8	171
8	Rho GTPase and Shroom direct planar polarized actomyosin contractility during convergent extension. <i>Journal of Cell Biology</i> , 2014, 204, 575-589.	2.3	124
9	Spatiotemporal control of epithelial remodeling by regulated myosin phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11732-11737.	3.3	115
10	Abl Regulates Planar Polarized Junctional Dynamics through β -Catenin Tyrosine Phosphorylation. <i>Developmental Cell</i> , 2012, 22, 309-319.	3.1	105
11	Multicellular dynamics during epithelial elongation. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 263-270.	2.3	74
12	Abl and Cdc42/Afadin mediate mechanotransduction at tricellular junctions. <i>Science</i> , 2020, 370, .	6.0	69
13	Cell-pattern disordering during convergent extension in <i>Drosophila</i> . <i>Journal of Physics Condensed Matter</i> , 2004, 16, S5073-S5080.	0.7	62
14	SECCA: a toolset for rapid automated analysis of epithelial cell polarity and dynamics. <i>Development (Cambridge)</i> , 2017, 144, 1725-1734.	1.2	54
15	The force-sensitive protein Ajuba regulates cell adhesion during epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2018, 217, 3715-3730.	2.3	53
16	An LRR Receptor-Teneurin System Directs Planar Polarity at Compartment Boundaries. <i>Developmental Cell</i> , 2019, 51, 208-221.e6.	3.1	43
17	Cellular, molecular, and biophysical control of epithelial cell intercalation. <i>Current Topics in Developmental Biology</i> , 2020, 136, 167-193.	1.0	39
18	Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure. <i>ELife</i> , 2020, 9, .	2.8	22

#	ARTICLE	IF	CITATIONS
19	Toll receptors remodel epithelia by directing planar-polarized Src and PI3K activity. <i>Developmental Cell</i> , 2021, 56, 1589-1602.e9.	3.1	19
20	Cellular defects resulting from disease-related myosin II mutations in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22205-22211.	3.3	17
21	Square Cell Packing in the <i>Drosophila</i> Embryo through Spatiotemporally Regulated EGF Receptor Signaling. <i>Developmental Cell</i> , 2015, 35, 151-161.	3.1	16
22	Scaling of cytoskeletal organization with cell size in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2017, 28, 1519-1529.	0.9	13
23	The Ski2-family helicase Obelus regulates Crumbs alternative splicing and cell polarity. <i>Journal of Cell Biology</i> , 2015, 211, 1011-1024.	2.3	7
24	Cellular mechanisms of morphogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 101-102.	2.3	1
25	Cell polarity and morphogenesis: new technologies and new findings. <i>Molecular Biology of the Cell</i> , 2017, 28, 699-700.	0.9	0
26	Kathryn Anderson (1952–2020). <i>Cell</i> , 2021, 184, 1123-1126.	13.5	0