

Katja RÃ¶pfer

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,750
citations

394421

19
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

2895
citing authors

#	ARTICLE	IF	CITATIONS
1	A release-and-capture mechanism generates an essential non-centrosomal microtubule array during tube budding. <i>Nature Communications</i> , 2021, 12, 4096.	12.8	11
2	Mesenchymal-to-Epithelial Transitions in Development and Cancer. <i>Methods in Molecular Biology</i> , 2021, 2179, 43-62.	0.9	6
3	Correct regionalization of a tissue primordium is essential for coordinated morphogenesis. <i>ELife</i> , 2021, 10, .	6.0	4
4	Rho-Kinase Planar Polarization at Tissue Boundaries Depends on Phospho-regulation of Membrane Residence Time. <i>Developmental Cell</i> , 2020, 52, 364-378.e7.	7.0	38
5	Microtubules enter centre stage for morphogenesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190557.	4.0	11
6	Control of cell shape during epithelial morphogenesis: recent advances. <i>Current Opinion in Genetics and Development</i> , 2020, 63, 1-8.	3.3	20
7	“Neural brain wave: Coordinating epithelial-to-neural stem cell transition in the fly optic lobe. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	1
8	Quantitative Imaging and the Effect of Tissue Topology on Morphogenesis. <i>Developmental Cell</i> , 2018, 47, 537-538.	7.0	2
9	Radially patterned cell behaviours during tube budding from an epithelium. <i>ELife</i> , 2018, 7, .	6.0	74
10	Alignment of cytoskeletal structures across cell boundaries generates tissue cohesion during organ formation. <i>Current Opinion in Cell Biology</i> , 2018, 55, 104-110.	5.4	10
11	The spectraplakins short stop is an essential microtubule regulator involved in epithelial closure in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2017, 130, 712-724.	2.0	22
12	Squeezing out in a “tug of war”: The role of myosin in neural stem cell delamination. <i>Journal of Cell Biology</i> , 2017, 216, 1215-1218.	5.2	0
13	The Gas2 family protein Pigs is a microtubule +TIP that affects cytoskeleton organisation. <i>Journal of Cell Science</i> , 2016, 129, 121-34.	2.0	9
14	Genetic Control of Salivary Gland Tubulogenesis in <i>Drosophila</i> . , 2016, , 125-149.		10
15	The Gas2 family protein Pigs is a microtubule +TIP that affects cytoskeleton organisation. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	2.5	0
16	Integration of Cell–Cell Adhesion and Contractile Actomyosin Activity During Morphogenesis. <i>Current Topics in Developmental Biology</i> , 2015, 112, 103-127.	2.2	45
17	Controlling cell shape changes during salivary gland tube formation in <i>Drosophila</i> . <i>Seminars in Cell and Developmental Biology</i> , 2014, 31, 74-81.	5.0	33
18	A Dynamic Microtubule Cytoskeleton Directs Medial Actomyosin Function during Tube Formation. <i>Developmental Cell</i> , 2014, 29, 562-576.	7.0	92

#	ARTICLE	IF	CITATIONS
19	Sticking together the Crumbs – an unexpected function for an old friend. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 307-314.	37.0	68
20	Supracellular actomyosin assemblies during development. <i>Bioarchitecture</i> , 2013, 3, 45-49.	1.5	62
21	Anisotropy of Crumbs and aPKC Drives Myosin Cable Assembly during Tube Formation. <i>Developmental Cell</i> , 2012, 23, 939-953.	7.0	148
22	The cytolinker Pigs is a direct target and a negative regulator of Notch signalling. <i>Development (Cambridge)</i> , 2010, 137, 913-922.	2.5	22
23	A Targeted Gain-of-Function Screen Identifies Genes Affecting Salivary Gland Morphogenesis/Tubulogenesis in <i>Drosophila</i> . <i>Genetics</i> , 2009, 181, 543-565.	2.9	25
24	Rtnl1 is enriched in a specialized germline ER that associates with ribonucleoprotein granule components. <i>Journal of Cell Science</i> , 2007, 120, 1081-1092.	2.0	37
25	Contribution of sequence variation in <i>Drosophila</i> actins to their incorporation into actin-based structures in vivo. <i>Journal of Cell Science</i> , 2005, 118, 3937-3948.	2.0	62
26	Asymmetric distribution of the apical plasma membrane during neurogenic divisions of mammalian neuroepithelial cells. <i>EMBO Journal</i> , 2004, 23, 2314-2324.	7.8	387
27	A Spectraplakins Is Enriched on the Fusome and Organizes Microtubules during Oocyte Specification in <i>Drosophila</i> . <i>Current Biology</i> , 2004, 14, 99-110.	3.9	93
28	A spectraplakins is enriched on the fusome and organizes microtubules during oocyte specification in <i>Drosophila</i> . <i>Current Biology</i> , 2004, 14, 99-110.	3.9	50
29	Maintaining epithelial integrity. <i>Journal of Cell Biology</i> , 2003, 162, 1305-1315.	5.2	59
30	The 'Spectraplakins': cytoskeletal giants with characteristics of both spectrin and plakin families. <i>Journal of Cell Science</i> , 2002, 115, 4215-4225.	2.0	152
31	Prominin: A Story of Cholesterol, Plasma Membrane Protrusions and Human Pathology. <i>Traffic</i> , 2001, 2, 82-91.	2.7	274
32	Retention of prominin in microvilli reveals distinct cholesterol-based lipid micro-domains in the apical plasma membrane. <i>Nature Cell Biology</i> , 2000, 2, 582-592.	10.3	530
33	The Human AC133 Hematopoietic Stem Cell Antigen Is also Expressed in Epithelial Cells and Targeted to Plasma Membrane Protrusions. <i>Journal of Biological Chemistry</i> , 2000, 275, 5512-5520.	3.4	387