

# Katja RÄŕper

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,750  
citations

393982

19  
h-index

454577

30  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2895  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.6	530
2	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.	1.6	387
3	Asymmetric distribution of the apical plasma membrane during neurogenic divisions of mammalian neuroepithelial cells. <i>EMBO Journal</i> , 2004, 23, 2314-2324.	3.5	387
4	Prominin: A Story of Cholesterol, Plasma Membrane Protrusions and Human Pathology. <i>Traffic</i> , 2001, 2, 82-91.	1.3	274
5	The `Spectraplakins': cytoskeletal giants with characteristics of both spectrin and plakin families. <i>Journal of Cell Science</i> , 2002, 115, 4215-4225.	1.2	152
6	Anisotropy of Crumbs and aPKC Drives Myosin Cable Assembly during Tube Formation. <i>Developmental Cell</i> , 2012, 23, 939-953.	3.1	148
7	A Spectraplakin Is Enriched on the Fusome and Organizes Microtubules during Oocyte Specification in <i>Drosophila</i> . <i>Current Biology</i> , 2004, 14, 99-110.	1.8	93
8	A Dynamic Microtubule Cytoskeleton Directs Medial Actomyosin Function during Tube Formation. <i>Developmental Cell</i> , 2014, 29, 562-576.	3.1	92
9	Radially patterned cell behaviours during tube budding from an epithelium. <i>ELife</i> , 2018, 7, .	2.8	74
10	Sticking together the Crumbs “ an unexpected function for an old friend. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 307-314.	16.1	68
11	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.	1.2	62
12	Supracellular actomyosin assemblies during development. <i>Bioarchitecture</i> , 2013, 3, 45-49.	1.5	62
13	Maintaining epithelial integrity. <i>Journal of Cell Biology</i> , 2003, 162, 1305-1315.	2.3	59
14	A spectraplakin is enriched on the fusome and organizes microtubules during oocyte specification in <i>Drosophila</i> . <i>Current Biology</i> , 2004, 14, 99-110.	1.8	50
15	Integration of Cell “Cell Adhesion and Contractile Actomyosin Activity During Morphogenesis. <i>Current Topics in Developmental Biology</i> , 2015, 112, 103-127.	1.0	45
16	Rho-Kinase Planar Polarization at Tissue Boundaries Depends on Phospho-regulation of Membrane Residence Time. <i>Developmental Cell</i> , 2020, 52, 364-378.e7.	3.1	38
17	Rtnl1 is enriched in a specialized germline ER that associates with ribonucleoprotein granule components. <i>Journal of Cell Science</i> , 2007, 120, 1081-1092.	1.2	37
18	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.	2.3	33

#	ARTICLE	IF	CITATIONS
19	A Targeted Gain-of-Function Screen Identifies Genes Affecting Salivary Gland Morphogenesis/Tubulogenesis in Drosophila. <i>Genetics</i> , 2009, 181, 543-565.	1.2	25
20	The cytolinker Pigs is a direct target and a negative regulator of Notch signalling. <i>Development (Cambridge)</i> , 2010, 137, 913-922.	1.2	22
21	The spectraplakın short stop is an essential microtubule regulator involved in epithelial closure in Drosophila. <i>Journal of Cell Science</i> , 2017, 130, 712-724.	1.2	22
22	Control of cell shape during epithelial morphogenesis: recent advances. <i>Current Opinion in Genetics and Development</i> , 2020, 63, 1-8.	1.5	20
23	Microtubules enter centre stage for morphogenesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190557.	1.8	11
24	A release-and-capture mechanism generates an essential non-centrosomal microtubule array during tube budding. <i>Nature Communications</i> , 2021, 12, 4096.	5.8	11
25	Alignment of cytoskeletal structures across cell boundaries generates tissue cohesion during organ formation. <i>Current Opinion in Cell Biology</i> , 2018, 55, 104-110.	2.6	10
26	Genetic Control of Salivary Gland Tubulogenesis in Drosophila. , 2016, , 125-149.		10
27	The Gas2 family protein Pigs is a microtubule +TIP that affects cytoskeleton organisation. <i>Journal of Cell Science</i> , 2016, 129, 121-34.	1.2	9
28	Mesenchymal-to-Epithelial Transitions in Development and Cancer. <i>Methods in Molecular Biology</i> , 2021, 2179, 43-62.	0.4	6
29	Correct regionalization of a tissue primordium is essential for coordinated morphogenesis. <i>ELife</i> , 2021, 10, .	2.8	4
30	Quantitative Imaging and the Effect of Tissue Topology on Morphogenesis. <i>Developmental Cell</i> , 2018, 47, 537-538.	3.1	2
31	â€œNeurâ€al brain wave: Coordinating epithelial-to-neural stem cell transition in the fly optic lobe. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	1
32	Squeezing out in a â€œtug of warâ€: The role of myosin in neural stem cell delamination. <i>Journal of Cell Biology</i> , 2017, 216, 1215-1218.	2.3	0
33	The Gas2 family protein Pigs is a microtubule +TIP that affects cytoskeleton organisation. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	1.2	0