

David Bilder

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

5,690
citations

136740

32
h-index

233125

45
g-index

76
all docs

76
docs citations

76
times ranked

7121
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of apical epithelial determinants by the basolateral PDZ protein Scribble. <i>Nature</i> , 2000, 403, 676-680.	13.7	629
2	Epithelial polarity and proliferation control: links from the <i>Drosophila</i> neoplastic tumor suppressors. <i>Genes and Development</i> , 2004, 18, 1909-1925.	2.7	493
3	Integrated activity of PDZ protein complexes regulates epithelial polarity. <i>Nature Cell Biology</i> , 2003, 5, 53-58.	4.6	396
4	Microenvironmental autophagy promotes tumour growth. <i>Nature</i> , 2017, 541, 417-420.	13.7	379
5	The <i>Drosophila</i> Tumor Suppressor <i>vps25</i> Prevents Nonautonomous Overproliferation by Regulating Notch Trafficking. <i>Developmental Cell</i> , 2005, 9, 687-698.	3.1	330
6	Global Tissue Revolutions in a Morphogenetic Movement Controlling Elongation. <i>Science</i> , 2011, 331, 1071-1074.	6.0	305
7	Endocytic control of epithelial polarity and proliferation in <i>Drosophila</i> . <i>Nature Cell Biology</i> , 2005, 7, 1232-1239.	4.6	276
8	Mass transit: Epithelial morphogenesis in the <i>Drosophila</i> egg chamber. <i>Developmental Dynamics</i> , 2005, 232, 559-574.	0.8	267
9	Endosomal entry regulates Notch receptor activation in <i>Drosophila melanogaster</i> . <i>Journal of Cell Biology</i> , 2008, 180, 755-762.	2.3	238
10	Regulation of Imaginal Disc Growth by Tumor-Suppressor Genes in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2006, 40, 335-361.	3.2	225
11	Malignant <i>Drosophila</i> Tumors Interrupt Insulin Signaling to Induce Cachexia-like Wasting. <i>Developmental Cell</i> , 2015, 33, 47-55.	3.1	179
12	Comparative analysis of ESCRT-I, ESCRT-II and ESCRT-III function in <i>Drosophila</i> by efficient isolation of ESCRT mutants. <i>Journal of Cell Science</i> , 2009, 122, 2413-2423.	1.2	136
13	A tumor suppressor activity of <i>Drosophila</i> Polycomb genes mediated by JAK-STAT signaling. <i>Nature Genetics</i> , 2009, 41, 1150-1155.	9.4	127
14	Domains controlling cell polarity and proliferation in the <i>Drosophila</i> tumor suppressor Scribble. <i>Journal of Cell Biology</i> , 2004, 167, 1137-1146.	2.3	126
15	Organ sculpting by patterned extracellular matrix stiffness. <i>ELife</i> , 2017, 6, .	2.8	126
16	Recruitment of Scribble to the Synaptic Scaffolding Complex Requires GUK-holder, a Novel DLG Binding Protein. <i>Current Biology</i> , 2002, 12, 531-539.	1.8	122
17	The transcriptional response to tumorigenic polarity loss in <i>Drosophila</i> . <i>ELife</i> , 2015, 4, .	2.8	102
18	Endocytic Internalization Routes Required for Delta/Notch Signaling. <i>Current Biology</i> , 2010, 20, 538-543.	1.8	99

#	ARTICLE	IF	CITATIONS
19	Polarity and endocytosis: reciprocal regulation. <i>Trends in Cell Biology</i> , 2010, 20, 445-452.	3.6	96
20	Dynein Regulates Epithelial Polarity and the Apical Localization of stardust A mRNA. <i>PLoS Genetics</i> , 2008, 4, e8.	1.5	91
21	Regulation of Early Endosomal Entry by the <i>Drosophila</i> Tumor Suppressors Rabenosyn and Vps45. <i>Molecular Biology of the Cell</i> , 2008, 19, 4167-4176.	0.9	79
22	Expanding the Morphogenetic Repertoire: Perspectives from the <i>Drosophila</i> Egg. <i>Developmental Cell</i> , 2012, 22, 12-23.	3.1	73
23	Multiple functions of the SNARE protein Snap29 in autophagy, endocytic, and exocytic trafficking during epithelial formation in <i>Drosophila</i> . <i>Autophagy</i> , 2014, 10, 2251-2268.	4.3	72
24	A Mosaic Genetic Screen for <i>Drosophila</i> Neoplastic Tumor Suppressor Genes Based on Defective Pupation. <i>Genetics</i> , 2007, 177, 1667-1677.	1.2	68
25	SCFSlimb ubiquitin ligase suppresses condensin II-mediated nuclear reorganization by degrading Cap-H2. <i>Journal of Cell Biology</i> , 2013, 201, 49-63.	2.3	68
26	Collective nomenclature for LAP proteins. <i>Nature Cell Biology</i> , 2000, 2, E114-E114.	4.6	64
27	A Screen for Round Egg Mutants in <i>Drosophila</i> Identifies Tricornered, Furry, and Misshapen as Regulators of Egg Chamber Elongation. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 371-378.	0.8	54
28	The Scribble module regulates retromer-dependent endocytic trafficking during epithelial polarization. <i>Development (Cambridge)</i> , 2014, 141, 2796-2802.	1.2	49
29	Symmetry Breaking in an Edgeless Epithelium by Fat2-Regulated Microtubule Polarity. <i>Cell Reports</i> , 2016, 15, 1125-1133.	2.9	46
30	Extracellular matrix stiffness cues junctional remodeling for 3D tissue elongation. <i>Nature Communications</i> , 2019, 10, 3339.	5.8	44
31	At the crossroads of polarity, proliferation and apoptosis: The use of <i>Drosophila</i> to unravel the multifaceted role of endocytosis in tumor suppression. <i>Molecular Oncology</i> , 2009, 3, 354-365.	2.1	42
32	Taking Stock of the <i>Drosophila</i> Research Ecosystem. <i>Genetics</i> , 2017, 206, 1227-1236.	1.2	41
33	A <i>Drosophila</i> Tumor Suppressor Gene Prevents Tonic TNF Signaling through Receptor N-Glycosylation. <i>Developmental Cell</i> , 2018, 45, 595-605.e4.	3.1	40
34	Tumour-host interactions through the lens of <i>Drosophila</i> . <i>Nature Reviews Cancer</i> , 2021, 21, 687-700.	12.8	39
35	Distinct activities of Scrib module proteins organize epithelial polarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11531-11540.	3.3	36
36	Tumor-induced disruption of the blood-brain barrier promotes host death. <i>Developmental Cell</i> , 2021, 56, 2712-2721.e4.	3.1	28

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37	A Cell Migration Tracking Tool Supports Coupling of Tissue Rotation to Elongation. <i>Cell Reports</i> , 2017, 21, 559-569.	2.9	23
38	Mechanical stress regulates insulin sensitivity through integrin-dependent control of insulin receptor localization. <i>Genes and Development</i> , 2018, 32, 156-164.	2.7	21
39	PDZ domain polarity complexes. <i>Current Biology</i> , 2003, 13, R661-R662.	1.8	16
40	Epithelial monitoring through ligand-receptor segregation ensures malignant cell elimination. <i>Science</i> , 2022, 376, 297-301.	6.0	15
41	The F-box protein Slmb restricts the activity of aPKC to polarize epithelial cells. <i>Development (Cambridge)</i> , 2014, 141, 2978-2983.	1.2	9
42	Evidence for a nuclear role for <i>Drosophila</i> Dlg as a regulator of the NURF complex. <i>Molecular Biology of the Cell</i> , 2021, 32, ar23.	0.9	4
43	Minimal functional domains of the core polarity regulator Dlg. <i>Biology Open</i> , 2022, 11, .	0.6	4
44	The Maturation of Development. <i>Developmental Cell</i> , 2016, 38, 569-570.	3.1	3
45	Response to "Problems with LAP nomenclature". <i>Nature Cell Biology</i> , 2001, 3, E90-E90.	4.6	1
46	Function follows form: Linking epithelial polarity, growth control and morphogenesis in <i>Drosophila</i> . <i>FASEB Journal</i> , 2010, 24, 65.3.	0.2	0