David Bilder

List of Publications by Year
in descending order

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	Epithelial monitoring through ligand-receptor segregation ensures malignant cell elimination. Science, 2022, 376, 297-301.	6.0	15
2	Minimal functional domains of the core polarity regulator Dlg. Biology Open, 2022, 11, .	0.6	4
3	Tumourâ€“host interactions through the lens of Drosophila. Nature Reviews Cancer, 2021, 21, 687-700.	12.8	39
4	Tumor-induced disruption of the blood-brain barrier promotes host death. Developmental Cell, 2021, 56, 2712-2721.e4.	3.1	28
5	Evidence for a nuclear role for Drosophila Dlg as a regulator of the NURF complex. Molecular Biology of the Cell, 2021, 32, ar23.	0.9	4
6	Distinct activities of Scrib module proteins organize epithelial polarity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11531-11540.	3.3	36
7	Extracellular matrix stiffness cues junctional remodeling for 3D tissue elongation. Nature Communications, 2019, 10, 3339.	5.8	44
8	Mechanical stress regulates insulin sensitivity through integrin-dependent control of insulin receptor localization. Genes and Development, 2018, 32, 156-164.	2.7	21
9	A Drosophila Tumor Suppressor Gene Prevents Tonic TNF Signaling through Receptor N-Glycosylation. Developmental Cell, 2018, 45, 595-605.e4.	3.1	40
10	Microenvironmental autophagy promotes tumour growth. Nature, 2017, 541, 417-420.	13.7	379
11	A Cell Migration Tracking Tool Supports Coupling of Tissue Rotation to Elongation. Cell Reports, 2017, 21, 559-569.	2.9	23
12	Taking Stock of the Drosophila Research Ecosystem. Genetics, 2017, 206, 1227-1236.	1.2	41
13	Organ sculpting by patterned extracellular matrix stiffness. ELife, 2017, 6, .	2.8	126
14	The Maturation of Development. Developmental Cell, 2016, 38, 569-570.	3.1	3
15	Symmetry Breaking in an Edgeless Epithelium by Fat2-Regulated Microtubule Polarity. Cell Reports, 2016, 15, 1125-1133.	2.9	46
16	Malignant Drosophila Tumors Interrupt Insulin Signaling to Induce Cachexia-like Wasting. Developmental Cell, 2015, 33, 47-55.	3.1	179
17	The transcriptional response to tumorigenic polarity loss in Drosophila. ELife, 2015, 4, .	2.8	102
18	Multiple functions of the SNARE protein Snap29 in autophagy, endocytic, and exocytic trafficking during epithelial formation inDrosophila. Autophagy, 2014, 10, 2251-2268.	4.3	72

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19	The F-box protein Slmb restricts the activity of aPKC to polarize epithelial cells. Development (Cambridge), 2014, 141, 2978-2983.	1.2	9
20	The Scribble module regulates retromer-dependent endocytic trafficking during epithelial polarization. Development (Cambridge), 2014, 141, 2796-2802.	1.2	49
21	SCFSlimb ubiquitin ligase suppresses condensin IIâ€“mediated nuclear reorganization by degrading Cap-H2. Journal of Cell Biology, 2013, 201, 49-63.	2.3	68
22	A Screen for Round Egg Mutants inDrosophilaIdentifies Tricornered, Furry, and Misshapen as Regulators of Egg Chamber Elongation. G3: Genes, Genomes, Genetics, 2012, 2, 371-378.	0.8	54
23	Expanding the Morphogenetic Repertoire: Perspectives from the Drosophila Egg. Developmental Cell, 2012, 22, 12-23.	3.1	73
24	Global Tissue Revolutions in a Morphogenetic Movement Controlling Elongation. Science, 2011, 331, 1071-1074.	6.0	305
25	Polarity and endocytosis: reciprocal regulation. Trends in Cell Biology, 2010, 20, 445-452.	3.6	96
26	Endocytic Internalization Routes Required for Delta/Notch Signaling. Current Biology, 2010, 20, 538-543.	1.8	99
27	Function follows form: Linking epithelial polarity, growth control and morphogenesis in Drosophila. FASEB Journal, 2010, 24, 65.3.	0.2	0
28	Comparative analysis of ESCRT-I, ESCRT-II and ESCRT-III function inDrosophilaby efficient isolation of ESCRT mutants. Journal of Cell Science, 2009, 122, 2413-2423.	1.2	136
29	A tumor suppressor activity of Drosophila Polycomb genes mediated by JAK-STAT signaling. Nature Genetics, 2009, 41, 1150-1155.	9.4	127
30	At the crossroads of polarity, proliferation and apoptosis: The use of Drosophila to unravel the multifaceted role of endocytosis in tumor suppression. Molecular Oncology, 2009, 3, 354-365.	2.1	42
31	Dynein Regulates Epithelial Polarity and the Apical Localization of stardust A mRNA. PLoS Genetics, 2008, 4, e8.	1.5	91
32	Endosomal entry regulates Notch receptor activation in Drosophila melanogaster . Journal of Cell Biology, 2008, 180, 755-762.	2.3	238
33	Regulation of Early Endosomal Entry by theDrosophilaTumor Suppressors Rabenosyn and Vps45. Molecular Biology of the Cell, 2008, 19, 4167-4176.	0.9	79
34	A Mosaic Genetic Screen for Drosophila Neoplastic Tumor Suppressor Genes Based on Defective Pupation. Genetics, 2007, 177, 1667-1677.	1.2	68
35	Regulation of Imaginal Disc Growth by Tumor-Suppressor Genes inDrosophila. Annual Review of Genetics, 2006, 40, 335-361.	3.2	225
36	Endocytic control of epithelial polarity and proliferation in Drosophila. Nature Cell Biology, 2005, 7, 1232-1239.	4.6	276

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37	Mass transit: Epithelial morphogenesis in theDrosophila egg chamber. Developmental Dynamics, 2005, 232, 559-574.	0.8	267
38	The Drosophila Tumor Suppressor vps25 Prevents Nonautonomous Overproliferation by Regulating Notch Trafficking. Developmental Cell, 2005, 9, 687-698.	3.1	330
39	Domains controlling cell polarity and proliferation in the Drosophila tumor suppressor Scribble. Journal of Cell Biology, 2004, 167, 1137-1146.	2.3	126
40	Epithelial polarity and proliferation control: links from the Drosophila neoplastic tumor suppressors. Genes and Development, 2004, 18, 1909-1925.	2.7	493
41	PDZ domain polarity complexes. Current Biology, 2003, 13, R661-R662.	1.8	16
42	Integrated activity of PDZ protein complexes regulates epithelial polarity. Nature Cell Biology, 2003, 5, 53-58.	4.6	396
43	Recruitment of Scribble to the Synaptic Scaffolding Complex Requires GUK-holder, a Novel DLG Binding Protein. Current Biology, 2002, 12, 531-539.	1.8	122
44	Response to â€œProblems with LAP nomenclatureâ€• Nature Cell Biology, 2001, 3, E90-E90.	4.6	1
45	Localization of apical epithelial determinants by the basolateral PDZ protein Scribble. Nature, 2000, 403, 676-680.	13.7	629
46	Collective nomenclature for LAP proteins. Nature Cell Biology, 2000, 2, E114-E114.	4.6	64