

Clemens Cabernard

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,877
citations

361413

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477307

29
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41
docs citations

41
times ranked

1806
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic centriolar localization of Polo and Centrobin in early mitosis primes centrosome asymmetry. PLoS Biology, 2020, 18, e3000762.	5.6	15
2	Mechanical regulation of cell size, fate, and behavior during asymmetric cell division. Current Opinion in Cell Biology, 2020, 67, 9-16.	5.4	11
3	Principles and mechanisms of asymmetric cell division. Development (Cambridge), 2020, 147, .	2.5	83
4	Dynamic centriolar localization of Polo and Centrobin in early mitosis primes centrosome asymmetry. , 2020, 18, e3000762.		0
5	Dynamic centriolar localization of Polo and Centrobin in early mitosis primes centrosome asymmetry. , 2020, 18, e3000762.		0
6	Dynamic centriolar localization of Polo and Centrobin in early mitosis primes centrosome asymmetry. , 2020, 18, e3000762.		0
7	Dynamic centriolar localization of Polo and Centrobin in early mitosis primes centrosome asymmetry. , 2020, 18, e3000762.		0
8	Spatiotemporally Controlled Myosin Relocalization and Internal Pressure Generate Sibling Cell Size Asymmetry. IScience, 2019, 13, 9-19.	4.1	16
9	Dynamic MAPK signaling activity underlies a transition from growth arrest to proliferation in <i>Drosophila scribble</i> mutant tumors. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	19
10	Mechanics of cell division and cytokinesis. Molecular Biology of the Cell, 2018, 29, 685-686.	2.1	5
11	<i>Drosophila melanogaster</i> Neuroblasts: A Model for Asymmetric Stem Cell Divisions. Results and Problems in Cell Differentiation, 2017, 61, 183-210.	0.7	43
12	Myosin efflux promotes cell elongation to coordinate chromosome segregation with cell cleavage. Nature Communications, 2017, 8, 326.	12.8	15
13	Cell Polarity Regulates Biased Myosin Activity and Dynamics during Asymmetric Cell Division via <i>Drosophila</i> Rho Kinase and Protein Kinase N. Developmental Cell, 2017, 42, 143-155.e5.	7.0	37
14	Spatio-temporally separated cortical flows and spindle geometry establish physical asymmetry in fly neural stem cells. Nature Communications, 2017, 8, 1383.	12.8	70
15	Sibling cell size matters. ELife, 2017, 6, .	6.0	3
16	The Microcephaly-Associated Protein Wdr62/CG7337 Is Required to Maintain Centrosome Asymmetry in <i>Drosophila</i> Neuroblasts. Cell Reports, 2016, 14, 1100-1113.	6.4	55
17	Asymmetrically dividing <i>Drosophila</i> neuroblasts utilize two spatially and temporally independent cytokinesis pathways. Nature Communications, 2015, 6, 6551.	12.8	29
18	Rootletin organizes the ciliary rootlet to achieve neuron sensory function in <i>Drosophila</i> . Journal of Cell Biology, 2015, 211, 435-453.	5.2	63

#	ARTICLE	IF	CITATIONS
19	Control of asymmetric cell division. <i>Current Opinion in Cell Biology</i> , 2014, 31, 84-91.	5.4	46
20	The Centriolar Protein Bld10/Cep135 Is Required to Establish Centrosome Asymmetry in <i>Drosophila</i> Neuroblasts. <i>Current Biology</i> , 2014, 24, 1548-1555.	3.9	46
21	Live Imaging of Neuroblast Lineages within Intact Larval Brains in <i>Drosophila</i> . <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot078162.	0.3	36
22	Cytokinesis in <i>Drosophila melanogaster</i> . <i>Cytoskeleton</i> , 2012, 69, 791-809.	2.0	15
23	Neurogenesis: Premature Mitotic Entry Lets Cleavage Planes Take Off!. <i>Current Biology</i> , 2012, 22, R25-R28.	3.9	0
24	Asymmetric cortical extension leads to asymmetric cell division in <i>Drosophila</i> neuroblasts. <i>FASEB Journal</i> , 2012, 26, 591.4.	0.5	0
25	Cell Division Orientation in Animals. <i>Current Biology</i> , 2011, 21, R599-R609.	3.9	146
26	Asymmetric cortical extension shifts cleavage furrow position in <i>Drosophila</i> neuroblasts. <i>Molecular Biology of the Cell</i> , 2011, 22, 4220-4226.	2.1	59
27	A spindle-independent cleavage furrow positioning pathway. <i>Nature</i> , 2010, 467, 91-94.	27.8	163
28	Fragile X protein controls neural stem cell proliferation in the <i>Drosophila</i> brain. <i>Human Molecular Genetics</i> , 2010, 19, 3068-3079.	2.9	67
29	Apical/Basal Spindle Orientation Is Required for Neuroblast Homeostasis and Neuronal Differentiation in <i>Drosophila</i> . <i>Developmental Cell</i> , 2009, 17, 134-141.	7.0	147
30	A Genetic Mosaic Analysis With a Repressible Cell Marker Screen to Identify Genes Involved in Tracheal Cell Migration During <i>Drosophila</i> Air Sac Morphogenesis. <i>Genetics</i> , 2007, 176, 2177-2187.	2.9	22
31	Stem Cell Self-Renewal: Centrosomes on the Move. <i>Current Biology</i> , 2007, 17, R465-R467.	3.9	9
32	The NuMA-related Mud protein binds Pins and regulates spindle orientation in <i>Drosophila</i> neuroblasts. <i>Nature Cell Biology</i> , 2006, 8, 594-600.	10.3	288
33	<i>Drosophila</i> Aurora-A kinase inhibits neuroblast self-renewal by regulating aPKC/Numb cortical polarity and spindle orientation. <i>Genes and Development</i> , 2006, 20, 3464-3474.	5.9	241
34	Distinct Roles for Two Receptor Tyrosine Kinases in Epithelial Branching Morphogenesis in <i>Drosophila</i> . <i>Developmental Cell</i> , 2005, 9, 831-842.	7.0	102
35	Cellular and molecular mechanisms involved in branching morphogenesis of the <i>Drosophila</i> tracheal system. <i>Journal of Applied Physiology</i> , 2004, 97, 2347-2353.	2.5	24
36	Spatiotemporally Controlled Myosin Relocalization and Internal Pressure Cause Biased Cortical Extension to Generate Sibling Cell Size Asymmetry. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0