

Yu Cai

List of Publications by Year in descending order

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38
papers

1,997
citations

331670

21
h-index

345221

36
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39
all docs

39
docs citations

39
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of partner of inscuteable, a Novel Player of <i>Drosophila</i> Asymmetric Divisions, Reveals Two Distinct Steps in Inscuteable Apical Localization. <i>Cell</i> , 2000, 100, 399-409.	28.9	348
2	Inscuteable and Staufén Mediate Asymmetric Localization and Segregation of prospero RNA during <i>Drosophila</i> Neuroblast Cell Divisions. <i>Cell</i> , 1997, 90, 437-447.	28.9	209
3	Apical Complex Genes Control Mitotic Spindle Geometry and Relative Size of Daughter Cells in <i>Drosophila</i> Neuroblast and pl Asymmetric Divisions. <i>Cell</i> , 2003, 112, 51-62.	28.9	133
4	Distinct roles of G β i and G β 13F subunits of the heterotrimeric G protein complex in the mediation of <i>Drosophila</i> neuroblast asymmetric divisions. <i>Journal of Cell Biology</i> , 2003, 162, 623-633.	5.2	111
5	The <i>Drosophila</i> Female Germline Stem Cell Lineage Acts to Spatially Restrict DPP Function Within the Niche. <i>Science Signaling</i> , 2010, 3, ra57.	3.6	109
6	<i>Drosophila melanogaster</i> as a model organism to study nanotoxicity. <i>Nanotoxicology</i> , 2015, 9, 396-403.	3.0	102
7	The JAK/STAT pathway positively regulates DPP signaling in the <i>Drosophila</i> germline stem cell niche. <i>Journal of Cell Biology</i> , 2008, 180, 721-728.	5.2	100
8	Wnt ligands regulate Tkv expression to constrain Dpp activity in the <i>Drosophila</i> ovarian stem cell niche. <i>Journal of Cell Biology</i> , 2015, 209, 595-608.	5.2	74
9	Par complex cluster formation mediated by phase separation. <i>Nature Communications</i> , 2020, 11, 2266.	12.8	73
10	Dynein-mediated apical localization of <i>crumbs</i> transcripts is required for Crumbs activity in epithelial polarity. <i>Journal of Cell Biology</i> , 2008, 180, 31-38.	5.2	70
11	Dpp/Gbb signaling is required for normal intestinal regeneration during infection. <i>Developmental Biology</i> , 2015, 399, 189-203.	2.0	65
12	Basal condensation of Numb and Pon complex via phase transition during <i>Drosophila</i> neuroblast asymmetric division. <i>Nature Communications</i> , 2018, 9, 737.	12.8	57
13	Silver nanoparticles disrupt germline stem cell maintenance in the <i>Drosophila</i> testis. <i>Scientific Reports</i> , 2016, 6, 20632.	3.3	54
14	Roles of Bifocal, Homer, and F-actin in anchoring Oskar to the posterior cortex of <i>Drosophila</i> oocytes. <i>Genes and Development</i> , 2004, 18, 138-143.	5.9	53
15	Coordinated niche-associated signals promote germline homeostasis in the <i>Drosophila</i> ovary. <i>Journal of Cell Biology</i> , 2015, 211, 469-484.	5.2	48
16	<i>Drosophila</i> homologs of mammalian TNF/TNFR-related molecules regulate segregation of Miranda/Prospero in neuroblasts. <i>EMBO Journal</i> , 2006, 25, 5783-5793.	7.8	47
17	Hedgehog Signaling Acts with the Temporal Cascade to Promote Neuroblast Cell Cycle Exit. <i>PLoS Biology</i> , 2013, 11, e1001494.	5.6	43
18	Redox Homeostasis Plays Important Roles in the Maintenance of the <i>Drosophila</i> Testis Germline Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 342-354.	4.8	35

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19	The Integrator subunits function in hematopoiesis by modulating Smad/BMP signaling. <i>Development (Cambridge)</i> , 2009, 136, 2757-2765.	2.5	33
20	EGFR/MAPK Signaling Regulates the Proliferation of <i>Drosophila</i> Renal and Nephric Stem Cells. <i>Journal of Genetics and Genomics</i> , 2015, 42, 9-20.	3.9	28
21	The structural basis of Miranda-mediated Staufen localization during <i>Drosophila</i> neuroblast asymmetric division. <i>Nature Communications</i> , 2015, 6, 8381.	12.8	28
22	Phosphotyrosyl phosphatase activator facilitates Miranda localization through dephosphorylation in dividing neuroblasts. <i>Development (Cambridge)</i> , 2015, 143, 35-44.	2.5	22
23	Smad-Independent BMP Signaling in Somatic Cells Limits the Size of the Germline Stem Cell Pool. <i>Stem Cell Reports</i> , 2018, 11, 811-827.	4.8	21
24	Engrailed acts with Nejire to control <i>decapentaplegic</i> expression in the <i>Drosophila</i> ovarian stem cell niche. <i>Development (Cambridge)</i> , 2017, 144, 3224-3231.	2.5	20
25	Abstrakt, a DEAD Box Protein, Regulates Insc Levels and Asymmetric Division of Neural and Mesodermal Progenitors. <i>Current Biology</i> , 2004, 14, 138-144.	3.9	19
26	C-Type Lectins Link Immunological and Reproductive Processes in <i>Aedes aegypti</i> . <i>IScience</i> , 2020, 23, 101486.	4.1	19
27	Differential Notch Activity Is Required for Homeostasis of Malpighian Tubules in Adult <i>Drosophila</i> . <i>Journal of Genetics and Genomics</i> , 2014, 41, 649-652.	3.9	15
28	Rbf Regulates <i>Drosophila</i> Spermatogenesis via Control of Somatic Stem and Progenitor Cell Fate in the Larval Testis. <i>Stem Cell Reports</i> , 2016, 7, 1152-1163.	4.8	14
29	Signal transduction pathways regulating <i>Drosophila</i> ovarian germline stem cells. <i>Current Opinion in Insect Science</i> , 2020, 37, 1-7.	4.4	12
30	Inscuteable-independent apicobasally oriented asymmetric divisions in the <i>Drosophila</i> embryonic CNS. <i>EMBO Reports</i> , 2002, 3, 660-665.	4.5	8
31	The Cell Cycle Machinery and Asymmetric Cell Division of Neural Progenitors in the <i>Drosophila</i> Embryonic Central Nervous System. <i>Novartis Foundation Symposium</i> , 2008, 237, 139-157.	1.1	8
32	A niche for <i>Drosophila</i> neuroblasts?. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012, 1, 307-314.	5.9	6
33	RanGAP-mediated nucleocytoplasmic transport of Prospero regulates neural stem cell lifespan in <i>Drosophila</i> larval central brain. <i>Aging Cell</i> , 2019, 18, e12854.	6.7	6
34	Immunostaining of Germline Stem Cells and the Niche in <i>Drosophila</i> Ovaries. <i>Methods in Molecular Biology</i> , 2013, 1035, 1-7.	0.9	4
35	The Regulation of Germline Stem Cells and Their Neighbouring Somatic Cells in the Fruit Fly (<i>Drosophila melanogaster</i>). , 2018, , .		1
36	Induced Hatching of Quiescent <i>Aedes aegypti</i> (Diptera: Culicidae) Eggs by Labile Glutathione-Stabilizable Compounds From Yeast Extract. <i>Journal of Medical Entomology</i> , 2021, 58, 956-960.	1.8	1

#	ARTICLE	IF	CITATIONS
37	dRTEL1 is essential for the maintenance of Drosophila male germline stem cells. PLoS Genetics, 2021, 17, e1009834.	3.5	1
38	Canonical Wnt Signaling Promotes Formation of Somatic Permeability Barrier for Proper Germ Cell Differentiation. Frontiers in Cell and Developmental Biology, 2022, 10, 877047.	3.7	0