Yu Cai

List of Publications by Year
in descending order

38 papers	1,997 citations	331670 21 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	1957 citing authors

#	Article	IF	Citations
1	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
2	Induced Hatching of Quiescent Aedes aegypti (Diptera: Culicidae) Eggs by Labile Glutathione-Stabilizable Compounds From Yeast Extract. Journal of Medical Entomology, 2021, 58, 956-960.	1.8	1
3	dRTEL1 is essential for the maintenance of Drosophila male germline stem cells. PLoS Genetics, 2021, 17, e1009834.	3.5	1
4	Signal transduction pathways regulating Drosophila ovarian germline stem cells. Current Opinion in Insect Science, 2020, 37, 1-7.	4.4	12
5	C-Type Lectins Link Immunological and Reproductive Processes in Aedes aegypti. IScience, 2020, 23, 101486.	4.1	19
6	Par complex cluster formation mediated by phase separation. Nature Communications, 2020, 11, 2266.	12.8	73
7	RanGAPâ€mediated nucleocytoplasmic transport of Prospero regulates neural stem cell lifespan in Drosophila larval central brain. Aging Cell, 2019, 18, e12854.	6.7	6
8	Basal condensation of Numb and Pon complex via phase transition during Drosophila neuroblast asymmetric division. Nature Communications, 2018, 9, 737.	12.8	57
9	The Regulation of Germline Stem Cells and Their Neighbouring Somatic Cells in the Fruit Fly (Drosophila melanogaster). , 2018, , .		1
10	Smad-Independent BMP Signaling in Somatic Cells Limits the Size of the Germline Stem Cell Pool. Stem Cell Reports, 2018, 11, 811-827.	4.8	21
11	Engrailed acts with Nejire to controldecapentaplegicexpression in theDrosophilaovarian stem cell niche. Development (Cambridge), 2017, 144, 3224-3231.	2.5	20
12	Redox Homeostasis Plays Important Roles in the Maintenance of the Drosophila Testis Germline Stem Cells. Stem Cell Reports, 2017, 9, 342-354.	4.8	35
13	Rbf Regulates Drosophila Spermatogenesis via Control of Somatic Stem and Progenitor Cell Fate in the Larval Testis. Stem Cell Reports, 2016, 7, 1152-1163.	4.8	14
14	Silver nanoparticles disrupt germline stem cell maintenance in the Drosophila testis. Scientific Reports, 2016, 6, 20632.	3.3	54
15	Wnt ligands regulate Tkv expression to constrain Dpp activity in the Drosophila ovarian stem cell niche. Journal of Cell Biology, 2015, 209, 595-608.	5.2	74
16	Phosphotyrosyl phosphatase activator facilitates Miranda localization through dephosphorylation in dividing neuroblasts. Development (Cambridge), 2015, 143, 35-44.	2.5	22
17	Dpp/Gbb signaling is required for normal intestinal regeneration during infection. Developmental Biology, 2015, 399, 189-203.	2.0	65
18	EGFR/MAPK Signaling Regulates the Proliferation of Drosophila Renal and Nephric Stem Cells. Journal of Genetics and Genomics, 2015, 42, 9-20.	3.9	28

#	Article	IF	Citations
19	The structural basis of Miranda-mediated Staufen localization during Drosophila neuroblast asymmetric division. Nature Communications, 2015, 6, 8381.	12.8	28
20	Coordinated niche-associated signals promote germline homeostasis in the Drosophila ovary. Journal of Cell Biology, 2015, 211, 469-484.	5.2	48
21	Drosophila melanogasteras a model organism to study nanotoxicity. Nanotoxicology, 2015, 9, 396-403.	3.0	102
22	Differential Notch Activity Is Required for Homeostasis of Malpighian Tubules in Adult Drosophila. Journal of Genetics and Genomics, 2014, 41, 649-652.	3.9	15
23	Hedgehog Signaling Acts with the Temporal Cascade to Promote Neuroblast Cell Cycle Exit. PLoS Biology, 2013, 11, e1001494.	5.6	43
24	Immunostaining of Germline Stem Cells and the Niche in Drosophila Ovaries. Methods in Molecular Biology, 2013, 1035, 1-7.	0.9	4
25	A niche for Drosophila neuroblasts?. Wiley Interdisciplinary Reviews: Developmental Biology, 2012, 1, 307-314.	5.9	6
26	The Drosophila Female Germline Stem Cell Lineage Acts to Spatially Restrict DPP Function Within the Niche. Science Signaling, 2010, 3, ra57.	3.6	109
27	The Integrator subunits function in hematopoiesis by modulating Smad/BMP signaling. Development (Cambridge), 2009, 136, 2757-2765.	2.5	33
28	Dynein-mediated apical localization of crumbs transcripts is required for Crumbs activity in epithelial polarity. Journal of Cell Biology, 2008, 180, 31-38.	5.2	70
29	The JAK/STAT pathway positively regulates DPP signaling in the Drosophila germline stem cell niche. Journal of Cell Biology, 2008, 180, 721-728.	5.2	100
30	The Cell Cycle Machinery and Asymmetric Cell Division of Neural Progenitors in the Drosophila Embryonic Central Nervous System. Novartis Foundation Symposium, 2008, 237, 139-157.	1.1	8
31	Drosophila homologs of mammalian TNF/TNFR-related molecules regulate segregation of Miranda/Prospero in neuroblasts. EMBO Journal, 2006, 25, 5783-5793.	7.8	47
32	Roles of Bifocal, Homer, and F-actin in anchoring Oskar to the posterior cortex of Drosophila oocytes. Genes and Development, 2004, 18, 138-143.	5.9	53
33	Abstrakt, a DEAD Box Protein, Regulates Insc Levels and Asymmetric Division of Neural and Mesodermal Progenitors. Current Biology, 2004, 14, 138-144.	3.9	19
34	Apical Complex Genes Control Mitotic Spindle Geometry and Relative Size of Daughter Cells in Drosophila Neuroblast and pI Asymmetric Divisions. Cell, 2003, 112, 51-62.	28.9	133
35	Distinct roles of GÎ±i and GÎ²13F subunits of the heterotrimeric G protein complex in the mediation of Drosophila neuroblast asymmetric divisions. Journal of Cell Biology, 2003, 162, 623-633.	5.2	111
36	Inscuteableâ€independent apicobasally oriented asymmetric divisions in theDrosophilaembryonic CNS. EMBO Reports, 2002, 3, 660-665.	4.5	8

#	Article	IF	Citations
37	Analysis of partner of inscuteable, a Novel Player of Drosophila Asymmetric Divisions, Reveals Two Distinct Steps in Inscuteable Apical Localization. Cell, 2000, 100, 399-409.	28.9	348
38	Inscuteable and Staufen Mediate Asymmetric Localization and Segregation of prospero RNA during Drosophila Neuroblast Cell Divisions. Cell, 1997, 90, 437-447.	28.9	209