Wu-Min Deng

List of Publications by Year
in descending order

62 papers	3,306 citations	201674 27 h-index	155660 55 g-index
66 all docs	66 docs citations	66 times ranked	3292 citing authors

#	Article	IF	Citations
1	Polyploidy in development and tumor models in Drosophila. Seminars in Cancer Biology, 2022, 81, 106-118.	9.6	12
2	Tumor Allotransplantation in Drosophila melanogaster with a Programmable Auto-Nanoliter Injector. Journal of Visualized Experiments, 2021, , .	0.3	3
3	Tumor models in various <i>Drosophila</i> tissues. WIREs Mechanisms of Disease, 2021, 13, e1525.	3.3	13
4	A comprehensive in vivo screen for anti-apoptotic miRNAs indicates broad capacities for oncogenic synergy. Developmental Biology, 2021, 475, 10-20.	2.0	9
5	Polyploid mitosis and depolyploidization promote chromosomal instability and tumor progression in a Notch-induced tumor model. Developmental Cell, 2021, 56, 1976-1988.e4.	7.0	17
6	Modeling Notch-Induced Tumor Cell Survival in the Drosophila Ovary Identifies Cellular and Transcriptional Response to Nuclear NICD Accumulation. Cells, 2021, 10, 2222.	4.1	9
7	A single-cell atlas of adult Drosophila ovary identifies transcriptional programs and somatic cell lineage regulating oogenesis. PLoS Biology, 2020, 18, e3000538.	5.6	85
8	Deconstructing tumor heterogeneity: the stromal perspective. Oncotarget, 2020, 11, 3621-3632.	1.8	29
9	CRL4Mahj E3 ubiquitin ligase promotes neural stem cell reactivation. PLoS Biology, 2019, 17, e3000276.	5.6	19
10	Oncogenic Notch Triggers Neoplastic Tumorigenesis in a Transition-Zone-like Tissue Microenvironment. Developmental Cell, 2019, 49, 461-472.e5.	7.0	27
11	Drosophila chromatin assembly factor 1 p105 and p180 subunits are required for follicle cell proliferation via inhibiting Notch signaling. Journal of Cell Science, 2019, 132, .	2.0	3
12	Drosophila Model in Cancer: An Introduction. Advances in Experimental Medicine and Biology, 2019, 1167, 1-14.	1.6	21
13	Endoreplication: The Good, the Bad, and the Ugly. Trends in Cell Biology, 2018, 28, 465-474.	7.9	98
14	Germline silencing of UASt depends on the piRNA pathway. Journal of Genetics and Genomics, 2018, 45, 273-276.	3.9	4
15	Serrate/Notch Signaling Regulates the Size of the Progenitor Cell Pool in<i>Drosophila</i>Imaginal Rings. Genetics, 2018, 209, 829-843.	2.9	24
16	Differential Regulation of Cyclin E by Yorkie-Scalloped Signaling in Organ Development. G3: Genes, Genomes, Genetics, 2017, 7, 1049-1060.	1.8	19
17	Tissue-Intrinsic Tumor Hotspots: Terroir for Tumorigenesis. Trends in Cancer, 2017, 3, 259-268.	7.4	16
18	The SWI/SNF Complex Protein Snr1 Is a Tumor Suppressor in <i>Drosophila</i> Imaginal Tissues. Cancer Research, 2017, 77, 862-873.	0.9	13

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19	Systematic analysis reveals tumor-enhancing and -suppressing microRNAs in<i>Drosophila</i>epithelial tumors. Oncotarget, 2017, 8, 108825-108839.	1.8	6
20	Epithelial Tumors Originate in Tumor Hotspots, a Tissue-Intrinsic Microenvironment. PLoS Biology, 2016, 14, e1002537.	5.6	75
21	Maternal <scp>AP</scp> determinants in the <i>Drosophila</i> oocyte and embryo. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 562-581.	5.9	18
22	Automatic stage identification of Drosophila egg chamber based on DAPI images. Scientific Reports, 2016, 6, 18850.	3.3	64
23	The Ecdysone and Notch Pathways Synergistically Regulate Cut at the Dorsalâ€“Ventral Boundary in Drosophila Wing Discs. Journal of Genetics and Genomics, 2016, 43, 179-186.	3.9	12
24	RNA helicase Belle/DDX3 regulates transgene expression in Drosophila. Developmental Biology, 2016, 412, 57-70.	2.0	20
25	A large-scale in vivo RNAi screen to identify genes involved in Notch-mediated follicle cell differentiation and cell cycle switches. Scientific Reports, 2015, 5, 12328.	3.3	25
26	Ligand-Independent Mechanisms of Notch Activity. Trends in Cell Biology, 2015, 25, 697-707.	7.9	64
27	Analysis of Cell Cycle Switches in Drosophila Oogenesis. Methods in Molecular Biology, 2015, 1328, 207-216.	0.9	22
28	Histone chaperone CAF-1: essential roles in multi-cellular organism development. Cellular and Molecular Life Sciences, 2015, 72, 327-337.	5.4	21
29	E(y)1/TAF9 mediates the transcriptional output of Notch signaling in Drosophila. Journal of Cell Science, 2014, 127, 3830-9.	2.0	13
30	Regulation of broad by the Notch pathway affects timing of follicle cell development. Developmental Biology, 2014, 392, 52-61.	2.0	30
31	Compensatory cellular hypertrophy: the other strategy for tissue homeostasis. Trends in Cell Biology, 2014, 24, 230-237.	7.9	42
32	Cis-interactions between Notch and its ligands block ligand-independent Notch activity. ELife, 2014, 3, .	6.0	45
33	E(y)1/TAF9 mediates the transcriptional output of Notch signaling in <i>Drosophila</i>. Development (Cambridge), 2014, 141, e1805-e1805.	2.5	0
34	CAF-1 promotes Notch signaling through epigenetic control of target gene expression during <i>Drosophila</i> development. Development (Cambridge), 2013, 140, 3635-3644.	2.5	28
35	Efficient EGFR signaling and dorsalâ€“ventral axis patterning requires syntaxin dependent Gurken trafficking. Developmental Biology, 2013, 373, 349-358.	2.0	9
36	Tissue Repair through Cell Competition and Compensatory Cellular Hypertrophy in Postmitotic Epithelia. Developmental Cell, 2013, 25, 350-363.	7.0	130

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37	The microRNA miR-7 regulates Tramtrack69 in a developmental switch in <i>Drosophila</i> follicle cells. Development (Cambridge), 2013, 140, 897-905.	2.5	24
38	Prp22 and Spliceosome Components Regulate Chromatin Dynamics in Germ-Line Polyploid Cells. PLoS ONE, 2013, 8, e79048.	2.5	5
39	The transcriptional corepressor SMRTER influences both Notch and ecdysone signaling during Drosophila development. Biology Open, 2012, 1, 182-196.	1.2	14
40	Cell competition and its implications for development and cancer. Journal of Genetics and Genomics, 2011, 38, 483-495.	3.9	65
41	Molecular genetics of cancer and tumorigenesis: Drosophila models. Journal of Genetics and Genomics, 2011, 38, 429-430.	3.9	2
42	At the crossroads of differentiation and proliferation: Precise control of cellâ€cycle changes by multiple signaling pathways in <i>Drosophila</i> follicle cells. BioEssays, 2011, 33, 124-134.	2.5	93
43	The microRNA pathway regulates the temporal pattern of Notch signaling in <i>Drosophila</i> follicle cells. Development (Cambridge), 2011, 138, 1737-1745.	2.5	40
44	Involvement of Lgl and Mahjong/VprBP in Cell Competition. PLoS Biology, 2010, 8, e1000422.	5.6	154
45	<i>poly</i>is required for nurse cell chromosome dispersal and oocyte polarity in Drosophila. Fly, 2010, 4, 128-136.	1.7	5
46	Kibra Functions as a Tumor Suppressor Protein that Regulates Hippo Signaling in Conjunction with Merlin and Expanded. Developmental Cell, 2010, 18, 288-299.	7.0	439
47	Notch Signaling and Developmental Cell-Cycle Arrest in Drosophila Polar Follicle Cells. Molecular Biology of the Cell, 2009, 20, 5064-5073.	2.1	25
48	Par-1 and Tau regulate the anteriorâ€“posterior gradient of microtubules in Drosophila oocytes. Developmental Biology, 2009, 327, 458-464.	2.0	19
49	Lgl and its phosphorylation by aPKC regulate oocyte polarity formation in Drosophila. Development (Cambridge), 2008, 135, 463-471.	2.5	61
50	Regulation of the endocycle/gene amplification switch by Notch and ecdysone signaling. Journal of Cell Biology, 2008, 182, 885-896.	5.2	84
51	The Hippo Pathway Promotes Notch Signaling in Regulation of Cell Differentiation, Proliferation, and Oocyte Polarity. PLoS ONE, 2008, 3, e1761.	2.5	102
52	Cellâ€“cell communication and axis specification in the Drosophila oocyte. Developmental Biology, 2007, 311, 1-10.	2.0	36
53	Hindsight Mediates the Role of Notch in Suppressing Hedgehog Signaling and Cell Proliferation. Developmental Cell, 2007, 12, 431-442.	7.0	153
54	Perlecan and Dystroglycan act at the basal side of the Drosophila follicular epithelium to maintain epithelial organization. Development (Cambridge), 2006, 133, 3805-3815.	2.5	104

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55	Dystroglycan down-regulation links EGF receptor signaling and anterior-posterior polarity formation in the Drosophila oocyte. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12775-12780.	7.1	29
56	Notch-dependent downregulation of the homeodomain gene cut is required for the mitotic cycle/endocycle switch and cell differentiation in Drosophila follicle cells. Development (Cambridge), 2005, 132, 4299-4308.	2.5	128
57	Notch-Dependent Fizzy-Related/Hec1/Cdh1 Expression Is Required for the Mitotic-to-Endocycle Transition in Drosophila Follicle Cells. Current Biology, 2004, 14, 630-636.	3.9	99
58	Dystroglycan is required for polarizing the epithelial cells and the oocyte inDrosophila. Development (Cambridge), 2003, 130, 173-184.	2.5	156
59	Notch-Delta signaling induces a transition from mitotic cell cycle to endocycle in<i>Drosophila</i>follicle cells. Development (Cambridge), 2001, 128, 4737-4746.	2.5	201
60	The homeobox gene mirror links EGF signalling to embryonic dorso-ventral axis formation through Notch activation. Nature Genetics, 2000, 24, 429-433.	21.4	81
61	Laminin A is required for follicle cellâ€“oocyte signaling that leads to establishment of the anteriorâ€“posterior axis in Drosophila. Current Biology, 2000, 10, 683-686.	3.9	46
62	The Function of the Broad-Complex During Drosophila melanogaster Oogenesis. Genetics, 1999, 153, 1371-1383.	2.9	94