Lolitika Mandal

List of Publications by Year
in descending order

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27 papers	1,504 citations	623188 14 h-index	580395 25 g-index
34 all docs	34 docs citations	34 times ranked	1262 citing authors

#	Article	IF	Citations
1	Combination of Immunofluorescence and Quantitative Fluorescence In-situ Hybridization for Analysing Differential Gene Expression in the Niche Cells of the Drosophila Lymph Gland. Bio-protocol, 2022, 12, e4290.	0.2	0
2	Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in Drosophila. Science Advances, 2022, 8, eabj4991.	4.7	12
3	Relish plays a dynamic role in the niche to modulate Drosophila blood progenitor homeostasis in development and infection. ELife, 2021, 10, .	2.8	9
4	Ubx-Collier signaling cascade maintains blood progenitors in the posterior lobes of the Drosophila larval lymph gland. PLoS Genetics, 2021, 17, e1009709.	1.5	4
5	Drosophila metamorphosis involves hemocyte mediated macroendocytosis and efferocytosis. International Journal of Developmental Biology, 2020, 64, 319-329.	0.3	5
6	A Forward Genetic Approach to Mapping aP-Element Second Site Mutation IdentifiesDCP2as a Novel Tumor Suppressor inDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2020, 10, 2601-2618.	0.8	0
7	Fatty acid Î²-oxidation is required for the differentiation of larval hematopoietic progenitors in Drosophila. ELife, 2020, 9, .	2.8	30
8	Cell Adhesion-Mediated Actomyosin Assembly Regulates the Activity of Cubitus Interruptus for Hematopoietic Progenitor Maintenance in Drosophila. Genetics, 2019, 212, 1279-1300.	1.2	23
9	ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. Developmental Cell, 2019, 49, 473-489.e9.	3.1	29
10	Lar maintains the homeostasis of the hematopoietic organ in Drosophila by regulating insulin signaling in the niche. Development (Cambridge), 2019, 146, .	1.2	9
11	Detecting proliferation of adult hemocytes in Drosophila by BrdU incorporation and PH3 expression in response to bacterial infection. Wellcome Open Research, 2018, 3, 47.	0.9	4
12	Noncanonical Decapentaplegic Signaling Activates Matrix Metalloproteinase 1 To Restrict Hedgehog Activity and Limit Ectopic Eye Differentiation in Drosophila. Genetics, 2017, 207, 197-213.	1.2	3
13	The morphogen Decapentaplegic employs a two-tier mechanism to activate target retinal determining genes during ectopic eye formation in Drosophila. Scientific Reports, 2016, 6, 27270.	1.6	2
14	Dpp dependent Hematopoietic stem cells give rise to Hh dependent blood progenitors in larval lymph gland of Drosophila. ELife, 2016, 5, .	2.8	43
15	Active Hematopoietic Hubs in Drosophila Adults Generate Hemocytes and Contribute to Immune Response. Developmental Cell, 2015, 33, 478-488.	3.1	122
16	Interaction between Differentiating Cell- and Niche-Derived Signals in Hematopoietic Progenitor Maintenance. Cell, 2011, 147, 1589-1600.	13.5	178
17	The convergence of Notch and MAPK signaling specifies the blood progenitor fate in the Drosophila mesoderm. Developmental Biology, 2011, 353, 105-118.	0.9	28
18	Interaction Between Notch and Hif-Î± in Development and Survival of Drosophila Blood Cells. Science, 2011, 332, 1210-1213.	6.0	170

#	Article	IF	Citations
19	Hematopoiesis at the onset of metamorphosis: terminal differentiation and dissociation of the Drosophila lymph gland. Development Genes and Evolution, 2011, 221, 121-131.	0.4	115
20	Dual Role of Wingless Signaling in Stem-like Hematopoietic Precursor Maintenance in Drosophila. Developmental Cell, 2009, 16, 756-763.	3.1	125
21	Genetic Dissection of Hematopoiesis Using Drosophila as a Model System. Advances in Developmental Biology (Amsterdam, Netherlands), 2007, , 259-299.	0.4	9
22	A Hedgehog- and Antennapedia-dependent niche maintains Drosophila haematopoietic precursors. Nature, 2007, 446, 320-324.	13.7	264
23	Subdivision and developmental fate of the head mesoderm in Drosophila melanogaster. Development Genes and Evolution, 2006, 216, 39-51.	0.4	34
24	The blood/vascular system in a phylogenetic perspective. BioEssays, 2006, 28, 1203-1210.	1.2	66
25	Evidence for a fruit fly hemangioblast and similarities between lymph-gland hematopoiesis in fruit fly and mammal aorta-gonadal-mesonephros mesoderm. Nature Genetics, 2004, 36, 1019-1023.	9.4	187
26	Role of FGFR signaling in the morphogenesis of theDrosophila visceral musculature. Developmental Dynamics, 2004, 231, 342-348.	0.8	24
27	Detecting proliferation of adult hemocytes in Drosophila by BrdU incorporation. Wellcome Open Research, 0, 3, 47.	0.9	0