

Lolitika Mandal

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Hedgehog- and Antennapedia-dependent niche maintains <i>Drosophila</i> haematopoietic precursors. <i>Nature</i> , 2007, 446, 320-324.	13.7	264
2	Evidence for a fruit fly hemangioblast and similarities between lymph-gland hematopoiesis in fruit fly and mammal aorta-gonadal-mesonephros mesoderm. <i>Nature Genetics</i> , 2004, 36, 1019-1023.	9.4	187
3	Interaction between Differentiating Cell- and Niche-Derived Signals in Hematopoietic Progenitor Maintenance. <i>Cell</i> , 2011, 147, 1589-1600.	13.5	178
4	Interaction Between Notch and Hif-1 α in Development and Survival of <i>Drosophila</i> Blood Cells. <i>Science</i> , 2011, 332, 1210-1213.	6.0	170
5	Dual Role of Wingless Signaling in Stem-like Hematopoietic Precursor Maintenance in <i>Drosophila</i> . <i>Developmental Cell</i> , 2009, 16, 756-763.	3.1	125
6	Active Hematopoietic Hubs in <i>Drosophila</i> Adults Generate Hemocytes and Contribute to Immune Response. <i>Developmental Cell</i> , 2015, 33, 478-488.	3.1	122
7	Hematopoiesis at the onset of metamorphosis: terminal differentiation and dissociation of the <i>Drosophila</i> lymph gland. <i>Development Genes and Evolution</i> , 2011, 221, 121-131.	0.4	115
8	The blood/vascular system in a phylogenetic perspective. <i>BioEssays</i> , 2006, 28, 1203-1210.	1.2	66
9	Dpp dependent Hematopoietic stem cells give rise to Hh dependent blood progenitors in larval lymph gland of <i>Drosophila</i> . <i>ELife</i> , 2016, 5, .	2.8	43
10	Subdivision and developmental fate of the head mesoderm in <i>Drosophila melanogaster</i> . <i>Development Genes and Evolution</i> , 2006, 216, 39-51.	0.4	34
11	Fatty acid β -oxidation is required for the differentiation of larval hematopoietic progenitors in <i>Drosophila</i> . <i>ELife</i> , 2020, 9, .	2.8	30
12	ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. <i>Developmental Cell</i> , 2019, 49, 473-489.e9.	3.1	29
13	The convergence of Notch and MAPK signaling specifies the blood progenitor fate in the <i>Drosophila</i> mesoderm. <i>Developmental Biology</i> , 2011, 353, 105-118.	0.9	28
14	Role of FGFR signaling in the morphogenesis of the <i>Drosophila</i> visceral musculature. <i>Developmental Dynamics</i> , 2004, 231, 342-348.	0.8	24
15	Cell Adhesion-Mediated Actomyosin Assembly Regulates the Activity of <i>Cubitus Interruptus</i> for Hematopoietic Progenitor Maintenance in <i>Drosophila</i> . <i>Genetics</i> , 2019, 212, 1279-1300.	1.2	23
16	Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in <i>Drosophila</i> . <i>Science Advances</i> , 2022, 8, eabj4991.	4.7	12
17	Genetic Dissection of Hematopoiesis Using <i>Drosophila</i> as a Model System. <i>Advances in Developmental Biology (Amsterdam, Netherlands)</i> , 2007, , 259-299.	0.4	9
18	Lar maintains the homeostasis of the hematopoietic organ in <i>Drosophila</i> by regulating insulin signaling in the niche. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	9

#	ARTICLE	IF	CITATIONS
19	Relish plays a dynamic role in the niche to modulate <i>Drosophila</i> blood progenitor homeostasis in development and infection. <i>ELife</i> , 2021, 10, .	2.8	9
20	<i>Drosophila</i> metamorphosis involves hemocyte mediated macroendocytosis and efferocytosis. <i>International Journal of Developmental Biology</i> , 2020, 64, 319-329.	0.3	5
21	Ubx-Collier signaling cascade maintains blood progenitors in the posterior lobes of the <i>Drosophila</i> larval lymph gland. <i>PLoS Genetics</i> , 2021, 17, e1009709.	1.5	4
22	Detecting proliferation of adult hemocytes in <i>Drosophila</i> by BrdU incorporation and PH3 expression in response to bacterial infection. <i>Wellcome Open Research</i> , 2018, 3, 47.	0.9	4
23	Noncanonical Decapentaplegic Signaling Activates Matrix Metalloproteinase 1 To Restrict Hedgehog Activity and Limit Ectopic Eye Differentiation in <i>Drosophila</i> . <i>Genetics</i> , 2017, 207, 197-213.	1.2	3
24	The morphogen Decapentaplegic employs a two-tier mechanism to activate target retinal determining genes during ectopic eye formation in <i>Drosophila</i> . <i>Scientific Reports</i> , 2016, 6, 27270.	1.6	2
25	A Forward Genetic Approach to Mapping a <i>P</i> -Element Second Site Mutation Identifies <i>DCP2</i> as a Novel Tumor Suppressor in <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2601-2618.	0.8	0
26	Detecting proliferation of adult hemocytes in <i>Drosophila</i> by BrdU incorporation. <i>Wellcome Open Research</i> , 0, 3, 47.	0.9	0
27	Combination of Immunofluorescence and Quantitative Fluorescence In-situ Hybridization for Analysing Differential Gene Expression in the Niche Cells of the <i>Drosophila</i> Lymph Gland. <i>Bio-protocol</i> , 2022, 12, e4290.	0.2	0