

Sudip Mandal

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,306
citations

840119

11
h-index

713013

21
g-index

26
all docs

26
docs citations

26
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct mitochondrial retrograde signals control the G1-S cell cycle checkpoint. <i>Nature Genetics</i> , 2008, 40, 356-361.	9.4	338
2	Mitochondrial Function Controls Proliferation and Early Differentiation Potential of Embryonic Stem Cells. <i>Stem Cells</i> , 2011, 29, 486-495.	1.4	275
3	Mitochondrial Regulation of Cell Cycle Progression during Development as Revealed by the tenured Mutation in <i>Drosophila</i> . <i>Developmental Cell</i> , 2005, 9, 843-854.	3.1	254
4	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
5	Metabolic control of G1→S transition: cyclin E degradation by p53-induced activation of the ubiquitin-proteasome system. <i>Journal of Cell Biology</i> , 2010, 188, 473-479.	2.3	81
6	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
7	An Efficient Genetic Screen in <i>Drosophila</i> to Identify Nuclear-Encoded Genes With Mitochondrial Function. <i>Genetics</i> , 2006, 174, 525-533.	1.2	30
8	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
9	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
10	Cell Adhesion-Mediated Actomyosin Assembly Regulates the Activity of Cubitus Interruptus for Hematopoietic Progenitor Maintenance in <i>Drosophila</i> . <i>Genetics</i> , 2019, 212, 1279-1300.	1.2	23
11	Expression Profiling of Attenuated Mitochondrial Function Identifies Retrograde Signals in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 843-851.	0.8	21
12	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
13	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
14	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
15	Mitochondrial Control of Stem Cell State and Fate: Lessons From <i>Drosophila</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 606639.	1.8	7
16	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
17	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
18	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

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19	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
20	Optical probing of long-range spatial correlation and symmetry in complex biophotonic architectures on transparent insect wings. <i>Laser Physics Letters</i> , 2015, 12, 025901.	0.6	1
21	Detecting proliferation of adult hemocytes in <i>Drosophila</i> by BrdU incorporation. <i>Wellcome Open Research</i> , 0, 3, 47.	0.9	0