Iswar K Hariharan

List of Publications by Year
in descending order

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46 papers	6,880 citations	172457 29 h-index	223800 46 g-index
73 all docs	73 docs citations	73 times ranked	7274 citing authors

#	Article	IF	Citations
1	Ets21C sustains a pro-regenerative transcriptional program in blastema cells of Drosophila imaginal discs. Current Biology, 2022, 32, 3350-3364.e6.	3.9	17
2	Membrane potential regulates Hedgehog signalling in the Drosophila wing imaginal disc. EMBO Reports, 2021, 22, e51861.	4.5	13
3	Single-cell transcriptomics of the Drosophila wing disc reveals instructive epithelium-to-myoblast interactions. ELife, 2021, 10, .	6.0	39
4	Imaginal Disc Regeneration: Something Old, Something New. Cold Spring Harbor Perspectives in Biology, 2021, , a040733.	5.5	5
5	The Hippo pathway coactivator Yorkie can reprogram cell fates and create compartment-boundaryâ€“like interactions at clone margins. Science Advances, 2020, 6, .	10.3	5
6	Damage-responsive, maturity-silenced enhancers regulate multiple genes that direct regeneration in Drosophila. ELife, 2020, 9, .	6.0	41
7	Harnessing epithelial homeostatic mechanisms to fight cancer. Molecular Biology of the Cell, 2019, 30, 1641-1644.	2.1	1
8	CtBP impedes JNK- and Upd/STAT-driven cell fate misspecifications in regenerating Drosophila imaginal discs. ELife, 2018, 7, .	6.0	26
9	The BMP2/4 ortholog Dpp can function as an inter-organ signal that regulates developmental timing. Life Science Alliance, 2018, 1, e201800216.	2.8	35
10	Imaginal disc regeneration takes flight. Current Opinion in Cell Biology, 2017, 48, 10-16.	5.4	53
11	Ras Brakes for Hippo. Developmental Cell, 2017, 42, 561-562.	7.0	1
12	Localized epigenetic silencing of a damage-activated WNT enhancer limits regeneration in mature Drosophila imaginal discs. ELife, 2016, 5, .	6.0	108
13	Size regulation blossoms in Kobe. Development (Cambridge), 2016, 143, 2691-2695.	2.5	3
14	Plexins function in epithelial repair in both Drosophila and zebrafish. Nature Communications, 2016, 7, 12282.	12.8	40
15	Persistence of RNAi-Mediated Knockdown in Drosophila Complicates Mosaic Analysis Yet Enables Highly Sensitive Lineage Tracing. Genetics, 2016, 203, 109-118.	2.9	24
16	Indeterminate Growth: Could It Represent the Ancestral Condition?. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019174.	5.5	32
17	CoinFLP: a system for efficient mosaic screening and for visualizing clonal boundaries in Drosophila. Development (Cambridge), 2015, 142, 597-606.	2.5	73
18	Energy stress tames the Hippo pathway. Nature Cell Biology, 2015, 17, 362-363.	10.3	7

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19	Organ Size Control: Lessons from Drosophila. Developmental Cell, 2015, 34, 255-265.	7.0	124
20	The Drosophila F-box protein Fbxl7 binds to the protocadherin Fat and regulates Dachs localization and Hippo signaling. ELife, 2014, 3, e03383.	6.0	38
21	TIE-DYE: a combinatorial marking system to visualize and genetically manipulate clones during development in Drosophila melanogaster. Development (Cambridge), 2013, 140, 3275-3284.	2.5	71
22	Regeneration and Transdetermination in Drosophila Imaginal Discs. Annual Review of Genetics, 2012, 46, 289-310.	7.6	107
23	How Growth Abnormalities Delay â€œPubertyâ€•in Drosophila. Science Signaling, 2012, 5, pe27.	3.6	15
24	Differences in levels of the transmembrane protein Crumbs can influence cell survival at clonal boundaries. Developmental Biology, 2012, 368, 358-369.	2.0	61
25	Identification and Characterization of Genes Required for Compensatory Growth in Drosophila. Genetics, 2011, 189, 1309-1326.	2.9	21
26	Retinoids Regulate a Developmental Checkpoint for Tissue Regeneration in Drosophila. Current Biology, 2010, 20, 458-463.	3.9	162
27	The H3K27me3 Demethylase dUTX Is a Suppressor of Notch- and Rb-Dependent Tumors in Drosophila. Molecular and Cellular Biology, 2010, 30, 2485-2497.	2.3	106
28	A Buoyancy-Based Screen of Drosophila Larvae for Fat-Storage Mutants Reveals a Role for Sir2 in Coupling Fat Storage to Nutrient Availability. PLoS Genetics, 2010, 6, e1001206.	3.5	91
29	Regenerative Growth in Drosophila Imaginal Discs Is Regulated by Wingless and Myc. Developmental Cell, 2009, 16, 797-809.	7.0	253
30	Mutation of the Gene Encoding the Ubiquitin Activating Enzyme Uba1 Causes Tissue Overgrowth in Drosophila. Fly, 2007, 1, 95-105.	1.7	30
31	The Drosophila tumor suppressors Expanded and Merlin differentially regulate cell cycle exit, apoptosis, and Wingless signaling. Developmental Biology, 2007, 304, 102-115.	2.0	94
32	Capicua Regulates Cell Proliferation Downstream of the Receptor Tyrosine Kinase/Ras Signaling Pathway. Current Biology, 2007, 17, 728-733.	3.9	89
33	Regulation of Imaginal Disc Growth by Tumor-Suppressor Genes inDrosophila. Annual Review of Genetics, 2006, 40, 335-361.	7.6	225
34	Growth Regulation: A Beginning for the Hippo Pathway. Current Biology, 2006, 16, R1037-R1039.	3.9	31
35	Infrequent mutations of Archipelago (hAGO, hCDC4, Fbw7) in primary ovarian cancer. Gynecologic Oncology, 2005, 98, 124-128.	1.4	46
36	Mutations in the Drosophila Orthologs of the F-Actin Capping Protein Î±- and Î²-Subunits Cause Actin Accumulation and Subsequent Retinal Degeneration. Genetics, 2005, 171, 1757-1765.	2.9	44

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37	Ras and Rap: Are Former Enemies Now Friends?. Developmental Cell, 2005, 8, 303-304.	7.0	5
38	Mutations in erupted, the Drosophila Ortholog of Mammalian Tumor Susceptibility Gene 101, Elicit Non-Cell-Autonomous Overgrowth. Developmental Cell, 2005, 9, 699-710.	7.0	279
39	The Drosophila F Box Protein Archipelago Regulates dMyc Protein Levels In Vivo. Current Biology, 2004, 14, 965-974.	3.9	133
40	The Drosophila Mst Ortholog, hippo, Restricts Growth and Cell Proliferation and Promotes Apoptosis. Cell, 2003, 114, 457-467.	28.9	845
41	Yeast, Flies, Worms, and Fish in the Study of Human Disease. New England Journal of Medicine, 2003, 348, 2457-2463.	27.0	35
42	salvador Promotes Both Cell Cycle Exit and Apoptosis in Drosophila and Is Mutated in Human Cancer Cell Lines. Cell, 2002, 110, 467-478.	28.9	755
43	The Drosophila Tuberous Sclerosis Complex Gene Homologs Restrict Cell Growth and Cell Proliferation. Cell, 2001, 105, 345-355.	28.9	516
44	Archipelago regulates Cyclin E levels in Drosophila and is mutated in human cancer cell lines. Nature, 2001, 413, 311-316.	27.8	411
45	Comparative Genomics of the Eukaryotes. Science, 2000, 287, 2204-2215.	12.6	1,573
46	A Survey of Human Disease Gene Counterparts in the Drosophila Genome. Journal of Cell Biology, 2000, 150, F23-F30.	5.2	185