

Iswar K Hariharan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Comparative Genomics of the Eukaryotes. <i>Science</i> , 2000, 287, 2204-2215.	12.6	1,573
2	The <i>Drosophila</i> Mst Ortholog, hippo, Restricts Growth and Cell Proliferation and Promotes Apoptosis. <i>Cell</i> , 2003, 114, 457-467.	28.9	845
3	salvador Promotes Both Cell Cycle Exit and Apoptosis in <i>Drosophila</i> and Is Mutated in Human Cancer Cell Lines. <i>Cell</i> , 2002, 110, 467-478.	28.9	755
4	The <i>Drosophila</i> Tuberous Sclerosis Complex Gene Homologs Restrict Cell Growth and Cell Proliferation. <i>Cell</i> , 2001, 105, 345-355.	28.9	516
5	Archipelago regulates Cyclin E levels in <i>Drosophila</i> and is mutated in human cancer cell lines. <i>Nature</i> , 2001, 413, 311-316.	27.8	411
6	Mutations in erupted, the <i>Drosophila</i> Ortholog of Mammalian Tumor Susceptibility Gene 101, Elicit Non-Cell-Autonomous Overgrowth. <i>Developmental Cell</i> , 2005, 9, 699-710.	7.0	279
7	Regenerative Growth in <i>Drosophila</i> Imaginal Discs Is Regulated by Wingless and Myc. <i>Developmental Cell</i> , 2009, 16, 797-809.	7.0	253
8	Regulation of Imaginal Disc Growth by Tumor-Suppressor Genes in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2006, 40, 335-361.	7.6	225
9	A Survey of Human Disease Gene Counterparts in the <i>Drosophila</i> Genome. <i>Journal of Cell Biology</i> , 2000, 150, F23-F30.	5.2	185
10	Retinoids Regulate a Developmental Checkpoint for Tissue Regeneration in <i>Drosophila</i> . <i>Current Biology</i> , 2010, 20, 458-463.	3.9	162
11	The <i>Drosophila</i> F Box Protein Archipelago Regulates dMyc Protein Levels In Vivo. <i>Current Biology</i> , 2004, 14, 965-974.	3.9	133
12	Organ Size Control: Lessons from <i>Drosophila</i> . <i>Developmental Cell</i> , 2015, 34, 255-265.	7.0	124
13	Localized epigenetic silencing of a damage-activated WNT enhancer limits regeneration in mature <i>Drosophila</i> imaginal discs. <i>ELife</i> , 2016, 5, .	6.0	108
14	Regeneration and Transdetermination in <i>Drosophila</i> Imaginal Discs. <i>Annual Review of Genetics</i> , 2012, 46, 289-310.	7.6	107
15	The H3K27me3 Demethylase dUTX Is a Suppressor of Notch- and Rb-Dependent Tumors in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2010, 30, 2485-2497.	2.3	106
16	The <i>Drosophila</i> tumor suppressors Expanded and Merlin differentially regulate cell cycle exit, apoptosis, and Wingless signaling. <i>Developmental Biology</i> , 2007, 304, 102-115.	2.0	94
17	A Buoyancy-Based Screen of <i>Drosophila</i> Larvae for Fat-Storage Mutants Reveals a Role for Sir2 in Coupling Fat Storage to Nutrient Availability. <i>PLoS Genetics</i> , 2010, 6, e1001206.	3.5	91
18	Capicua Regulates Cell Proliferation Downstream of the Receptor Tyrosine Kinase/Ras Signaling Pathway. <i>Current Biology</i> , 2007, 17, 728-733.	3.9	89

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19	CoinFLP: a system for efficient mosaic screening and for visualizing clonal boundaries in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2015, 142, 597-606.	2.5	73
20	TIE-DYE: a combinatorial marking system to visualize and genetically manipulate clones during development in <i>Drosophila melanogaster</i> . <i>Development (Cambridge)</i> , 2013, 140, 3275-3284.	2.5	71
21	Differences in levels of the transmembrane protein Crumbs can influence cell survival at clonal boundaries. <i>Developmental Biology</i> , 2012, 368, 358-369.	2.0	61
22	Imaginal disc regeneration takes flight. <i>Current Opinion in Cell Biology</i> , 2017, 48, 10-16.	5.4	53
23	Infrequent mutations of Archipelago (hAGO, hCDC4, Fbw7) in primary ovarian cancer. <i>Gynecologic Oncology</i> , 2005, 98, 124-128.	1.4	46
24	Mutations in the <i>Drosophila</i> Orthologs of the F-Actin Capping Protein $\hat{1}$ - and $\hat{2}$ -Subunits Cause Actin Accumulation and Subsequent Retinal Degeneration. <i>Genetics</i> , 2005, 171, 1757-1765.	2.9	44
25	Damage-responsive, maturity-silenced enhancers regulate multiple genes that direct regeneration in <i>Drosophila</i> . <i>ELife</i> , 2020, 9, .	6.0	41
26	Plexins function in epithelial repair in both <i>Drosophila</i> and zebrafish. <i>Nature Communications</i> , 2016, 7, 12282.	12.8	40
27	Single-cell transcriptomics of the <i>Drosophila</i> wing disc reveals instructive epithelium-to-myoblast interactions. <i>ELife</i> , 2021, 10, .	6.0	39
28	The <i>Drosophila</i> F-box protein Fbx17 binds to the protocadherin Fat and regulates Dachs localization and Hippo signaling. <i>ELife</i> , 2014, 3, e03383.	6.0	38
29	Yeast, Flies, Worms, and Fish in the Study of Human Disease. <i>New England Journal of Medicine</i> , 2003, 348, 2457-2463.	27.0	35
30	The BMP2/4 ortholog Dpp can function as an inter-organ signal that regulates developmental timing. <i>Life Science Alliance</i> , 2018, 1, e201800216.	2.8	35
31	Indeterminate Growth: Could It Represent the Ancestral Condition?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019174.	5.5	32
32	Growth Regulation: A Beginning for the Hippo Pathway. <i>Current Biology</i> , 2006, 16, R1037-R1039.	3.9	31
33	Mutation of the Gene Encoding the Ubiquitin Activating Enzyme Uba1 Causes Tissue Overgrowth in <i>Drosophila</i> . <i>Fly</i> , 2007, 1, 95-105.	1.7	30
34	CtBP impedes JNK- and Upd/STAT-driven cell fate misspecifications in regenerating <i>Drosophila</i> imaginal discs. <i>ELife</i> , 2018, 7, .	6.0	26
35	Persistence of RNAi-Mediated Knockdown in <i>Drosophila</i> Complicates Mosaic Analysis Yet Enables Highly Sensitive Lineage Tracing. <i>Genetics</i> , 2016, 203, 109-118.	2.9	24
36	Identification and Characterization of Genes Required for Compensatory Growth in <i>Drosophila</i> . <i>Genetics</i> , 2011, 189, 1309-1326.	2.9	21

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37	Ets21C sustains a pro-regenerative transcriptional program in blastema cells of <i>Drosophila</i> imaginal discs. <i>Current Biology</i> , 2022, 32, 3350-3364.e6.	3.9	17
38	How Growth Abnormalities Delay "Puberty" in <i>Drosophila</i> . <i>Science Signaling</i> , 2012, 5, pe27.	3.6	15
39	Membrane potential regulates Hedgehog signalling in the <i>Drosophila</i> wing imaginal disc. <i>EMBO Reports</i> , 2021, 22, e51861.	4.5	13
40	Energy stress tames the Hippo pathway. <i>Nature Cell Biology</i> , 2015, 17, 362-363.	10.3	7
41	Ras and Rap: Are Former Enemies Now Friends?. <i>Developmental Cell</i> , 2005, 8, 303-304.	7.0	5
42	The Hippo pathway coactivator Yorkie can reprogram cell fates and create compartment-boundary-like interactions at clone margins. <i>Science Advances</i> , 2020, 6, .	10.3	5
43	Imaginal Disc Regeneration: Something Old, Something New. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, , a040733.	5.5	5
44	Size regulation blossoms in Kobe. <i>Development (Cambridge)</i> , 2016, 143, 2691-2695.	2.5	3
45	Ras Brakes for Hippo. <i>Developmental Cell</i> , 2017, 42, 561-562.	7.0	1
46	Harnessing epithelial homeostatic mechanisms to fight cancer. <i>Molecular Biology of the Cell</i> , 2019, 30, 1641-1644.	2.1	1