

# Laura A Johnston

## List of Publications by Year in descending order

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32  
papers

4,488  
citations

257450

24  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3736  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination of Growth and Cell Division in the Drosophila Wing. <i>Cell</i> , 1998, 93, 1183-1193.	28.9	732
2	Drosophila myc Regulates Cellular Growth during Development. <i>Cell</i> , 1999, 98, 779-790.	28.9	598
3	Drosophila Myc Regulates Organ Size by Inducing Cell Competition. <i>Cell</i> , 2004, 117, 107-116.	28.9	550
4	Temporal Regulation of Metamorphic Processes in Drosophila by the let-7 and miR-125 Heterochronic MicroRNAs. <i>Current Biology</i> , 2008, 18, 943-950.	3.9	284
5	Wingless and Notch regulate cell-cycle arrest in the developing Drosophila wing. <i>Nature</i> , 1998, 394, 82-84.	27.8	265
6	Evidence for a Growth-Stabilizing Regulatory Feedback Mechanism between Myc and Yorkie, the Drosophila Homolog of Yap. <i>Developmental Cell</i> , 2010, 19, 507-520.	7.0	261
7	Competitive Interactions Between Cells: Death, Growth, and Geography. <i>Science</i> , 2009, 324, 1679-1682.	12.6	188
8	An ancient defense system eliminates unfit cells from developing tissues during cell competition. <i>Science</i> , 2014, 346, 1258-1266.	12.6	186
9	Compensatory Proliferation in Drosophila Imaginal Discs Requires Dronc-Dependent p53 Activity. <i>Current Biology</i> , 2006, 16, 1606-1615.	3.9	176
10	Control of growth and organ size in Drosophila. <i>BioEssays</i> , 2002, 24, 54-64.	2.5	171
11	Wingless promotes cell survival but constrains growth during Drosophila wing development. <i>Nature Cell Biology</i> , 2003, 5, 827-833.	10.3	117
12	Supercompetitor Status of Drosophila Myc Cells Requires p53 as a Fitness Sensor to Reprogram Metabolism and Promote Viability. <i>Cell Metabolism</i> , 2014, 19, 470-483.	16.2	115
13	Activated STAT regulates growth and induces competitive interactions independently of Myc, Yorkie, Wingless and ribosome biogenesis. <i>Development (Cambridge)</i> , 2012, 139, 4051-4061.	2.5	112
14	Soluble factors mediate competitive and cooperative interactions between cells expressing different levels of Drosophila Myc. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18543-18548.	7.1	97
15	Mechanisms of Growth and Homeostasis in the Drosophila Wing. <i>Annual Review of Cell and Developmental Biology</i> , 2009, 25, 197-220.	9.4	82
16	Socializing with MYC: Cell Competition in Development and as a Model for Premalignant Cancer. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a014274-a014274.	6.2	71
17	Spatially Restricted Regulation of Spätzle/Toll Signaling during Cell Competition. <i>Developmental Cell</i> , 2018, 46, 706-719.e5.	7.0	67
18	Repression of dMyc expression by Wingless promotes Rbf-induced G1 arrest in the presumptive Drosophila wing margin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3857-3862.	7.1	63

#	ARTICLE	IF	CITATIONS
19	New frontiers in cell competition. <i>Developmental Dynamics</i> , 2012, 241, 831-841.	1.8	63
20	Mosaic Analysis in <i>Drosophila</i> . <i>Genetics</i> , 2018, 208, 473-490.	2.9	58
21	Maintenance of imaginal disc plasticity and regenerative potential in <i>Drosophila</i> by p53. <i>Developmental Biology</i> , 2012, 361, 263-276.	2.0	50
22	Myc in model organisms: A view from the flyroom. <i>Seminars in Cancer Biology</i> , 2006, 16, 303-312.	9.6	39
23	Control of Wing Size and Proportions by <i>Drosophila</i> Myc. <i>Genetics</i> , 2010, 184, 199-211.	2.9	34
24	An interspecific linkage map of mouse chromosome 15 positioned with respect to the centromere. <i>Genomics</i> , 1992, 13, 1075-1081.	2.9	33
25	The proximate determinants of insect size. <i>Journal of Biology</i> , 2006, 5, 15.	2.7	20
26	Cell cycle: The trouble with tribbles. <i>Current Biology</i> , 2000, 10, R502-R504.	3.9	16
27	The Homeobox Gene <i>cut</i> Interacts Genetically With the Homeotic Genes <i>proboscipedia</i> and <i>Antennapedia</i> . <i>Genetics</i> , 1998, 149, 131-142.	2.9	15
28	Uncoupling growth from the cell cycle. <i>BioEssays</i> , 1998, 20, 283-286.	2.5	10
29	Regeneration and Transdetermination: New Tricks from Old Cells. <i>Cell</i> , 2005, 120, 288-290.	28.9	6
30	Widely Used Mutants of <i>eiger</i> , Encoding the <i>Drosophila</i> Tumor Necrosis Factor, Carry Additional Mutations in the NimrodC1 Phagocytosis Receptor. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4707-4712.	1.8	6
31	Studies of Myc super-competition and clonal growth in males and females.. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	1
32	Competition Among Stem Cells Gets Sticky. <i>Cell Stem Cell</i> , 2009, 5, 459-460.	11.1	0