Donald T Fox

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2603250/publications.pdf

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34 papers	2,182 citations	361413 20 h-index	395702 33 g-index
46 all docs	46 docs citations	46 times ranked	2575 citing authors

#	Article	IF	Citations
1	Endoreplication and polyploidy: insights into development and disease. Development (Cambridge), 2013, 140, 3-12.	2.5	289
2	Drosophila Stem Cell Niches: A Decade of Discovery Suggests a Unified View of Stem Cell Regulation. Developmental Cell, 2011, 21, 159-171.	7.0	277
3	The expanding implications of polyploidy. Journal of Cell Biology, 2015, 209, 485-491.	5.2	177
4	Polyploidization and Cell Fusion Contribute to Wound Healing in the Adult Drosophila Epithelium. Current Biology, 2013, 23, 2224-2232.	3.9	174
5	Polyploidy: A Biological Force From Cells to Ecosystems. Trends in Cell Biology, 2020, 30, 688-694.	7.9	136
6	Drosophila p120catenin plays a supporting role in cell adhesion but is not an essential adherens junction component. Journal of Cell Biology, 2003, 160, 433-449.	5.2	126
7	Abelson kinase (Abl) and RhoGEF2 regulate actin organization during cell constriction in Drosophila. Development (Cambridge), 2007, 134, 567-578.	2.5	126
8	Balancing different types of actin polymerization at distinct sites. Journal of Cell Biology, 2003, 163, 1267-1279.	5.2	104
9	The Drosophila Hindgut Lacks Constitutively Active Adult Stem Cells but Proliferates in Response to Tissue Damage. Cell Stem Cell, 2009, 5, 290-297.	11.1	96
10	Error-prone polyploid mitosis during normal Drosophila development. Genes and Development, 2010, 24, 2294-2302.	5.9	91
11	Indispensable pre-mitotic endocycles promote aneuploidy in the Drosophila rectum. Development (Cambridge), 2014, 141, 3551-3560.	2.5	66
12	Fizzy-Related dictates A cell cycle switch during organ repair and tissue growth responses in the Drosophila hindgut. ELife, 2018, 7, .	6.0	53
13	Stem Cells and Their Niches: Integrated Units That Maintain Drosophila Tissues. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 49-57.	1.1	50
14	Rho1 regulates Drosophila adherens junctions independently of p120ctn. Development (Cambridge), 2005, 132, 4819-4831.	2.5	48
15	Physiology, Development, and Disease Modeling in the Drosophila Excretory System. Genetics, 2020, 214, 235-264.	2.9	40
16	Proliferation of Double-Strand Break-Resistant Polyploid Cells Requires Drosophila FANCD2. Developmental Cell, 2016, 37, 444-457.	7.0	39
17	Polyteny: still a giant player in chromosome research. Chromosome Research, 2017, 25, 201-214.	2.2	31
18	Model systems for regeneration: Drosophila. Development (Cambridge), 2020, 147, .	2.5	29

#	Article	IF	Citations
19	Distinct responses to reduplicated chromosomes require distinct Mad2 responses. ELife, 2016, 5, .	6.0	27
20	Using Bcr-Abl to Examine Mechanisms by Which Abl Kinase Regulates Morphogenesis inDrosophila. Molecular Biology of the Cell, 2008, 19, 378-393.	2.1	25
21	Communal living: the role of polyploidy and syncytia in tissue biology. Chromosome Research, 2021, 29, 245-260.	2.2	24
22	Inter-organ regulation of Drosophila intestinal stem cell proliferation by a hybrid organ boundary zone. Development (Cambridge), 2017, 144, 4091-4102.	2.5	18
23	DNA Damage Responses during the Cell Cycle: Insights from Model Organisms and Beyond. Genes, 2021, 12, 1882.	2.4	18
24	Persistent DNA damage signaling and DNA polymerase theta promote broken chromosome segregation. Journal of Cell Biology, 2021, 220, .	5.2	16
25	Polyploidy and Mitotic Cell Death Are Two Distinct HIV-1 Vpr-Driven Outcomes in Renal Tubule Epithelial Cells. Journal of Virology, 2018, 92, .	3.4	15
26	Interphase cohesin regulation ensures mitotic fidelity after genome reduplication. Molecular Biology of the Cell, 2019, 30, 219-227.	2.1	15
27	Toxicological Study and Genetic Basis of BTEX Susceptibility in Drosophila melanogaster. Frontiers in Genetics, 2020, 11, 594179.	2.3	12
28	Distinct responses to rare codons in select Drosophila tissues. ELife, 2022, 11, .	6.0	11
29	Accelerated cell cycles enable organ regeneration under developmental time constraints in the Drosophila hindgut. Developmental Cell, 2021, 56, 2059-2072.e3.	7.0	10
30	Cytoplasmic sharing through apical membrane remodeling. ELife, 2020, 9, .	6.0	10
31	Cell Adhesion: Separation of p120's Powers?. Current Biology, 2007, 17, R24-R27.	3.9	8
32	Exploiting codon usage identifies intensity-specific modifiers of Ras/MAPK signaling in vivo. PLoS Genetics, 2020, 16, e1009228.	3.5	7
33	Lineage analysis of stem cells. Stembook, 2009, , .	0.3	7
34	Conserved function of Drosophila Fancd2 monoubiquitination in response to double-strand DNA breaks. G3: Genes, Genomes, Genetics, 0, , .	1.8	0