

Todd G Nystul

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,218
citations

623734

14
h-index

713466

21
g-index

49
all docs

49
docs citations

49
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. <i>Science</i> , 2022, 375, eabk2432.	12.6	295
2	An Epithelial Niche in the <i>Drosophila</i> Ovary Undergoes Long-Range Stem Cell Replacement. <i>Cell Stem Cell</i> , 2007, 1, 277-285.	11.1	166
3	Cell fate decisions: emerging roles for metabolic signals and cell morphology. <i>EMBO Reports</i> , 2017, 18, 2105-2118.	4.5	91
4	A single-cell atlas and lineage analysis of the adult <i>Drosophila</i> ovary. <i>Nature Communications</i> , 2020, 11, 5628.	12.8	89
5	Regulation of Epithelial Stem Cell Replacement and Follicle Formation in the <i>Drosophila</i> Ovary. <i>Genetics</i> , 2010, 184, 503-515.	2.9	88
6	A dynamic population of stromal cells contributes to the follicle stem cell niche in the <i>Drosophila</i> ovary. <i>Development (Cambridge)</i> , 2013, 140, 4490-4498.	2.5	79
7	Increased intracellular pH is necessary for adult epithelial and embryonic stem cell differentiation. <i>Journal of Cell Biology</i> , 2016, 215, 345-355.	5.2	70
8	EGFR signaling promotes self-renewal through the establishment of cell polarity in <i>Drosophila</i> follicle stem cells. <i>ELife</i> , 2014, 3, .	6.0	51
9	<i>Drosophila</i> models of epithelial stem cells and their niches. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012, 1, 447-457.	5.9	42
10	The follicle epithelium in the <i>Drosophila</i> ovary is maintained by a small number of stem cells. <i>ELife</i> , 2019, 8, .	6.0	36
11	Basolateral Junction Proteins Regulate Competition for the Follicle Stem Cell Niche in the <i>Drosophila</i> Ovary. <i>PLoS ONE</i> , 2014, 9, e101085.	2.5	34
12	Wingless promotes EGFR signaling in follicle stem cells to maintain self-renewal. <i>Development (Cambridge)</i> , 2018, 145, dev168716.	2.5	26
13	Groucho and Six4 promote Notch-mediated differentiation of follicle stem cells in the absence of EGFR signaling. <i>Development (Cambridge)</i> , 2016, 143, 4631-4642.	2.5	22
14	Signal transduction in the early <i>Drosophila</i> follicle stem cell lineage. <i>Current Opinion in Insect Science</i> , 2020, 37, 39-48.	4.4	19
15	A Pak-regulated cell intercalation event leading to a novel radial cell polarity is involved in positioning of the follicle stem cell niche in the <i>Drosophila</i> ovary. <i>Development (Cambridge)</i> , 2015, 142, 82-91.	2.5	16
16	Neutral Competition for <i>Drosophila</i> Follicle and Cyst Stem Cell Niches Requires Vesicle Trafficking Genes. <i>Genetics</i> , 2017, 206, 1417-1428.	2.9	14
17	Enhancer-Trap Flippase Lines for Clonal Analysis in the <i>Drosophila</i> Ovary. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1693-1699.	1.8	11
18	<i>Drosophila</i> anion exchanger 2 is required for proper ovary development and oogenesis. <i>Developmental Biology</i> , 2019, 452, 127-133.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Cbp1, a fungal virulence factor under positive selection, forms an effector complex that drives macrophage lysis. PLoS Pathogens, 2022, 18, e1010417.	4.7	4
20	Distinct roles of Bendless in regulating FSC niche competition and daughter cell differentiation. Development (Cambridge), 2021, 148, .	2.5	2
21	Methods for Imaging Intracellular pH of the Follicle Stem Cell Lineage in Live <i>Drosophila</i> Ovarian Tissue. Journal of Visualized Experiments, 2017, , .	0.3	1