

# D Leanne Jones

## List of Publications by Year in descending order

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48  
papers

5,024  
citations

185998

28  
h-index

223531

46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

5446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Orientation of Asymmetric Stem Cell Division by the APC Tumor Suppressor and Centrosome. <i>Science</i> , 2003, 301, 1547-1550.	6.0	684
2	No place like home: anatomy and function of the stem cell niche. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 11-21.	16.1	659
3	Stem Cell Self-Renewal Specified by JAK-STAT Activation in Response to a Support Cell Cue. <i>Science</i> , 2001, 294, 2542-2545.	6.0	651
4	Modulation of Longevity and Tissue Homeostasis by the <i>Drosophila</i> PGC-1 Homolog. <i>Cell Metabolism</i> , 2011, 14, 623-634.	7.2	369
5	Stem Cells and the Niche: A Dynamic Duo. <i>Cell Stem Cell</i> , 2010, 6, 103-115.	5.2	349
6	Decline in Self-Renewal Factors Contributes to Aging of the Stem Cell Niche in the <i>Drosophila</i> Testis. <i>Cell Stem Cell</i> , 2007, 1, 470-478.	5.2	247
7	Emerging models and paradigms for stem cell ageing. <i>Nature Cell Biology</i> , 2011, 13, 506-512.	4.6	240
8	A Misexpression Screen Reveals Effects of bag-of-marbles and TGF $\beta$ Class Signaling on the <i>Drosophila</i> Male Germ-Line Stem Cell Lineage. <i>Genetics</i> , 2004, 167, 707-723.	1.2	164
9	The let-7 $\mu$ Imp axis regulates ageing of the <i>Drosophila</i> testis stem-cell niche. <i>Nature</i> , 2012, 485, 605-610.	13.7	158
10	Multipotent somatic stem cells contribute to the stem cell niche in the <i>Drosophila</i> testis. <i>Nature</i> , 2008, 454, 1132-1136.	13.7	143
11	Enhanced CLIP Uncovers IMP Protein-RNA Targets in Human Pluripotent Stem Cells Important for Cell Adhesion and Survival. <i>Cell Reports</i> , 2016, 15, 666-679.	2.9	118
12	<i>Escargot</i> maintains stemness and suppresses differentiation in <i>Drosophila</i> intestinal stem cells. <i>EMBO Journal</i> , 2014, 33, 2967-2982.	3.5	113
13	Signaling from germ cells mediated by the rhomboid homolog <i>stet</i> organizes encapsulation by somatic support cells. <i>Development (Cambridge)</i> , 2002, 129, 4523-34.	1.2	100
14	Tricellular junctions regulate intestinal stem cell behaviour to maintain homeostasis. <i>Nature Cell Biology</i> , 2017, 19, 52-59.	4.6	90
15	Regulation of <i>Drosophila</i> intestinal stem cell maintenance and differentiation by the transcription factor <i>Escargot</i> . <i>EMBO Journal</i> , 2014, 33, 2983-2996.	3.5	74
16	Investigating spermatogenesis in <i>Drosophila melanogaster</i> . <i>Methods</i> , 2014, 68, 218-227.	1.9	70
17	Lipid Mediated Regulation of Adult Stem Cell Behavior. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 115.	1.8	66
18	Mitochondrial fusion regulates lipid homeostasis and stem cell maintenance in the <i>Drosophila</i> testis. <i>Nature Cell Biology</i> , 2019, 21, 710-720.	4.6	58

#	ARTICLE	IF	CITATIONS
19	Intestinal Snakeskin Limits Microbial Dysbiosis during Aging and Promotes Longevity. <i>IScience</i> , 2018, 9, 229-243.	1.9	55
20	DNA Methylation Analysis Validates Organoids as a Viable Model for Studying Human Intestinal Aging. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 527-541.	2.3	53
21	Escargot Restricts Niche Cell to Stem Cell Conversion in the <i>Drosophila</i> Testis. <i>Cell Reports</i> , 2014, 7, 722-734.	2.9	51
22	Human Papillomavirus Carcinogenesis: an Identity Crisis in the Retinoblastoma Tumor Suppressor Pathway. <i>Journal of Virology</i> , 2015, 89, 4708-4711.	1.5	44
23	Dietary restriction enhances germline stem cell maintenance. <i>Aging Cell</i> , 2010, 9, 916-918.	3.0	43
24	Pink1 and Parkin regulate <i>Drosophila</i> intestinal stem cell proliferation during stress and aging. <i>Journal of Cell Biology</i> , 2017, 216, 2315-2327.	2.3	41
25	Regulation of adult stem cell behavior by nutrient signaling. <i>Cell Cycle</i> , 2011, 10, 2628-2634.	1.3	36
26	Increased longevity mediated by yeast NDI1 expression in <i>Drosophila</i> intestinal stem and progenitor cells. <i>Aging</i> , 2013, 5, 662-681.	1.4	36
27	Dual fluorescence detection of protein and RNA in <i>Drosophila</i> tissues. <i>Nature Protocols</i> , 2012, 7, 1808-1817.	5.5	34
28	The effects of aging on stem cell behavior in <i>Drosophila</i> . <i>Experimental Gerontology</i> , 2011, 46, 340-344.	1.2	32
29	Aging and the Germ Line: Where Mortality and Immortality Meet. <i>Stem Cell Reviews and Reports</i> , 2007, 3, 192-200.	5.6	27
30	EGFR Signaling Stimulates Autophagy to Regulate Stem Cell Maintenance and Lipid Homeostasis in the <i>Drosophila</i> Testis. <i>Cell Reports</i> , 2020, 30, 1101-1116.e5.	2.9	27
31	Mitochondrial fission regulates germ cell differentiation by suppressing ROS-mediated activation of Epidermal Growth Factor Signaling in the <i>Drosophila</i> larval testis. <i>Scientific Reports</i> , 2019, 9, 19695.	1.6	26
32	Headcase Promotes Cell Survival and Niche Maintenance in the <i>Drosophila</i> Testis. <i>PLoS ONE</i> , 2013, 8, e68026.	1.1	25
33	Local signaling within stem cell niches: insights from <i>Drosophila</i> . <i>Current Opinion in Cell Biology</i> , 2012, 24, 225-231.	2.6	24
34	Persistent Replicative Stress Alters Polycomb Phenotypes and Tissue Homeostasis in <i>Drosophila melanogaster</i> . <i>Cell Reports</i> , 2014, 7, 859-870.	2.9	21
35	Intestinal stem cell ablation reveals differential requirements for survival in response to chemical challenge. <i>Developmental Biology</i> , 2017, 424, 10-17.	0.9	18
36	Keeping it tight: The relationship between bacterial dysbiosis, septate junctions, and the intestinal barrier in <i>Drosophila</i> . <i>Fly</i> , 2018, 12, 34-40.	0.9	14

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37	Efficiency of Spermatogonial Dedifferentiation during Aging. PLoS ONE, 2012, 7, e33635.	1.1	13
38	Topical Inhibition of the Electron Transport Chain Can Stimulate the Hair Cycle. Journal of Investigative Dermatology, 2018, 138, 968-972.	0.3	11
39	The impact of ageing on lipid-mediated regulation of adult stem cell behavior and tissue homeostasis. Mechanisms of Ageing and Development, 2020, 189, 111278.	2.2	8
40	Neuroglial regulates Drosophila intestinal stem cell proliferation through enhanced signaling via the epidermal growth factor receptor. Stem Cell Reports, 2021, 16, 1584-1597.	2.3	7
41	Escargot controls somatic stem cell maintenance through the attenuation of the insulin receptor pathway in Drosophila. Cell Reports, 2022, 39, 110679.	2.9	6
42	Heterochromatin Protein 1 (HP1) inhibits stem cell proliferation induced by ectopic activation of the Jak/STAT pathway in the Drosophila testis. Experimental Cell Research, 2019, 377, 1-9.	1.2	5
43	EGFR signaling promotes basal autophagy for lipid homeostasis and somatic stem cell maintenance in the <i>Drosophila</i> testis. Autophagy, 2020, 16, 1145-1147.	4.3	5
44	Simultaneous control of stemness and differentiation by the transcription factor Escargot in adult stem cells: How can we tease them apart?. Fly, 2016, 10, 53-59.	0.9	4
45	Redox signaling as a modulator of germline stem cell behavior: Implications for regenerative medicine. Free Radical Biology and Medicine, 2021, 166, 67-72.	1.3	3
46	Walk the (Germ) Line. Cell Metabolism, 2009, 10, 78-79.	7.2	1
47	Stem cells and pluripotency: emerging themes and tools. Molecular Biology of the Cell, 2012, 23, 977-977.	0.9	0
48	Age-Related Changes to Drosophila m. Male Germline Stem Cells. , 2015, , 71-84.		0