

# Melissa E Pepling

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

2,187  
citations

17  
h-index

32  
g-index

32  
ext. papers

2,420  
ext. citations

5.3  
avg, IF

5.31  
L-index

#	Paper	IF	Citations
30	Mouse ovarian germ cell cysts undergo programmed breakdown to form primordial follicles. <i>Developmental Biology</i> , <b>2001</b> , 234, 339-51	3.1	523
29	From primordial germ cell to primordial follicle: mammalian female germ cell development. <i>Genesis</i> , <b>2006</b> , 44, 622-32	1.9	256
28	Estradiol, progesterone, and genistein inhibit oocyte nest breakdown and primordial follicle assembly in the neonatal mouse ovary in vitro and in vivo. <i>Endocrinology</i> , <b>2007</b> , 148, 3580-90	4.8	212
27	Germline cysts: a conserved phase of germ cell development?. <i>Trends in Cell Biology</i> , <b>1999</b> , 9, 257-62	18.3	191
26	Follicular assembly: mechanisms of action. <i>Reproduction</i> , <b>2012</b> , 143, 139-49	3.8	170
25	Mouse oocytes within germ cell cysts and primordial follicles contain a Balbiani body. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 187-92	11.5	168
24	Neonatal genistein treatment alters ovarian differentiation in the mouse: inhibition of oocyte nest breakdown and increased oocyte survival. <i>Biology of Reproduction</i> , <b>2006</b> , 74, 161-8	3.9	155
23	Estrogen can signal through multiple pathways to regulate oocyte cyst breakdown and primordial follicle assembly in the neonatal mouse ovary. <i>Journal of Endocrinology</i> , <b>2009</b> , 202, 407-17	4.7	82
22	BAX regulates follicular endowment in mice. <i>Reproduction</i> , <b>2007</b> , 133, 865-76	3.8	73
21	Differences in oocyte development and estradiol sensitivity among mouse strains. <i>Reproduction</i> , <b>2010</b> , 139, 349-57	3.8	59
20	Effects of estrogenic compounds on neonatal oocyte development. <i>Reproductive Toxicology</i> , <b>2012</b> , 34, 51-6	3.4	56
19	Expression of Stat3 in germ cells of developing and adult mouse ovaries and testes. <i>Gene Expression Patterns</i> , <b>2005</b> , 5, 475-82	1.5	50
18	KIT signaling regulates primordial follicle formation in the neonatal mouse ovary. <i>Developmental Biology</i> , <b>2013</b> , 382, 186-97	3.1	43
17	The steroid hormone environment during primordial follicle formation in perinatal mouse ovaries. <i>Biology of Reproduction</i> , <b>2014</b> , 91, 68	3.9	32
16	Prenatal exposure to chromium induces early reproductive senescence by increasing germ cell apoptosis and advancing germ cell cyst breakdown in the F1 offspring. <i>Developmental Biology</i> , <b>2014</b> , 388, 22-34	3.1	29
15	Lats1 Deletion Causes Increased Germ Cell Apoptosis and Follicular Cysts in Mouse Ovaries. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 22	3.9	23
14	Role of the antiapoptotic proteins BCL2 and MCL1 in the neonatal mouse ovary. <i>Biology of Reproduction</i> , <b>2013</b> , 88, 46	3.9	17

13	Arrest at the diplotene stage of meiotic prophase I is delayed by progesterone but is not required for primordial follicle formation in mice. <i>Reproductive Biology and Endocrinology</i> , <b>2016</b> , 14, 82	5	16
12	DEVELOPMENT. Nursing the oocyte. <i>Science</i> , <b>2016</b> , 352, 35-6	33.3	8
11	A novel maternal mRNA storage compartment in mouse oocytes. <i>Biology of Reproduction</i> , <b>2010</b> , 82, 807-819	3.9	5
10	Regulation of Meiotic Prophase One in Mammalian Oocytes. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 667306	5.7	5
9	Hedgehog signaling in follicle development. <i>Biology of Reproduction</i> , <b>2012</b> , 86, 173	3.9	4
8	Germ Cell Nests and Germline Cysts <b>2018</b> , 159-166		3
7	Molecular analysis of the effects of steroid hormones on mouse meiotic prophase I progression. <i>Reproductive Biology and Endocrinology</i> , <b>2019</b> , 17, 105	5	3
6	Oocyte Development before and during Folliculogenesis <b>2013</b> , 1-19		2
5	Primordial Follicle Formation - Some Assembly Required. <i>Current Opinion in Endocrine and Metabolic Research</i> , <b>2021</b> , 18, 118-127	1.7	2
4	Fetal/Gonadogenesis <b>2018</b> , 47-51		
3	Follicle formation and oocyte death 38-49		
2	Estrogen Signaling Regulates Neonatal Oocyte Development by Multiple Mechanisms.. <i>Biology of Reproduction</i> , <b>2008</b> , 78, 97-97	3.9	
1	Oocyte Survival and Development during Follicle Formation and Folliculogenesis in Mice Lacking Aromatase. <i>Endocrine Research</i> , <b>2021</b> , 1-11	1.9	