

# Melissa E Pepling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4210155/publications.pdf>

Version: 2024-02-01

30  
papers

2,610  
citations

430843

18  
h-index

580810

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse Ovarian Germ Cell Cysts Undergo Programmed Breakdown to Form Primordial Follicles. <i>Developmental Biology</i> , 2001, 234, 339-351.	2.0	600
2	From primordial germ cell to primordial follicle: mammalian female germ cell development. <i>Genesis</i> , 2006, 44, 622-632.	1.6	313
3	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> , 2007, 148, 3580-3590.	2.8	231
4	Germline cysts: a conserved phase of germ cell development?. <i>Trends in Cell Biology</i> , 1999, 9, 257-262.	7.9	230
5	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> , 2007, 104, 187-192.	7.1	202
6	Follicular assembly: mechanisms of action. <i>Reproduction</i> , 2012, 143, 139-149.	2.6	200
7	Neonatal Genistein Treatment Alters Ovarian Differentiation in the Mouse: Inhibition of Oocyte Nest Breakdown and Increased Oocyte Survival <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 74, 161-168.	2.7	167
8	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> , 2009, 202, 407-417.	2.6	95
9	BAX regulates follicular endowment in mice. <i>Reproduction</i> , 2007, 133, 865-876.	2.6	82
10	Differences in oocyte development and estradiol sensitivity among mouse strains. <i>Reproduction</i> , 2010, 139, 349-357.	2.6	67
11	Effects of estrogenic compounds on neonatal oocyte development. <i>Reproductive Toxicology</i> , 2012, 34, 51-56.	2.9	64
12	KIT signaling regulates primordial follicle formation in the neonatal mouse ovary. <i>Developmental Biology</i> , 2013, 382, 186-197.	2.0	60
13	Expression of Stat3 in germ cells of developing and adult mouse ovaries and testes. <i>Gene Expression Patterns</i> , 2005, 5, 475-482.	0.8	51
14	The Steroid Hormone Environment During Primordial Follicle Formation in Perinatal Mouse Ovaries <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 91, 68.	2.7	44
15	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> , 2014, 388, 22-34.	2.0	43
16	Lats1 Deletion Causes Increased Germ Cell Apoptosis and Follicular Cysts in Mouse Ovaries <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 93, 22.	2.7	31
17	Role of the Antiapoptotic Proteins BCL2 and MCL1 in the Neonatal Mouse Ovary <sup>1</sup> . <i>Biology of Reproduction</i> , 2013, 88, 46.	2.7	25
18	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> , 2016, 14, 82.	3.3	19

#	ARTICLE	IF	CITATIONS
19	Primordial follicle formation â€œ Some assembly required. Current Opinion in Endocrine and Metabolic Research, 2021, 18, 118-127.	1.4	16
20	Nursing the oocyte. Science, 2016, 352, 35-36.	12.6	15
21	Regulation of Meiotic Prophase One in Mammalian Oocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 667306.	3.7	14
22	A Novel Maternal mRNA Storage Compartment in Mouse Oocytes. Biology of Reproduction, 2010, 82, 807-808.	2.7	9
23	Germ Cell Nests and Germline Cysts. , 2018, , 159-166.		8
24	Molecular analysis of the effects of steroid hormones on mouse meiotic prophase I progression. Reproductive Biology and Endocrinology, 2019, 17, 105.	3.3	7
25	Hedgehog Signaling in Follicle Development1. Biology of Reproduction, 2012, 86, 173.	2.7	6
26	Regulation of mouse primordial follicle formation by signaling through the PI3K pathway. Biology of Reproduction, 2021, , .	2.7	6
27	Oocyte Survival and Development during Follicle Formation and Folliculogenesis in Mice Lacking Aromatase. Endocrine Research, 2022, 47, 45-55.	1.2	1
28	Follicle formation and oocyte death. , 0, , 38-49.		0
29	Fetal/Gonadogenesis. , 2018, , 47-51.		0
30	Estrogen Signaling Regulates Neonatal Oocyte Development by Multiple Mechanisms.. Biology of Reproduction, 2008, 78, 97-97.	2.7	0