

Karla J Hutt

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,327
citations

270111

25
h-index

252626

46
g-index

60
all docs

60
docs citations

60
times ranked

3099
citing authors

#	ARTICLE	IF	CITATIONS
1	Prolonged atrazine exposure beginning <i>in utero</i> and adult uterine morphology in mice. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 39-48.	0.7	5
2	Development of an embryo transfer model to study uterine contributions to pregnancy. <i>Reproduction and Fertility</i> , 2022, 3, 10-18.	0.6	1
3	Inhibin Inactivation in Female Mice Leads to Elevated FSH Levels, Ovarian Overstimulation, and Pregnancy Loss. <i>Endocrinology</i> , 2022, 163, .	1.4	5
4	Evaluation of inflammation and follicle depletion during ovarian ageing in mice. <i>Scientific Reports</i> , 2021, 11, 278.	1.6	84
5	DNA repair in primordial follicle oocytes following cisplatin treatment. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1405-1417.	1.2	9
6	Evaluation of mitochondria in mouse oocytes following cisplatin exposure. <i>Journal of Ovarian Research</i> , 2021, 14, 65.	1.3	8
7	Assessment of Ovarian Function in Phase III (Neo)Adjuvant Breast Cancer Clinical Trials: A Systematic Evaluation. <i>Journal of the National Cancer Institute</i> , 2021, , .	3.0	11
8	Evaluating the impacts of emerging cancer therapies on ovarian function. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2021, 18, 15-28.	0.6	6
9	HENMT1 is involved in the maintenance of normal female fertility in the mouse. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	2
10	Do cancer therapies damage the uterus and compromise fertility?. <i>Human Reproduction Update</i> , 2020, 26, 161-173.	5.2	48
11	Clinical summary guide: reproduction in women with previous abdominopelvic radiotherapy or total body irradiation. <i>Human Reproduction Open</i> , 2020, 2020, hoaa045.	2.3	14
12	Comparison of methods for quantifying primordial follicles in the mouse ovary. <i>Journal of Ovarian Research</i> , 2020, 13, 121.	1.3	21
13	Oocytes can efficiently repair DNA double-strand breaks to restore genetic integrity and protect offspring health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11513-11522.	3.3	72
14	The PARP inhibitor, olaparib, depletes the ovarian reserve in mice: implications for fertility preservation. <i>Human Reproduction</i> , 2020, 35, 1864-1874.	0.4	36
15	The Inflammasome Contributes to Depletion of the Ovarian Reserve During Aging in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 628473.	1.8	39
16	NMN does not protect the ovarian reserve from cancer treatments. <i>Reproduction</i> , 2020, 159, 105-113.	1.1	6
17	Moderate episodic prenatal alcohol does not impact female offspring fertility in rats. <i>Reproduction</i> , 2020, 159, 615-626.	1.1	4
18	Accurate Follicle Enumeration in Adult Mouse Ovaries. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	6

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19	Smchd1 is a maternal effect gene required for genomic imprinting. <i>ELife</i> , 2020, 9, .	2.8	24
20	Oocytes from stem cells. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2019, 55, 14-22.	1.4	12
21	Vincristine Chemotherapy Induces Atresia of Growing Ovarian Follicles in Mice. <i>Toxicological Sciences</i> , 2019, 169, 43-53.	1.4	17
22	Cisplatin- and cyclophosphamide-induced primordial follicle depletion is caused by direct damage to oocytes. <i>Molecular Human Reproduction</i> , 2019, 25, 433-444.	1.3	77
23	Do BRCA1 and BRCA2 gene mutation carriers have a reduced ovarian reserve? Protocol for a prospective observational study. <i>BMJ Open</i> , 2019, 9, e033810.	0.8	4
24	Evaluation of mitochondria in oocytes following $\hat{3}$ -irradiation. <i>Scientific Reports</i> , 2019, 9, 19941.	1.6	11
25	The importance of DNA repair for maintaining oocyte quality in response to anti-cancer treatments, environmental toxins and maternal ageing. <i>Human Reproduction Update</i> , 2018, 24, 119-134.	5.2	113
26	Dacarbazine depletes the ovarian reserve in mice and depletion is enhanced with age. <i>Scientific Reports</i> , 2018, 8, 6516.	1.6	16
27	Examination of the ovotoxicity of 5-fluorouracil in mice. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1053-1060.	1.2	15
28	Methylation of all BRCA1 copies predicts response to the PARP inhibitor rucaparib in ovarian carcinoma. <i>Nature Communications</i> , 2018, 9, 3970.	5.8	192
29	Loss of PUMA protects the ovarian reserve during DNA-damaging chemotherapy and preserves fertility. <i>Cell Death and Disease</i> , 2018, 9, 618.	2.7	89
30	Maternal low protein diet programmes low ovarian reserve in offspring. <i>Reproduction</i> , 2018, 156, 299-311.	1.1	20
31	The capacity of oocytes for DNA repair. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2777-2792.	2.4	65
32	Multidose 5-Fluorouracil is Highly Toxic to Growing Ovarian Follicles in Mice. <i>Toxicological Sciences</i> , 2018, 166, 97-107.	1.4	18
33	The ovarian reserve is depleted during puberty in a hormonally driven process dependent on the pro-apoptotic protein BMF. <i>Cell Death and Disease</i> , 2017, 8, e2971-e2971.	2.7	29
34	Taking control of the female fertile lifespan: a key role for Bcl-2 family proteins. <i>Reproduction, Fertility and Development</i> , 2016, 28, 864.	0.1	5
35	BCL2-modifying factor promotes germ cell loss during murine oogenesis. <i>Reproduction</i> , 2016, 151, 553-562.	1.1	13
36	How Is the Number of Primordial Follicles in the Ovarian Reserve Established?1. <i>Biology of Reproduction</i> , 2015, 93, 111.	1.2	141

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37	Ovarian reserve screening: a scientific and ethical analysis. <i>Human Reproduction</i> , 2015, 30, 1000-1002.	0.4	3
38	What is the "ovarian reserve"? <i>Fertility and Sterility</i> , 2015, 103, 628-630.	0.5	52
39	The role of BH3-only proteins in apoptosis within the ovary. <i>Reproduction</i> , 2015, 149, R81-R89.	1.1	59
40	Loss of the Proapoptotic BH3-Only Protein BCL-2 Modifying Factor Prolongs the Fertile Life Span in Female Mice ¹ . <i>Biology of Reproduction</i> , 2014, 90, 77.	1.2	33
41	PUMA regulates germ cell loss and primordial follicle endowment in mice. <i>Reproduction</i> , 2014, 148, 211-219.	1.1	49
42	Dual roles for Id4 in the regulation of estrogen signaling in the mammary gland and ovary. <i>Development (Cambridge)</i> , 2014, 141, 3159-3164.	1.2	30
43	Molecular correlates of platinum response in human high-grade serous ovarian cancer patient-derived xenografts. <i>Molecular Oncology</i> , 2014, 8, 656-668.	2.1	117
44	Damage Control in the Female Germline: Protecting Primordial Follicles. , 2013, , 39-47.		2
45	Paladin is an antiphosphatase that regulates neural crest cell formation and migration. <i>Developmental Biology</i> , 2012, 371, 180-190.	0.9	24
46	DNA Damage-Induced Primordial Follicle Oocyte Apoptosis and Loss of Fertility Require TAp63-Mediated Induction of Puma and Noxa. <i>Molecular Cell</i> , 2012, 48, 343-352.	4.5	214
47	Cisplatin-induced primordial follicle oocyte killing and loss of fertility are not prevented by imatinib. <i>Nature Medicine</i> , 2012, 18, 1170-1172.	15.2	81
48	Bim Mediates Germ Cell Death During Ovarian Development.. <i>Biology of Reproduction</i> , 2012, 87, 516-516.	1.2	0
49	The Environmental Toxicant 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Disturbs the Establishment and Maintenance of Cell Polarity in Preimplantation Rat Embryos ¹ . <i>Biology of Reproduction</i> , 2010, 82, 914-920.	1.2	8
50	Comparative analysis of the metaphase II spindle of human oocytes through polarized light and high-performance confocal microscopy. <i>Fertility and Sterility</i> , 2010, 93, 2056-2064.	0.5	56
51	The environmental toxicant 2,3,7,8-tetrachlorodibenzo-p-dioxin disrupts morphogenesis of the rat pre-implantation embryo. <i>BMC Developmental Biology</i> , 2008, 8, 1.	2.1	68
52	An oocentric view of folliculogenesis and embryogenesis. <i>Reproductive BioMedicine Online</i> , 2007, 14, 758-764.	1.1	124
53	Ferrichrome utilization in a mesorhizobial population: microevolution of a three-locus system. <i>Environmental Microbiology</i> , 2007, 9, 2923-2932.	1.8	8
54	Primordial follicle activation and follicular development in the juvenile rabbit ovary. <i>Cell and Tissue Research</i> , 2006, 326, 809-822.	1.5	37

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55	KIT/KIT Ligand in Mammalian Oogenesis and Folliculogenesis: Roles in Rabbit and Murine Ovarian Follicle Activation and Oocyte Growth1. <i>Biology of Reproduction</i> , 2006, 75, 421-433.	1.2	104
56	Clinical applications and limitations of current ovarian stem cell research: a review. <i>Journal of Experimental & Clinical Assisted Reproduction</i> , 2006, 3, 6.	0.4	19
57	89. The effect of kit ligand on follicle growth initiation in cultured rabbit and mouse ovaries. <i>Reproduction, Fertility and Development</i> , 2003, 15, 89.	0.1	0