

Christopher Grupen

List of Publications by Citations

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Version: 2024-04-23

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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.

21 papers	637 citations	12 h-index	22 g-index
22 ext. papers	720 ext. citations	2.1 avg, IF	4.08 L-index

#	Paper	IF	Citations
21	Removal of cytoplasmic lipid enhances the tolerance of porcine embryos to chilling. <i>Biology of Reproduction</i> , 1994 , 51, 618-22	3.9	171
20	The evolution of porcine embryo in vitro production. <i>Theriogenology</i> , 2014 , 81, 24-37	2.8	90
19	Relationship between follicle size and oocyte developmental competence in prepubertal and adult pigs. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 797-803	1.8	77
18	Relationship between donor animal age, follicular fluid steroid content and oocyte developmental competence in the pig. <i>Reproduction, Fertility and Development</i> , 2003 , 15, 81-7	1.8	51
17	Relationship between cumulus cell apoptosis, progesterone production and porcine oocyte developmental competence: temporal effects of follicular fluid during IVM. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 1100-9	1.8	47
16	Effects of milrinone and butyrolactone-I on porcine oocyte meiotic progression and developmental competence. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 309-17	1.8	39
15	Changes in ovarian, follicular, and oocyte morphology immediately after the onset of puberty are not accompanied by an increase in oocyte developmental competence in the pig. <i>Theriogenology</i> , 2004 , 62, 1003-11	2.8	31
14	Differences in the metabolomic signatures of porcine follicular fluid collected from environments associated with good and poor oocyte quality. <i>Reproduction</i> , 2013 , 146, 221-31	3.8	29
13	From Peptide Masses to Pregnancy Maintenance: A Comprehensive Proteomic Analysis of The Early Equine Embryo Secretome, Blastocoel Fluid, and Capsule. <i>Proteomics</i> , 2017 , 17, 1600433	4.8	20
12	Vitrification, not cryoprotectant exposure, alters the expression of developmentally important genes in in vitro produced porcine blastocysts. <i>Cryobiology</i> , 2018 , 80, 70-76	2.7	19
11	Seasonal effects on oocyte developmental competence in sows experiencing pregnancy loss. <i>Animal Reproduction Science</i> , 2011 , 124, 104-11	2.1	15
10	Reproductive physiology and ovarian folliculogenesis examined via 1H-NMR metabolomics signatures: a comparative study of large and small follicles in three mammalian species (<i>Bos taurus</i> , <i>Sus scrofa domesticus</i> and <i>Equus ferus caballus</i>). <i>OMICS A Journal of Integrative Biology</i> , 2015 , 19, 31-40	3.8	14
9	A comparison of different vitrification devices and the effect of blastocoele collapse on the cryosurvival of in vitro produced porcine embryos. <i>Journal of Reproduction and Development</i> , 2015 , 61, 525-31	2.1	10
8	Cryotolerance of porcine blastocysts is improved by treating in vitro matured oocytes with L-carnitine prior to fertilization. <i>Journal of Reproduction and Development</i> , 2017 , 63, 263-270	2.1	7
7	Effect of carbohydrates on lipid metabolism during porcine oocyte IVM. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 557-569	1.8	6
6	Anti-Müllerian hormone and Oestradiol as markers of future reproductive success in juvenile gilts. <i>Animal Reproduction Science</i> , 2018 , 195, 197-206	2.1	6
5	Supplementing media with NAD precursors enhances the in vitro maturation of porcine oocytes. <i>Journal of Reproduction and Development</i> , 2021 , 67, 319-326	2.1	2

4	Serum Concentrations of AMH and E2 and Ovarian and Uterine Traits in Gilts. <i>Animals</i> , 2019 , 9,	3.1	1
3	Nicotinic acid supplementation at a supraphysiological dose increases the bioavailability of NAD precursors in mares. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021 , 105, 1154-1164	2.6	1
2	Supplemental Nicotinic Acid Elevates NAD ⁺ Precursors in the Follicular Fluid of Mares. <i>Animals</i> , 2022 , 12, 1383	3.1	1
1	Conception and early pregnancy in the mare: lipidomics the unexplored frontier.. <i>Reproduction and Fertility</i> , 2022 , 3, R1-R18	1.1	0