Christopher Grupen

List of Publications by Year
in descending order

22	794	758635 12	676716 22
papers	citations	h-index	g-index

22	22	22	882
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of Cytoplasmic Lipid Enhances the Tolerance of Porcine Embryos to Chilling. Biology of Reproduction, 1994, 51, 618-622.	1.2	190
2	The evolution of porcine embryo inÂvitro production. Theriogenology, 2014, 81, 24-37.	0.9	115
3	Relationship between follicle size and oocyte developmental competence in prepubertal and adult pigs. Reproduction, Fertility and Development, 2007, 19, 797.	0.1	87
4	Relationship between donor animal age, follicular fluid steroid content and oocyte developmental competence in the pig. Reproduction, Fertility and Development, 2003, 15, 81.	0.1	58
5	Relationship between cumulus cell apoptosis, progesterone production and porcine oocyte developmental competence: temporal effects of follicular fluid during IVM. Reproduction, Fertility and Development, 2010, 22, 1100.	0.1	55
6	Effects of milrinone and butyrolactone-I on porcine oocyte meiotic progression and developmental competence. Reproduction, Fertility and Development, 2006, 18, 309.	0.1	43
7	Differences in the metabolomic signatures of porcine follicular fluid collected from environments associated with good and poor oocyte quality. Reproduction, 2013, 146, 221-231.	1.1	41
8	Vitrification, not cryoprotectant exposure, alters the expression of developmentally important genes in in vitro produced porcine blastocysts. Cryobiology, 2018, 80, 70-76.	0.3	36
9	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. Theriogenology, 2004, 62, 1003-1011.	0.9	33
10	From Peptide Masses to Pregnancy Maintenance: A Comprehensive Proteomic Analysis of The Early Equine Embryo Secretome, Blastocoel Fluid, and Capsule. Proteomics, 2017, 17, 1600433.	1.3	29
11	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) Tj ETQq1 1 0.784314 rgBT /Overlock Integrative Biology, 2015, 19, 31-40.	1.0	22
12	Seasonal effects on oocyte developmental competence in sows experiencing pregnancy loss. Animal Reproduction Science, 2011, 124, 104-111.	0.5	19
13	A comparison of different vitrification devices and the effect of blastocoele collapse on the cryosurvival of <i>in vitro</i> produced porcine embryos. Journal of Reproduction and Development, 2015, 61, 525-531.	0.5	13
14	Cryotolerance of porcine blastocysts is improved by treating <i>in vitro</i> matured oocytes with L-carnitine prior to fertilization. Journal of Reproduction and Development, 2017, 63, 263-270.	0.5	10
15	Effect of carbohydrates on lipid metabolism during porcine oocyte IVM. Reproduction, Fertility and Development, 2019, 31, 557.	0.1	10
16	Anti-MÃ¼llerian hormone and Oestradiol as markers of future reproductive success in juvenile gilts. Animal Reproduction Science, 2018, 195, 197-206.	0.5	7
17	Supplementing media with NAD⁺ precursors enhances the <i>in vitro</i> maturation of porcine oocytes. Journal of Reproduction and Development, 2021, 67, 319-326.	0.5	7
18	Supplemental Nicotinic Acid Elevates NAD+ Precursors in the Follicular Fluid of Mares. Animals, 2022, 12, 1383.	1.0	5

#	Article	IF	Citations
19	Conception and early pregnancy in the mare: lipidomics the unexplored frontier. Reproduction and Fertility, 2022, 3, R1-R18.	0.6	4
20	Multiple ovulation and embryo transfer in sheep: Effects of embryo developmental stage and quality on viability in vivo under farm conditions. Australian Veterinary Journal, 2022, , .	0.5	4
21	Serum Concentrations of AMH and E2 and Ovarian and Uterine Traits in Gilts. Animals, 2019, 9, 811.	1.0	3
22	Nicotinic acid supplementation at a supraphysiological dose increases the bioavailability of NAD⁺ precursors in mares. Journal of Animal Physiology and Animal Nutrition, 2021, 105, 1154-1164.	1.0	3