

Christopher Grupen

List of Publications by Year in Descending Order

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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.

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|-------------------|-----------------------|----------------|-----------------|
| 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 | Conception and early pregnancy in the mare: lipidomics the unexplored frontier.. <i>Reproduction and Fertility</i> , 2022 , 3, R1-R18 | 1.1 | 0 |
| 20 | Supplemental Nicotinic Acid Elevates NAD+ Precursors in the Follicular Fluid of Mares. <i>Animals</i> , 2022 , 12, 1383 | 3.1 | 1 |
| 19 | 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 |
| 18 | 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 |
| 17 | Effect of carbohydrates on lipid metabolism during porcine oocyte IVM. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 557-569 | 1.8 | 6 |
| 16 | Serum Concentrations of AMH and E2 and Ovarian and Uterine Traits in Gilts. <i>Animals</i> , 2019 , 9, | 3.1 | 1 |
| 15 | 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 |
| 14 | 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 |
| 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 | 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 |
| 11 | 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 |
| 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 domestica</i> and <i>Equus ferus caballus</i>). <i>OMICS A Journal of Integrative Biology</i> , 2015 , 19, 31-40 | 3.8 | 14 |
| 9 | The evolution of porcine embryo in vitro production. <i>Theriogenology</i> , 2014 , 81, 24-37 | 2.8 | 90 |
| 8 | 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 |
| 7 | Seasonal effects on oocyte developmental competence in sows experiencing pregnancy loss. <i>Animal Reproduction Science</i> , 2011 , 124, 104-11 | 2.1 | 15 |
| 6 | 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 |
| 5 | 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 |

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|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | Removal of cytoplasmic lipid enhances the tolerance of porcine embryos to chilling. <i>Biology of Reproduction</i> , 1994 , 51, 618-22 | 3.9 | 171 |