Ruth Appeltant

List of Publications by Year
in descending order

20 papers	307 citations	840585 11 h-index	887953 17 g-index
21 all docs	21 docs citations	21 times ranked	417 citing authors

#	Article	IF	Citations
1	Interactions between oocytes and cumulus cells during inÂvitro maturation of porcine cumulus-oocyte complexes in a chemically defined medium: Effect of denuded oocytes on cumulus expansion and oocyte maturation. Theriogenology, 2015, 83, 567-576.	0.9	33
2	Porcine semen as a vector for transmission of viral pathogens. Theriogenology, 2016, 85, 27-38.	0.9	31
3	The ART of bringing extinction to a freeze â€“ History and future of species conservation, exemplified by rhinos. Theriogenology, 2021, 169, 76-88.	0.9	30
4	Increasing the cAMP concentration during inÂvitro maturation of pig oocytes improves cumulus maturation and subsequent fertilization inÂvitro. Theriogenology, 2015, 83, 344-352.	0.9	29
5	Effects of vitrification of cumulus-enclosed porcine oocytes at the germinal vesicle stage on cumulus expansion, nuclear progression and cytoplasmic maturation. Reproduction, Fertility and Development, 2017, 29, 2419.	0.1	27
6	Slaughterhouse examination of culled sows in commercial pig herds. Livestock Science, 2014, 167, 362-369.	0.6	25
7	A 12 kb multi-allelic copy number variation encompassing a GC gene enhancer is associated with mastitis resistance in dairy cattle. PLoS Genetics, 2021, 17, e1009331.	1.5	25
8	The effect of resveratrol on the developmental competence of porcine oocytes vitrified at germinal vesicle stage. Reproduction in Domestic Animals, 2018, 53, 304-312.	0.6	23
9	Porcine oocyte maturation <i>in vitro</i>: role of cAMP and oocyte-secreted factors â€“ A practical approach. Journal of Reproduction and Development, 2016, 62, 439-449.	0.5	17
10	Faster, cheaper, defined and efficient vitrification for immature porcine oocytes through modification of exposure time, macromolecule source and temperature. Cryobiology, 2018, 85, 87-94.	0.3	17
11	Influence of coâ€culture with denuded oocytes during in vitro maturation on fertilization and developmental competence of cumulusâ€enclosed porcine oocytes in a defined system. Animal Science Journal, 2016, 87, 503-510.	0.6	12
12	Improved preservation of ovarian tissue morphology that is compatible with antigen detection using a fixative mixture of formalin and acetic acid. Human Reproduction, 2021, 36, 1871-1890.	0.4	10
13	Effects of polyethylene glycol and a synthetic ice blocker during vitrification of immature porcine oocytes on survival and subsequent embryo development. Animal Science Journal, 2017, 88, 1042-1048.	0.6	7
14	Improvement of the developmental competence of porcine oocytes collected from early antral follicles by cytoplast fusion. Journal of Reproduction and Development, 2017, 63, 59-65.	0.5	5
15	Hampered cumulus expansion of porcine cumulusâ€oocyte complexes by excessive presence of alpha₂â€macroglobulin is likely mediated via inhibition of zincâ€dependent metalloproteases. Animal Science Journal, 2017, 88, 1279-1290.	0.6	4
16	Inhibitors of serine proteases decrease sperm penetration during porcine fertilization inÂvitro by inhibiting sperm binding to the zona pellucida and acrosome reaction. Theriogenology, 2015, 84, 1378-1386.	0.9	3
17	Method for collecting and immobilizing individual cumulus cells enabling quantitative immunofluorescence analysis of proteins. Analytical Biochemistry, 2015, 480, 31-33.	1.1	3
18	Relationship between semen quality and meat quality traits in Belgian PiÃ©train boars. Livestock Science, 2017, 205, 36-42.	0.6	3

#	Article	IF	Citations
19	40 THE EFFECT OF EXPOSURE TIME ON TOXICITY OF VITRIFICATION SOLUTION ON PORCINE CUMULUSâ€“OOCYTE COMPLEXES BEFORE IN VITRO MATURATION. Reproduction, Fertility and Development, 2017, 29, 127.	0.1	1
20	Fixation in Form-Acetic allows hyaluronic acid detection in mouse ovaries. Reproduction and Fertility, 2021, 2, L10-L12.	0.6	0