

Ruth Appeltant

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

307
citations

840585

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all docs

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21
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved preservation of ovarian tissue morphology that is compatible with antigen detection using a fixative mixture of formalin and acetic acid. <i>Human Reproduction</i> , 2021, 36, 1871-1890.	0.4	10
2	The ART of bringing extinction to a freeze – History and future of species conservation, exemplified by rhinos. <i>Theriogenology</i> , 2021, 169, 76-88.	0.9	30
3	A 12 kb multi-allelic copy number variation encompassing a GC gene enhancer is associated with mastitis resistance in dairy cattle. <i>PLoS Genetics</i> , 2021, 17, e1009331.	1.5	25
4	Fixation in Form-Acetic allows hyaluronic acid detection in mouse ovaries. <i>Reproduction and Fertility</i> , 2021, 2, L10-L12.	0.6	0
5	The effect of resveratrol on the developmental competence of porcine oocytes vitrified at germinal vesicle stage. <i>Reproduction in Domestic Animals</i> , 2018, 53, 304-312.	0.6	23
6	Faster, cheaper, defined and efficient vitrification for immature porcine oocytes through modification of exposure time, macromolecule source and temperature. <i>Cryobiology</i> , 2018, 85, 87-94.	0.3	17
7	Hampered cumulus expansion of porcine cumulus-oocyte complexes by excessive presence of alpha ₂ -macroglobulin is likely mediated via inhibition of zinc-dependent metalloproteases. <i>Animal Science Journal</i> , 2017, 88, 1279-1290.	0.6	4
8	Effects of vitrification of cumulus-enclosed porcine oocytes at the germinal vesicle stage on cumulus expansion, nuclear progression and cytoplasmic maturation. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2419.	0.1	27
9	Relationship between semen quality and meat quality traits in Belgian PiÅ©train boars. <i>Livestock Science</i> , 2017, 205, 36-42.	0.6	3
10	Effects of polyethylene glycol and a synthetic ice blocker during vitrification of immature porcine oocytes on survival and subsequent embryo development. <i>Animal Science Journal</i> , 2017, 88, 1042-1048.	0.6	7
11	40 THE EFFECT OF EXPOSURE TIME ON TOXICITY OF VITRIFICATION SOLUTION ON PORCINE CUMULUS-OOCYTE COMPLEXES BEFORE IN VITRO MATURATION. <i>Reproduction, Fertility and Development</i> , 2017, 29, 127.	0.1	1
12	Improvement of the developmental competence of porcine oocytes collected from early antral follicles by cytoplasm fusion. <i>Journal of Reproduction and Development</i> , 2017, 63, 59-65.	0.5	5
13	Porcine oocyte maturation & in vitro: role of cAMP and oocyte-secreted factors – A practical approach. <i>Journal of Reproduction and Development</i> , 2016, 62, 439-449.	0.5	17
14	Influence of co-culture with denuded oocytes during in vitro maturation on fertilization and developmental competence of cumulus-enclosed porcine oocytes in a defined system. <i>Animal Science Journal</i> , 2016, 87, 503-510.	0.6	12
15	Porcine semen as a vector for transmission of viral pathogens. <i>Theriogenology</i> , 2016, 85, 27-38.	0.9	31
16	Interactions between oocytes and cumulus cells during in vitro maturation of porcine cumulus-oocyte complexes in a chemically defined medium: Effect of denuded oocytes on cumulus expansion and oocyte maturation. <i>Theriogenology</i> , 2015, 83, 567-576.	0.9	33
17	Inhibitors of serine proteases decrease sperm penetration during porcine fertilization in vitro by inhibiting sperm binding to the zona pellucida and acrosome reaction. <i>Theriogenology</i> , 2015, 84, 1378-1386.	0.9	3
18	Method for collecting and immobilizing individual cumulus cells enabling quantitative immunofluorescence analysis of proteins. <i>Analytical Biochemistry</i> , 2015, 480, 31-33.	1.1	3

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19	Increasing the cAMP concentration during in vitro maturation of pig oocytes improves cumulus maturation and subsequent fertilization in vitro. Theriogenology, 2015, 83, 344-352.	0.9	29
20	Slaughterhouse examination of culled sows in commercial pig herds. Livestock Science, 2014, 167, 362-369.	0.6	25