

Isabelle Donnay

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,264
citations

516710

16
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642732

23
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24
docs citations

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times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Epidermal Growth Factor in Bovine Oocyte Maturation and Preimplantation Embryo Development in Vitro. <i>Biology of Reproduction</i> , 1996, 54, 1420-1429.	2.7	231
2	Apoptosis at the time of embryo implantation in mouse and rat. <i>Cell Death and Differentiation</i> , 1999, 6, 533-545.	11.2	116
3	Influence of antral follicle size on oocyte characteristics and embryo development in the bovine. <i>Theriogenology</i> , 2005, 63, 841-859.	2.1	96
4	Cloning of bovine peroxiredoxins gene expression in bovine tissues and amino acid sequence comparison with rat, mouse and primate peroxiredoxins. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 943-955.	1.6	87
5	Enrichment of in vitro maturation medium for buffalo (<i>Bubalus bubalis</i>) oocytes with thiol compounds: Effects of cystine on glutathione synthesis and embryo development. <i>Theriogenology</i> , 2006, 65, 275-287.	2.1	83
6	Poly(A) RNA Is Reduced by Half During Bovine Oocyte Maturation but Increases when Meiotic Arrest Is Maintained with CDK Inhibitors. <i>Biology of Reproduction</i> , 2004, 71, 425-431.	2.7	78
7	Porcine embryo development and fragmentation and their relation to apoptotic markers: a cinematographic and confocal laser scanning microscopic study. <i>Reproduction</i> , 2005, 129, 443-452.	2.6	76
8	Addition of Î²-mercaptoethanol or Trolox® at the morula/blastocyst stage improves the quality of bovine blastocysts and prevents induction of apoptosis and degeneration by prooxidant agents. <i>Theriogenology</i> , 2004, 61, 71-90.	2.1	69
9	Expression of Cu/Zn and Mn superoxide dismutases during bovine embryo development: Influence of in vitro culture. <i>Molecular Reproduction and Development</i> , 2001, 58, 45-53.	2.0	62
10	Expression of peroxiredoxins in bovine oocytes and embryos produced in vitro. <i>Molecular Reproduction and Development</i> , 2004, 69, 243-251.	2.0	62
11	Glutathione synthesis during in vitro maturation of buffalo (<i>Bubalus bubalis</i>) oocytes: effects of cysteamine on embryo development. <i>Theriogenology</i> , 2003, 60, 943-952.	2.1	61
12	Effect of prematuration, meiosis activating sterol and enriched maturation medium on the nuclear maturation and competence to development of calf oocytes. <i>Theriogenology</i> , 2004, 62, 1093-1107.	2.1	53
13	Peroxiredoxin 6 Is Upregulated in Bovine Oocytes and Cumulus Cells During In Vitro Maturation: Role of Intercellular Communication. <i>Biology of Reproduction</i> , 2004, 71, 1646-1651.	2.7	38
14	Identification of Caspase-3 and Caspase-Activated Deoxyribonuclease in Rat Blastocysts and Their Implication in the Induction of Chromatin Degradation (but Not Nuclear Fragmentation) by High Glucose. <i>Biology of Reproduction</i> , 2001, 64, 555-562.	2.7	29
15	Effect of prooxidant agents added at the morula/blastocyst stage on bovine embryo development, cell death and glutathione content. <i>Zygote</i> , 2003, 11, 107-118.	1.1	24
16	Female bovine blastocysts are more prone to apoptosis than male ones. <i>Theriogenology</i> , 2016, 85, 591-600.	2.1	21
17	<i>HOX</i> genes are expressed in bovine and mouse oocytes and early embryos. <i>Molecular Reproduction and Development</i> , 2011, 78, 436-449.	2.0	16
18	Characterization of <i>TALE</i> genes expression during the first lineage segregation in mammalian embryos. <i>Developmental Dynamics</i> , 2012, 241, 1827-1839.	1.8	13

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19	Oxidative stress differentially impacts male and female bovine embryos depending on the culture medium and the stress condition. <i>Theriogenology</i> , 2018, 117, 49-56.	2.1	12
20	Impact of pro-oxidant agents on the morula-blastocyst transition in bovine embryos. <i>Molecular Reproduction and Development</i> , 2005, 71, 339-346.	2.0	11
21	Dynamic Pattern of HOXB9 Protein Localization during Oocyte Maturation and Early Embryonic Development in Mammals. <i>PLoS ONE</i> , 2016, 11, e0165898.	2.5	10
22	Peroxiredoxins in Gametogenesis and Embryo Development. <i>Sub-Cellular Biochemistry</i> , 2007, 44, 345-355.	2.4	8
23	Metabolic Markers of Embryo Viability. , 2002, , 57-94.		5
24	How to Study Hox Gene Expression and Function in Mammalian Oocytes and Early Embryos. <i>Methods in Molecular Biology</i> , 2014, 1196, 19-36.	0.9	3