

Isabelle Donnay

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,264
citations

586496

16
h-index

721071

23
g-index

24
all docs

24
docs citations

24
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	12
2	Female bovine blastocysts are more prone to apoptosis than male ones. <i>Theriogenology</i> , 2016, 85, 591-600.	0.9	21
3	Dynamic Pattern of HOXB9 Protein Localization during Oocyte Maturation and Early Embryonic Development in Mammals. <i>PLoS ONE</i> , 2016, 11, e0165898.	1.1	10
4	How to Study Hox Gene Expression and Function in Mammalian Oocytes and Early Embryos. <i>Methods in Molecular Biology</i> , 2014, 1196, 19-36.	0.4	3
5	Characterization of <i>TALE</i> genes expression during the first lineage segregation in mammalian embryos. <i>Developmental Dynamics</i> , 2012, 241, 1827-1839.	0.8	13
6	<i>HOX</i> genes are expressed in bovine and mouse oocytes and early embryos. <i>Molecular Reproduction and Development</i> , 2011, 78, 436-449.	1.0	16
7	Peroxiredoxins in Gametogenesis and Embryo Development. <i>Sub-Cellular Biochemistry</i> , 2007, 44, 345-355.	1.0	8
8	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.	0.9	83
9	Impact of pro-oxidant agents on the morula-blastocyst transition in bovine embryos. <i>Molecular Reproduction and Development</i> , 2005, 71, 339-346.	1.0	11
10	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.	1.1	76
11	Influence of antral follicle size on oocyte characteristics and embryo development in the bovine. <i>Theriogenology</i> , 2005, 63, 841-859.	0.9	96
12	Peroxiredoxin 6 Is Upregulated in Bovine Oocytes and Cumulus Cells During In Vitro Maturation: Role of Intercellular Communication1. <i>Biology of Reproduction</i> , 2004, 71, 1646-1651.	1.2	38
13	Expression of peroxiredoxins in bovine oocytes and embryos produced in vitro. <i>Molecular Reproduction and Development</i> , 2004, 69, 243-251.	1.0	62
14	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.	0.9	53
15	Addition of β -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.	0.9	69
16	Poly(A) RNA Is Reduced by Half During Bovine Oocyte Maturation but Increases when Meiotic Arrest Is Maintained with CDK Inhibitors1. <i>Biology of Reproduction</i> , 2004, 71, 425-431.	1.2	78
17	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.	0.9	61
18	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.	0.7	87

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19	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.	0.5	24
20	Metabolic Markers of Embryo Viability. , 2002, , 57-94.		5
21	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.	1.0	62
22	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 Glucose1. <i>Biology of Reproduction</i> , 2001, 64, 555-562.	1.2	29
23	Apoptosis at the time of embryo implantation in mouse and rat. <i>Cell Death and Differentiation</i> , 1999, 6, 533-545.	5.0	116
24	Role of Epidermal Growth Factor in Bovine Oocyte Maturation and Preimplantation Embryo Development in Vitro1. <i>Biology of Reproduction</i> , 1996, 54, 1420-1429.	1.2	231