

Sonia Heras

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

379
citations

1039880

9
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Replacing serum in culture medium with albumin and insulin, transferrin and selenium is the key to successful bovine embryo development in individual culture. <i>Reproduction, Fertility and Development</i> , 2014, 26, 717.	0.1	65
2	Suboptimal culture conditions induce more deviations in gene expression in male than female bovine blastocysts. <i>BMC Genomics</i> , 2016, 17, 72.	1.2	58
3	Embryo responses to stress induced by assisted reproductive technologies. <i>Molecular Reproduction and Development</i> , 2019, 86, 1292-1306.	1.0	52
4	Autocrine embryotropins revisited: how do embryos communicate with each other in vitro when cultured in groups?. <i>Biological Reviews</i> , 2017, 92, 505-520.	4.7	47
5	Update on mammalian sperm capacitation: how much does the horse differ from other species?. <i>Reproduction</i> , 2019, 157, R181-R197.	1.1	45
6	Bio-desulfurization of Dibenzothiophene (DBT) Using <i>Pseudomonas putida</i> CECT 5279: A Biocatalyst Formulation Comparison. <i>Energy & Fuels</i> , 2009, 23, 5491-5495.	2.5	32
7	Procaine Induces Cytokinesis in Horse Oocytes via a pH-Dependent Mechanism. <i>Biology of Reproduction</i> , 2015, 93, 23.	1.2	24
8	Dynamics of 5-methylcytosine and 5-hydroxymethylcytosine during pronuclear development in equine zygotes produced by ICSI. <i>Epigenetics and Chromatin</i> , 2017, 10, 13.	1.8	15
9	The Importance of the Periconception Period: Immediate Effects in Cattle Breeding and in Assisted Reproduction Such as Artificial Insemination and Embryo Transfer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1014, 41-68.	0.8	9
10	Longitudinal analysis of somatic and germ cell telomere dynamics in outbred mice. <i>Molecular Reproduction and Development</i> , 2019, 86, 1033-1043.	1.0	9
11	Alternative models for the study of embryo - maternal cross-talk and signaling molecules from fertilisation to implantation. <i>Reproduction, Fertility and Development</i> , 2011, 23, iii.	0.1	6
12	Asymmetric histone 3 methylation pattern between paternal and maternal pronuclei in equine zygotes. <i>Analytical Biochemistry</i> , 2015, 471, 67-69.	1.1	6
13	DNA counterstaining for methylation and hydroxymethylation immunostaining in bovine zygotes. <i>Analytical Biochemistry</i> , 2014, 454, 14-16.	1.1	5
14	Urokinase-type plasminogen activator does not affect in vitro bovine embryo development and quality. <i>Acta Veterinaria Hungarica</i> , 2015, 63, 243-254.	0.2	3
15	Determination of the parental pronuclear origin in bovine zygotes: H3K9me3 versus H3K27me2-3. <i>Analytical Biochemistry</i> , 2016, 510, 76-78.	1.1	3