

Fernando H Biase

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1386783/publications.pdf>

Version: 2024-02-01

21
papers

1,647
citations

687363

13
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

2841
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. <i>Science</i> , 2009, 324, 522-528.	12.6	1,038
2	Cell fate inclination within 2-cell and 4-cell mouse embryos revealed by single-cell RNA sequencing. <i>Genome Research</i> , 2014, 24, 1787-1796.	5.5	263
3	Functional signaling and gene regulatory networks between the oocyte and the surrounding cumulus cells. <i>BMC Genomics</i> , 2018, 19, 351.	2.8	49
4	Massive dysregulation of genes involved in cell signaling and placental development in cloned cattle conceptus and maternal endometrium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14492-14501.	7.1	44
5	Transcriptome profiles in peripheral white blood cells at the time of artificial insemination discriminate beef heifers with different fertility potential. <i>BMC Genomics</i> , 2018, 19, 129.	2.8	30
6	Time-variant clustering model for understanding cell fate decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4797-806.	7.1	29
7	Beef heifer fertility: importance of management practices and technological advancements. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 97.	5.3	26
8	Oocyte Developmental Competence: Insights from Cross-Species Differential Gene Expression and Human Oocyte-Specific Functional Gene Networks. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 156-168.	2.0	22
9	<i>In vitro</i> maturation alters gene expression in bovine oocytes. <i>Zygote</i> , 2016, 24, 624-633.	1.1	20
10	Plasma metabolomic profiles differ at the time of artificial insemination based on pregnancy outcome, in <i>Bos taurus</i> beef heifers. <i>Scientific Reports</i> , 2018, 8, 13196.	3.3	17
11	Evaluation of age, weaning weight, body condition score, and reproductive tract score in pre-selected beef heifers relative to reproductive potential. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 18.	5.3	17
12	Changes in WNT signaling-related gene expression associated with development and cloning in bovine extraembryonic and endometrial tissues during the peri-implantation period. <i>Molecular Reproduction and Development</i> , 2013, 80, 977-987.	2.0	15
13	Fine-tuned adaptation of embryo-endometrium pairs at implantation revealed by transcriptome analyses in <i>Bos taurus</i> . <i>PLoS Biology</i> , 2019, 17, e3000046.	5.6	14
14	Rewiring of gene expression in circulating white blood cells is associated with pregnancy outcome in heifers (<i>Bos taurus</i>). <i>Scientific Reports</i> , 2020, 10, 16786.	3.3	14
15	The blueprint of RNA storages relative to oocyte developmental competence in cattle (<i>Bos taurus</i>). <i>Biology of Reproduction</i> , 2020, 102, 784-794.	2.7	14
16	Transcriptome data of peripheral white blood cells from beef heifers collected at the time of artificial insemination. <i>Data in Brief</i> , 2018, 18, 706-709.	1.0	10
17	Rainbow-Seq: Combining Cell Lineage Tracing with Single-Cell RNA Sequencing in Preimplantation Embryos. <i>iScience</i> , 2018, 7, 16-29.	4.1	9
18	Delayed processing of blood samples impairs the accuracy of mRNA-based biomarkers. <i>Scientific Reports</i> , 2022, 12, 8196.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Extraction of total RNA from single-oocytes and single-cell mRNA sequencing of swine oocytes. BMC Research Notes, 2018, 11, 155.	1.4	5
20	Isolation of high-quality total RNA and RNA sequencing of single bovine oocytes. STAR Protocols, 2021, 2, 100895.	1.2	4
21	Nuclear and mitochondrial DNA markers in traceability of retail beef samples. Pesquisa Veterinaria Brasileira, 2010, 30, 783-786.	0.5	0