

Charles R Long

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9254703/publications.pdf>

Version: 2024-02-01

40
papers

2,291
citations

489802

18
h-index

340414

39
g-index

40
all docs

40
docs citations

40
times ranked

2496
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal nutrient restriction in late pregnancy programs postnatal metabolism and pituitary development in beef heifers. PLoS ONE, 2021, 16, e0249924.	1.1	8
2	Engineering bone phenotypes in domestic animals: Unique resources for enhancing musculoskeletal research. Bone, 2020, 130, 115119.	1.4	2
3	L-Carnitine Supplementation during In Vitro Maturation and In Vitro Culture Does not Affect the Survival Rates after Vitrification and Warming but Alters Inf-T and ptgs2 Gene Expression. International Journal of Molecular Sciences, 2020, 21, 5601.	1.8	7
4	Efficient correction of a deleterious point mutation in primary horse fibroblasts with CRISPR-Cas9. Scientific Reports, 2020, 10, 7411.	1.6	8
5	Oxygen-induced alterations in the expression of chromatin modifying enzymes and the transcriptional regulation of imprinted genes. Gene Expression Patterns, 2018, 28, 1-11.	0.3	19
6	Genetic engineering a large animal model of human hypophosphatasia in sheep. Scientific Reports, 2018, 8, 16945.	1.6	41
7	The Lentiviral System Construction for Highly Expressed Porcine <i>Stearoyl-CoA Desaturase 1</i> and Functional Characterization in Stably Transduced Porcine Swine Kidney Cells. Lipids, 2018, 53, 933-945.	0.7	3
8	Genetically Engineering a Sheep Model of Hypophosphatasia. FASEB Journal, 2018, 32, 859.10.	0.2	0
9	DNA methylation-independent growth restriction and altered developmental programming in a mouse model of preconception male alcohol exposure. Epigenetics, 2017, 12, 841-853.	1.3	46
10	Depletion of elongation initiation factor 4E binding proteins by CRISPR/Cas9 enhances the antiviral response in porcine cells. Antiviral Research, 2016, 125, 8-13.	1.9	2
11	Inhibition of EHMT2 Induces a Robust Antiviral Response Against Foot-and-Mouth Disease and Vesicular Stomatitis Virus Infections in Bovine Cells. Journal of Interferon and Cytokine Research, 2016, 36, 37-47.	0.5	18
12	Molecular and preclinical basis to inhibit PGE ₂ receptors EP2 and EP4 as a novel nonsteroidal therapy for endometriosis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9716-9721.	3.3	62
13	Histone-lysine N-methyltransferase SETDB1 is required for development of the bovine blastocyst. Theriogenology, 2015, 84, 1411-1422.	0.9	14
14	Genome edited sheep and cattle. Transgenic Research, 2015, 24, 147-153.	1.3	203
15	Transgenic livestock for agriculture and biomedical applications. BMC Proceedings, 2014, 8, .	1.8	5
16	Expression of Porcine Fusion Protein IRF7/3(5D) Efficiently Controls Foot-and-Mouth Disease Virus Replication. Journal of Virology, 2014, 88, 11140-11153.	1.5	10
17	Reshaping the transcriptional frontier: Epigenetics and somatic cell nuclear transfer. Molecular Reproduction and Development, 2014, 81, 183-193.	1.0	53
18	Sustained Expression of Insulin by a Genetically Engineered Sertoli Cell Line after Allotransplantation in Diabetic BALB/c Mice. Biology of Reproduction, 2014, 90, 109.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Transgenic sheep generated by lentiviral vectors: safety and integration analysis of surrogates and their offspring. <i>Transgenic Research</i> , 2013, 22, 737-745.	1.3	11
20	Efficient TALEN-mediated gene knockout in livestock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17382-17387.	3.3	524
21	Down-regulation of viral replication by lentiviral-mediated expression of short-hairpin RNAs against vesicular stomatitis virus ribonuclear complex genes. <i>Antiviral Research</i> , 2012, 95, 150-158.	1.9	5
22	Cryopreservation of in vitro produced bovine embryos: effects of lipid segregation and post-thaw laser assisted hatching. <i>Theriogenology</i> , 2011, 75, 24-33.	0.9	15
23	Examination of DNA methyltransferase expression in cloned embryos reveals an essential role for Dnmt1 in bovine development. <i>Molecular Reproduction and Development</i> , 2011, 78, 306-317.	1.0	43
24	Viral Particles of Endogenous Betaretroviruses Are Released in the Sheep Uterus and Infect the Conceptus Trophectoderm in a Transspecies Embryo Transfer Model. <i>Journal of Virology</i> , 2010, 84, 9078-9085.	1.5	26
25	Applications of RNA interference-based gene silencing in animal agriculture. <i>Reproduction, Fertility and Development</i> , 2010, 22, 47.	0.1	8
26	Embryo production and possible species preservation by nuclear transfer of somatic cells isolated from bovine semen. <i>Theriogenology</i> , 2010, 74, 1629-1635.	0.9	12
27	Evaluation of culture systems for attachment and proliferation of epithelial cells cultured from ovine semen. <i>Animal Reproduction Science</i> , 2009, 115, 49-57.	0.5	9
28	Assessment of canine oocyte viability after transportation and storage under different conditions. <i>Animal Reproduction Science</i> , 2008, 105, 451-456.	0.5	10
29	Synchronisation of canine germinal vesicle stage oocytes prior to in vitro maturation alters the kinetics of nuclear progression during subsequent resumption of meiosis. <i>Reproduction, Fertility and Development</i> , 2008, 20, 606.	0.1	5
30	Identification, amplification and characterization of miR-17-92 from canine tissue. <i>Gene</i> , 2007, 404, 25-30.	1.0	29
31	Suppression of prion protein in livestock by RNA interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5285-5290.	3.3	127
32	Epigenetic and Genomic Imprinting Analysis in Nuclear Transfer Derived Bos gaurus/Bos taurus Hybrid Fetuses1. <i>Biology of Reproduction</i> , 2004, 71, 470-478.	1.2	101
33	Development Rates of Male Bovine Nuclear Transfer Embryos Derived from Adult and Fetal Cells1. <i>Biology of Reproduction</i> , 2000, 62, 1135-1140.	1.2	191
34	Evidence for Placental Abnormality as the Major Cause of Mortality in First-Trimester Somatic Cell Cloned Bovine Fetuses1. <i>Biology of Reproduction</i> , 2000, 63, 1787-1794.	1.2	407
35	Initiation and Organization of Events During the First Cell Cycle in Mammals: Applications in Cloning. <i>Cloning</i> , 1999, 1, 89-100.	2.1	18
36	Dual labeling of the cytoskeleton and DNA strand breaks in porcine embryos produced in vivo and in vitro. <i>Molecular Reproduction and Development</i> , 1998, 51, 59-65.	1.0	47

#	ARTICLE	IF	CITATIONS
37	Isolation and Characterization of MPM-2-Reactive Sperm Proteins: Homology to Components of the Outer Dense Fibers and Segmented Columns ¹ . <i>Biology of Reproduction</i> , 1997, 57, 246-254.	1.2	14
38	Inactivation of histone H1 kinase by Ca ²⁺ in rabbit oocytes. <i>Molecular Reproduction and Development</i> , 1995, 40, 253-258.	1.0	66
39	Factors involved in nuclear reprogramming during early development in the rabbit. <i>Molecular Reproduction and Development</i> , 1995, 40, 292-304.	1.0	37
40	Chromatin and microtubule morphology during the first cell cycle in bovine zygotes. <i>Molecular Reproduction and Development</i> , 1993, 36, 23-32.	1.0	73