

Mark E Westhusin

List of Publications by Year in descending order

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41
papers

2,395
citations

346980

22
h-index

355658

38
g-index

64
all docs

64
docs citations

64
times ranked

1750
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering bone phenotypes in domestic animals: Unique resources for enhancing musculoskeletal research. <i>Bone</i> , 2020, 130, 115119.	1.4	2
2	Oxygen-induced alterations in the expression of chromatin modifying enzymes and the transcriptional regulation of imprinted genes. <i>Gene Expression Patterns</i> , 2018, 28, 1-11.	0.3	19
3	Genetic engineering a large animal model of human hypophosphatasia in sheep. <i>Scientific Reports</i> , 2018, 8, 16945.	1.6	41
4	Genetically Engineering a Sheep Model of Hypophosphatasia. <i>FASEB Journal</i> , 2018, 32, 859.10.	0.2	0
5	Histone-lysine N-methyltransferase SETDB1 is required for development of the bovine blastocyst. <i>Theriogenology</i> , 2015, 84, 1411-1422.	0.9	14
6	Reshaping the transcriptional frontier: Epigenetics and somatic cell nuclear transfer. <i>Molecular Reproduction and Development</i> , 2014, 81, 183-193.	1.0	53
7	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
8	Effects of early pregnancy diagnosis by palpation per rectum on pregnancy loss in dairy cattle. <i>Journal of the American Veterinary Medical Association</i> , 2011, 239, 668-673.	0.2	17
9	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
10	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
11	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
12	Assessment of canine oocyte viability after transportation and storage under different conditions. <i>Animal Reproduction Science</i> , 2008, 105, 451-456.	0.5	10
13	Early pregnancy diagnosis by palpation per rectum: Influence on embryo/fetal viability in dairy cattle. <i>Theriogenology</i> , 2007, 67, 486-493.	0.9	69
14	Cloning of GJA1 (connexin43) and its expression in canine ovarian follicles throughout the estrous cycle. <i>Gene Expression Patterns</i> , 2007, 7, 66-71.	0.3	11
15	Cloning of Exotic/Endangered Species: Desert Bighorn Sheep. <i>Methods in Molecular Biology</i> , 2006, 348, 169-181.	0.4	20
16	Early pregnancy diagnosis by transrectal ultrasonography in dairy cattle. <i>Theriogenology</i> , 2006, 66, 1034-1041.	0.9	92
17	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
18	Influence of maturation culture period on the development of canine oocytes after in vitro maturation and fertilization. <i>Reproduction, Nutrition, Development</i> , 2004, 44, 631-637.	1.9	34

#	ARTICLE	IF	CITATIONS
19	Activation of Equine Nuclear Transfer Oocytes: Methods and Timing of Treatment in Relation to Nuclear Remodeling ¹ . <i>Biology of Reproduction</i> , 2004, 70, 46-53.	1.2	25
20	Analysis of DNA (cytosine 5) methyltransferase mRNA sequence and expression in bovine preimplantation embryos, fetal and adult tissues. <i>Gene Expression Patterns</i> , 2003, 3, 551-558.	0.3	60
21	Cloning Companion Animals (Horses, Cats, and Dogs). <i>Cloning and Stem Cells</i> , 2003, 5, 301-317.	2.6	13
22	Effect of co-culture with theca interna on nuclear maturation of horse oocytes with low meiotic competence, and subsequent fusion and activation rates after nuclear transfer. <i>Theriogenology</i> , 2002, 57, 1005-1011.	0.9	16
23	A cat cloned by nuclear transplantation. <i>Nature</i> , 2002, 415, 859-859.	13.7	465
24	Regenerated Bovine Fetal Fibroblasts Support High Blastocyst Development following Nuclear Transfer. <i>Cloning</i> , 2001, 3, 51-58.	2.1	26
25	Bovine nuclear transfer embryo development using cells derived from a cloned fetus. <i>Animal Reproduction Science</i> , 2001, 67, 17-26.	0.5	16
26	DNA hypomethylation of karyoplasts for bovine nuclear transplantation. <i>Molecular Reproduction and Development</i> , 2001, 60, 208-213.	1.0	48
27	Cyclooxygenase-2 and Prostaglandin E2(PGE2) Receptor Messenger RNAs Are Affected by Bovine Oocyte Maturation Time and Cumulus-Oocyte Complex Quality, and PGE2 Induces Moderate Expansion of the Bovine Cumulus In Vitro ¹ . <i>Biology of Reproduction</i> , 2001, 65, 135-140.	1.2	71
28	Characterization of a bovine cDNA encoding citrate synthase, and presence of citrate synthase mRNA during bovine pre-attachment development. <i>Molecular Reproduction and Development</i> , 2000, 55, 14-19.	1.0	7
29	Assessment by differential display-RT-PCR of mRNA transcript transitions and ?-amanitin sensitivity during bovine preattachment development. <i>Molecular Reproduction and Development</i> , 2000, 55, 152-163.	1.0	44
30	Three little pigs worth the huff and puff?. <i>Nature Biotechnology</i> , 2000, 18, 1144-1145.	9.4	3
31	Genetic reprogramming of lactate dehydrogenase, citrate synthase, and phosphofructokinase mRNA in bovine nuclear transfer embryos produced using bovine fibroblast cell nuclei. <i>Molecular Reproduction and Development</i> , 2000, 56, 458-464.	1.0	56
32	Impact of Bovine Oocyte Maturation Media on Oocyte Transcript Levels, Blastocyst Development, Cell Number, and Apoptosis ¹ . <i>Biology of Reproduction</i> , 2000, 62, 355-364.	1.2	156
33	Development Rates of Male Bovine Nuclear Transfer Embryos Derived from Adult and Fetal Cells ¹ . <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 Fetuses ¹ . <i>Biology of Reproduction</i> , 2000, 63, 1787-1794.	1.2	407
35	Genetic reprogramming of lactate dehydrogenase, citrate synthase, and phosphofructokinase mRNA in bovine nuclear transfer embryos produced using bovine fibroblast cell nuclei. , 2000, 56, 458.		2
36	Reprogramming of Fibroblast Nuclei after Transfer into Bovine Oocytes. <i>Cloning</i> , 1999, 1, 63-69.	2.1	57

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37	Analysis of variation in relative mRNA abundance for specific gene transcripts in single bovine oocytes and early embryos. <i>Molecular Reproduction and Development</i> , 1998, 49, 119-130.	1.0	71
38	Analysis of variation in relative mRNA abundance for specific gene transcripts in single bovine oocytes and early embryos. , 1998, 49, 119.		3
39	From mighty mice to mighty cows. <i>Nature Genetics</i> , 1997, 17, 4-5.	9.4	27
40	Regulation of Early Embryonic Development by Growth Factors: Growth Factor Gene Expression in Cloned Bovine Embryos. <i>Journal of Animal Science</i> , 1996, 74, 50.	0.2	10
41	Monoclonal Antibody to Human Fertilization Antigen-1 (FA-1) Inhibits Bovine Fertilization in Vitro: Application in Immunocontraception1. <i>Biology of Reproduction</i> , 1994, 51, 14-23.	1.2	37