

Troy L Ott

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,239
citations

218592

26
h-index

289141

40
g-index

65
all docs

65
docs citations

65
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunological detection of pregnancy: Evidence for systemic immune modulation during early pregnancy in ruminants. <i>Theriogenology</i> , 2020, 150, 498-503.	0.9	30
2	Mechanical shear controls bacterial penetration in mucus. <i>Scientific Reports</i> , 2019, 9, 9713.	1.6	24
3	Symposium review: Immunological detection of the bovine conceptus during early pregnancy. <i>Journal of Dairy Science</i> , 2019, 102, 3766-3777.	1.4	36
4	Effects of early pregnancy on uterine lymphocytes and endometrial expression of immune-regulatory molecules in dairy heifers. <i>Biology of Reproduction</i> , 2017, 97, 104-118.	1.2	29
5	Changes in Myeloid Lineage Cells in the Uterus and Peripheral Blood of Dairy Heifers During Early Pregnancy. <i>Biology of Reproduction</i> , 2016, 95, 68-68.	1.2	19
6	The Transcriptomic Evolution of Mammalian Pregnancy: Gene Expression Innovations in Endometrial Stromal Fibroblasts. <i>Genome Biology and Evolution</i> , 2016, 8, 2459-2473.	1.1	43
7	Embryo Mortality Around the Period of Maintenance of the Corpus Luteum Causes Alterations to the Ovarian Function of Lactating Dairy Cows. <i>Biology of Reproduction</i> , 2016, 95, 112-112.	1.2	30
8	Low Doses of Bovine Somatotropin Enhance Conceptus Development and Fertility in Lactating Dairy Cows. <i>Biology of Reproduction</i> , 2014, 90, 10.	1.2	53
9	Reproductive Genomics: Genome, Transcriptome, and Proteome Resources. , 2010, , 3-22.		0
10	Genomics of Reproductive Diseases in Cattle and Swine. , 2010, , 99-127.		0
11	Physiological Genomics of Conceptus-Endometrial Interactions Mediating Corpus Luteum Rescue. , 2010, , 231-249.		0
12	Biotechnology and Fertility Regulation. , 2010, , 317-338.		0
13	Comparative Genomics of the Y Chromosome and Male Fertility. , 2010, , 129-155.		4
14	Quantitative Genomics of Male Reproduction. , 2010, , 53-66.		0
15	Genetics and Genomics of Reproductive Disorders. , 2010, , 67-97.		1
16	Nutrigenomics for Improved Reproduction. , 2010, , 413-438.		0
17	Quantitative Genomics of Female Reproduction. , 2010, , 23-51.		1
18	Functional Genomics Studies of Ovarian Function in Livestock: Physiological Insight Gained and Perspective for the Future. , 2010, , 181-203.		0

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19	Physiological Genomics of Placental Growth and Development. , 2010, , 251-268.		0
20	Cellular, Molecular, and Genomic Mechanisms Regulating Testis Function in Livestock. , 2010, , 269-290.		0
21	The Epigenome and Its Relevance to Somatic Cell Nuclear Transfer and Nuclear Reprogramming. , 2010, , 291-316.		0
22	Proteomics of Male Seminal Plasma. , 2010, , 339-366.		4
23	Toxicogenomics of Reproductive Endocrine Disruption. , 2010, , 397-412.		2
24	Mitochondriomics of Reproduction and Fertility. , 2010, , 157-179.		0
25	Physiological Genomics of Preimplantation Embryo Development in Production Animals. , 2010, , 205-229.		0
26	Effects of Early Conceptus Signals on Circulating Immune Cells: Lessons from Domestic Ruminants. American Journal of Reproductive Immunology, 2010, 64, 245-254.	1.2	56
27	Evolutionary Genomics of Sex Determination in Domestic Animals. , 2010, , 367-395.		0
28	Ovine endometrial expression of fibroblast growth factor (FGF) 2 and conceptus expression of FGF receptors during early pregnancy. Domestic Animal Endocrinology, 2008, 34, 135-145.	0.8	74
29	Maternal recognition of pregnancy. Reproductive Medicine and Assisted Reproductive Techniques Series, 2008, , 260-285.	0.1	0
30	Cellular Localization and Function of the Antiviral Protein, Ovine Mx1 (oMx1): II. The oMx1 Protein Is a Regulator of Secretion in an Ovine Glandular Epithelial Cell Line. American Journal of Reproductive Immunology, 2007, 57, 23-33.	1.2	13
31	Cellular Localization and Function of the Antiviral Protein, Ovine Mx1 (oMx1): I. Ovine Mx1 Is Secreted By Endometrial Epithelial Cells Via an 'Unconventional' Secretory Pathway. American Journal of Reproductive Immunology, 2007, 57, 13-22.	1.2	15
32	The effects of recombinant bovine somatotropin (rbST) on tissue IGF-I, IGF-I receptor, and GH mRNA levels in rainbow trout, <i>Oncorhynchus mykiss</i> . General and Comparative Endocrinology, 2004, 135, 324-333.	0.8	86
33	Growth hormone differentially regulates muscle myostatin1 and -2 and increases circulating cortisol in rainbow trout (<i>Oncorhynchus mykiss</i>). General and Comparative Endocrinology, 2004, 138, 32-41.	0.8	44
34	The Effects of Chronic Ethanol Consumption During Early Pregnancy on Conceptus Health and Uterine Function in Pigs. Alcoholism: Clinical and Experimental Research, 2003, 27, 712-719.	1.4	8
35	Phenotypic and Ultrastructural Characteristics of Bronchoalveolar Lavage Cells of Lentivirus-Infected Lambs Treated with Recombinant Ovine IFN- γ . Journal of Interferon and Cytokine Research, 2001, 21, 677-686.	0.5	1
36	Interferon tau-induced hepatocyte apoptosis in sheep. Hepatology, 2000, 31, 1275-1284.	3.6	8

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37	Effects of recombinant ovine interferon- β , on ovine lentivirus replication and progression of disease. Microbiology (United Kingdom), 2000, 81, 525-532.	0.7	14
38	Estradiol Up-Regulates Estrogen Receptor- β Messenger Ribonucleic Acid in Sheep Endometrium by Increasing Its Stability. Biology of Reproduction, 1999, 60, 134-139.	1.2	64
39	Ovine Osteopontin: II. Osteopontin and $\alpha_2\beta_1$ Integrin Expression in the Uterus and Conceptus During the Periimplantation Period. Biology of Reproduction, 1999, 61, 892-899.	1.2	134
40	Effects of Recombinant Ovine Interferon Tau, Placental Lactogen, and Growth Hormone on the Ovine Uterus. Biology of Reproduction, 1999, 61, 1409-1418.	1.2	126
41	Differential Effects of Intrauterine and Subcutaneous Administration of Recombinant Ovine Interferon Tau on the Endometrium of Cyclic Ewes. Biology of Reproduction, 1999, 61, 464-470.	1.2	60
42	Amino Acid Composition of the Fetal Pig. Journal of Nutrition, 1999, 129, 1031-1038.	1.3	141
43	Maternal recognition of pregnancy: Comparative aspects. Placenta, 1998, 19, 375-386.	0.7	10
44	Structural responses of pulmonary intravascular macrophages in lentivirus-infected and/or recombinant ovine interferon- β -treated lambs. , 1998, 251, 472-485.		7
45	Effects of the Estrous Cycle and Early Pregnancy on Uterine Expression of Mx Protein in Sheep (Ovis Tj ETQq1 1 0.784314 rgBT /Ove	1.2	104
46	Expression of Interferon Regulatory Factors One and Two in the Ovine Endometrium: Effects of Pregnancy and Ovine Interferon Tau. Biology of Reproduction, 1998, 58, 1154-1162.	1.2	70
47	Endocrinology of the Transition from Recurring Estrous Cycles to Establishment of Pregnancy in Subprimate Mammals. , 1998, , 1-34.		26
48	Maternal Dietary Protein Deficiency Decreases Nitric Oxide Synthase and Ornithine Decarboxylase Activities in Placenta and Endometrium of Pigs During Early Gestation. Journal of Nutrition, 1998, 128, 2395-2402.	1.3	84
49	Interferon Tau: A Novel Pregnancy Recognition Signal. American Journal of Reproductive Immunology, 1997, 37, 412-420.	1.2	223
50	Effects of Recombinant Interferon- β , on Ovine Lentivirus Replication. Journal of Interferon and Cytokine Research, 1996, 16, 989-994.	0.5	15
51	Placental Interferons. American Journal of Reproductive Immunology, 1996, 35, 297-308.	1.2	50
52	Effect of media composition on growth, plasmid stability and ovine interferon- β , production in <i>Saccharomyces cerevisiae</i> . Journal of Bioscience and Bioengineering, 1996, 82, 565-569.	0.9	8
53	High Yield Expression and Secretion of the Ovine Pregnancy Recognition Hormone Interferon- β , by <i>Pichia pastoris</i> . Journal of Interferon and Cytokine Research, 1996, 16, 119-126.	0.5	90
54	Enzyme-Linked Immunosorbent Assay for Ovine Interferon- β ,. Journal of Interferon and Cytokine Research, 1996, 16, 147-150.	0.5	8

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55	Î-Interferon: Pregnancy Recognition Signal in Ruminants. <i>Experimental Biology and Medicine</i> , 1996, 213, 215-229.	1.1	79
56	Regulation of Endometrial Responsiveness to Estrogen and Progesterone by Pregnancy Recognition Signals During the Periimplantation Period. , 1995, , 27-47.		10
57	Predicted structural motif of IFNÎ. <i>Protein Engineering, Design and Selection</i> , 1994, 7, 863-867.	1.0	25
58	Structure/Function Studies with Interferon Tau: Evidence for Multiple Active Sites. <i>Journal of Interferon Research</i> , 1994, 14, 133-141.	1.2	31
59	Pregnancy recognition in ruminants, pigs and horses: Signals from the trophoblast. <i>Theriogenology</i> , 1994, 41, 79-94.	0.9	95
60	Cytokines and Pregnancy Recognition. , 1994, , 37-56.		5
61	Natural Killer Cell Activity of Lymphocytes Exposed to Ovine, Type I, Trophoblast Interferon. <i>American Journal of Reproductive Immunology</i> , 1993, 29, 26-34.	1.2	40
62	Cloning and Expression in <i>Saccharomyces cerevisiae</i> of a Synthetic Gene for the Type-I Trophoblast Interferon Ovine Trophoblast Protein-1: Purification and Antiviral Activity. <i>Journal of Interferon Research</i> , 1991, 11, 357-364.	1.2	71
63	Relationship between Variation in Conceptus Development and Differences in Estrous Cycle Duration in Ewes1. <i>Biology of Reproduction</i> , 1991, 44, 536-539.	1.2	68