

# Troy L Ott

## List of Publications by Year in descending order

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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	Interferon Tau: A Novel Pregnancy Recognition Signal. American Journal of Reproductive Immunology, 1997, 37, 412-420.	1.2	223
2	Amino Acid Composition of the Fetal Pig. Journal of Nutrition, 1999, 129, 1031-1038.	1.3	141
3	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
4	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
5	Effects of the Estrous Cycle and Early Pregnancy on Uterine Expression of Mx Protein in Sheep (Ovis) Tj ETQq1 1 0.784314 rgBT/Ovenlo	1.2	104
6	Pregnancy recognition in ruminants, pigs and horses: Signals from the trophoblast. Theriogenology, 1994, 41, 79-94.	0.9	95
7	High Yield Expression and Secretion of the Ovine Pregnancy Recognition Hormone Interferon- $\tau$ , by <i>Pichia pastoris</i> . Journal of Interferon and Cytokine Research, 1996, 16, 119-126.	0.5	90
8	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
9	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
10	$\tau$ -Interferon: Pregnancy Recognition Signal in Ruminants. Experimental Biology and Medicine, 1996, 213, 215-229.	1.1	79
11	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
12	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. Journal of Interferon Research, 1991, 11, 357-364.	1.2	71
13	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
14	Relationship between Variation in Conceptus Development and Differences in Estrous Cycle Duration in Ewes. Biology of Reproduction, 1991, 44, 536-539.	1.2	68
15	Estradiol Up-Regulates Estrogen Receptor- $\alpha$ Messenger Ribonucleic Acid in Sheep Endometrium by Increasing Its Stability. Biology of Reproduction, 1999, 60, 134-139.	1.2	64
16	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
17	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
18	Low Doses of Bovine Somatotropin Enhance Conceptus Development and Fertility in Lactating Dairy Cows. Biology of Reproduction, 2014, 90, 10.	1.2	53

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19	Placental Interferons. American Journal of Reproductive Immunology, 1996, 35, 297-308.	1.2	50
20	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
21	The Transcriptomic Evolution of Mammalian Pregnancy: Gene Expression Innovations in Endometrial Stromal Fibroblasts. Genome Biology and Evolution, 2016, 8, 2459-2473.	1.1	43
22	Natural Killer Cell Activity of Lymphocytes Exposed to Ovine, Type I, Trophoblast Interferon. American Journal of Reproductive Immunology, 1993, 29, 26-34.	1.2	40
23	Symposium review: Immunological detection of the bovine conceptus during early pregnancy. Journal of Dairy Science, 2019, 102, 3766-3777.	1.4	36
24	Structure/Function Studies with Interferon Tau: Evidence for Multiple Active Sites. Journal of Interferon Research, 1994, 14, 133-141.	1.2	31
25	Embryo Mortality Around the Period of Maintenance of the Corpus Luteum Causes Alterations to the Ovarian Function of Lactating Dairy Cows. Biology of Reproduction, 2016, 95, 112-112.	1.2	30
26	Immunological detection of pregnancy: Evidence for systemic immune modulation during early pregnancy in ruminants. Theriogenology, 2020, 150, 498-503.	0.9	30
27	Effects of early pregnancy on uterine lymphocytes and endometrial expression of immune-regulatory molecules in dairy heifers. Biology of Reproduction, 2017, 97, 104-118.	1.2	29
28	Endocrinology of the Transition from Recurring Estrous Cycles to Establishment of Pregnancy in Subprimate Mammals. , 1998, , 1-34.		26
29	Predicted structural motif of IFN $\gamma$ . Protein Engineering, Design and Selection, 1994, 7, 863-867.	1.0	25
30	Mechanical shear controls bacterial penetration in mucus. Scientific Reports, 2019, 9, 9713.	1.6	24
31	Changes in Myeloid Lineage Cells in the Uterus and Peripheral Blood of Dairy Heifers During Early Pregnancy. Biology of Reproduction, 2016, 95, 68-68.	1.2	19
32	Effects of Recombinant Interferon- $\gamma$ , on Ovine Lentivirus Replication. Journal of Interferon and Cytokine Research, 1996, 16, 989-994.	0.5	15
33	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
34	Effects of recombinant ovine interferon- $\gamma$ , on ovine lentivirus replication and progression of disease. Microbiology (United Kingdom), 2000, 81, 525-532.	0.7	14
35	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
36	Maternal recognition of pregnancy: Comparative aspects. Placenta, 1998, 19, 375-386.	0.7	10

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37	Regulation of Endometrial Responsiveness to Estrogen and Progesterone by Pregnancy Recognition Signals During the Periimplantation Period. , 1995, , 27-47.		10
38	Effect of media composition on growth, plasmid stability and ovine interferon- $\lambda$ , production in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 1996, 82, 565-569.	0.9	8
39	Enzyme-Linked Immunosorbent Assay for Ovine Interferon- $\lambda$ ,. <i>Journal of Interferon and Cytokine Research</i> , 1996, 16, 147-150.	0.5	8
40	Interferon tau-induced hepatocyte apoptosis in sheep. <i>Hepatology</i> , 2000, 31, 1275-1284.	3.6	8
41	The Effects of Chronic Ethanol Consumption During Early Pregnancy on Conceptus Health and Uterine Function in Pigs. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 712-719.	1.4	8
42	Structural responses of pulmonary intravascular macrophages in lentivirus-infected and/or recombinant ovine interferon- $\lambda$ ,,-treated lambs. , 1998, 251, 472-485.		7
43	Cytokines and Pregnancy Recognition. , 1994, , 37-56.		5
44	Comparative Genomics of the Y Chromosome and Male Fertility. , 2010, , 129-155.		4
45	Proteomics of Male Seminal Plasma. , 2010, , 339-366.		4
46	Toxicogenomics of Reproductive Endocrine Disruption. , 2010, , 397-412.		2
47	Phenotypic and Ultrastructural Characteristics of Bronchoalveolar Lavage Cells of Lentivirus-Infected Lambs Treated with Recombinant Ovine IFN- $\lambda$ ,. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 677-686.	0.5	1
48	Genetics and Genomics of Reproductive Disorders. , 2010, , 67-97.		1
49	Quantitative Genomics of Female Reproduction. , 2010, , 23-51.		1
50	Reproductive Genomics: Genome, Transcriptome, and Proteome Resources. , 2010, , 3-22.		0
51	Genomics of Reproductive Diseases in Cattle and Swine. , 2010, , 99-127.		0
52	Physiological Genomics of Conceptus-Endometrial Interactions Mediating Corpus Luteum Rescue. , 2010, , 231-249.		0
53	Biotechnology and Fertility Regulation. , 2010, , 317-338.		0
54	Quantitative Genomics of Male Reproduction. , 2010, , 53-66.		0

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55	Nutrigenomics for Improved Reproduction. , 2010, , 413-438.		0
56	Functional Genomics Studies of Ovarian Function in Livestock: Physiological Insight Gained and Perspective for the Future. , 2010, , 181-203.		0
57	Physiological Genomics of Placental Growth and Development. , 2010, , 251-268.		0
58	Cellular, Molecular, and Genomic Mechanisms Regulating Testis Function in Livestock. , 2010, , 269-290.		0
59	The Epigenome and Its Relevance to Somatic Cell Nuclear Transfer and Nuclear Reprogramming. , 2010, , 291-316.		0
60	Mitochondriomics of Reproduction and Fertility. , 2010, , 157-179.		0
61	Physiological Genomics of Preimplantation Embryo Development in Production Animals. , 2010, , 205-229.		0
62	Evolutionary Genomics of Sex Determination in Domestic Animals. , 2010, , 367-395.		0
63	Maternal recognition of pregnancy. Reproductive Medicine and Assisted Reproductive Techniques Series, 2008, , 260-285.	0.1	0