Robert Gilbert

List of Publications by Year in descending order

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71004 66518 7,182 131 43 82 citations h-index g-index papers 134 134 134 4256 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Early Pregnancy in Jennies in the Caribbean: Corpus Luteum Development and Progesterone Production, Uterine and Embryo Dynamics, Conceptus Growth and Maturation. Animals, 2022, 12, 127.	1.0	1
2	Evaluation of Stress Accompanying Immunocontraceptive Vaccination in Donkeys. Animals, 2022, 12, 457.	1.0	2
3	The economic cost of metritis in dairy herds. Journal of Dairy Science, 2021, 104, 3158-3168.	1.4	29
4	Incidence, clinical patterns, and risk factors of postpartum uterine diseases in dairy cows from high-altitude tropical herds. Journal of Dairy Science, 2021, 104, 9016-9026.	1.4	6
5	Effect of body condition change and health status during early lactation on performance and survival of Holstein cows. Journal of Dairy Science, 2021, 104, 12785-12799.	1.4	17
6	Efficacy and side effects of low single doses of cloprostenol sodium or dinoprost tromethamine to induce luteolysis in donkeys. Journal of Equine Veterinary Science, 2021, 107, 103774.	0.4	1
7	Androgen production in response to LH is impaired in theca cells from nonovulatory dominant follicles in early-postpartum dairy cows. Domestic Animal Endocrinology, 2020, 71, 106385.	0.8	2
8	Associations of reproductive indices with fertility outcomes, milk yield, and survival in Holstein cows. Journal of Dairy Science, 2020, 103, 6647-6660.	1.4	26
9	Early-lactation diseases and fertility in 2 seasons of calving across US dairy herds. Journal of Dairy Science, 2020, 103, 10560-10576.	1.4	39
10	Effects of flunixin meglumine on postponement of ovulation in mares. American Journal of Veterinary Research, 2019, 80, 306-310.	0.3	2
11	Symposium review: Mechanisms of disruption of fertility by infectious diseases of the reproductive tract. Journal of Dairy Science, 2019, 102, 3754-3765.	1.4	42
12	Efficacy and outcome of foaling augmented with oxytocin using mammary calcium and pH criteria to guide the timing of augmentation. Animal Reproduction Science, 2019, 202, 87-95.	0.5	7
13	Effects of pegbovigrastim administration on periparturient diseases, milk production, and reproductive performance of Holstein cows. Journal of Dairy Science, 2018, 101, 11199-11217.	1.4	36
14	Reproductive Diseases. , 2018, , 466-507.		0
15	Tumor collision of uterine adenocarcinoma and leiomyosarcoma in a goat. Journal of Veterinary Diagnostic Investigation, 2017, 29, 696-699.	0.5	10
16	Infertility associated with the absence of endometrial progesterone receptors in a bitch. Reproduction in Domestic Animals, 2017, 52, 174-178.	0.6	3
17	Surgery of the Bovine Reproductive System and Urinary Tract. , 2017, , 439-503.		4
18	The association of plasma glucose, BHBA, and NEFA with postpartum uterine diseases, fertility, and milk production of Holstein dairy cows. Theriogenology, 2017, 88, 270-282.	0.9	44

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19	Uterine and systemic inflammation influences ovarian follicular function in postpartum dairy cows. PLoS ONE, 2017, 12, e0177356.	1.1	34
20	PreImplantation factor (PIF) protects cultured embryos against oxidative stress: relevance for recurrent pregnancy loss (RPL) therapy. Oncotarget, 2017, 8, 32419-32432.	0.8	15
21	Development of a peripheral nerve stimulator-guided technique for equine pudendal nerve blockade. Veterinary Journal, 2016, 217, 72-77.	0.6	11
22	Unilateral autoimmune orchitis with concurrent contralateral testicular atrophy in a twoâ€yearâ€old Newfoundland dog. Veterinary Record Case Reports, 2016, 4, e000277.	0.1	2
23	Management of Reproductive Disease inÂDairy Cows. Veterinary Clinics of North America - Food Animal Practice, 2016, 32, 387-410.	0.5	38
24	Dynamics of postpartum endometrial cytology and bacteriology and their relationship to fertility in dairy cows. Theriogenology, 2016, 85, 1367-1374.	0.9	53
25	Effects of monensin and starch level in early lactation diets on indices of immune function in dairy cows. Journal of Dairy Science, 2016, 99, 1351-1363.	1.4	9
26	Metabolic and Endocrine Differences Between Dairy Cows That Do or Do Not Ovulate First Postpartum Dominant Follicles 1. Biology of Reproduction, 2016, 94, 18.	1,2	31
27	Associations among Trueperella pyogenes, endometritis diagnosis, and pregnancy outcomes in dairy cows. Theriogenology, 2016, 85, 267-274.	0.9	48
28	Microgrooves and fluid flows provide preferential passageways for sperm over pathogen <i>Tritrichomonas foetus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5431-5436.	3.3	79
29	The effect of intrauterine infusion of dextrose on clinical endometritis cure rate and reproductive performance of dairy cows. Journal of Dairy Science, 2015, 98, 3849-3858.	1.4	25
30	Subcutaneous Immunization with Inactivated Bacterial Components and Purified Protein of Escherichia coli, Fusobacterium necrophorum and Trueperella pyogenes Prevents Puerperal Metritis in Holstein Dairy Cows. PLoS ONE, 2014, 9, e91734.	1.1	62
31	Effect of dietary conjugated linoleic acid (CLA) on the metabolism and reproduction of dairy cows. South African Journal of Animal Sciences, 2014, 43, 33.	0.2	8
32	Short communication: Relationship between natural antibodies and postpartum uterine health in dairy cows. Journal of Dairy Science, 2014, 97, 7674-7678.	1.4	10
33	Bilateral Sertoli and Interstitial Cell Tumours in Abdominal Testes of a Goat with Polled Intersex Syndrome (<scp>PIS</scp>). Reproduction in Domestic Animals, 2014, 49, e64-9.	0.6	2
34	Effect of trace mineral supplementation on selected minerals, energy metabolites, oxidative stress, and immune parameters and its association with uterine diseases in dairy cattle. Journal of Dairy Science, 2014, 97, 4281-4295.	1.4	46
35	Effects of hydroxy trace minerals on oxidative metabolism, cytological endometritis, and performance of transition dairy cows. Journal of Dairy Science, 2014, 97, 3728-3738.	1.4	13
36	Invited review: Systematic review of diagnostic tests for reproductive-tract infection and inflammation in dairy cows. Journal of Dairy Science, 2014, 97, 3983-3999.	1.4	84

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37	Preimplantation embryo metabolism and culture systems: experience from domestic animals and clinical implications. Journal of Assisted Reproduction and Genetics, 2014, 31, 393-409.	1.2	34
38	Associations of cytological endometritis with energy metabolism and inflammation during the periparturient period and early lactation in dairy cows. Journal of Dairy Science, 2014, 97, 2763-2770.	1.4	30
39	The effect of injectable trace minerals (selenium, copper, zinc, and manganese) on peripheral blood leukocyte activity and serum superoxide dismutase activity of lactating Holstein cows. Veterinary Journal, 2014, 200, 299-304.	0.6	42
40	The effects of conjugated linoleic acid isomers cis-9,trans-11 and trans-10,cis-12 on in vitro bovine embryo production and cryopreservation. Journal of Dairy Science, 2014, 97, 6164-6176.	1.4	21
41	Individual and combined effects of anovulation and cytological endometritis on the reproductive performance of dairy cows. Journal of Dairy Science, 2014, 97, 5415-5425.	1.4	23
42	Effects of chromium propionate supplementation during the periparturient period and early lactation on metabolism, performance, and cytological endometritis in dairy cows. Journal of Dairy Science, 2014, 97, 6400-6410.	1.4	27
43	The effect of sire predicted transmitting ability for production traits on fertility, survivability, and health of Holstein dairy cows. Theriogenology, 2014, 81, 257-265.	0.9	4
44	Insight into PreImplantation Factor (PIF*) Mechanism for Embryo Protection and Development: Target Oxidative Stress and Protein Misfolding (PDI and HSP) through Essential RIPK Binding Site. PLoS ONE, 2014, 9, e100263.	1.1	33
45	Massive vulvar edema in 2 prepartum dairy cows. Canadian Veterinary Journal, 2014, 55, 462-5.	0.0	1
46	Effect of an injectable trace mineral supplement containing selenium, copper, zinc, and manganese on the health and production of lactating Holstein cows. Veterinary Journal, 2013, 197, 451-456.	0.6	66
47	Preovulatory progestagen treatment in mares fails to delay ovulation. Veterinary Journal, 2013, 197, 324-328.	0.6	19
48	Canine seminal plasma: Transport medium or signaling agent?. Veterinary Journal, 2013, 195, 131-132.	0.6	0
49	Effects of conjugated linoleic acids on prostaglandin secretion by bovine endometrial epithelial cells in vitro. American Journal of Veterinary Research, 2013, 74, 491-498.	0.3	2
50	The effects of endometritis on the establishment of pregnancy in cattle. Reproduction, Fertility and Development, 2012, 24, 252.	0.1	102
51	A novel diagnostic technique to determine uterine health of Holstein cows at 35 days postpartum. Journal of Dairy Science, 2012, 95, 1349-1357.	1.4	20
52	The effect of intrauterine administration of mannose or bacteriophage on uterine health and fertility of dairy cows with special focus on Escherichia coli and Arcanobacterium pyogenes. Journal of Dairy Science, 2012, 95, 3100-3109.	1.4	29
53	Effect of mastitis during the first lactation on production and reproduction performance of Holstein cows. Tropical Animal Health and Production, 2012, 44, 1567-1573.	0.5	11
54	Investigation of postpartum dairy cows' uterine microbial diversity using metagenomic pyrosequencing of the 16S rRNA gene. Veterinary Microbiology, 2012, 159, 460-469.	0.8	113

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55	Theriogenology Question of the Month. Journal of the American Veterinary Medical Association, 2012, 241, 439-442.	0.2	0
56	Evaluation of cytokine expression by blood monocytes of lactating Holstein cows with or without postpartum uterine disease. Theriogenology, 2012, 77, 356-372.	0.9	61
57	Use of reagent test strips for diagnosis of endometritis in dairy cows. Theriogenology, 2012, 77, 858-864.	0.9	43
58	Effects of diagnostic low-volume uterine lavage shortly before first service on reproductive performance, culling and milk production. Theriogenology, 2012, 77, 1217-1222.	0.9	5
59	Association between virulence factors of Escherichia coli, Fusobacterium necrophorum, and Arcanobacterium pyogenes and uterine diseases of dairy cows. Veterinary Microbiology, 2012, 157, 125-131.	0.8	132
60	Association between endometritis and endometrial cytokine expression in postpartum Holstein cows. Theriogenology, 2011, 76, 290-299.	0.9	129
61	Cow-level and herd-level risk factors for subclinical endometritis in lactating Holstein cows. Journal of Dairy Science, 2011, 94, 762-770.	1.4	116
62	Association between interleukin-8 receptor- \hat{l}_{\pm} (CXCR1) polymorphism and disease incidence, production, reproduction, and survival in Holstein cows. Journal of Dairy Science, 2011, 94, 2083-2091.	1.4	27
63	Metagenomic analysis of the uterine bacterial microbiota in healthy and metritic postpartum dairy cows. Journal of Dairy Science, 2011, 94, 291-302.	1.4	131
64	PreImplantation Factor (PIF) correlates with early mammalian embryo development-bovine and murine models. Reproductive Biology and Endocrinology, 2011, 9, 63.	1.4	49
65	Antimicrobial resistance and presence of virulence factor genes in Arcanobacterium pyogenes isolated from the uterus of postpartum dairy cows. Veterinary Microbiology, 2010, 145, 84-89.	0.8	91
66	Specific Strains of Escherichia coli Are Pathogenic for the Endometrium of Cattle and Cause Pelvic Inflammatory Disease in Cattle and Mice. PLoS ONE, 2010, 5, e9192.	1.1	224
67	Calcium, parathyroid hormone, oxytocin and pH profiles in the whelping bitch. Theriogenology, 2010, 73, 1276-1283.	0.9	23
68	Susceptibility of Escherichia coli isolated from uteri of postpartum dairy cows to antibiotic and environmental bacteriophages. Part I: Isolation and lytic activity estimation of bacteriophages. Journal of Dairy Science, 2010, 93, 93-104.	1.4	23
69	Susceptibility of Escherichia coli isolated from uteri of postpartum dairy cows to antibiotic and environmental bacteriophages. Part II: In vitro antimicrobial activity evaluation of a bacteriophage cocktail and several antibiotics. Journal of Dairy Science, 2010, 93, 105-114.	1.4	27
70	Association between uterine disease and indicators of neutrophil and systemic energy status in lactating Holstein cows. Journal of Dairy Science, 2010, 93, 2926-2937.	1.4	179
71	Molecular and epidemiological characterization of bovine intrauterine Escherichia coli. Journal of Dairy Science, 2010, 93, 5818-5830.	1.4	93
72	Teaching Dairy Production Medicine to Entry-Level Veterinarians: The Summer Dairy Institute Model. Journal of Veterinary Medical Education, 2009, 36, 16-21.	0.4	2

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73	Mechanisms of Infertility Associated with Clinical and Subclinical Endometritis in High Producing Dairy Cattle. Reproduction in Domestic Animals, 2009, 44, 1-9.	0.6	185
74	Effect of Early Postpartum Ovulation on Fertility in Dairy Cows. Reproduction in Domestic Animals, 2009, 45, e207-11.	0.6	56
75	Postpartum endometrial cytology in beef cows. Theriogenology, 2009, 71, 739-745.	0.9	43
76	Interrelationship of growth hormone Alul polymorphism and hyperketonemia with plasma hormones and metabolites in the beginning of lactation in dairy cows. Livestock Science, 2009, 123, 180-186.	0.6	8
77	Effect of peripartum dietary energy supplementation of dairy cows on metabolites, liver function and reproductive variables. Animal Reproduction Science, 2009, 112, 301-315.	0.5	33
78	Effect of prostaglandin F2α on subclinical endometritis and fertility in dairy cows. Journal of Dairy Science, 2009, 92, 4906-4913.	1.4	90
79	Expression of genes associated with immunity in the endometrium of cattle with disparate postpartum uterine disease and fertility. Reproductive Biology and Endocrinology, 2009, 7, 55.	1.4	157
80	Reduced quality of bovine embryos cultured in media conditioned by exposure to an inflamed endometrium. Australian Veterinary Journal, 2008, 86, 312-316.	0.5	75
81	Reproductive Diseases., 2008,, 395-446.		7
82	Characterization of a cysteine protease from Tritrichomonas foetus that induces host-cell apoptosis. Archives of Biochemistry and Biophysics, 2008, 477, 239-243.	1.4	10
83	Induction of human host cell apoptosis by Trichomonas vaginalis cysteine proteases is modulated by parasite exposure to iron. Microbial Pathogenesis, 2008, 44, 197-203.	1.3	45
84	Ovarian follicular cells have innate immune capabilities that modulate their endocrine function. Reproduction, 2007, 134, 683-693.	1.1	286
85	Relationship of pre-ovulatory follicle size, estradiol concentrations and season to pregnancy outcome in dairy cows. Animal Reproduction Science, 2007, 99, 34-43.	0.5	87
86	Effect of Stillbirths on Dam Survival and Reproduction Performance in Holstein Dairy Cows. Journal of Dairy Science, 2007, 90, 2797-2803.	1.4	88
87	Evaluation of the Mechanism of Action of Conjugated Linoleic Acid Isomers on Reproduction in Dairy Cows. Journal of Dairy Science, 2007, 90, 4253-4264.	1.4	62
88	Effects of Feeding Fish Meal and n-3 Fatty Acids on Milk Yield and Metabolic Responses in Early Lactating Dairy Cows. Journal of Dairy Science, 2007, 90, 136-144.	1.4	35
89	Effects of Feeding Fish Meal and n-3 Fatty Acids on Ovarian and Uterine Responses in Early Lactating Dairy Cows. Journal of Dairy Science, 2007, 90, 145-154.	1.4	58
90	Detrimental effects of high plasma urea nitrogen levels on viability of embryos from lactating dairy cows. Animal Reproduction Science, 2006, 91, 1-10.	0.5	82

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91	Defining postpartum uterine disease in cattle. Theriogenology, 2006, 65, 1516-1530.	0.9	992
92	Trichomonas vaginalis Lipophosphoglycan Triggers a Selective Upregulation of Cytokines by Human Female Reproductive Tract Epithelial Cells. Infection and Immunity, 2006, 74, 5773-5779.	1.0	133
93	Quantitative trait loci for hip dysplasia in a crossbreed canine pedigree. Mammalian Genome, 2005, 16, 720-730.	1.0	64
94	In vitro cytopathic effects of a cysteine protease of Tritrichomonas foetus on cultured bovine uterine epithelial cells. American Journal of Veterinary Research, 2005, 66, 1181-1186.	0.3	23
95	ACID-BASE, BLOOD GAS, AND PHYSIOLOGIC PARAMETERS DURING LAPAROSCOPY IN THE HEAD-DOWN POSITION IN WHITE-TAILED DEER (ODOCOILEUS VIRGINIANUS). Journal of Zoo and Wildlife Medicine, 2005, 36, 642-647.	0.3	12
96	Identification of Trichomonas vaginalis Cysteine Proteases That Induce Apoptosis in Human Vaginal Epithelial Cells. Journal of Biological Chemistry, 2005, 280, 23853-23860.	1.6	105
97	Prevalence of endometritis and its effects on reproductive performance of dairy cows. Theriogenology, 2005, 64, 1879-1888.	0.9	494
98	Levels of Continuing Veterinary Medical Education Program Evaluation: Assessing a Course on Dairy Reproductive Management. Journal of Veterinary Medical Education, 2004, 31, 146-153.	0.4	7
99	The Opportunities Map at Cornell University: Finding Direction in Dairy Production Medicine. Journal of Veterinary Medical Education, 2004, 31, 384-386.	0.4	2
100	Tritrichomonas foetus Induces Apoptotic Cell Death in Bovine Vaginal Epithelial Cells. Infection and Immunity, 2004, 72, 4151-4158.	1.0	49
101	Effects of Urea Infusion on the Uterine Luminal Environment of Dairy Cows. Journal of Dairy Science, 2004, 87, 2896-2901.	1.4	39
102	Genetic Structure of Susceptibility Traits for Hip Dysplasia and Microsatellite Informativeness of an Outcrossed Canine Pedigree., 2003, 94, 39-48.		44
103	Power of a Labrador Retriever-Greyhound pedigree for linkage analysis of hip dysplasia and osteoarthritis. American Journal of Veterinary Research, 2003, 64, 418-424.	0.3	30
104	Quantitative genetics of traits associated with hip dysplasia in a canine pedigree constructed by mating dysplastic Labrador Retrievers with unaffected Greyhounds. American Journal of Veterinary Research, 2002, 63, 1029-1035.	0.3	29
105	Leukocytes trapped in the fetal membranes of newborn foals. Theriogenology, 2002, 58, 787-790.	0.9	3
106	In-House Caseload and Education of Veterinary Students in Production Animal Medicine. Journal of Veterinary Internal Medicine, 2002, 16, 5-6.	0.6	2
107	Cytopathogenic Effect of Trichomonas vaginalis on Human Vaginal Epithelial Cells Cultured In Vitro. Infection and Immunity, 2000, 68, 4200-4206.	1.0	91
108	An outcrossed canine pedigree for linkage analysis of hip dysplasia. , 1999, 90, 83-92.		46

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109	Detection of bovine immunodeficiency virus DNA in the blood and semen of experimentally infected bulls. Veterinary Microbiology, 1999, 70, 21-31.	0.8	19
110	Incidence of endometritis and effects on reproductive performance of dairy cows. Theriogenology, 1998, 49, 251.	0.9	47
111	The effect of bovine seminal plasma on the function and integrity of bovine neutrophils. Theriogenology, 1996, 46, 649-658.	0.9	11
112	Myeloid and Megakaryocytic Hypoplasia in Related Standardbreds. Journal of Veterinary Internal Medicine, 1995, 9, 315-323.	0.6	24
113	Tube Cystostomy for Treatment of Obstructive Urolithiasis in Small Ruminants. Veterinary Surgery, 1995, 24, 498-505.	0.5	73
114	Postpartum anestrus in French beef cattle: An epidemiological study. Theriogenology, 1994, 42, 753-764.	0.9	21
115	Detection of bovine leukocyte adhesion deficiency by nonisotopic ligase chain reaction. Animal Genetics, 1994, 25, 95-98.	0.6	4
116	Impaired post partum neutrophil function in cows which retain fetal membranes. Research in Veterinary Science, 1993, 55, 15-19.	0.9	34
117	Effect of parity on periparturient neutrophil function in dairy cows. Veterinary Immunology and Immunopathology, 1993, 36, 75-82.	0.5	87
118	Pharmacologic Considerations in the Management of Peripartum Conditions in the Cow. Veterinary Clinics of North America - Food Animal Practice, 1992, 8, 29-56.	0.5	43
119	Identification and prevalence of a genetic defect that causes leukocyte adhesion deficiency in Holstein cattle Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9225-9229.	3.3	308
120	A field study of patterns of unobserved foetal loss as determined by rectal palpation in foaling, barren and maiden Thoroughbred mares. Equine Veterinary Journal, 1992, 24, 184-186.	0.9	9
121	Absorption of endotoxin (lipopolysaccharide) from the uteri of postpartum dairy cows. Theriogenology, 1990, 33, 1011-1014.	0.9	46
122	Communication between the corpus cavernosum penis and the corpus spongiosum penis in a bull diagnosed by modified contrast cavernosography: A case report. Theriogenology, 1990, 33, 577-581.	0.9	5
123	The effect of endotoxin on luteal function in Holstein heifers. Theriogenology, 1990, 33, 645-651.	0.9	58
124	Uterus bicollis in a Clydesdale mare. Equine Veterinary Journal, 1989, 21, 71-71.	0.9	10
125	Intrauterine death and onset of mummification of a single equine foetus. Equine Veterinary Journal, 1989, 21, 301-302.	0.9	3
126	The effect of endometrial biopsy on ovulatory interval in mares. Theriogenology, 1989, 32, 451-454.	0.9	2

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127	The diagnosis of short penis as a cause of impotentia coeundi in bulls. Theriogenology, 1989, 32, 805-815.	0.9	4
128	The integration of the transfer of frozen embryos with artificial insemination in a commercial beef herd. Theriogenology, 1988, 29, 345-351.	0.9	0
129	The transmission of bluetongue virus by embryo transfer in sheep. Theriogenology, 1987, 27, 527-540.	0.9	14
130	Congenital hyperlipaemia in a Shetland pony foal. Equine Veterinary Journal, 1986, 18, 498-500.	0.9	14
131	Successful transfer of embryos recovered from a cow with chronic cervicitis of mixed aerobic and anaerobic bacterial aetiology a case report. Theriogenology, 1985, 23, 593-596.	0.9	1