Pedro Melendez

List of Publications by Year
in descending order

87 papers	1,780 citations	236912 25 h-index	302107 39 g-index
88 all docs	88 docs citations	88 times ranked	1451 citing authors

#	Article	IF	Citations
1	Rectal Temperature, Calving-Related Factors, and the Incidence of Puerperal Metritis in Postpartum Dairy Cows. Journal of Dairy Science, 2007, 90, 2804-2814.	3.4	125
2	The association between lameness, ovarian cysts and fertility in lactating dairy cows. Theriogenology, 2003, 59, 927-937.	2.1	115
3	Hot topic: 16S rRNA gene sequencing reveals the microbiome of the virgin and pregnant bovine uterus. Journal of Dairy Science, 2017, 100, 4953-4960.	3.4	100
4	Farm- and host-level risk factors for papillomatous digital dermatitis in Chilean dairy cattle. Preventive Veterinary Medicine, 1999, 42, 87-97.	1.9	86
5	Association between CARD15/NOD2 gene polymorphisms and paratuberculosis infection in cattle. Veterinary Microbiology, 2009, 134, 346-352.	1.9	86
6	Candidate gene polymorphisms (BoIFNG, TLR4, SLC11A1) as risk factors for paratuberculosis infection in cattle. Preventive Veterinary Medicine, 2009, 91, 189-196.	1.9	70
7	Uterine Involution and Fertility of Holstein Cows Subsequent to Early Postpartum PGF2Î± Treatment for Acute Puerperal Metritis. Journal of Dairy Science, 2004, 87, 3238-3246.	3.4	60
8	Resynchronization of ovulation and timed insemination in lactating dairy cows. Theriogenology, 2005, 63, 1617-1627.	2.1	48
9	Resynchronization of ovulation and timed insemination in lactating dairy cows, II: assigning protocols according to stages of the estrous cycle, or presence of ovarian cysts or anestrus. Theriogenology, 2005, 63, 1628-1642.	2.1	48
10	Papillomatous digital dermatitis in Chilean dairies and evaluation of a screening method. Preventive Veterinary Medicine, 1998, 37, 197-207.	1.9	44
11	Effect of high somatic cell counts on reproductive performance of Chilean dairy cattle. Journal of Dairy Science, 2009, 92, 1575-1580.	3.4	44
12	Milk Urea Nitrogen and Infertility in Florida Holstein Cows. Journal of Dairy Science, 2000, 83, 459-463.	3.4	43
13	Metabolic Responses of Transition Holstein Cows Fed Anionic Salts and Supplemented at Calving with Calcium and Energy. Journal of Dairy Science, 2002, 85, 1085-1092.	3.4	42
14	The Association Between Reproductive Performance and Milk Yield in Chilean Holstein Cattle. Journal of Dairy Science, 2007, 90, 184-192.	3.4	42
15	Association among Results of Serum ELISA, Faecal Culture and Nested PCR on Milk, Blood and Faeces for the Detection of Paratuberculosis in Dairy Cows. Transboundary and Emerging Diseases, 2008, 55, 125-133.	3.0	40
16	Strategies for the diagnosis and treatment of ovarian cysts in dairy cattle. Journal of the American Veterinary Medical Association, 2005, 227, 1409-1414.	0.5	38
17	A retrospective study on the association between different lengths of the dry period and subclinical mastitis, milk yield, reproductive performance, and culling in Chilean dairy cows. Journal of Dairy Science, 2011, 94, 106-115.	3.4	36
18	Effect of calcium-energy supplements on calving-related disorders, fertility and milk yield during the transition period in cows fed anionic diets. Theriogenology, 2003, 60, 843-854.	2.1	32

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19	Relationship between serum nonesterified fatty acids at calving and the incidence of periparturient diseases in Holstein dairy cows. Theriogenology, 2009, 72, 826-833.	2.1	32
20	Safety and efficacy of a mesenchymal stem cell intramammary therapy in dairy cows with experimentally induced Staphylococcus aureus clinical mastitis. Scientific Reports, 2020, 10, 2843.	3.3	30
21	Strategic use of gonadotrophin-releasing hormone (GnRH) to increase pregnancy rate and reduce pregnancy loss in lactating dairy cows subjected to synchronization of ovulation and timed insemination. Theriogenology, 2005, 63, 1026-1037.	2.1	29
22	Comparison of Two Estrus-Synchronization Protocols and Timed Artificial Insemination in Dairy Cattle. Journal of Dairy Science, 2006, 89, 4567-4572.	3.4	29
23	Plasma mineral and energy metabolite concentrations in dairy cows fed an anionic prepartum diet that did or did not have retained fetal membranes after parturition. American Journal of Veterinary Research, 2004, 65, 1071-1076.	0.6	28
24	Synchronization and resynchronization of inseminations in lactating dairy cows with the CIDR insert and the Ovsynch protocol. Theriogenology, 2009, 72, 869-878.	2.1	28
25	Comparison of synchronization of ovulation with timed insemination and exogenous progesterone as therapeutic strategies for ovarian cysts in lactating dairy cows. Theriogenology, 2006, 65, 1563-1574.	2.1	25
26	Effect of repeated administration of PGF2Î± in the early post partum period on the prevalence of clinical endometritis and probability of pregnancy at first insemination in lactating dairy cows. Theriogenology, 2006, 65, 1454-1464.	2.1	24
27	Effect of biostimulation on uterine involution, early ovarian activity and first postpartum estrous cycle in beef cows. Theriogenology, 2004, 61, 1521-1532.	2.1	21
28	Seroprevalence estimation and management factors associated with high herd seropositivity for Anaplasma marginale in commercial dairy farms of Puerto Rico. Tropical Animal Health and Production, 2009, 41, 1439-1448.	1.4	19
29	Economic Comparison of Timed Artificial Insemination and Exogenous Progesterone as Treatments for Ovarian Cysts. Journal of Dairy Science, 2006, 89, 3028-3037.	3.4	18
30	Diagnostic Accuracy of Methods for Detecting Anaplasma Marginale Infection in Lactating Dairy Cattle of Puerto Rico. Journal of Veterinary Diagnostic Investigation, 2010, 22, 192-199.	1.1	18
31	Incidence of subclinical ketosis in cows supplemented with a monensin controlled-release capsule in Holstein cattle, Florida, USA. Preventive Veterinary Medicine, 2006, 73, 33-42.	1.9	17
32	Seroprevalence estimation and management factors associated with high herd seropositivity for Babesia bovis in commercial dairy farms of Puerto Rico. Tropical Animal Health and Production, 2009, 41, 1465-1473.	1.4	16
33	The effect of an organic rumen-protected fat supplement on performance, metabolic status, and health of dairy cows. BMC Veterinary Research, 2019, 15, 450.	1.9	16
34	Risk factors for udder edema and its association with lactation performance on primiparous Holstein cows in a large Florida herd, U.S.A.. Preventive Veterinary Medicine, 2006, 76, 211-221.	1.9	15
35	Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle. Journal of the American Veterinary Medical Association, 2003, 223, 628-634.	0.5	13
36	Effect of biostimulation on the expression of estrus in postpartum Angus cows. Theriogenology, 2006, 66, 710-716.	2.1	13

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37	Association between milk production and treatment response of ovarian cysts in lactating dairy cows using the Ovsynch protocol. Theriogenology, 2006, 66, 1243-1248.	2.1	13
38	Use of milk electrical conductivity for the differentiation of mastitis causing pathogens in Holstein cows. Animal, 2020, 14, 588-596.	3.3	13
39	Management of Transition Cows to Optimize Reproductive Efficiency in Dairy Herds. Veterinary Clinics of North America - Food Animal Practice, 2005, 21, 485-501.	1.2	12
40	The effect of a monensin controlled-release capsule on the incidence of retained fetal membranes, milk yield and reproductive responses in Holstein cows. Theriogenology, 2006, 66, 234-241.	2.1	12
41	Effect of a Monensin Controlled-Release Capsule on Rumen and Blood Metabolites in Florida Holstein Transition Cows. Journal of Dairy Science, 2004, 87, 4182-4189.	3.4	11
42	Effect of ghrelin in dry matter intake and energy metabolism in prepartum sheep: A preliminary study. Theriogenology, 2006, 66, 1961-1968.	2.1	11
43	Effect of administration of a controlled-release monensin capsule on incidence of calving-related disorders, fertility, and milk yield in dairy cows. American Journal of Veterinary Research, 2006, 67, 537-543.	0.6	11
44	A Dairy Herd Case Investigation with Very Low Dietary Cationâ€“Anion Difference in Prepartum Dairy Cows. Frontiers in Nutrition, 2017, 4, 26.	3.7	11
45	Conjugated linoleic acid content and fatty acids profile of milk from grazing dairy cows in southern Chile fed varying amounts of concentrate. Journal of Applied Animal Research, 2018, 46, 150-154.	1.2	11
46	Induction of ovulation in nonlactating dairy cows and heifers using different doses of a deslorelin implant. Theriogenology, 2004, 61, 407-419.	2.1	10
47	The effect of a product with three gluconeogenic precursors during the transition period on blood metabolites and milk yield in Chilean Holstein cattle. Journal of Applied Animal Research, 2018, 46, 613-617.	1.2	10
48	The association of prepartum urine pH, plasma total calcium concentration at calving and postpartum diseases in Holstein dairy cattle. Animal, 2021, 15, 100148.	3.3	10
49	Pre-partum monensin supplementation improves body reserves at calving and milk yield in Holstein cows dried-off with low body condition score. Research in Veterinary Science, 2007, 82, 349-357.	1.9	9
50	An outbreak of Neospora caninum abortion in a dairy herd from the State of Georgia, United States. Veterinary Medicine and Science, 2021, 7, 141-147.	1.6	9
51	An outbreak of sand impaction in postpartum dairy cows. Canadian Veterinary Journal, 2007, 48, 1067-70.	0.0	9
52	Effect of biostimulation and social organization on the interval from calving to resumption of ovarian cyclicity in postpartum Angus cows. Theriogenology, 2013, 79, 1041-1044.	2.1	8
53	Herd-level ELISA seroprevalence of bovine viral diarrhea antibodies in bulk-tank milk in Chilean dairy herds. Preventive Veterinary Medicine, 2003, 60, 237-241.	1.9	7
54	Association between ecological factors and the presence of Rhipicephalus (Boophilus) microplus larvae in Puerto Rico. Experimental and Applied Acarology, 2012, 58, 145-157.	1.6	7

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55	Effect of ghrelin on feed intake and metabolites in lambs. Appetite, 2012, 58, 758-759.	3.7	7
56	The association between serum ÃŸ-hydroxybutyrate and milk fatty acid profile with special emphasis on conjugated linoleic acid in postpartum Holstein cows. BMC Veterinary Research, 2016, 12, 50.	1.9	7
57	Retrospective evaluation of milk production and culling risk following either surgical, toggle-pin suture or conservative treatment of left displaced abomasum in Chilean dairy cows. New Zealand Veterinary Journal, 2017, 65, 292-296.	0.9	7
58	Ultrasonographic ovarian dynamic, plasma progesterone, and non-esterified fatty acids in lame postpartum dairy cows. Journal of Veterinary Science, 2018, 19, 462.	1.3	7
59	Strategies for the treatment of dairy cows at high risk for postpartum metritis and for the treatment of clinical endometritis in Argentina. Tropical Animal Health and Production, 2014, 46, 79-85.	1.4	6
60	Technical note: Evaluation of fine needle aspiration cytology for the diagnosis of fatty liver in dairy cattle. Journal of Dairy Science, 2018, 101, 4483-4490.	3.4	6
61	Efficacy of non-antibiotic treatment options for digital dermatitis on an organic dairy farm. Veterinary Journal, 2020, 255, 105417.	1.7	6
62	Characterization of estrus detection, conception and pregnancy risk of Holstein cattle from the central area of Chile. Theriogenology, 2008, 70, 631-637.	2.1	5
63	The Association between Total Mixed Ration Particle Size and Fecal Scores in Holstein Lactating Dairy Cows from Florida, USA. American Journal of Animal and Veterinary Sciences, 2016, 11, 33-40.	0.5	5
64	Association between disease occurrence and fertility of dairy cows in three geographic regions of Chile. Theriogenology, 2016, 86, 817-823.	2.1	5
65	Relationships among quarter milk leukocyte proportions and cow and quarter-level variables under different intramammary infection statuses. Translational Animal Science, 2018, 2, 231-240.	1.1	5
66	Genome-wide study to detect single nucleotide polymorphisms associated with visceral and subcutaneous fat deposition in Holstein dairy cows. Animal, 2019, 13, 487-494.	3.3	5
67	Associations between postpartum diseases and milk yield and changes in body condition between drying off and parturition of dairy cows in Argentina. New Zealand Veterinary Journal, 2020, 68, 297-303.	0.9	5
68	Effect of diets containing sulfate or chloride-based anionic salts, fed to grazing prepartum dairy cows, on concentrations of Ca in plasma, disease incidence and milk yield. New Zealand Veterinary Journal, 2019, 67, 79-85.	0.9	4
69	Effects of milk replacer feeding rate and frequency of preweaning dairy calves in the southeastern United States: Performance, abomasal emptying, and nutrient digestibility. Journal of Dairy Science, 2022, 105, 1150-1169.	3.4	4
70	Effect of dry beet pulp on milk yield and milk composition in Chilean Holstein cows. Journal of Applied Animal Research, 2015, 43, 261-265.	1.2	3
71	Effect of fish oil and canola oil supplementation on immunological parameters, feed intake, and growth of Holstein calves. Journal of Dairy Science, 2022, , .	3.4	3
72	Outbreak of clostridial abomasitis in dairy calves. Veterinary Record Case Reports, 2018, 6, e000573.	0.2	2

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73	Evaluation of cervical and uterine size, at 4Âweeks postpartum, as a predictor of subsequent fertility in Jersey cattle. Reproduction in Domestic Animals, 2020, 55, 915-921.	1.4	2
74	Comparison between linseed expeller and canola expeller on concentrate intake, and circulating inflammatory mediators in Holstein calves. Animal Nutrition, 2020, 6, 47-53.	5.1	2
75	The effect of oral calcium boluses at parturition on blood metabolites and milk yield in grazing Holstein cattle. Livestock Science, 2021, 248, 104510.	1.6	2
76	Avances sobre nutriciÃ³n y fertilidad en ganado lechero: RevisiÃ³n. Revista Mexicana De Ciencias Pecuarias, 2017, 8, 407.	0.4	2
77	Perfil de Ã¡cidos grasos lÃ¡cteos en vacas lecheras postparto alimentadas con soiling o ensilaje de alfalfa bajo sistema de confinamiento. Archivos De Medicina Veterinaria, 2016, 48, 29-36.	0.2	1
78	Effect of Saccharomyces cerevisiae and Mannan-Oligosaccharides on Daily Weight Gain and Health of Pre-Weaned Holstein Calves in Chile. American Journal of Animal and Veterinary Sciences, 2018, 13, 1-6.	0.5	1
79	Association between blood Î²-hydroxybutyrate at 7 days postpartum and milk yield, disease occurrence and fertility in grazing dairy cattle with seasonal calving: a case study. Animal Production Science, 2020, 60, 1737.	1.3	1
80	A milkâ€line sampling system to detect foodborne pathogens: A field case investigation from the United States and Argentina. Veterinary Medicine and Science, 2021, 7, 1276-1279.	1.6	1
81	Effect of a very low negative dietary cation-anion difference (DCAD) diet on plasma and urine metabolomics of prepartum Holstein cows. JDS Communications, 2022, 3, 59-65.	1.5	1
82	Efecto de monensina intraruminal sobre el Î²-hidroxibutirato, enfermedades del periparto, producciÃ³n de leche y sus componentes en ganado Holstein. Revista Mexicana De Ciencias Pecuarias, 2019, 10, 84-103.	0.4	1
83	Reproduction, Events and Management | Pregnancy: Periparturient Disorders. , 2002, , 514-519.		0
84	Ãcidos grasos no esterificados al parto y su relaciÃ³n con producciÃ³n lechera en vacas Holstein. Archivos De Zootecnia, 2011, 60, 257-264.	0.1	0
85	Atypical hydrocephalus in an Angus herd in Missouri, USA. Veterinary Record Case Reports, 2017, 5, e000537.	0.2	0
86	Effect of milk replacer feeding rate and frequency of preweaned dairy calves in the southeastern United States: Glucose metabolism. Journal of Dairy Science, 2021, , .	3.4	0
87	Genomic Analysis of Visceral Fat Accumulation in Holstein Cows. Frontiers in Genetics, 2021, 12, 803216.	2.3	0