

Pedro Melendez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

1,353
citations

22
h-index

34
g-index

88
ext. papers

1,546
ext. citations

2.5
avg, IF

4.06
L-index

#	Paper	IF	Citations
80	Genomic Analysis of Visceral Fat Accumulation in Holstein Cows.. <i>Frontiers in Genetics</i> , 2021 , 12, 803216	4.5	
79	The association of prepartum urine pH, plasma total calcium concentration at calving and postpartum diseases in Holstein dairy cattle. <i>Animal</i> , 2021 , 15, 100148	3.1	0
78	A milk-line sampling system to detect foodborne pathogens: A field case investigation from the United States and Argentina. <i>Veterinary Medicine and Science</i> , 2021 , 7, 1276-1279	2.1	1
77	The effect of oral calcium boluses at parturition on blood metabolites and milk yield in grazing Holstein cattle. <i>Livestock Science</i> , 2021 , 248, 104510	1.7	0
76	An outbreak of <i>Neospora caninum</i> abortion in a dairy herd from the State of Georgia, United States. <i>Veterinary Medicine and Science</i> , 2021 , 7, 141-147	2.1	2
75	Associations between postpartum diseases and milk yield and changes in body condition between drying off and parturition of dairy cows in Argentina. <i>New Zealand Veterinary Journal</i> , 2020 , 68, 297-303	1.7	0
74	Evaluation of cervical and uterine size, at 4 weeks postpartum, as a predictor of subsequent fertility in Jersey cattle. <i>Reproduction in Domestic Animals</i> , 2020 , 55, 915-921	1.6	1
73	Comparison between linseed expeller and canola expeller on concentrate intake, and circulating inflammatory mediators in Holstein calves. <i>Animal Nutrition</i> , 2020 , 6, 47-53	4.8	1
72	Safety and efficacy of a mesenchymal stem cell intramammary therapy in dairy cows with experimentally induced <i>Staphylococcus aureus</i> clinical mastitis. <i>Scientific Reports</i> , 2020 , 10, 2843	4.9	16
71	Efficacy of non-antibiotic treatment options for digital dermatitis on an organic dairy farm. <i>Veterinary Journal</i> , 2020 , 255, 105417	2.5	3
70	Association between blood β-hydroxybutyrate at 7 days postpartum and milk yield, disease occurrence and fertility in grazing dairy cattle with seasonal calving: a case study. <i>Animal Production Science</i> , 2020 , 60, 1737	1.4	1
69	Use of milk electrical conductivity for the differentiation of mastitis causing pathogens in Holstein cows. <i>Animal</i> , 2020 , 14, 588-596	3.1	2
68	Genome-wide study to detect single nucleotide polymorphisms associated with visceral and subcutaneous fat deposition in Holstein dairy cows. <i>Animal</i> , 2019 , 13, 487-494	3.1	1
67	The effect of an organic rumen-protected fat supplement on performance, metabolic status, and health of dairy cows. <i>BMC Veterinary Research</i> , 2019 , 15, 450	2.7	4
66	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. <i>New Zealand Veterinary Journal</i> , 2019 , 67, 79-85	1.7	2
65	Technical note: Evaluation of fine needle aspiration cytology for the diagnosis of fatty liver in dairy cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 4483-4490	4	2
64	The effect of a product with three gluconeogenic precursors during the transition period on blood metabolites and milk yield in Chilean Holstein cattle. <i>Journal of Applied Animal Research</i> , 2018 , 46, 613-617	1.7	4

63	Outbreak of clostridial abomasitis in dairy calves. <i>Veterinary Record Case Reports</i> , 2018 , 6, e000573	0.2	1
62	Conjugated linoleic acid content and fatty acids profile of milk from grazing dairy cows in southern Chile fed varying amounts of concentrate. <i>Journal of Applied Animal Research</i> , 2018 , 46, 150-154	1.7	6
61	Effect of <i>Saccharomyces cerevisiae</i> and Mannan-Oligosaccharides on Daily Weight Gain and Health of Pre-Weaned Holstein Calves in Chile. <i>American Journal of Animal and Veterinary Sciences</i> , 2018 , 13, 1-6	0.5	1
60	Ultrasonographic ovarian dynamic, plasma progesterone, and non-esterified fatty acids in lame postpartum dairy cows. <i>Journal of Veterinary Science</i> , 2018 , 19, 462-467	1.6	2
59	Relationships among quarter milk leukocyte proportions and cow and quarter-level variables under different intramammary infection statuses. <i>Translational Animal Science</i> , 2018 , 2, 231-240	1.4	5
58	Hot topic: 16S rRNA gene sequencing reveals the microbiome of the virgin and pregnant bovine uterus. <i>Journal of Dairy Science</i> , 2017 , 100, 4953-4960	4	64
57	Atypical hydrocephalus in an Angus herd in Missouri, USA. <i>Veterinary Record Case Reports</i> , 2017 , 5, e000537		
56	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. <i>New Zealand Veterinary Journal</i> , 2017 , 65, 292-296	1.7	5
55	A Dairy Herd Case Investigation with Very Low Dietary Cation-Anion Difference in Prepartum Dairy Cows. <i>Frontiers in Nutrition</i> , 2017 , 4, 26	6.2	5
54	The Association between Total Mixed Ration Particle Size and Fecal Scores in Holstein Lactating Dairy Cows from Florida, USA. <i>American Journal of Animal and Veterinary Sciences</i> , 2016 , 11, 33-40	0.5	1
53	Perfil de ácidos grasos lácteos en vacas lecheras postparto alimentadas con soiling o ensilaje de alfalfa bajo sistema de confinamiento. <i>Archivos De Medicina Veterinaria</i> , 2016 , 48, 29-36		1
52	Association between disease occurrence and fertility of dairy cows in three geographic regions of Chile. <i>Theriogenology</i> , 2016 , 86, 817-23	2.8	5
51	The association between serum β-hydroxybutyrate and milk fatty acid profile with special emphasis on conjugated linoleic acid in postpartum Holstein cows. <i>BMC Veterinary Research</i> , 2016 , 12, 50	2.7	6
50	Effect of dry beet pulp on milk yield and milk composition in Chilean Holstein cows. <i>Journal of Applied Animal Research</i> , 2015 , 43, 261-265	1.7	2
49	Strategies for the treatment of dairy cows at high risk for postpartum metritis and for the treatment of clinical endometritis in Argentina. <i>Tropical Animal Health and Production</i> , 2014 , 46, 79-85	1.7	5
48	Effect of biostimulation and social organization on the interval from calving to resumption of ovarian cyclicity in postpartum Angus cows. <i>Theriogenology</i> , 2013 , 79, 1041-4	2.8	6
47	Association between ecological factors and the presence of <i>Rhipicephalus (Boophilus) microplus</i> larvae in Puerto Rico. <i>Experimental and Applied Acarology</i> , 2012 , 58, 145-57	2.1	7
46	Effect of ghrelin on feed intake and metabolites in lambs. <i>Appetite</i> , 2012 , 58, 758-9	4.5	5

45	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. <i>Journal of Dairy Science</i> , 2011 , 94, 106-15	4	28
44	Diagnostic accuracy of methods for detecting <i>Anaplasma marginale</i> infection in lactating dairy cattle of Puerto Rico. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010 , 22, 192-9	1.5	17
43	Candidate gene polymorphisms (BoIFNG, TLR4, SLC11A1) as risk factors for paratuberculosis infection in cattle. <i>Preventive Veterinary Medicine</i> , 2009 , 91, 189-96	3.1	63
42	Association between CARD15/NOD2 gene polymorphisms and paratuberculosis infection in cattle. <i>Veterinary Microbiology</i> , 2009 , 134, 346-52	3.3	77
41	Seroprevalence estimation and management factors associated with high herd seropositivity for <i>Anaplasma marginale</i> in commercial dairy farms of Puerto Rico. <i>Tropical Animal Health and Production</i> , 2009 , 41, 1439-48	1.7	18
40	Seroprevalence estimation and management factors associated with high herd seropositivity for <i>Babesia bovis</i> in commercial dairy farms of Puerto Rico. <i>Tropical Animal Health and Production</i> , 2009 , 41, 1465-73	1.7	10
39	Relationship between serum nonesterified fatty acids at calving and the incidence of periparturient diseases in Holstein dairy cows. <i>Theriogenology</i> , 2009 , 72, 826-33	2.8	22
38	Synchronization and resynchronization of inseminations in lactating dairy cows with the CIDR insert and the Ovsynch protocol. <i>Theriogenology</i> , 2009 , 72, 869-78	2.8	25
37	Effect of high somatic cell counts on reproductive performance of Chilean dairy cattle. <i>Journal of Dairy Science</i> , 2009 , 92, 1575-80	4	35
36	Association among results of serum ELISA, faecal culture and nested PCR on milk, blood and faeces for the detection of paratuberculosis in dairy cows. <i>Transboundary and Emerging Diseases</i> , 2008 , 55, 125-33	4.2	34
35	Characterization of estrus detection, conception and pregnancy risk of Holstein cattle from the central area of Chile. <i>Theriogenology</i> , 2008 , 70, 631-7	2.8	5
34	Pre-partum monensin supplementation improves body reserves at calving and milk yield in Holstein cows dried-off with low body condition score. <i>Research in Veterinary Science</i> , 2007 , 82, 349-57	2.5	7
33	Rectal temperature, calving-related factors, and the incidence of puerperal metritis in postpartum dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 2804-14	4	91
32	The association between reproductive performance and milk yield in Chilean Holstein cattle. <i>Journal of Dairy Science</i> , 2007 , 90, 184-92	4	27
31	An outbreak of sand impaction in postpartum dairy cows. <i>Canadian Veterinary Journal</i> , 2007 , 48, 1067-70	0.5	9
30	Incidence of subclinical ketosis in cows supplemented with a monensin controlled-release capsule in Holstein cattle, Florida, USA. <i>Preventive Veterinary Medicine</i> , 2006 , 73, 33-42	3.1	14
29	Risk factors for udder edema and its association with lactation performance on primiparous Holstein cows in a large Florida herd, U.S.A. <i>Preventive Veterinary Medicine</i> , 2006 , 76, 211-21	3.1	8
28	Effect of administration of a controlled-release monensin capsule on incidence of calving-related disorders, fertility, and milk yield in dairy cows. <i>American Journal of Veterinary Research</i> , 2006 , 67, 537-43	1.1	10

27	Comparison of two estrus-synchronization protocols and timed artificial insemination in dairy cattle. <i>Journal of Dairy Science</i> , 2006 , 89, 4567-72	4	29
26	Economic comparison of timed artificial insemination and exogenous progesterone as treatments for ovarian cysts. <i>Journal of Dairy Science</i> , 2006 , 89, 3028-37	4	13
25	Effect of repeated administration of PGF2alpha in the early post partum period on the prevalence of clinical endometritis and probability of pregnancy at first insemination in lactating dairy cows. <i>Theriogenology</i> , 2006 , 65, 1454-64	2.8	20
24	Comparison of synchronization of ovulation with timed insemination and exogenous progesterone as therapeutic strategies for ovarian cysts in lactating dairy cows. <i>Theriogenology</i> , 2006 , 65, 1563-74	2.8	21
23	Effect of biostimulation on the expression of estrus in postpartum Angus cows. <i>Theriogenology</i> , 2006 , 66, 710-6	2.8	11
22	The effect of a monensin controlled-release capsule on the incidence of retained fetal membranes, milk yield and reproductive responses in Holstein cows. <i>Theriogenology</i> , 2006 , 66, 234-41	2.8	10
21	Association between milk production and treatment response of ovarian cysts in lactating dairy cows using the Ovsynch protocol. <i>Theriogenology</i> , 2006 , 66, 1243-8	2.8	11
20	Effect of ghrelin in dry matter intake and energy metabolism in prepartum sheep: a preliminary study. <i>Theriogenology</i> , 2006 , 66, 1961-8	2.8	9
19	Management of transition cows to optimize reproductive efficiency in dairy herds. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2005 , 21, 485-501	4.6	10
18	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. <i>Theriogenology</i> , 2005 , 63, 1026-37	2.8	22
17	Resynchronization of ovulation and timed insemination in lactating dairy cows I: use of the Ovsynch and Heatsynch protocols after non-pregnancy diagnosis by ultrasonography. <i>Theriogenology</i> , 2005 , 63, 1617-27	2.8	41
16	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. <i>Theriogenology</i> , 2005 , 63, 1628-42	2.8	41
15	Strategies for the diagnosis and treatment of ovarian cysts in dairy cattle. <i>Journal of the American Veterinary Medical Association</i> , 2005 , 227, 1409-14	1	30
14	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. <i>American Journal of Veterinary Research</i> , 2004 , 65, 1071-6	1.1	21
13	Effect of biostimulation on uterine involution, early ovarian activity and first postpartum estrous cycle in beef cows. <i>Theriogenology</i> , 2004 , 61, 1521-32	2.8	17
12	Induction of ovulation in nonlactating dairy cows and heifers using different doses of a deslorelin implant. <i>Theriogenology</i> , 2004 , 61, 407-19	2.8	10
11	Uterine involution and fertility of holstein cows subsequent to early postpartum PGF2alpha treatment for acute puerperal metritis. <i>Journal of Dairy Science</i> , 2004 , 87, 3238-46	4	48
10	Effect of a monensin controlled-release capsule on rumen and blood metabolites in Florida Holstein transition cows. <i>Journal of Dairy Science</i> , 2004 , 87, 4182-9	4	11

9	Milk, plasma, and blood urea nitrogen concentrations, dietary protein, and fertility in dairy cattle. <i>Journal of the American Veterinary Medical Association</i> , 2003 , 223, 628-34	1	11
8	Herd-level ELISA seroprevalence of bovine viral diarrhea antibodies in bulk-tank milk in Chilean dairy herds. <i>Preventive Veterinary Medicine</i> , 2003 , 60, 237-41	3.1	5
7	The association between lameness, ovarian cysts and fertility in lactating dairy cows. <i>Theriogenology</i> , 2003 , 59, 927-37	2.8	90
6	Effect of calcium-energy supplements on calving-related disorders, fertility and milk yield during the transition period in cows fed anionic diets. <i>Theriogenology</i> , 2003 , 60, 843-54	2.8	27
5	Reproduction, Events and Management Pregnancy: Periparturient Disorders 2002 , 514-519		
4	Metabolic responses of transition Holstein cows fed anionic salts and supplemented at calving with calcium and energy. <i>Journal of Dairy Science</i> , 2002 , 85, 1085-92	4	33
3	Milk urea nitrogen and infertility in Florida Holstein cows. <i>Journal of Dairy Science</i> , 2000 , 83, 459-63	4	31
2	Farm- and host-level risk factors for papillomatous digital dermatitis in Chilean dairy cattle. <i>Preventive Veterinary Medicine</i> , 1999 , 42, 87-97	3.1	73
1	Papillomatous digital dermatitis in Chilean dairies and evaluation of a screening method. <i>Preventive Veterinary Medicine</i> , 1998 , 37, 197-207	3.1	40