Jose Ep Santos

List of Publications by Year
in descending order

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247 papers	12,662 citations	20797 60 h-index	34964 98 g-index
254 all docs	254 docs citations	254 times ranked	5353 citing authors

#	Article	IF	Citations
1	The effect of embryonic death rates in cattle on the efficacy of estrus synchronization programs. Animal Reproduction Science, 2004, 82-83, 513-535.	0.5	428
2	Reduced progesterone concentration during growth of the first follicular wave affects embryo quality but has no effect on embryo survival post transfer in lactating dairy cows. Reproduction, 2011, 141, 333-342.	1.1	371
3	Evaluation of peripartal calcium status, energetic profile, and neutrophil function in dairy cows at low or high risk of developing uterine disease. Journal of Dairy Science, 2012, 95, 7158-7172.	1.4	319
4	Pivotal periods for pregnancy loss during the first trimester of gestation in lactating dairy cows. Theriogenology, 2016, 86, 239-253.	0.9	291
5	The association of serum metabolites with clinical disease during the transition period. Journal of Dairy Science, 2011, 94, 4897-4903.	1.4	284
6	Risk factors for resumption of postpartum estrous cycles and embryonic survival in lactating dairy cows. Animal Reproduction Science, 2009, 110, 207-221.	0.5	259
7	Factors affecting conception rate after artificial insemination and pregnancy loss in lactating dairy cows. Animal Reproduction Science, 2004, 84, 239-255.	0.5	254
8	Prevalence of periparturient diseases and effects on fertility of seasonally calving grazing dairy cows supplemented with concentrates. Journal of Dairy Science, 2013, 96, 5682-5697.	1.4	249
9	Impact of Age at Calving on Lactation, Reproduction, Health, and Income in First-Parity Holsteins on Commercial Farms. Journal of Dairy Science, 2004, 87, 2730-2742.	1.4	225
10	Effects of Rumen-Undegradable Protein on Dairy Cow Performance: A 12-Year Literature Review. Journal of Dairy Science, 1998, 81, 3182-3213.	1.4	219
11	Long Chain Fatty Acids of Diet as Factors Influencing Reproduction in Cattle. Reproduction in Domestic Animals, 2008, 43, 23-30.	0.6	189
12	Effect of timing of first clinical mastitis occurrence on lactational and reproductive performance of Holstein dairy cows. Animal Reproduction Science, 2004, 80, 31-45.	0.5	179
13	Carryover effect of postpartum inflammatory diseases on developmental biology and fertility in lactating dairy cows. Journal of Dairy Science, 2016, 99, 2201-2220.	1.4	178
14	The association of serum metabolites in the transition period with milk production and early-lactation reproductive performance. Journal of Dairy Science, 2012, 95, 1301-1309.	1.4	173
15	Effect of induced subclinical hypocalcemia on physiological responses and neutrophil function in dairy cows. Journal of Dairy Science, 2014, 97, 874-887.	1.4	173
16	Effect of human chorionic gonadotropin on luteal function and reproductive performance of high-producing lactating Holstein dairy cows.. Journal of Animal Science, 2001, 79, 2881.	0.2	163
17	Ovarian follicle diameter at timed insemination and estrous response influence likelihood of ovulation and pregnancy after estrous synchronization with progesterone or progestin-based protocols in suckled Bos indicus cows. Animal Reproduction Science, 2010, 120, 23-30.	0.5	161
18	Period of dominance of the ovulatory follicle influences embryo quality in lactating dairy cows. Reproduction, 2009, 137, 813-823.	1.1	146

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19	Reproduction in Dairy Cows Following Progesterone Insert Presynchronization and Resynchronization Protocols. Journal of Dairy Science, 2006, 89, 4205-4219.	1.4	144
20	Strategies for improving fertility in the modern dairy cow. Theriogenology, 2006, 65, 30-44.	0.9	136
21	Herd-level association of serum metabolites in the transition period with disease, milk production, and early lactation reproductive performance. Journal of Dairy Science, 2012, 95, 5676-5682.	1.4	131
22	Effect of Feeding Yeast Culture on Performance, Health, and Immunocompetence of Dairy Calves. Journal of Dairy Science, 2008, 91, 1497-1509.	1.4	123
23	Effect of reducing the period of follicle dominance in a timed artificial insemination protocol on reproduction of dairy cows. Journal of Dairy Science, 2010, 93, 2976-2988.	1.4	119
24	Follicular wave of the ovulatory follicle and not cyclic status influences fertility of dairy cows. Journal of Dairy Science, 2010, 93, 3578-3587.	1.4	115
25	Effects of hormonal treatments on reproductive performance and embryo production. Theriogenology, 2001, 55, 75-89.	0.9	114
26	Effect of addition of a progesterone intravaginal insert to a timed insemination protocol using estradiol cypionate on ovulation rate, pregnancy rate, and late embryonic loss in lactating dairy cows1. Journal of Animal Science, 2004, 82, 3508-3517.	0.2	110
27	Effect of feeding live yeast products to calves with failure of passive transfer on performance and patterns of antibiotic resistance in fecalEscherichia coli. Reproduction, Nutrition, Development, 2005, 45, 427-440.	1.9	104
28	Effect of bST and Reproductive Management on Reproductive Performance of Holstein Dairy Cows. Journal of Dairy Science, 2004, 87, 868-881.	1.4	100
29	Effect of fat source differing in fatty acid profile on metabolic parameters, fertilization, and embryo quality in high-producing dairy cows. Journal of Dairy Science, 2009, 92, 1520-1531.	1.4	100
30	Timed Artificial Insemination with Estradiol Cypionate or Insemination at Estrus in High-Producing Dairy Cows. Journal of Dairy Science, 2004, 87, 3704-3715.	1.4	98
31	Concentration of progesterone during the development of the ovulatory follicle: II. Ovarian and uterine responses. Journal of Dairy Science, 2011, 94, 3352-3365.	1.4	98
32	Effect of intrauterine infusion of ceftiofur on uterine health and fertility in dairy cows. Journal of Dairy Science, 2009, 92, 1532-1542.	1.4	97
33	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Uterine infection: Linking infection and innate immunity with infertility in the high-producing dairy cow1,2. Journal of Animal Science, 2015, 93, 2021-2033.	0.2	93
34	Effect of feeding Saccharomyces Cerevisiae on performance of dairy cows during summer heat stress. Animal Feed Science and Technology, 2009, 150, 175-186.	1.1	87
35	Meta-analysis of the effects of prepartum dietary cation-anion difference on performance and health of dairy cows. Journal of Dairy Science, 2019, 102, 2134-2154.	1.4	86
36	Reducing the Interval from Presynchronization to Initiation of Timed Artificial Insemination Improves Fertility in Dairy Cows. Journal of Dairy Science, 2007, 90, 4212-4218.	1.4	85

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37	Invited review: Recommendations for reporting intervention studies on reproductive performance in dairy cattle: Improving design, analysis, and interpretation of research on reproduction. Journal of Dairy Science, 2016, 99, 1-17.	1.4	85
38	Effects of lactation and pregnancy on gene expression of endometrium of Holstein cows at day 17 of the estrous cycle or pregnancy. Journal of Dairy Science, 2012, 95, 5657-5675.	1.4	83
39	Long-term effects of postpartum clinical disease on milk production, reproduction, and culling of dairy cows. Journal of Dairy Science, 2019, 102, 11701-11717.	1.4	82
40	Effects of feeding polyphenols from pomegranate extract on health, growth, nutrient digestion, and immunocompetence of calves. Journal of Dairy Science, 2010, 93, 4280-4291.	1.4	80
41	Effect of interval between induction of ovulation and artificial insemination (AI) and supplemental progesterone for resynchronization on fertility of dairy cows subjected to a 5-d timed AI program. Journal of Dairy Science, 2010, 93, 5798-5808.	1.4	79
42	Targeted progesterone supplementation improves fertility in lactating dairy cows without a corpus luteum at the initiation of the timed artificial insemination protocol. Journal of Dairy Science, 2013, 96, 2214-2225.	1.4	79
43	Progesterone concentration, follicular development and induction of cyclicity in dairy cows receiving intravaginal progesterone inserts. Animal Reproduction Science, 2009, 110, 56-70.	0.5	78
44	Plasma anti-MÃ¼llerian hormone in adult dairy cows and associations with fertility. Journal of Dairy Science, 2014, 97, 6888-6900.	1.4	78
45	Effects of differential supplementation of fatty acids during the peripartum and breeding periods of Holstein cows: I. Uterine and metabolic responses, reproduction, and lactation. Journal of Dairy Science, 2011, 94, 189-204.	1.4	77
46	Low progesterone concentration during the development of the first follicular wave reduces pregnancy per insemination of lactating dairy cows. Journal of Dairy Science, 2012, 95, 1794-1806.	1.4	77
47	Strategies to optimize reproductive efficiency by regulation of ovarian function. Domestic Animal Endocrinology, 2002, 23, 243-254.	0.8	74
48	Importance of estrus on pregnancy per insemination in suckled Bos indicus cows submitted to estradiol/progesterone-based timed insemination protocols. Theriogenology, 2011, 76, 455-463.	0.9	74
49	Nutritional management of the donor cow. Theriogenology, 2008, 69, 88-97.	0.9	71
50	Biology of Preimplantation Conceptus at the Onset of Elongation in Dairy Cows1. Biology of Reproduction, 2016, 94, 97.	1.2	71
51	Supplementation of progesterone via controlled internal drug release inserts during ovulation synchronization protocols in lactating dairy cows. Journal of Dairy Science, 2010, 93, 922-931.	1.4	70
52	Effects of prepartum dietary cation-anion difference intake on production and health of dairy cows: A meta-analysis. Journal of Dairy Science, 2019, 102, 2103-2133.	1.4	69
53	Effect of resynchronization with GnRH on day 21 after artificial insemination on pregnancy rate and pregnancy loss in lactating dairy cows. Theriogenology, 2003, 60, 1389-1399.	0.9	68
54	Genetic parameters for anovulation and pregnancy loss in dairy cattle. Journal of Dairy Science, 2009, 92, 5739-5753.	1.4	67

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55	Effects of Method of Presynchronization and Source of Selenium on Uterine Health and Reproduction in Dairy Cows. Journal of Dairy Science, 2008, 91, 3323-3336.	1.4	66
56	Hormonal manipulations in the 5-day timed artificial insemination protocol to optimize estrous cycle synchrony and fertility in dairy heifers. Journal of Dairy Science, 2013, 96, 7054-7065.	1.4	64
57	Meta-analysis of progesterone supplementation during timed artificial insemination programs in dairy cows. Journal of Dairy Science, 2015, 98, 2472-2487.	1.4	64
58	Progesterone supplementation to lactating dairy cows without a corpus luteum at initiation of the Ovsynch protocol. Journal of Dairy Science, 2015, 98, 2515-2528.	1.4	64
59	Mechanisms underlying reduced fertility in anovular dairy cows. Theriogenology, 2016, 86, 254-262.	0.9	64
60	Type of Cottonseed and Level of Gossypol in Diets of Lactating Dairy Cows: Plasma Gossypol, Health, and Reproductive Performance. Journal of Dairy Science, 2003, 86, 892-905.	1.4	63
61	Fertility in dairy cows following presynchronization and administering twice the luteolytic dose of prostaglandin F2Î± as one or two injections in the 5-day timed artificial insemination protocol. Theriogenology, 2012, 78, 273-284.	0.9	63
62	Effects of prepartum dietary cation-anion difference and source of vitamin D in dairy cows: Health and reproductive responses. Journal of Dairy Science, 2018, 101, 2563-2578.	1.4	62
63	Effects of differential supplementation of fatty acids during the peripartum and breeding periods of Holstein cows: II. Neutrophil fatty acids and function, and acute phase proteins. Journal of Dairy Science, 2011, 94, 2285-2301.	1.4	61
64	Synchronisation of ovulation for management of reproduction in dairy cows. Animal, 2014, 8, 151-159.	1.3	61
65	Concentration of progesterone during the development of the ovulatory follicle: I. Ovarian and embryonic responses. Journal of Dairy Science, 2011, 94, 3342-3351.	1.4	59
66	Effects of feeding rumen-protected choline on incidence of diseases and reproduction of dairy cows. Veterinary Journal, 2012, 193, 140-145.	0.6	59
67	Efficacy of ampicillin trihydrate or ceftiofur hydrochloride for treatment of metritis and subsequent fertility in dairy cows. Journal of Dairy Science, 2014, 97, 5401-5414.	1.4	59
68	Effects of prepartum dietary cation-anion difference and source of vitamin D in dairy cows: Vitamin D, mineral, and bone metabolism. Journal of Dairy Science, 2018, 101, 2519-2543.	1.4	59
69	Effect of supplemental yeast culture and dietary starch content on rumen fermentation and digestion in dairy cows. Journal of Dairy Science, 2018, 101, 201-221.	1.4	58
70	Factors Affecting Synchronization and Conception Rate after the Ovsynch Protocol in Lactating Holstein Cows. Reproduction in Domestic Animals, 2010, 45, 439-446.	0.6	57
71	Optimizing the accuracy of detecting a functional corpus luteum in dairy cows. Theriogenology, 2008, 70, 199-207.	0.9	57
72	Effects of presynchronization and length of proestrus on fertility of grazing dairy cows subjected to a 5-day timed artificial insemination protocol. Journal of Dairy Science, 2012, 95, 2513-2522.	1.4	56

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73	Factors affecting the success of a large embryo transfer program in Holstein cattle in a commercial herd in the southeast region of the United States. Theriogenology, 2016, 86, 1834-1841.	0.9	56
74	Effects of gonadotropin-releasing hormone at initiation of the 5-d timed artificial insemination (AI) program and timing of induction of ovulation relative to AI on ovarian dynamics and fertility of dairy heifers. Journal of Dairy Science, 2011, 94, 4997-5004.	1.4	55
75	Association among gestation length and health, production, and reproduction in Holstein cows and implications for their offspring. Journal of Dairy Science, 2017, 100, 3166-3181.	1.4	55
76	Application of one injection of prostaglandin F2Î± in the five-day Co-Synch + CIDR protocol for estrous synchronization and resynchronization of dairy heifers. Journal of Dairy Science, 2010, 93, 1050-1058.	1.4	54
77	Low Doses of Bovine Somatotropin Enhance Conceptus Development and Fertility in Lactating Dairy Cows1. Biology of Reproduction, 2014, 90, 10.	1.2	53
78	Effects of oral calcium supplementation on mineral and acid-base status, energy metabolites, and health of postpartum dairy cows. Journal of Dairy Science, 2016, 99, 8397-8416.	1.4	52
79	Feeding increasing amounts of ruminally protected choline decreased fatty liver in nonlactating, pregnant Holstein cows in negative energy status. Journal of Dairy Science, 2018, 101, 5902-5923.	1.4	50
80	Effects of supplementation with ruminally protected choline on performance of multiparous Holstein cows did not depend upon prepartum caloric intake. Journal of Dairy Science, 2018, 101, 1088-1110.	1.4	50
81	Effects of oral calcium supplementation on productive and reproductive performance in Holstein cows. Journal of Dairy Science, 2016, 99, 8417-8430.	1.4	49
82	Effects of supplementation with docosahexaenoic acid on reproduction of dairy cows. Reproduction, 2017, 153, 707-723.	1.1	49
83	Effect of increasing amounts of supplemental progesterone in a timed artificial insemination protocol on fertility of lactating dairy cows. Journal of Dairy Science, 2009, 92, 5436-5446.	1.4	48
84	Effects of prepartum dietary cation-anion difference and source of vitamin D in dairy cows: Lactation performance and energy metabolism. Journal of Dairy Science, 2018, 101, 2544-2562.	1.4	48
85	Effect of supplementing fat to pregnant nonlactating cows on colostral fatty acid profile and passive immunity of the newborn calf. Journal of Dairy Science, 2014, 97, 392-405.	1.4	47
86	Meta-analysis of the effects of supplemental rumen-protected choline during the transition period on performance and health of parous dairy cows. Journal of Dairy Science, 2020, 103, 282-300.	1.4	47
87	Effects of resynchronization programs on pregnancy per artificial insemination, progesterone, and pregnancy-associated glycoproteins in plasma of lactating dairy cows. Journal of Dairy Science, 2010, 93, 4006-4018.	1.4	45
88	Role of lipids on elongation of the preimplantation conceptus in ruminants. Reproduction, 2016, 152, R115-R126.	1.1	45
89	The Effects of Feeding Varying Amounts of Gossypol from Whole Cottonseed and Cottonseed Meal in Lactating Dairy Cows. Journal of Dairy Science, 2001, 84, 2231-2239.	1.4	43
90	The Effects of Varying Gossypol Intake from Whole Cottonseed and Cottonseed Meal on Lactation and Blood Parameters in Lactating Dairy Cows. Journal of Dairy Science, 2004, 87, 2506-2518.	1.4	43

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91	Evaluation of Methods of Resynchronization for Insemination in Cows of Unknown Pregnancy Status. Journal of Dairy Science, 2007, 90, 4240-4252.	1.4	43
92	Effect of source of supplemental selenium on uterine health and embryo quality in high-producing dairy cows. Theriogenology, 2009, 71, 1127-1137.	0.9	43
93	The use of endocrine treatments to improve pregnancy rates in cattle. Reproduction, Fertility and Development, 2012, 24, 258.	0.1	43
94	Effect of supplementing essential fatty acids to pregnant nonlactating Holstein cows and their preweaned calves on calf performance, immune response, and health. Journal of Dairy Science, 2014, 97, 5045-5064.	1.4	42
95	Effects of altering the ratio of dietary n-6 to n-3 fatty acids on performance and inflammatory responses to a lipopolysaccharide challenge in lactating Holstein cows. Journal of Dairy Science, 2015, 98, 602-617.	1.4	42
96	Meta-analysis to predict the effects of metabolizable amino acids on dairy cattle performance. Journal of Dairy Science, 2018, 101, 340-364.	1.4	42
97	Uterine Microbiota and Immune Parameters Associated with Fever in Dairy Cows with Metritis. PLoS ONE, 2016, 11, e0165740.	1.1	42
98	Comparison of reproductive performance in lactating dairy cows bred by natural service or timed artificial insemination. Journal of Dairy Science, 2009, 92, 5456-5466.	1.4	41
99	Effect of inseminating cows in estrus following a presynchronization protocol on reproductive and lactation performances. Journal of Dairy Science, 2010, 93, 4632-4643.	1.4	41
100	Effect of dietary cation-anion difference on acid-base status and dry matter intake in dry pregnant cows. Journal of Dairy Science, 2018, 101, 8461-8475.	1.4	41
101	Effects of level of dietary cation-anion difference and duration of prepartum feeding on performance and metabolism of dairy cows. Journal of Dairy Science, 2018, 101, 7907-7929.	1.4	41
102	Effect of Prepartum Dietary Protein Level on Performance of Primigravid and Multiparous Holstein Dairy Cows. Journal of Dairy Science, 2001, 84, 213-224.	1.4	40
103	Effect of Synchronization Protocols on Follicular Development and Estradiol and Progesterone Concentrations of Dairy Heifers. Journal of Dairy Science, 2008, 91, 3045-3056.	1.4	40
104	Economic comparison of natural service and timed artificial insemination breeding programs in dairy cattle. Journal of Dairy Science, 2010, 93, 4404-4413.	1.4	40
105	Association of dry matter intake and energy balance prepartum and postpartum with health disorders postpartum: Part I. Calving disorders and metritis. Journal of Dairy Science, 2019, 102, 9138-9150.	1.4	40
106	Supplementation with Calcium Salts of Linoleic and transâ€Octadecenoic Acids Improves Fertility of Lactating Dairy Cows. Reproduction in Domestic Animals, 2010, 45, 55-62.	0.6	39
107	Effects of 1 or 2 treatments with prostaglandin F2Î± on subclinical endometritis and fertility in lactating dairy cows inseminated by timed artificial insemination. Journal of Dairy Science, 2013, 96, 6480-6488.	1.4	39
108	Effects of supplemental progesterone after artificial insemination on expression of interferon-stimulated genes and fertility in dairy cows. Journal of Dairy Science, 2014, 97, 4907-4921.	1.4	39

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109	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
110	Dietary manipulations to improve embryonic survival in cattle. Theriogenology, 2011, 76, 1619-1631.	0.9	37
111	Reproductive performance of grazing dairy cows following presynchronization and resynchronization protocols. Journal of Dairy Science, 2011, 94, 4984-4996.	1.4	37
112	A model of clinical endometritis in Holstein heifers using pathogenic Escherichia coli and Trueperella pyogenes. Journal of Dairy Science, 2019, 102, 2686-2697.	1.4	37
113	Use of calcitriol to maintain postpartum blood calcium and improve immune function in dairy cows. Journal of Dairy Science, 2017, 100, 5805-5823.	1.4	36
114	Technical Note: Effects of Adding Shade and Fans to a Feedbunk Sprinkler System for Preparturient Cows on Health and Performance. Journal of Dairy Science, 2006, 89, 2000-2006.	1.4	35
115	Effect of extruded linseed on productive and reproductive performance of lactating dairy cows. Livestock Science, 2008, 113, 144-154.	0.6	35
116	Effect of Breeding Protocols and Reproductive Tract Score on Reproductive Performance of Dairy Heifers and Economic Outcome of Breeding Programs. Journal of Dairy Science, 2008, 91, 3424-3438.	1.4	35
117	Sex-sorted semen for dairy heifers: Effects on reproductive and lactational performances. Journal of Dairy Science, 2010, 93, 2496-2507.	1.4	35
118	Increasing intake of essential fatty acids from milk replacer benefits performance, immune responses, and health of preweaned Holstein calves. Journal of Dairy Science, 2015, 98, 458-477.	1.4	35
119	Shift of uterine microbiota associated with antibiotic treatment and cure of metritis in dairy cows. Veterinary Microbiology, 2018, 214, 132-139.	0.8	35
120	Effects of feeding live yeast at 2 dosages on performance and feeding behavior of dairy cows under heat stress. Journal of Dairy Science, 2020, 103, 325-339.	1.4	35
121	Intramammary 25-hydroxyvitamin D3 treatment modulates innate immune responses to endotoxin-induced mastitis. Journal of Dairy Science, 2018, 101, 7593-7607.	1.4	34
122	Feeding supplemental 25-hydroxyvitamin D3 increases serum mineral concentrations and alters mammary immunity of lactating dairy cows. Journal of Dairy Science, 2020, 103, 805-822.	1.4	34
123	Effect of bovine somatotropin (500 mg) administered at ten-day intervals on ovulatory responses, expression of estrus, and fertility in dairy cows. Journal of Dairy Science, 2010, 93, 1500-1510.	1.4	33
124	Supplemental progesterone and timing of resynchronization on pregnancy outcomes in lactating dairy cows. Journal of Dairy Science, 2013, 96, 7032-7042.	1.4	33
125	Effects of Bovine Somatotropin and Evaporative Cooling Plus Shade on Lactation Performance of Cows During Summer Heat Stress. Journal of Dairy Science, 1999, 82, 2352-2357.	1.4	32
126	Perspective on Physiological/Endocrine and Nutritional Factors Influencing Fertility in Postâ€partum Dairy Cows. Reproduction in Domestic Animals, 2010, 45, 2-14.	0.6	32

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127	Effect of feeding according to energy balance on performance, nutrient excretion, and feeding behavior of early lactation dairy cows. Journal of Dairy Science, 2013, 96, 5249-5266.	1.4	32
128	Effects of supplementing yeast culture to diets differing in starch content on performance and feeding behavior of dairy cows. Journal of Dairy Science, 2018, 101, 186-200.	1.4	32
129	Mammary Uptake, Portal-Drained Visceral Flux, and Hepatic Metabolism of Free and Peptide-Bound Amino Acids in Cows Fed Steam-Flaked or Dry-Rolled Sorghum Grain Diets. Journal of Dairy Science, 2008, 91, 679-697.	1.4	31
130	Donor category and seasonal climate associated with embryo production and survival in multiple ovulation andÂembryo transfer programs in Holstein cattle. Theriogenology, 2014, 82, 204-212.	0.9	31
131	Effect of injectable vitamin E on incidence of retained fetal membranes and reproductive performance of dairy cows. Journal of Dairy Science, 2015, 98, 2437-2449.	1.4	31
132	Synchronized ovulation for first insemination improves reproductive performance and reduces cost per pregnancy in dairy heifers. Journal of Dairy Science, 2015, 98, 7810-7822.	1.4	31
133	Factors associated with early cyclicity in postpartum dairy cows. Journal of Dairy Science, 2015, 98, 229-239.	1.4	30
134	Vulvovaginal laceration as a risk factor for uterine disease in postpartum dairy cows. Journal of Dairy Science, 2016, 99, 4629-4637.	1.4	30
135	Effects of nutrition on the fertility of lactating dairy cattle. Journal of Dairy Science, 2018, 101, 5115-5133.	1.4	30
136	Economic comparison of systemic antimicrobial therapies for metritis in dairy cows. Journal of Dairy Science, 2019, 102, 7345-7358.	1.4	30
137	Minimal progesterone concentration required for embryo survival after embryo transfer in lactating Holstein cows. Animal Reproduction Science, 2013, 136, 223-230.	0.5	29
138	The economic cost of metritis in dairy herds. Journal of Dairy Science, 2021, 104, 3158-3168.	1.4	29
139	Response of Lactating Dairy Cows to Steam-Flaked Sorghum, Steam-Flaked Corn, or Steam-Rolled Corn and Protein Sources of Differing Degradability. Journal of Dairy Science, 1999, 82, 728-737.	1.4	28
140	Intramammary 1,25-dihydroxyvitamin D3 treatment increases expression of host-defense genes in mammary immune cells of lactating dairy cattle. Journal of Steroid Biochemistry and Molecular Biology, 2017, 173, 33-41.	1.2	28
141	Persistent effects on bovine granulosa cell transcriptome after resolution of uterine disease. Reproduction, 2019, 158, 35-46.	1.1	28
142	Leptin Genotype Is Associated with Lactation Performance and Health of Holstein Cows. Journal of Dairy Science, 2008, 91, 2893-2900.	1.4	27
143	Effect of Time of Artificial Insemination and Supplemental Estradiol on Reproduction of Lactating Dairy Cows. Journal of Dairy Science, 2008, 91, 4226-4237.	1.4	27
144	Association of dry matter intake and energy balance prepartum and postpartum with health disorders postpartum: Part II. Ketosis and clinical mastitis. Journal of Dairy Science, 2019, 102, 9151-9164.	1.4	27

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145	Using chitosan microparticles to treat metritis in lactating dairy cows. Journal of Dairy Science, 2020, 103, 7377-7391.	1.4	27
146	Type of Cottonseed and Level of Gossypol in Diets of Lactating Dairy Cows: Effects on Lactation Performance and Plasma Gossypol. Journal of Dairy Science, 2002, 85, 1491-1501.	1.4	26
147	Conceptus development and transcriptome at preimplantation stages in lactating dairy cows of distinct genetic groups and estrous cyclic statuses. Journal of Dairy Science, 2016, 99, 4761-4777.	1.4	26
148	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
149	Effects of Grain Processing and Bovine Somatotropin on Metabolism and Ovarian Activity of Dairy Cows During Early Lactation. Journal of Dairy Science, 2000, 83, 1004-1015.	1.4	25
150	The Effect of Left Displacement of Abomasum Corrected by Toggle-Pin Suture on Lactation, Reproduction, and Health of Holstein Dairy Cows. Journal of Dairy Science, 2002, 85, 1157-1164.	1.4	25
151	Effect of early or late resynchronization based on different methods of pregnancy diagnosis on reproductive performance of dairy cows. Journal of Dairy Science, 2014, 97, 4932-4941.	1.4	25
152	Splanchnic and Mammary Nitrogen Metabolism by Dairy Cows Fed Dry-Rolled or Steam-Flaked Sorghum Grain. Journal of Dairy Science, 2002, 85, 148-159.	1.4	24
153	Increasing Dietary Levels of Cracked Pima Cottonseed Increase Plasma Gossypol but do not Influence Productive Performance of Lactating Holstein Cows. Journal of Dairy Science, 2003, 86, 254-267.	1.4	24
154	Embryo Survival from Gossypol-Fed Heifers after Transfer to Lactating Cows Treated with Human Chorionic Gonadotropin. Journal of Dairy Science, 2006, 89, 2056-2064.	1.4	23
155	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
156	Effect of progesterone supplementation on fertility responses of lactating dairy cows with corpus luteum at the initiation of the Ovsynch protocol. Theriogenology, 2015, 83, 257-265.	0.9	23
157	Timing of initiation and duration of feeding rumen-protected choline affects performance of lactating Holstein cows. Journal of Dairy Science, 2020, 103, 4174-4191.	1.4	23
158	Portal Drained Visceral Flux, Hepatic Metabolism, and Mammary Uptake of Free and Peptide-Bound Amino Acids and Milk Amino Acid Output in Dairy Cows Fed Diets Containing Corn Grain Steam Flaked at 360 or Steam Rolled at 490 g/L. Journal of Dairy Science, 2004, 87, 413-430.	1.4	22
159	Use of a five-day progesterone-based timed AI protocol to determine if flunixin meglumine improves pregnancy per timed AI in dairy heifers. Theriogenology, 2010, 73, 1311-1318.	0.9	22
160	Trans-10, cis-12 conjugated linoleic acid and the PPAR-Î³ agonist rosiglitazone attenuate lipopolysaccharide-induced TNF-Î± production by bovine immune cells. Domestic Animal Endocrinology, 2011, 41, 118-125.	0.8	22
161	Comparison of Barley and Sorghum Grain Processed at Different Densities for Lactating Dairy Cows. Journal of Dairy Science, 1997, 80, 2098-2103.	1.4	21
162	Gossypol Disrupts Embryo Development in Heifers. Journal of Dairy Science, 2008, 91, 3015-3024.	1.4	21

#	Article	IF	Citations
163	Evaluation of ceftiofur crystalline free acid sterile suspension for control of metritis in high-risk lactating dairy cows. Theriogenology, 2013, 79, 725-734.	0.9	20
164	Fertility in Dairy Cows After Artificial Insemination Using Sexâ€sorted Sperm or Conventional Semen. Reproduction in Domestic Animals, 2014, 49, 333-337.	0.6	20
165	Observed and expected combined effects of clinical mastitis and low body condition on pregnancy loss in dairy cows. Theriogenology, 2012, 77, 115-121.	0.9	19
166	Effect of prepartum energy intake and supplementation with ruminally protected choline on innate and adaptive immunity of multiparous Holstein cows. Journal of Dairy Science, 2020, 103, 2200-2216.	1.4	19
167	Meta-analysis of the effects of prepartum dietary protein on performance of dairy cows. Journal of Dairy Science, 2019, 102, 9791-9813.	1.4	18
168	Experimentally Induced Endometritis Impairs the Developmental Capacity of Bovine Oocytesâ€. Biology of Reproduction, 2020, 103, 508-520.	1.2	18
169	Uterine infection alters the transcriptome of the bovine reproductive tract three months later. Reproduction, 2020, 160, 93-107.	1.1	18
170	Splanchnic and Mammary Nitrogen Metabolism by Dairy Cows Fed Steam-Rolled or Steam-Flaked Corn. Journal of Dairy Science, 2002, 85, 160-168.	1.4	17
171	Effects of Source of Gossypol and Supplemental Iron on Plasma Gossypol in Holstein Steers. Journal of Dairy Science, 2005, 88, 3563-3574.	1.4	17
172	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
173	Effects of Bovine Somatotropin on Milk Yield and Composition in Holstein Cows in Advanced Lactation Fed Low- or High-Energy Diets. Journal of Dairy Science, 2000, 83, 430-434.	1.4	16
174	Effects of rumen-protected choline on the inflammatory and metabolic status and health of dairy cows during the transition period. Journal of Dairy Science, 2020, 103, 4192-4205.	1.4	16
175	Effect of a deslorelin implant in a timed artificial insemination protocol on follicle development, luteal function and reproductive performance of lactating dairy cows. Theriogenology, 2004, 61, 421-435.	0.9	15
176	Impact of feeding whole Upland cottonseed, with or without cracked Pima cottonseed with increasing addition of iron sulfate, on productivity and plasma gossypol of lactating dairy cattle. Animal Feed Science and Technology, 2005, 122, 241-256.	1.1	15
177	Effect of calcium salts of fish and palm oils on lactational performance of Holstein cows. Animal Feed Science and Technology, 2008, 140, 18-38.	1.1	15
178	Effect of feeding yeast culture on reproduction and lameness in dairy cows under heat stress. Animal Reproduction Science, 2009, 113, 11-21.	0.5	15
179	1074 Incidence and risk factors related to anovulation in dairy cows. Journal of Animal Science, 2016, 94, 514-515.	0.2	15
180	Fertility of lactating dairy cows inseminated with sexâ€sorted or conventional semen after Ovsynch, Presynchâ€“Ovsynch and Doubleâ€Ovsynch protocols. Reproduction in Domestic Animals, 2019, 54, 309-316.	0.6	15

#	Article	IF	Citations
181	Efficacy of an injection of dinoprost tromethamine when given subcutaneously on luteal regression in lactating Holstein cows. Theriogenology, 2007, 67, 590-597.	0.9	14
182	Effects of the level and duration of maternal diets with negative dietary cation-anion differences prepartum on calf growth, immunity, and mineral and energy metabolism. Journal of Dairy Science, 2017, 100, 9835-9850.	1.4	14
183	Associations between maternal characteristics and health, survival, and performance of dairy heifers from birth through first lactation. Journal of Dairy Science, 2020, 103, 823-839.	1.4	14
184	Economic comparison between ceftiofur-treated and nontreated dairy cows with metritis. Journal of Dairy Science, 2021, 104, 8918-8930.	1.4	14
185	Effect of delayed breeding during the summer on profitability of dairy cows. Journal of Dairy Science, 2014, 97, 4236-4246.	1.4	13
186	Inducing ovulation early postpartum influences uterine health and fertility in dairy cows. Journal of Dairy Science, 2014, 97, 3558-3569.	1.4	13
187	Combined use of progesterone inserts, ultrasongraphy, and GnRH toÂidentify and resynchronize nonpregnant cows and heifers 21Âdays after timed artificial insemination. Theriogenology, 2016, 85, 230-237.	0.9	13
188	Associations between bone and energy metabolism in cows fed diets differing in level of dietary cation-anion difference and supplemented with cholecalciferol or calcidiol. Journal of Dairy Science, 2018, 101, 6581-6601.	1.4	13
189	Hepatic triacylglycerol associations with production and health in dairy cows. Journal of Dairy Science, 2022, 105, 5393-5409.	1.4	13
190	Whey protein gel composites of soybean and linseed oils as a dietary method to modify the unsaturated fatty acid composition of milk lipids. Animal Feed Science and Technology, 2006, 131, 370-388.	1.1	12
191	Association between leptin single nucleotide polymorphism and reproductive performance of lactating Holstein cows. Animal Reproduction Science, 2011, 127, 126-134.	0.5	12
192	Effects of altering the ratio of dietary n-6 to n-3 fatty acids on spontaneous luteolysis in lactating dairy cows. Journal of Dairy Science, 2018, 101, 10536-10556.	1.4	12
193	Inflammatory diseases in dairy cows: Risk factors and associations with pregnancy after embryo transfer. Journal of Dairy Science, 2020, 103, 11970-11987.	1.4	12
194	Importance of appropriate amounts of magnesium in rations for dairy cows. Journal of the American Veterinary Medical Association, 2003, 222, 1518-1523.	0.2	11
195	Effect of prepartum milking of primigravid cows on mammary gland health and lactation performance. Livestock Science, 2004, 86, 105-116.	1.2	11
196	Effects of intrauterine infusion of Trueperella pyogenes on endometrial mRNA expression of proinflammatory cytokines and luteolytic cascade genes and their association with luteal life span in dairy cows. Theriogenology, 2015, 84, 1263-1272.	0.9	11
197	Supplementation of essential fatty acids to Holstein calves during late uterine life and first month of life alters hepatic fatty acid profile and gene expression. Journal of Dairy Science, 2016, 99, 7085-7101.	1.4	11
198	Clinical response after chitosan microparticle administration and preliminary assessment of efficacy in preventing metritis in lactating dairy cows. Journal of Dairy Science, 2016, 99, 8946-8955.	1.4	11

#	Article	IF	Citations
199	Genomeâ€enable prediction for health traits using highâ€density SNP panel in US Holstein cattle. Animal Genetics, 2020, 51, 192-199.	0.6	11
200	Duration and degree of diet-induced metabolic acidosis prepartum alter tissue responses to insulin in dairy cows. Journal of Dairy Science, 2021, 104, 1660-1679.	1.4	11
201	Assessing feed efficiency in early and mid lactation and its associations with performance and health in Holstein cows. Journal of Dairy Science, 2021, 104, 5493-5507.	1.4	11
202	Effect of feeding Aspergillus oryzae extract on milk production and rumen parameters. Livestock Science, 2004, 86, 55-59.	1.2	10
203	Induction of ovulation in nonlactating dairy cows and heifers using different doses of a deslorelin implant. Theriogenology, 2004, 61, 407-419.	0.9	10
204	Recent advances in the immunology and uterine microbiology of healthy cows and cows that develop uterine disease. Turkish Journal of Veterinary and Animal Sciences, 2014, 38, 577-588.	0.2	10
205	Effect of oral mineral and energy supplementation on blood mineral concentrations, energetic and inflammatory profile, and milk yield in dairy cows affected with dystocia. Veterinary Journal, 2015, 204, 186-191.	0.6	10
206	Effects of hormonal growth promotants on beef quality: a meta-analysis. Journal of Animal Science, 2018, 96, 2675-2697.	0.2	10
207	Effect of presynchronization with prostaglandin F2Î± before the 5-d timed AI protocol on ovarian responses and pregnancy in dairy heifers. Theriogenology, 2019, 132, 138-143.	0.9	10
208	Prevalence and risk factors related to anovular phenotypes in dairy cows. Journal of Dairy Science, 2021, 104, 2369-2383.	1.4	10
209	Days in the prepartum group are associated with subsequent performance in Holstein cows. Journal of Dairy Science, 2021, 104, 5964-5978.	1.4	10
210	Failure of clinical cure in dairy cows treated for metritis is associated with reduced productive and reproductive performance. Journal of Dairy Science, 2021, 104, 7056-7070.	1.4	10
211	Performance and Nutrient Digestibility by Dairy Cows Treated with Bovine Somatotropin and Fed Diets with Steam-Flaked Sorghum or Steam-Rolled Corn During Early Lactation. Journal of Dairy Science, 1999, 82, 404-411.	1.4	9
212	Lipopolysaccharide and tumor necrosis factorâ€alpha alter gene expression of oocytes and cumulus cells during bovine in vitro maturation. Molecular Reproduction and Development, 2019, 86, 1909-1920.	1.0	9
213	Effect of one or three timed artificial inseminations before natural service on reproductive performance of lactating dairy cows not observed for detection of estrus. Theriogenology, 2012, 77, 1918-1927.	0.9	8
214	Responses to rumen-protected choline in transition cows do not depend on prepartum body condition. Journal of Dairy Science, 2020, 103, 2272-2286.	1.4	8
215	Effect of duration of exposure to diets differing in dietary cation-anion difference on Ca metabolism after a parathyroid hormone challenge in dairy cows. Journal of Dairy Science, 2021, 104, 1018-1038.	1.4	8
216	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

#	Article	IF	Citations
217	Neutrophil Î²-defensin gene expression of postpartum dairy cows is altered by prepartum dietary cation-anion difference. Journal of Dairy Science, 2019, 102, 11636-11651.	1.4	7
218	Uterine infusion of bacteria alters the transcriptome of bovine oocytes. FASEB BioAdvances, 2020, 2, 506-520.	1.3	7
219	Effects of injectable calcitriol on mineral metabolism and postpartum health and performance in dairy cows. Journal of Dairy Science, 2021, 104, 683-701.	1.4	7
220	Manipulation of Ovarian Function for the Reproductive Management of Dairy Cows. Veterinary Research Communications, 2004, 28, 111-119.	0.6	6
221	Impact of feeding whole Upland cottonseed, with or without cracked Pima cottonseed with increasing addition of iron sulfate, on milk and milk fat composition of lactating dairy cattle. Animal Feed Science and Technology, 2005, 123-124, 667-685.	1.1	6
222	Manipulating bovine granulosa cell energy metabolism limits inflammation. Reproduction, 2021, 161, 499-512.	1.1	6
223	Gene mapping, gene-set analysis, and genomic prediction of postpartum blood calcium in Holstein cows. Journal of Dairy Science, 2022, 105, 525-534.	1.4	6
224	Effects of maternal level of dietary cation-anion difference fed to prepartum nulliparous cows on offspring acid-base balance, metabolism, and growth. Journal of Dairy Science, 2021, 104, 8746-8764.	1.4	5
225	Prostaglandin F2Î± influences pre-ovulatory follicle characteristics and pregnancy per AI in anovular dairy cows. Theriogenology, 2020, 153, 122-132.	0.9	5
226	Aspects and mechanisms of low fertility in anovulatory dairy cows. Animal Reproduction, 2016, 13, 290-299.	0.4	5
227	Effects of Pelleting Whole Cottonseed on Plasma Gossypol, Rumen Metabolites, and Performance of Lactating Dairy Cows. The Professional Animal Scientist, 2004, 20, 413-421.	0.7	4
228	Programming effect of dietary fatty acids on performance of Holstein heifers from birth through first lactation. Animal Feed Science and Technology, 2016, 222, 64-74.	1.1	4
229	Effects of progesterone concentrations and follicular wave during growth of the ovulatory follicle on conceptus and endometrial transcriptome in dairy cows. Journal of Dairy Science, 2022, 105, 889-903.	1.4	4
230	Investigating the Use of Dry Matter Intake and Energy Balance Prepartum as Predictors of Digestive Disorders Postpartum. Frontiers in Veterinary Science, 2021, 8, 645252.	0.9	3
231	Economic analysis of the use of in vitro produced embryos transferred during heat stress under dairy herd constraints. Animal, 2021, 15, 100117.	1.3	2
232	Mineral balances, including in drinking water, estimated for Merced County dairy herds. California Agriculture, 2007, 61, 90-95.	0.5	2
233	Diferentes nÃveis de gordura na dieta de vacas Jersey em lactaÃ§Ã£o influenciam a resposta superovulatÃ³ria?. Ciencia Rural, 2005, 35, 644-649.	0.3	1
234	Mammary development in calves and heifers. , 0, , 815-828.		1

#	Article	IF	Citations
235	Protein nutrition of dairy cattle. New Zealand Veterinary Journal, 1998, 46, 240-240.	0.4	0
236	IETS 2011 Pre-Conference Symposium Foreword. Theriogenology, 2011, 76, 1567.	0.9	0
237	1143 Plasma anti-MÃ¼llerian hormone in dairy heifers and associations with reproductive performance in two reproductive programs for first artificial insemination. Journal of Animal Science, 2016, 94, 548-549.	0.2	0
238	047 Genetic and environmental components of metabolic diseases and lameness in cattle. Journal of Animal Science, 2017, 95, 23-24.	0.2	0
239	170 Genetic parameters of incidence and timing of respiratory disease in cattle. Journal of Animal Science, 2017, 95, 84-84.	0.2	0
240	Reproductive management of dairy cattle. , 2020, , 131-155.		0
241	Reproduction, Events and Management: Pregnancy: Control of Estrous Cycles: Synchronization of Ovulation and Insemination. , 2022, , 1010-1020.		0
242	Nutrient Regulation of Hormonal, Humoral and Cellular Responses in Postpartum Lactating Dairy Cows: Building Blocks for Restoration of Fertility?. Recent Advances in Animal Nutrition, 2007, 2006, 37-59.	0.1	0
243	Feeding the herd for maximum fertility. , 0, , 799-812.		0
244	The Value of Milk Fat. Edis, 2019, 2019, .	0.0	0
245	Alta CRIA 2019 - benchmarking for dairy calves and heifers. , 2019, , .		0
246	Alta CRIA 2020. , 2020, , .		0
247	Circulating progesterone at insemination and accessory spermatozoa are associated with fertilization and embryo quality five or six days post insemination in dairy cattle. Theriogenology, 2022, , .	0.9	0