

Ian Lean

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.

83
papers

4,450
citations

34
h-index

66
g-index

85
ext. papers

5,094
ext. citations

2.7
avg, IF

5.25
L-index

#	Paper	IF	Citations
83	Effects of mannan-oligosaccharide and <i>Bacillus subtilis</i> supplementation to preweaning Holstein dairy heifers on body weight gain, diarrhea, and shedding of fecal pathogens. <i>Journal of Dairy Science</i> , 2021 , 104, 4290-4302	4	6
82	Cattle, climate and complexity: food security, quality and sustainability of the Australian cattle industries. <i>Australian Veterinary Journal</i> , 2021 , 99, 293-308	1.2	
81	Effect of 25-hydroxyvitamin D during prepartum transition and lactation on production, reproduction, and health of lactating dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 5345-5374	4	1
80	Variation in milk production, fat, protein, and lactose responses to exogenous feed enzymes in dairy cows. <i>Applied Animal Science</i> , 2020 , 36, 292-307	1.2	1
79	Effects of in-feed enzymes on milk production and components, reproduction, and health in dairy cows. <i>Journal of Dairy Science</i> , 2019 , 102, 8011-8026	4	6
78	Effects of prepartum dietary cation-anion difference intake on production and health of dairy cows: A meta-analysis. <i>Journal of Dairy Science</i> , 2019 , 102, 2103-2133	4	37
77	Meta-analysis of the effects of prepartum dietary cation-anion difference on performance and health of dairy cows. <i>Journal of Dairy Science</i> , 2019 , 102, 2134-2154	4	51
76	Associations between bone and energy metabolism in cows fed diets differing in level of dietary cation-anion difference and supplemented with cholecalciferol or calcidiol. <i>Journal of Dairy Science</i> , 2018 , 101, 6581-6601	4	6
75	Effects of prepartum dietary cation-anion difference and source of vitamin D in dairy cows: Vitamin D, mineral, and bone metabolism. <i>Journal of Dairy Science</i> , 2018 , 101, 2519-2543	4	38
74	Effects of prepartum dietary cation-anion difference and source of vitamin D in dairy cows: Lactation performance and energy metabolism. <i>Journal of Dairy Science</i> , 2018 , 101, 2544-2562	4	31
73	Effects of prepartum dietary cation-anion difference and source of vitamin D in dairy cows: Health and reproductive responses. <i>Journal of Dairy Science</i> , 2018 , 101, 2563-2578	4	36
72	Effects of nutrition on the fertility of lactating dairy cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 5115-5133		15
71	Review: Enhancing gastrointestinal health in dairy cows. <i>Animal</i> , 2018 , 12, s399-s418	3.1	56
70	Acute photosensitisation and mortality in a herd of dairy cattle in Tasmania. <i>New Zealand Veterinary Journal</i> , 2017 , 65, 39-45	1.7	1
69	Effects of antibiotic dry-cow therapy and internal teat sealant on milk somatic cell counts and clinical and subclinical mastitis in early lactation. <i>Journal of Dairy Science</i> , 2016 , 99, 7370-7380	4	13
68	Effects of dietary fat on fertility of dairy cattle: A meta-analysis and meta-regression. <i>Journal of Dairy Science</i> , 2015 , 98, 5601-20	4	36
67	Meta-analysis of progesterone supplementation during timed artificial insemination programs in dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 2472-87	4	44

66	Effects of partial mixed rations and supplement amounts on milk production and composition, ruminal fermentation, bacterial communities, and ruminal acidosis. <i>Journal of Dairy Science</i> , 2014 , 97, 5763-85	4	38
65	Ruminal bacterial community shifts in grain-, sugar-, and histidine-challenged dairy heifers. <i>Journal of Dairy Science</i> , 2014 , 97, 5131-50	4	35
64	Effects of feed additives on rumen and blood profiles during a starch and fructose challenge. <i>Journal of Dairy Science</i> , 2014 , 97, 985-1004	4	25
63	Effects of grain, fructose, and histidine feeding on endotoxin and oxidative stress measures in dairy heifers. <i>Journal of Dairy Science</i> , 2013 , 96, 7881-91	4	9
62	Impact of nutrition on lameness and claw health in cattle. <i>Livestock Science</i> , 2013 , 156, 71-87	1.7	34
61	The effect of internal teat sealant products (Teatseal and Orbeseal) on intramammary infection, clinical mastitis, and somatic cell counts in lactating dairy cows: a meta-analysis. <i>Journal of Dairy Science</i> , 2013 , 96, 6915-6931	4	60
60	Associations between body condition, rumen fill, diarrhoea and lameness and ruminal acidosis in Australian dairy herds. <i>New Zealand Veterinary Journal</i> , 2013 , 61, 323-9	1.7	11
59	Effects of grain, fructose, and histidine on ruminal pH and fermentation products during an induced subacute acidosis protocol. <i>Journal of Dairy Science</i> , 2012 , 95, 1971-82	4	39
58	Effect of fat additions to diets of dairy cattle on milk production and components: a meta-analysis and meta-regression. <i>Journal of Dairy Science</i> , 2012 , 95, 3225-47	4	135
57	Multisite randomised controlled trial to evaluate polypropylene clips applied to the breech of lambs as an alternative to mulesing. I: effects on body weight, breech bare area measurements and scores, wrinkle scores and faecal and urine staining. <i>Australian Veterinary Journal</i> , 2012 , 90, 415-22	1.2	3
56	Multisite randomised controlled trial to evaluate polypropylene clips applied to the breech of lambs as an alternative to mulesing. II: multivariate analysis of relationships between clip treatment and operator, sheep, farm and environmental factors. <i>Australian Veterinary Journal</i> , 2012 , 90, 423-32	1.2	1
55	A meta-analysis of the effects of feeding yeast culture produced by anaerobic fermentation of <i>Saccharomyces cerevisiae</i> on milk production of lactating dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 6027-41	4	90
54	Effect of feeding biotin on milk production and hoof health in lactating dairy cows: a quantitative assessment. <i>Journal of Dairy Science</i> , 2011 , 94, 1465-76	4	17
53	Effects of increasing days of exposure to prepartum transition diets on reproduction and health in dairy cows. <i>Australian Veterinary Journal</i> , 2010 , 88, 84-92	1.2	18
52	Effects of increasing days of exposure to prepartum diets on the concentration of certain blood metabolites in dairy cows. <i>Australian Veterinary Journal</i> , 2010 , 88, 137-45	1.2	13
51	Effects of feeding organic trace minerals on milk production and reproductive performance in lactating dairy cows: a meta-analysis. <i>Journal of Dairy Science</i> , 2010 , 93, 4239-51	4	60
50	Assessment of the effects of supplementation with vitamin E on health and production of feedlot cattle using meta-analysis. <i>Preventive Veterinary Medicine</i> , 2009 , 88, 229-46	3.1	19
49	Invited review: Use of meta-analysis in animal health and reproduction: methods and applications. <i>Journal of Dairy Science</i> , 2009 , 92, 3545-65	4	131

48	Effects of injectable vitamins A, D, E and C on the health and growth rate of feedlot cattle destined for the Australian domestic market. <i>Australian Veterinary Journal</i> , 2008 , 86, 81-7	1.2	9
47	Effects of increasing days of exposure to prepartum transition diets on milk production and milk composition in dairy cows. <i>Australian Veterinary Journal</i> , 2008 , 86, 341-51	1.2	15
46	The definition of acidosis in dairy herds predominantly fed on pasture and concentrates. <i>Journal of Dairy Science</i> , 2008 , 91, 308-21	4	96
45	Milk fatty acids II: prediction of the production of individual fatty acids in bovine milk. <i>Journal of Dairy Science</i> , 2008 , 91, 1175-88	4	28
44	Kinetics of ruminal lipolysis of triacylglycerol and biohydrogenation of long-chain fatty acids: new insights from old data. <i>Journal of Dairy Science</i> , 2008 , 91, 731-42	4	18
43	A meta-analysis of the impact of monensin in lactating dairy cattle. Part 1. Metabolic effects. <i>Journal of Dairy Science</i> , 2008 , 91, 1334-46	4	91
42	A meta-analysis of the impact of monensin in lactating dairy cattle. Part 2. Production effects. <i>Journal of Dairy Science</i> , 2008 , 91, 1347-60	4	93
41	A meta-analysis of the impact of monensin in lactating dairy cattle. Part 3. Health and reproduction. <i>Journal of Dairy Science</i> , 2008 , 91, 2328-41	4	47
40	Livestock disease threats associated with intensification of pastoral dairy farming. <i>New Zealand Veterinary Journal</i> , 2008 , 56, 261-9	1.7	31
39	Feedlot entry characteristics and climate: their relationship with cattle growth rate, bovine respiratory disease and mortality. <i>Australian Veterinary Journal</i> , 2007 , 85, 311-6	1.2	35
38	Milk fatty acids. I. Variation in the concentration of individual fatty acids in bovine milk. <i>Journal of Dairy Science</i> , 2007 , 90, 4730-9	4	61
37	Hypocalcemia in dairy cows: meta-analysis and dietary cation anion difference theory revisited. <i>Journal of Dairy Science</i> , 2006 , 89, 669-84	4	151
36	Short communication: Further validation of the fat sub-model in the Cornell-Penn-Miner Dairy model. <i>Journal of Dairy Science</i> , 2006 , 89, 1052-6	4	4
35	Effects of BioChlor and Fermenten on microbial protein synthesis in continuous culture fermenters. <i>Journal of Dairy Science</i> , 2005 , 88, 2524-36	4	19
34	Efficacy of Ovsynch program on reproductive performance in dairy cattle: a meta-analysis. <i>Journal of Dairy Science</i> , 2005 , 88, 2754-70	4	49
33	Clinical acidosis in a Gippsland dairy herd. <i>Australian Veterinary Journal</i> , 2005 , 83, 347-52	1.2	6
32	A Bayesian meta-analysis of the effects of administering an intra-vaginal (CIDR) device in combination with other hormones on the reproductive performance of cycling, anoestrous and inseminated cows. <i>New Zealand Veterinary Journal</i> , 2004 , 52, 384-93	1.7	5
31	The medicine and epidemiology of bovine respiratory disease in feedlots. <i>Australian Veterinary Journal</i> , 2003 , 81, 480-7	1.2	80

30	Comparison of effects of GnRH and prostaglandin in combination, and prostaglandin on conception rates and time to conception in dairy cows. <i>Australian Veterinary Journal</i> , 2003 , 81, 488-93	1.2	10
29	Review of the relationship between nutrition and lameness in pasture-fed dairy cattle. <i>New Zealand Veterinary Journal</i> , 2003 , 51, 208-18	1.7	33
28	Risk factors for repeat-breeder syndrome in New South Wales dairy cows. <i>Preventive Veterinary Medicine</i> , 2002 , 54, 91-103	3.1	36
27	The epidemiology of subfertility in non-seasonal calving dairy herds in the Camden region of New South Wales: description of population and incidence. <i>Australian Veterinary Journal</i> , 2002 , 80, 425-31	1.2	2
26	The epidemiology of subfertility in non-seasonal calving dairy herds in the Camden region of New South Wales: preliminary investigation of risk factors. <i>Australian Veterinary Journal</i> , 2002 , 80, 432-6	1.2	2
25	Factors influencing fertility of Holstein dairy cows: a multivariate description. <i>Journal of Dairy Science</i> , 2002 , 85, 3225-37	4	80
24	Association between feeding perennial ryegrass (<i>Lolium perenne</i> cultivar Grasslands impact) containing high concentrations of ergovaline, and health and productivity in a herd of lactating dairy cows. <i>Australian Veterinary Journal</i> , 2001 , 79, 262-4	1.2	27
23	Uptake of glucose and cholesterol by the ovary of sheep and cattle and the influence of arterial LH concentrations. <i>Animal Reproduction Science</i> , 2000 , 64, 199-209	2.1	26
22	Effects of genetic merit and varying dietary protein degradability on lactating dairy cows. <i>Journal of Dairy Science</i> , 2000 , 83, 2926-40	4	38
21	Relationships among metabolites influencing ovarian function in the dairy cow. <i>Journal of Dairy Science</i> , 1999 , 82, 39-44	4	22
20	Effects of feeding virginiamycin and sodium bicarbonate to grazing lactating dairy cows. <i>Journal of Dairy Science</i> , 1999 , 82, 1545-54	4	22
19	Descriptive epidemiological study on culling and deaths in eight dairy herds. <i>Australian Veterinary Journal</i> , 1998 , 76, 482-8	1.2	34
18	Risk factors for culling and deaths in eight dairy herds. <i>Australian Veterinary Journal</i> , 1998 , 76, 489-94	1.2	4
17	Indications and implications for testing of milk urea in dairy cattle: a quantitative review. Part 2. Effect of dietary protein on reproductive performance. <i>New Zealand Veterinary Journal</i> , 1998 , 46, 123-30	1.7	34
16	Indications and implications for testing of milk urea in dairy cattle: a quantitative review. Part 1. Dietary protein sources and metabolism. <i>New Zealand Veterinary Journal</i> , 1998 , 46, 87-96	1.7	19
15	Effects of monensin on the metabolism of periparturient dairy cows. <i>Journal of Dairy Science</i> , 1997 , 80, 830-7	4	54
14	Short-term studies of ovarian metabolism in the ewe. <i>Animal Reproduction Science</i> , 1997 , 47, 43-58	2.1	11
13	Gonadotrophin-releasing hormone in postpartum dairy cattle: a meta-analysis of effects on reproductive efficiency. <i>Animal Reproduction Science</i> , 1997 , 48, 93-112	2.1	11

12	An evaluation of transovarian uptake of metabolites using arterio-venous difference methods in dairy cattle. <i>Animal Reproduction Science</i> , 1997 , 48, 9-25	2.1	41
11	The effects of lactation on the fertility of dairy cows. <i>Australian Veterinary Journal</i> , 1996 , 73, 141-7	1.2	72
10	The effect of monensin on the chemotactic function of bovine neutrophils. <i>Australian Veterinary Journal</i> , 1996 , 74, 315-7	1.2	15
9	Effects of sodium monensin on reproductive performance of dairy cattle. II. Effects on metabolites in plasma, resumption of ovarian cyclicity and oestrus in lactating cows. <i>Australian Veterinary Journal</i> , 1994 , 71, 277-82	1.2	51
8	Bovine ketosis and somatotrophin: risk factors for ketosis and effects of ketosis on health and production. <i>Research in Veterinary Science</i> , 1994 , 57, 200-9	2.5	27
7	Substitution effects of feeding rolled barley grain to grazing dairy cows. <i>Animal Feed Science and Technology</i> , 1993 , 42, 25-38	3	5
6	Gonadotrophin-releasing hormone treatment in cattle: a meta-analysis of the effects on conception at the time of insemination. <i>Australian Veterinary Journal</i> , 1993 , 70, 205-9	1.2	41
5	Time series cross-correlation analysis of postparturient relationships among serum metabolites and yield variables in Holstein cows. <i>Journal of Dairy Science</i> , 1992 , 75, 1891-900	4	32
4	Within and between observer agreement on ultrasonic evaluation of bovine ovarian structures. <i>Australian Veterinary Journal</i> , 1992 , 69, 279-82	1.2	10
3	Postparturient metabolic and production responses in cows previously exposed to long-term treatment with somatotropin. <i>Journal of Dairy Science</i> , 1991 , 74, 3429-45	4	15
2	A Body Condition Scoring Chart for Holstein Dairy Cows. <i>Journal of Dairy Science</i> , 1989 , 72, 68-78	4	1671
1	Relationships between fertility, peak milk yields and lactational persistency in dairy cows. <i>Theriogenology</i> , 1989 , 31, 1093-103	2.8	51