

Ian Lean

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2895788/ian-lean-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	A Body Condition Scoring Chart for Holstein Dairy Cows. <i>Journal of Dairy Science</i> , 1989 , 72, 68-78	4	1671
82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	The medicine and epidemiology of bovine respiratory disease in feedlots. <i>Australian Veterinary Journal</i> , 2003 , 81, 480-7	1.2	80
74	Factors influencing fertility of Holstein dairy cows: a multivariate description. <i>Journal of Dairy Science</i> , 2002 , 85, 3225-37	4	80
73	The effects of lactation on the fertility of dairy cows. <i>Australian Veterinary Journal</i> , 1996 , 73, 141-7	1.2	72
72	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
71	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
70	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
69	Review: Enhancing gastrointestinal health in dairy cows. <i>Animal</i> , 2018 , 12, s399-s418	3.1	56
68	Effects of monensin on the metabolism of periparturient dairy cows. <i>Journal of Dairy Science</i> , 1997 , 80, 830-7	4	54
67	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

66	Relationships between fertility, peak milk yields and lactational persistency in dairy cows. <i>Theriogenology</i> , 1989 , 31, 1093-103	2.8	51
65	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
64	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
63	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
62	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
61	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
60	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
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	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
57	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
56	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
55	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
54	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
53	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
52	Risk factors for repeat-breeder syndrome in New South Wales dairy cows. <i>Preventive Veterinary Medicine</i> , 2002 , 54, 91-103	3.1	36
51	Ruminal bacterial community shifts in grain-, sugar-, and histidine-challenged dairy heifers. <i>Journal of Dairy Science</i> , 2014 , 97, 5131-50	4	35
50	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
49	Impact of nutrition on lameness and claw health in cattle. <i>Livestock Science</i> , 2013 , 156, 71-87	1.7	34

48	Descriptive epidemiological study on culling and deaths in eight dairy herds. <i>Australian Veterinary Journal</i> , 1998 , 76, 482-8	1.2	34
47	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
46	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
45	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
44	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
43	Livestock disease threats associated with intensification of pastoral dairy farming. <i>New Zealand Veterinary Journal</i> , 2008 , 56, 261-9	1.7	31
42	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
41	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
40	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
39	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
38	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
37	Relationships among metabolites influencing ovarian function in the dairy cow. <i>Journal of Dairy Science</i> , 1999 , 82, 39-44	4	22
36	Effects of feeding virginiamycin and sodium bicarbonate to grazing lactating dairy cows. <i>Journal of Dairy Science</i> , 1999 , 82, 1545-54	4	22
35	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
34	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
33	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
32	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
31	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

30	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
29	Effects of nutrition on the fertility of lactating dairy cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 5115-5133	4	15
28	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
27	The effect of monensin on the chemotactic function of bovine neutrophils. <i>Australian Veterinary Journal</i> , 1996 , 74, 315-7	1.2	15
26	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
25	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
24	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
23	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
22	Short-term studies of ovarian metabolism in the ewe. <i>Animal Reproduction Science</i> , 1997 , 47, 43-58	2.1	11
21	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
20	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
19	Within and between observer agreement on ultrasonic evaluation of bovine ovarian structures. <i>Australian Veterinary Journal</i> , 1992 , 69, 279-82	1.2	10
18	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
17	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
16	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
15	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
14	Clinical acidosis in a Gippsland dairy herd. <i>Australian Veterinary Journal</i> , 2005 , 83, 347-52	1.2	6
13	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

12	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
11	Substitution effects of feeding rolled barley grain to grazing dairy cows. <i>Animal Feed Science and Technology</i> , 1993 , 42, 25-38	3	5
10	Risk factors for culling and deaths in eight dairy herds. <i>Australian Veterinary Journal</i> , 1998 , 76, 489-94	1.2	4
9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	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	