

John R Roche

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.

136
papers

4,174
citations

34
h-index

58
g-index

141
ext. papers

4,811
ext. citations

3.3
avg, IF

5.3
L-index

#	Paper	IF	Citations
136	Heifers with positive genetic merit for fertility traits reach puberty earlier and have a greater pregnancy rate than heifers with negative genetic merit for fertility traits. <i>Journal of Dairy Science</i> , 2021 , 104, 3707-3721	4	4
135	Lifetime climate impacts of diet transitions: a novel climate change accounting perspective. <i>Sustainability</i> , 2021 , 13, 5568	3.6	3
134	Effect of dose rate and timing of administration of pegbovigrastim on white blood cell responses in grazing dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 11955-11972	4	0
133	Positive genetic merit for fertility traits is associated with superior reproductive performance in pasture-based dairy cows with seasonal calving. <i>Journal of Dairy Science</i> , 2021 , 104, 10382-10398	4	3
132	Supplementation of urea to a basal pasture diet fed to dairy cows to model N-partitioning relationships. <i>JDS Communications</i> , 2021 , 2, 21-26	1.4	
131	The frontiers of biomedical science and its application to animal science in addressing the major challenges facing Australasian dairy farming. <i>Animal Production Science</i> , 2020 , 60, 1	1.4	6
130	Exosomes from dairy cows of divergent fertility; Action on endometrial cells. <i>Journal of Reproductive Immunology</i> , 2020 , 137, 102624	4.2	5
129	Hepatic one-carbon metabolism enzyme activities and intermediate metabolites are altered by prepartum body condition score and plane of nutrition in grazing Holstein dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 2662-2676	4	4
128	Feeding synthetic zeolite to transition dairy cows alters neutrophil gene expression. <i>Journal of Dairy Science</i> , 2020 , 103, 723-736	4	5
127	Graduate Student Literature Review: Evaluating the appropriate use of wearable accelerometers in research to monitor lying behaviors of dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 12140-12157	4	11
126	Associations between lying behavior and activity and hypocalcemia in grazing dairy cows during the transition period. <i>Journal of Dairy Science</i> , 2020 , 103, 10530-10546	4	2
125	A quantitative case study assessment of biophysical and economic effects from altering season of calving in temperate pasture-based dairy systems. <i>Journal of Dairy Science</i> , 2019 , 102, 11523-11535	4	4
124	Far-off and close-up feeding levels affect immunological performance in grazing dairy cows during the transition period. <i>Journal of Animal Science</i> , 2019 , 97, 192-207	0.7	1
123	Proteome profiling of exosomes derived from plasma of heifers with divergent genetic merit for fertility. <i>Journal of Dairy Science</i> , 2018 , 101, 6462-6473	4	13
122	Review: New considerations to refine breeding objectives of dairy cows for increasing robustness and sustainability of grass-based milk production systems. <i>Animal</i> , 2018 , 12, s350-s362	3.1	12
121	Strategies to gain body condition score in pasture-based dairy cows during late lactation and the far-off nonlactating period and their interaction with close-up dry matter intake. <i>Journal of Dairy Science</i> , 2017 , 100, 1720-1738	4	16
120	Effects of precalving body condition and prepartum feeding level on gene expression in circulating neutrophils. <i>Journal of Dairy Science</i> , 2017 , 100, 2310-2322	4	12

119	Far-off and close-up dry matter intake modulate indicators of immunometabolic adaptations to lactation in subcutaneous adipose tissue of pasture-based transition dairy cows. <i>Journal of Dairy Science</i> , 2017 , 100, 2334-2350	4	21
118	Effect of circulating exosomes from transition cows on Madin-Darby bovine kidney cell function. <i>Journal of Dairy Science</i> , 2017 , 100, 5687-5700	4	8
117	Technical note: Evaluation of endogenous control gene expression in bovine neutrophils by reverse-transcription quantitative PCR using microfluidics gene expression arrays. <i>Journal of Dairy Science</i> , 2017 , 100, 6763-6771	4	5
116	Production and economic responses to intensification of pasture-based dairy production systems. <i>Journal of Dairy Science</i> , 2017 , 100, 6602-6619	4	36
115	Short communication: Proteins from circulating exosomes represent metabolic state in transition dairy cows. <i>Journal of Dairy Science</i> , 2016 , 99, 7661-7668	4	20
114	Milk Production and Fertility in Cattle. <i>Annual Review of Animal Biosciences</i> , 2016 , 4, 269-90	13.7	62
113	Prepartum feeding level and body condition score affect immunological performance in grazing dairy cows during the transition period. <i>Journal of Dairy Science</i> , 2016 , 99, 2329-2338	4	11
112	Once-daily milking during late lactation in pasture-fed dairy cows has minor effects on feed intake, body condition score gain, and hepatic gene expression. <i>Journal of Dairy Science</i> , 2016 , 99, 3041-3055	4	2
111	Body condition score and plane of nutrition prepartum affect adipose tissue transcriptome regulators of metabolism and inflammation in grazing dairy cows during the transition period. <i>Journal of Dairy Science</i> , 2016 , 99, 758-70	4	33
110	Plasma exosome profiles from dairy cows with divergent fertility phenotypes. <i>Journal of Dairy Science</i> , 2016 , 99, 7590-7601	4	15
109	Parturition in dairy cows temporarily alters the expression of genes in circulating neutrophils. <i>Journal of Dairy Science</i> , 2016 , 99, 6470-6483	4	34
108	Epigenetic regulation of pyruvate carboxylase gene expression in the postpartum liver. <i>Journal of Dairy Science</i> , 2016 , 99, 5820-5827	4	2
107	Increased stocking rate and associated strategic dry-off decision rules reduced the amount of nitrate-N leached under grazing. <i>Journal of Dairy Science</i> , 2016 , 99, 5916-5925	4	15
106	Effects of precalving body condition score and prepartum feeding level on production, reproduction, and health parameters in pasture-based transition dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 7164-82	4	57
105	Adipose and liver gene expression profiles in response to treatment with a nonsteroidal antiinflammatory drug after calving in grazing dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 3079-85	4	25
104	Factors associated with the financial performance of spring-calving, pasture-based dairy farms. <i>Journal of Dairy Science</i> , 2015 , 98, 3526-40	4	62
103	Grazing dairy cows had decreased interferon- γ tumor necrosis factor, and interleukin-17, and increased expression of interleukin-10 during the first week after calving. <i>Journal of Dairy Science</i> , 2015 , 98, 937-46	4	28
102	Growth targets and rearing strategies for replacement heifers in pasture-based systems: a review. <i>Animal Production Science</i> , 2015 , 55, 902	1.4	11

101	Managing the grazing dairy cow through the transition period: a review. <i>Animal Production Science</i> , 2015 , 55, 936	1.4	5
100	Invited review: An evaluation of the likely effects of individualized feeding of concentrate supplements to pasture-based dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 1363-401	4	64
99	Modulation of the immune system during postpartum uterine inflammation. <i>Physiological Genomics</i> , 2015 , 47, 89-101	3.6	12
98	Body condition score at calving affects systemic and hepatic transcriptome indicators of inflammation and nutrient metabolism in grazing dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 1019-32	4	65
97	Temporary alterations to postpartum milking frequency affect whole-lactation milk production and the energy status of pasture-grazed dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 6850-68	4	11
96	Amino acid concentrations in uterine fluid during early pregnancy differ in fertile and subfertile dairy cow strains. <i>Journal of Dairy Science</i> , 2014 , 97, 1364-76	4	9
95	Gene expression in liver and adipose tissue is altered during and after temporary changes to postpartum milking frequency. <i>Journal of Dairy Science</i> , 2014 , 97, 2701-17	4	4
94	Postpartal subclinical endometritis alters transcriptome profiles in liver and adipose tissue of dairy cows. <i>Bioinformatics and Biology Insights</i> , 2014 , 8, 45-63	5.3	12
93	The expression of genes involved in hepatic metabolism is altered by temporary changes to milking frequency. <i>Journal of Dairy Science</i> , 2014 , 97, 838-50	4	7
92	Efficiency of use of metabolizable energy for body weight gain in pasture-based, nonlactating dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 4639-48	4	6
91	Treatment with a nonsteroidal antiinflammatory drug after calving did not improve milk production, health, or reproduction parameters in pasture-grazed dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 2932-43	4	22
90	Nutritional management of the transition cow in the 21st century – a paradigm shift in thinking. <i>Animal Production Science</i> , 2013 , 53, 1000	1.4	79
89	Functional welfare – Using biochemical and molecular technologies to understand better the welfare state of periparturient dairy cattle. <i>Animal Production Science</i> , 2013 , 53, 931	1.4	44
88	Behavioral and physiological effects of a short-term feed restriction in lactating dairy cattle with different body condition scores at calving. <i>Journal of Dairy Science</i> , 2013 , 96, 4465-76	4	21
87	Expression of key lipid metabolism genes in adipose tissue is not altered by once-daily milking during a feed restriction of grazing dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 7753-64	4	5
86	Carbohydrate supplements and their effects on pasture dry matter intake, feeding behavior, and blood factors associated with intake regulation. <i>Journal of Dairy Science</i> , 2013 , 96, 7818-29	4	6
85	Calving body condition score affects indicators of health in grazing dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 5811-25	4	53
84	The effect of starch-, fiber-, or sugar-based supplements on nitrogen utilization in grazing dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 3857-66	4	22

83	Production and reproduction of Fleckvieh, Brown Swiss, and 2 strains of Holstein-Friesian cows in a pasture-based, seasonal-calving dairy system. <i>Journal of Dairy Science</i> , 2013 , 96, 5352-63	4	26
82	Erratum to Timing of supplementation alters grazing behavior and milk production response in dairy cows [J. Dairy Sci. 96:477-83]. <i>Journal of Dairy Science</i> , 2013 , 96, 1924	4	
81	Diurnal patterns of grazing behavior and humoral factors in supplemented dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 3201-10	4	15
80	Once-daily milking during a feed deficit decreases milk production but improves energy status in early lactating grazing dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 6274-84	4	18
79	Requirements for zero energy balance of nonlactating, pregnant dairy cows fed fresh autumn pasture are greater than currently estimated. <i>Journal of Dairy Science</i> , 2013 , 96, 4070-6	4	9
78	Timing of supplementation alters grazing behavior and milk production response in dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 477-83	4	25
77	Short communication: immediate and deferred milk production responses to concentrate supplements in cows grazing fresh pasture. <i>Journal of Dairy Science</i> , 2013 , 96, 2544-2550	4	14
76	Invited review: reduced milking frequency: milk production and management implications. <i>Journal of Dairy Science</i> , 2013 , 96, 3401-13	4	58
75	Climate-change effects and adaptation options for temperate pasture-based dairy farming systems: a review. <i>Grass and Forage Science</i> , 2013 , 68, 485-503	2.3	37
74	The responsiveness of subclinical endometritis to a nonsteroidal antiinflammatory drug in pasture-grazed dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 4323-32	4	20
73	Assessing and managing body condition score for the prevention of metabolic disease in dairy cows. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013 , 29, 323-36	4.6	49
72	Genetic ancestry modifies fatty acid concentrations in different adipose tissue depots and milk fat. <i>Journal of Dairy Research</i> , 2013 , 80, 197-204	1.6	4
71	DNA methylation is correlated with gene expression during early pregnancy in <i>Bos taurus</i> . <i>Physiological Genomics</i> , 2013 , 45, 276-86	3.6	12
70	Reducing milking frequency during nutrient restriction has no effect on the hepatic transcriptome of lactating dairy cattle. <i>Physiological Genomics</i> , 2013 , 45, 1157-67	3.6	10
69	Short communication: Genetic differences between New Zealand and North American dairy cows alter milk production and gluconeogenic enzyme expression. <i>Journal of Dairy Science</i> , 2012 , 95, 455-9	4	9
68	Associations among dairy cow body condition and welfare-associated behavioral traits. <i>Journal of Dairy Science</i> , 2012 , 95, 2595-601	4	21
67	Endometrial gene expression during early pregnancy differs between fertile and subfertile dairy cow strains. <i>Physiological Genomics</i> , 2012 , 44, 47-58	3.6	34
66	Evidence of genetic and maternal effects on secondary sex ratio in cattle. <i>Theriogenology</i> , 2011 , 75, 1039-44	2.84	18

65	Relationships between cytology, bacteriology and vaginal discharge scores and reproductive performance in dairy cattle. <i>Theriogenology</i> , 2011 , 76, 229-40	2.8	70
64	Short communication: Effect of stocking rate on the economics of pasture-based dairy farms. <i>Journal of Dairy Science</i> , 2011 , 94, 2581-6	4	37
63	Somatotropic axis and concentrate supplementation in grazing dairy cows of genetically diverse origin. <i>Journal of Dairy Science</i> , 2011 , 94, 303-15	4	26
62	Short communication: Responses to supplemental <i>Saccharomyces cerevisiae</i> fermentation product and triticale grain in dairy cows grazing high-quality pasture in early lactation. <i>Journal of Dairy Science</i> , 2011 , 94, 3119-23	4	
61	Genetic strain and diet effects on grazing behavior, pasture intake, and milk production. <i>Journal of Dairy Science</i> , 2011 , 94, 3583-91	4	35
60	Impact of defoliation severity on photosynthesis, carbon metabolism and transport gene expression in perennial ryegrass. <i>Functional Plant Biology</i> , 2011 , 38, 808-817	2.7	14
59	Nutrition × reproduction interaction in pasture-based systems: is nutrition a factor in reproductive failure?. <i>Animal Production Science</i> , 2011 , 51, 1045	1.4	27
58	Modification of endometrial fatty acid concentrations by the pre-implantation conceptus in pasture-fed dairy cows. <i>Journal of Dairy Research</i> , 2011 , 78, 263-9	1.6	11
57	Ovarian activity in Fleckvieh, Brown Swiss and two strains of Holstein-Friesian cows in pasture-based, seasonal calving dairy systems. <i>Journal of Dairy Research</i> , 2011 , 78, 464-70	1.6	8
56	Metabolic maturity at birth and neonate lamb survival: association among maternal factors, litter size, lamb birth weight, and plasma metabolic and endocrine factors on survival and behavior. <i>Journal of Animal Science</i> , 2010 , 88, 581-93	0.7	16
55	Plants modify biological processes to ensure survival following carbon depletion: a <i>Lolium perenne</i> model. <i>PLoS ONE</i> , 2010 , 5, e12306	3.7	17
54	Effects of divergent Holstein-Friesian strain and diet on diurnal patterns of plasma metabolites and hormones. <i>Journal of Dairy Research</i> , 2010 , 77, 432-7	1.6	9
53	Expression analysis of key somatotrophic axis and liporegulatory genes in ghrelin- and obestatin-infused dairy cows. <i>Domestic Animal Endocrinology</i> , 2010 , 39, 76-83	2.3	15
52	Dietary structural to nonfiber carbohydrate concentration during the transition period in grazing dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 3671-83	4	24
51	Short communication: Effects of dietary nonstructural carbohydrates pre- and postpartum on reproduction of grazing dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 4292-6	4	11
50	Short communication: Feed restriction around insemination did not alter birth sex ratio in lactating dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 5408-12	4	3
49	Relationships between endometritis and metabolic state during the transition period in pasture-grazed dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 5363-73	4	66
48	Modulation of the maternal immune system by the pre-implantation embryo. <i>BMC Genomics</i> , 2010 , 11, 474	4.5	86

47	Validation of reference genes for quantitative RT-PCR studies of gene expression in perennial ryegrass (<i>Lolium perenne</i> L.). <i>BMC Molecular Biology</i> , 2010 , 11, 8	4.5	110
46	Metabolic maturity at birth and neonate lamb survival and growth: the effects of maternal low-dose dexamethasone treatment. <i>Journal of Animal Science</i> , 2009 , 87, 3167-78	0.7	21
45	Weather, herbage quality and milk production in pastoral systems. 3. Inter-relationships and associations between weather variables and herbage growth rate, quality and mineral concentration. <i>Animal Production Science</i> , 2009 , 49, 211	1.4	21
44	Weather, herbage quality and milk production in pastoral systems. 1. Temporal patterns and intra-relationships in weather variables. <i>Animal Production Science</i> , 2009 , 49, 192	1.4	12
43	A compartmental model describing changes in progesterone concentrations during the oestrous cycle. <i>Journal of Dairy Research</i> , 2009 , 76, 249-56	1.6	11
42	Evaluation of real-time PCR endogenous control genes for analysis of gene expression in bovine endometrium. <i>BMC Molecular Biology</i> , 2009 , 10, 100	4.5	59
41	Interaction between water-soluble carbohydrate reserves and defoliation severity on the regrowth of perennial ryegrass (<i>Lolium perenne</i> L.)-dominant swards. <i>Grass and Forage Science</i> , 2009 , 64, 266-275	2.3	23
40	Insulin resistance in divergent strains of Holstein-Friesian dairy cows offered fresh pasture and increasing amounts of concentrate in early lactation. <i>Journal of Dairy Science</i> , 2009 , 92, 216-22	4	44
39	Somatotropic axis components and nutrient partitioning in genetically diverse dairy cows managed under different feed allowances in a pasture system. <i>Journal of Dairy Science</i> , 2009 , 92, 526-39	4	95
38	Comparing subpopulations of plasma progesterone using cluster analyses. <i>Journal of Dairy Science</i> , 2009 , 92, 1460-8	4	11
37	Extending lactation in pasture-based dairy cows. II: Effect of genetic strain and diet on plasma hormone and metabolite concentrations. <i>Journal of Dairy Science</i> , 2009 , 92, 3704-13	4	22
36	Genetic strain and reproductive status affect endometrial fatty acid concentrations. <i>Journal of Dairy Science</i> , 2009 , 92, 3723-30	4	16
35	Invited review: Body condition score and its association with dairy cow productivity, health, and welfare. <i>Journal of Dairy Science</i> , 2009 , 92, 5769-801	4	607
34	Weather, herbage quality and milk production in pastoral systems. 2. Temporal patterns and intra-relationships in herbage quality and mineral concentration parameters. <i>Animal Production Science</i> , 2009 , 49, 200	1.4	38
33	Weather, herbage quality and milk production in pastoral systems. 4. Effects on dairy cattle production. <i>Animal Production Science</i> , 2009 , 49, 222	1.4	16
32	Characterisation of phosphorus uptake by perennial ryegrass (<i>Lolium perenne</i> L.) during regrowth. <i>New Zealand Journal of Agricultural Research</i> , 2009 , 52, 195-202	1.9	3
31	Short communication: change in plasma ghrelin in dairy cows following an intravenous glucose challenge. <i>Journal of Dairy Science</i> , 2008 , 91, 1005-10	4	25
30	Effect of stocking rate on pasture production, milk production, and reproduction of dairy cows in pasture-based systems. <i>Journal of Dairy Science</i> , 2008 , 91, 2151-63	4	156

29	Short communication: effect of postgrazing residual pasture height on milk production. <i>Journal of Dairy Science</i> , 2008 , 91, 4307-11	4	12
28	Long-term infusions of ghrelin and obestatin in early lactation dairy cows. <i>Journal of Dairy Science</i> , 2008 , 91, 4728-40	4	20
27	A novel minimal model to describe non-esterified fatty acid kinetics in Holstein dairy cows. <i>Journal of Dairy Research</i> , 2008 , 75, 13-8	1.6	14
26	Neuroendocrine and physiological regulation of intake with particular reference to domesticated ruminant animals. <i>Nutrition Research Reviews</i> , 2008 , 21, 207-34	7	70
25	Effect of surface application of benzylaminopurine before and during water deficit on herbage production and quality. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 1232		
24	Effect of surface applied glycine betaine on herbage production and quality of perennial ryegrass - white clover pastures. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 687		2
23	Transcriptome analysis reveals season-specific rbcS gene expression profiles in diploid perennial ryegrass (<i>Lolium perenne</i> L.). <i>Plant Biotechnology Journal</i> , 2007 , 5, 146-61	11.6	13
22	Effect of a metabolically created systemic acidosis on calcium homeostasis and the diurnal variation in urine pH in the non-lactating pregnant dairy cow. <i>Journal of Dairy Research</i> , 2007 , 74, 34-9	1.6	17
21	Evaluation of a compartmental model to describe non-esterified fatty acid kinetics in Holstein dairy cows. <i>Journal of Dairy Research</i> , 2007 , 74, 430-7	1.6	4
20	Altering systemic acid-base balance through nutrition failed to change secondary sex ratio. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 887-90	1.8	2
19	Milk production responses to pre- and postcalving dry matter intake in grazing dairy cows. <i>Livestock Science</i> , 2007 , 110, 12-24	1.7	51
18	Describing the body condition score change between successive calvings: a novel strategy generalizable to diverse cohorts. <i>Journal of Dairy Science</i> , 2007 , 90, 4378-96	4	46
17	Relationships among body condition score, body weight, and milk production variables in pasture-based dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 3802-15	4	59
16	Effects of pasture feeding during the periparturient period on postpartum anovulation in grazed dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 4304-12	4	31
15	Invited review: New perspectives on the roles of nutrition and metabolic priorities in the subfertility of high-producing dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 4022-32	4	196
14	Body condition score and body weight effects on dystocia and stillbirths and consequent effects on postcalving performance. <i>Journal of Dairy Science</i> , 2007 , 90, 4201-11	4	108
13	Extending lactation in pasture-based dairy cows: I. Genotype and diet effect on milk and reproduction. <i>Journal of Dairy Science</i> , 2007 , 90, 5518-30	4	44
12	The effect of grazing severity and fertiliser application during winter on herbage regrowth and quality of perennial ryegrass (<i>Lolium perenne</i> L.). <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 825		32

11	Association between body condition score and live weight in pasture-based Holstein-Friesian dairy cows. <i>Journal of Dairy Research</i> , 2006 , 73, 487-91	1.6	24
10	Dry matter intake precalving in cows offered fresh and conserved pasture. <i>Journal of Dairy Research</i> , 2006 , 73, 273-6	1.6	4
9	Effects of dietary conjugated linoleic acid on production and metabolic parameters in transition dairy cows grazing fresh pasture. <i>Journal of Dairy Research</i> , 2006 , 73, 367-77	1.6	28
8	A comparison between feeding systems (pasture and TMR) and the effect of vitamin E supplementation on plasma and milk fatty acid profiles in dairy cows. <i>Journal of Dairy Research</i> , 2005 , 72, 322-32	1.6	92
7	Nutritional strategies for the prevention of hypocalcaemia at calving for dairy cows in pasture-based systems. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 755		30
6	Effects on milk production of increased dietary crude protein by feeding nitrogen-fertilised turnips or lupins to dairy cows in mid-lactation. <i>Australian Journal of Experimental Agriculture</i> , 2002 , 42, 1		9
5	A review of the energy and protein nutrition of dairy cows through their dry period and its impact on early lactation performance. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 737		15
4	More frequent allocation of herbage does not improve the milk production of dairy cows in early lactation. <i>Australian Journal of Experimental Agriculture</i> , 2001 , 41, 593		28
3	Variations in the dietary cation-anion difference and the acid-base balance of dairy cows on a pasture-based diet in south-eastern Australia. <i>Grass and Forage Science</i> , 2000 , 55, 26-36	2.3	21
2	Turnips and protein supplements for lactating dairy cows. <i>Australian Journal of Experimental Agriculture</i> , 1999 , 39, 389		13
1	Dry matter intake, nutrient selection and milk production of dairy cows grazing rainfed perennial pastures at different herbage allowances in spring. <i>Australian Journal of Experimental Agriculture</i> , 1999 , 39, 923		49