

# Alex Bach

## 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.

140  
papers

4,675  
citations

38  
h-index

62  
g-index

147  
ext. papers

5,543  
ext. citations

3  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
140	Short communication: Is it better to calve alone or in groups? A pilot study. <i>Livestock Science</i> , <b>2022</b> , 257, 104846	1.7	
139	Milk performance and rumen microbiome of dairy cows as affected by the inclusion of corn silage or corn shredlage in a total mixed ration. <i>Animal</i> , <b>2021</b> , 15, 100014	3.1	1
138	Piecewise modeling of the associations between dry period length and milk, fat, and protein yield changes in the subsequent lactation. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 486-500	4	2
137	Using compositional mixed-effects models to evaluate responses to amino acid supplementation in milk replacers for calves. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 7808-7819	4	0
136	Invited Review: Advances in efficiency of growing dairy replacements. <i>Applied Animal Science</i> , <b>2021</b> , 37, 404-417	1.2	0
135	Evaluating the potential role of tryptophan in calf milk replacers to facilitate weaning. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 7009-7017	4	0
134	Symposium review: Decomposing efficiency of milk production and maximizing profit. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5709-5725	4	17
133	A Meta-analysis Describing the Effects of the Essential oils Blend Agolin Ruminant on Performance, Rumen Fermentation and Methane Emissions in Dairy Cows. <i>Animals</i> , <b>2020</b> , 10,	3.1	25
132	Short communication: Recombinant mammary serum amyloid A3 as a potential strategy for preventing intramammary infections in dairy cows at dryoff. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 3615-3621	4	4
131	Short communication: Performance, intestinal permeability, and metabolic profile of calves fed a milk replacer supplemented with glutamic acid. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 433-438	4	2
130	Potential of MMP-9 based nanoparticles at optimizing the cow dry period: pulling apart the effects of MMP-9 and nanoparticles. <i>Scientific Reports</i> , <b>2020</b> , 10, 11299	4.9	4
129	Effects of spray-dried plasma protein in diets of early lactation dairy cows on health, milking and reproductive performance. <i>Animal Feed Science and Technology</i> , <b>2019</b> , 257, 114266	3	1
128	Effects of a blend of essential oils on milk yield and feed efficiency of lactating dairy cows. <i>Applied Animal Science</i> , <b>2019</b> , 35, 304-311	1.2	18
127	Changes in the rumen and colon microbiota and effects of live yeast dietary supplementation during the transition from the dry period to lactation of dairy cows. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 6180-6198	4	30
126	Exploring the use of tertiary reclaimed water in dairy cattle production. <i>Journal of Cleaner Production</i> , <b>2019</b> , 229, 964-973	10.3	5
125	Effect of particle size of a mash concentrate on behavior, digestibility, and macroscopic and microscopic integrity of the digestive tract in Holstein bulls fed intensively. <i>Translational Animal Science</i> , <b>2019</b> , 3, 473-484	1.4	2
124	Feeding Pasteurized Waste Milk to Preweaned Dairy Calves Changes Fecal and Upper Respiratory Tract Microbiota. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 159	3.1	14

123	Whole rumen metagenome sequencing allows classifying and predicting feed efficiency and intake levels in cattle. <i>Scientific Reports</i> , <b>2019</b> , 9, 11	4.9	45
122	Changes in gene expression in the rumen and colon epithelia during the dry period through lactation of dairy cows and effects of live yeast supplementation. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 2631-2640	4	24
121	Pre-calving Intravaginal Administration of Lactic Acid Bacteria Reduces Metritis Prevalence and Regulates Blood Neutrophil Gene Expression After Calving in Dairy Cattle. <i>Frontiers in Veterinary Science</i> , <b>2018</b> , 5, 135	3.1	13
120	Effects of flavonoids extracted from Citrus aurantium on performance, eating and animal behavior, rumen health, and carcass quality in Holstein bulls fed high-concentrate diets. <i>Animal Feed Science and Technology</i> , <b>2018</b> , 246, 114-126	3	6
119	Effects of nutrition and genetics on fertility in dairy cows. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 31, 40-54	1.8	6
118	Effects of oral administration of acidogenic boluses at dry-off on performance and behavior of dairy cattle. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 11342-11353	4	2
117	Effects of fat inclusion in starter feeds for dairy calves by mixing increasing levels of a high-fat extruded pellet with a conventional highly fermentable pellet. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 10962-10972 <sup>10</sup>	4	10
116	A new approach to obtain pure and active proteins from Lactococcus lactis protein aggregates. <i>Scientific Reports</i> , <b>2018</b> , 8, 13917	4.9	24
115	Modulation of rumen pH by sodium bicarbonate and a blend of different sources of magnesium oxide in lactating dairy cows submitted to a concentrate challenge. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 9777-9788	4	11
114	Letter to the Editor: A response to Kertz (2017): Extension and clarification of a call for more complete reporting and evaluation of experimental methods, physical forms of starters, and results in calf research. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 853-854	4	
113	Robotic milking: Feeding strategies and economic returns. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7720-7728	4	24
112	Effects of intravaginal lactic acid bacteria on bovine endometrium: Implications in uterine health. <i>Veterinary Microbiology</i> , <b>2017</b> , 204, 174-179	3.3	13
111	Trends in recombinant protein use in animal production. <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 40	6.4	24
110	Consequences of supplying methyl donors during pregnancy on the methylome of the offspring from lactating and non-lactating dairy cattle. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189581	3.7	6
109	Influence of milk processing temperature on growth performance, nitrogen retention, and hindgut's inflammatory status and bacterial populations in a calf model. <i>Journal of Dairy Research</i> , <b>2017</b> , 84, 355-359	1.6	5
108	Effect of feeder design and concentrate presentation form on performance, carcass characteristics, and behavior of fattening Holstein bulls fed high-concentrate diets. <i>Animal Feed Science and Technology</i> , <b>2017</b> , 232, 148-159	3	8
107	Effects of Peptin supplementation on ruminal microbiota and in situ feed degradability in dairy cows. <i>Animal Feed Science and Technology</i> , <b>2017</b> , 231, 89-96	3	
106	Associations between subclinical hypocalcemia and postparturient diseases in dairy cows. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7427-7434	4	59

105	A combination of lactic acid bacteria regulates Escherichia coli infection and inflammation of the bovine endometrium. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 479-492	4	23
104	Functional protein-based nanomaterial produced in microorganisms recognized as safe: A new platform for biotechnology. <i>Acta Biomaterialia</i> , <b>2016</b> , 43, 230-239	10.8	34
103	Case Study: Lying behavior of dairy cows presented with different cubicle arrangements. <i>The Professional Animal Scientist</i> , <b>2016</b> , 32, 110-114		1
102	Behavior and inflammation of the rumen and cecum in Holstein bulls fed high-concentrate diets with different concentrate presentation forms with or without straw supplementation. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 3902-3917	0.7	18
101	The importance of calf sensory and physical preferences for starter concentrates during pre- and postweaning periods. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 7133-7142	4	4
100	Assessing Farm Animal Welfare from a Nutritional Perspective. <i>Animal Welfare</i> , <b>2016</b> , 115-134	1	0
99	Potential of lactic acid bacteria at regulating Escherichia coli infection and inflammation of bovine endometrium. <i>Theriogenology</i> , <b>2016</b> , 85, 625-37	2.8	17
98	Invited review: Transitioning from milk to solid feed in dairy heifers. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 885-902	4	159
97	Effects of supplementing a milk replacer with sodium butyrate or tributyrin on performance and metabolism of Holstein calves. <i>Animal Production Science</i> , <b>2016</b> , 56, 1834	1.4	10
96	Feeding Cattle for Improved Productivity, Health, and Welfare in Modern Farming Enterprises. <i>Animal Welfare</i> , <b>2016</b> , 165-182	1	
95	Influence of a mixture of cinnamaldehyde and garlic oil on rumen fermentation, feeding behavior and performance of lactating dairy cows. <i>Animal Feed Science and Technology</i> , <b>2016</b> , 219, 313-323	3	19
94	Effect of concentrate presentation form on concentrate wastage, eating pattern, and concentrate preference in Holstein bulls fed a finishing high-concentrate diet. <i>Animal Feed Science and Technology</i> , <b>2016</b> , 219, 257-267	3	2
93	Intestinal permeability and incidence of diarrhea in newborn calves. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 7309-17	4	26
92	Arginine supplementation between 41 and 146 days of pregnancy reduces uterine blood flow in dairy heifers. <i>Theriogenology</i> , <b>2015</b> , 84, 43-50	2.8	9
91	Short- and long-term effects of forage supplementation of calves during the preweaning period on performance, reproduction, and milk yield at first lactation. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 4748-53	4	8
90	Short- and medium-term changes in performance and metabolism of dairy calves offered different amounts of milk replacers. <i>Livestock Science</i> , <b>2015</b> , 181, 249-255	1.7	24
89	Short communication: The effects of cabergoline administration at dry-off of lactating cows on udder engorgement, milk leakages, and lying behavior. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 7097-101	4	18
88	Interaction between the physical form of the starter feed and straw provision on growth performance of Holstein calves. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 1101-9	4	29

87	Fattening Holstein heifers by feeding high-moisture corn (whole or ground) ad libitum separately from concentrate and straw. <i>Journal of Animal Science</i> , <b>2015</b> , 93, 4903-16	0.7	8
86	Past, present, and future of epigenetics applied to livestock breeding. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 305	4.5	38
85	Effect of concentrate feeder design on performance, eating and animal behavior, welfare, ruminal health, and carcass quality in Holstein bulls fed high-concentrate diets. <i>Journal of Animal Science</i> , <b>2015</b> , 93, 3018-33	0.7	12
84	Association between chelated trace mineral supplementation and milk yield, reproductive performance, and lameness in dairy cattle. <i>Livestock Science</i> , <b>2015</b> , 182, 69-75	1.7	7
83	Effect of <i>Saccharomyces cerevisiae</i> CNCM I-1077 supplementation on performance and rumen microbiota of dairy calves. <i>The Professional Animal Scientist</i> , <b>2015</b> , 31, 153-158		6
82	Interaction between milk allowance and fat content of the starter feed on performance of Holstein calves. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 6511-8	4	13
81	Effect of dietary energy density and meal size on growth performance, eating pattern, and carcass and meat quality in Holstein steers fed high-concentrate diets. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 3515-25	0.7	4
80	Dietary preference in dairy calves for feed ingredients high in energy and protein. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 1634-44	4	11
79	The effect of palatability of protein source on dietary selection in dairy calves. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 4444-54	4	14
78	Effects of particle size and moisture levels in mixed rations on the feeding behavior of dairy heifers. <i>Animal</i> , <b>2014</b> , 8, 1722-7	3.1	12
77	Mammary serum amyloid A3 activates involution of the mammary gland in dairy cows. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 7595-605	4	11
76	Performance and health responses of dairy calves offered different milk replacer allowances. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 7790-7	4	39
75	Short communication: insulin responsiveness is affected by the level of milk replacer offered to young calves. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 4634-7	4	37
74	Effect of physical form of forage on performance, feeding behavior, and digestibility of Holstein calves. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 1117-24	4	59
73	What do preweaned and weaned calves need in the diet: a high fiber content or a forage source?. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5217-25	4	75
72	Effect of castration and slaughter age on performance, carcass, and meat quality traits of Holstein calves fed a high-concentrate diet. <i>Journal of Animal Science</i> , <b>2013</b> , 91, 1129-40	0.7	33
71	Description of a novel viral tool to identify and quantify ovine faecal pollution in the environment. <i>Science of the Total Environment</i> , <b>2013</b> , 458-460, 355-60	10.2	10
70	Effects of forage provision to young calves on rumen fermentation and development of the gastrointestinal tract. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5226-36	4	94

69	Short communication: Comparison of pH, volatile fatty acids, and microbiome of rumen samples from preweaned calves obtained via cannula or stomach tube. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5290-4	4	21
68	Effect of early exposure to mixed rations differing in forage particle size on feed sorting of dairy calves. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 3257-64	4	20
67	Effect of different forage sources on performance and feeding behavior of Holstein calves. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 286-93	4	116
66	Blocking opioid receptors alters short-term feed intake and oro-sensorial preferences in weaned calves. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 2531-9	4	11
65	Ruminant Nutrition Symposium: Optimizing Performance of the Offspring: nourishing and managing the dam and postnatal calf for optimal lactation, reproduction, and immunity. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 1835-45	0.7	82
64	Short communication: lying behavior of lactating dairy cows is influenced by lameness especially around feeding time. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 6546-9	4	37
63	Voluntary selection of starter feed ingredients offered separately to nursing calves. <i>Livestock Science</i> , <b>2012</b> , 149, 62-69	1.7	15
62	Development of a method to evaluate oro-sensory preferences in weaned calves. <i>Livestock Science</i> , <b>2012</b> , 150, 374-380	1.7	6
61	Effects of castration on eating pattern and physical activity of Holstein bulls fed high-concentrate rations under commercial conditions. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 4505-13	0.7	21
60	Interactions between mild nutrient imbalance and taste preferences in young ruminants. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 1015-25	0.7	21
59	Recombinant expression of goat milk serum amyloid A: preliminary studies of the protein and derived peptides on macrophage phagocytosis. <i>Protein and Peptide Letters</i> , <b>2012</b> , 19, 299-307	1.9	9
58	Trans-generational effect of maternal lactation during pregnancy: a Holstein cow model. <i>PLoS ONE</i> , <b>2012</b> , 7, e51816	3.7	52
57	Performance, immune response and fatty acid profile in lambs supplemented with a CLA-mixture. <i>Animal Feed Science and Technology</i> , <b>2011</b> , 165, 1-7	3	9
56	Effect of flavoring a starter in a same manner as a milk replacer on intake and performance of calves. <i>Animal Feed Science and Technology</i> , <b>2011</b> , 164, 130-134	3	9
55	The use of glycerine in rations for light lamb during the fattening period. <i>Animal Feed Science and Technology</i> , <b>2011</b> , 164, 262-267	3	19
54	Effect of vitamin A restriction on performance and meat quality in finishing Holstein bulls and steers. <i>Meat Science</i> , <b>2011</b> , 89, 412-8	6.4	19
53	Associations between several aspects of heifer development and dairy cow survivability to second lactation. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 1052-7	4	101
52	Effects of group composition on the incidence of respiratory afflictions in group-housed calves after weaning. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 2001-6	4	7

51	Feeding behavior and performance of lambs are influenced by flavor diversity. <i>Journal of Animal Science</i> , <b>2011</b> , 89, 2571-81	0.7	31
50	Heat identification by 17 $\beta$ -estradiol and progesterone quantification in individual raw milk samples by enzyme immunoassay. <i>Electronic Journal of Biotechnology</i> , <b>2011</b> , 14,	3.1	2
49	Effects of ring castration with local anesthesia and analgesia in Holstein calves at 3 months of age on welfare indicators. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 2789-96	0.7	31
48	Effects of acarbose on ruminal fermentation, blood metabolites and microbial profile involved in ruminal acidosis in lactating cows fed a high-carbohydrate ration. <i>Journal of Dairy Research</i> , <b>2010</b> , 77, 123-8	1.6	10
47	Effects of feeding method and physical form of starter on feed intake and performance of dairy replacement calves. <i>Livestock Science</i> , <b>2010</b> , 128, 82-86	1.7	2
46	Optimizing weaning strategies of dairy replacement calves. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 413-9	4	16
45	Development of a quantitative PCR assay for the quantitation of bovine polyomavirus as a microbial source-tracking tool. <i>Journal of Virological Methods</i> , <b>2010</b> , 163, 385-9	2.6	52
44	Long-term effects on heifer performance of an enhanced-growth feeding programme applied during the preweaning period. <i>Journal of Dairy Research</i> , <b>2009</b> , 76, 331-9	1.6	48
43	Ostertagia ostertagi antibodies in milk samples: relationships with herd management and milk production parameters in two Mediterranean production systems of Spain. <i>Research in Veterinary Science</i> , <b>2009</b> , 87, 416-20	2.5	10
42	Effects of Saccharomyces cerevisiae on ruminal pH and microbial fermentation in dairy cows: Yeast supplementation on rumen fermentation. <i>Livestock Science</i> , <b>2009</b> , 124, 261-265	1.7	67
41	Burdizzo pre-pubertal castration effects on performance, behaviour, carcass characteristics, and meat quality of Holstein bulls fed high-concentrate diets. <i>Meat Science</i> , <b>2009</b> , 81, 329-34	6.4	37
40	Forced traffic in automatic milking systems effectively reduces the need to get cows, but alters eating behavior and does not improve milk yield of dairy cattle. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 1272-80	4	24
39	Effects of extruded linseed supplementation on n-3 fatty acids and conjugated linoleic acid in milk and cheese from ewes. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4122-34	4	89
38	Effects of crude glycerin supplementation on performance and meat quality of Holstein bulls fed high-concentrate diets. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 632-8	0.7	121
37	Influence of diets rich in flax seed and sunflower oil on the fatty acid composition of ewes' milk fat especially on the level of conjugated linoleic acid, n-3 and n-6 fatty acids. <i>International Dairy Journal</i> , <b>2008</b> , 18, 99-107	3.5	37
36	Association between animal, transportation, slaughterhouse practices, and meat pH in beef. <i>Meat Science</i> , <b>2008</b> , 78, 232-8	6.4	103
35	Effects of active dry yeasts on the rumen microbial ecosystem: Past, present and future. <i>Animal Feed Science and Technology</i> , <b>2008</b> , 145, 5-26	3	227
34	Record keeping and economics of dairy heifers. <i>Veterinary Clinics of North America - Food Animal Practice</i> , <b>2008</b> , 24, 117-38	4.6	49

33	Effect of a diet enriched in whole linseed and sunflower oil on goat milk fatty acid composition and conjugated linoleic acid isomer profile. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 20-8	4	49
32	Associations between nondietary factors and dairy herd performance. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 3259-67	4	57
31	Evaluation of the fermentation dynamics of soluble crude protein from three protein sources in continuous culture fermenters. <i>Journal of Animal Science</i> , <b>2008</b> , 86, 1364-71	0.7	17
30	Effect of the number of concentrate feeding places per pen on performance, behavior, and welfare indicators of Friesian calves during the first month after arrival at the feedlot. <i>Journal of Animal Science</i> , <b>2008</b> , 86, 419-31	0.7	20
29	Performance, behavior, and welfare of Friesian heifers housed in pens with two, four, and eight individuals per concentrate feeding place. <i>Journal of Animal Science</i> , <b>2008</b> , 86, 1446-58	0.7	48
28	Changes in rumen microbial fermentation are due to a combined effect of type of diet and pH. <i>Journal of Animal Science</i> , <b>2008</b> , 86, 702-11	0.7	93
27	Associations between lameness and production, feeding and milking attendance of Holstein cows milked with an automatic milking system. <i>Journal of Dairy Research</i> , <b>2007</b> , 74, 40-6	1.6	75
26	Daily rumen pH pattern of loose-housed dairy cattle as affected by feeding pattern and live yeast supplementation. <i>Animal Feed Science and Technology</i> , <b>2007</b> , 136, 146-153	3	99
25	Effects of plant extract supplementation on rumen fermentation and metabolism in young Holstein bulls consuming high levels of concentrate. <i>Animal Feed Science and Technology</i> , <b>2007</b> , 137, 46-57	3	24
24	Effects of mannan oligosaccharides on performance and microorganism fecal counts of calves following an enhanced-growth feeding program. <i>Animal Feed Science and Technology</i> , <b>2007</b> , 137, 115-123		30
23	Effect of level of milk replacer fed to Holstein calves on performance during the preweaning period and starter digestibility at weaning. <i>Livestock Science</i> , <b>2007</b> , 110, 82-88	1.7	110
22	Effects of physical form of a starter for dairy replacement calves on feed intake and performance. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 3028-33	4	46
21	Effect of amount of concentrate offered in automatic milking systems on milking frequency, feeding behavior, and milk production of dairy cattle consuming high amounts of corn silage. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 5049-55	4	32
20	Performance and behaviour of calves reared in groups or individually following an enhanced-growth feeding programme. <i>Journal of Dairy Research</i> , <b>2006</b> , 73, 480-6	1.6	13
19	Performance and feeding behavior of primiparous cows loose housed alone or together with multiparous cows. <i>Journal of Dairy Science</i> , <b>2006</b> , 89, 337-42	4	17
18	Performance and nitrogen metabolism of calves fed conventionally or following an enhanced-growth feeding program during the preweaning period. <i>Livestock Science</i> , <b>2006</b> , 105, 109-119	1.7	42
17	Increasing the amount of n-3 fatty acid in meat from young Holstein bulls through nutrition. <i>Journal of Animal Science</i> , <b>2006</b> , 84, 3039-48	0.7	62
16	Growth Effects of Regrouping Dairy Replacement Heifers with Lighter Weight and Younger Animals. <i>The Professional Animal Scientist</i> , <b>2006</b> , 22, 358-361		1



15	Nitrogen metabolism in the rumen. <i>Journal of Dairy Science</i> , <b>2005</b> , 88 Suppl 1, E9-21	4	350
14	Effects on milk yield of milking interval regularity and teat cup attachment failures with robotic milking systems. <i>Journal of Dairy Research</i> , <b>2005</b> , 72, 101-6	1.6	30
13	Glucose metabolism in lactating cows in response to isoenergetic infusions of propionic acid or duodenal glucose. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 1767-77	4	45
12	Technical note: a computerized system for monitoring feeding behavior and individual feed intake of dairy cattle. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 4207-9	4	40
11	Quantitative review of in situ starch degradation in the rumen. <i>Animal Feed Science and Technology</i> , <b>2003</b> , 106, 81-93	3	160
10	Lactational effect of propionic acid and duodenal glucose in cows. <i>Journal of Dairy Science</i> , <b>2003</b> , 86, 243-53	4	99
9	Effects of patulin on rumen microbial fermentation in continuous culture fermenters. <i>Animal Feed Science and Technology</i> , <b>2002</b> , 97, 239-246	3	16
8	Effects of carbohydrates from citrus pulp and hominy feed on microbial fermentation in continuous culture. <i>Journal of Animal Science</i> , <b>2001</b> , 79, 2713-8	0.7	34
7	Response of nitrogen metabolism in preparturient dairy cows to methionine supplementation. <i>Journal of Animal Science</i> , <b>2000</b> , 78, 742-9	0.7	15
6	Measuring resistance to ruminal degradation and bioavailability of ruminally protected methionine. <i>Animal Feed Science and Technology</i> , <b>2000</b> , 84, 23-32	3	12
5	Nitrogen metabolism of early lactation cows fed diets with two different levels of protein and different amino acid profiles. <i>Journal of Dairy Science</i> , <b>2000</b> , 83, 2585-95	4	50
4	Effects of different levels of methionine and ruminally undegradable protein on the amino acid profile of effluent from continuous culture fermenters. <i>Journal of Animal Science</i> , <b>1999</b> , 77, 3377-84	0.7	22
3	Effects of type of carbohydrate supplementation to lush pasture on microbial fermentation in continuous culture. <i>Journal of Dairy Science</i> , <b>1999</b> , 82, 153-60	4	64
2	Evaluation of selected mathematical approaches to the kinetics of protein degradation in situ. <i>Journal of Animal Science</i> , <b>1998</b> , 76, 2885-93	0.7	5
1	Alternative techniques for measuring nutrient digestion in ruminants. <i>Journal of Animal Science</i> , <b>1997</b> , 75, 2256-76	0.7	78