

Alex Bach

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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	Nitrogen metabolism in the rumen. <i>Journal of Dairy Science</i> , 2005 , 88 Suppl 1, E9-21	4	350
139	Effects of active dry yeasts on the rumen microbial ecosystem: Past, present and future. <i>Animal Feed Science and Technology</i> , 2008 , 145, 5-26	3	227
138	Quantitative review of in situ starch degradation in the rumen. <i>Animal Feed Science and Technology</i> , 2003 , 106, 81-93	3	160
137	Invited review: Transitioning from milk to solid feed in dairy heifers. <i>Journal of Dairy Science</i> , 2016 , 99, 885-902	4	159
136	Effects of crude glycerin supplementation on performance and meat quality of Holstein bulls fed high-concentrate diets. <i>Journal of Animal Science</i> , 2009 , 87, 632-8	0.7	121
135	Effect of different forage sources on performance and feeding behavior of Holstein calves. <i>Journal of Dairy Science</i> , 2012 , 95, 286-93	4	116
134	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> , 2007 , 110, 82-88	1.7	110
133	Association between animal, transportation, slaughterhouse practices, and meat pH in beef. <i>Meat Science</i> , 2008 , 78, 232-8	6.4	103
132	Associations between several aspects of heifer development and dairy cow survivability to second lactation. <i>Journal of Dairy Science</i> , 2011 , 94, 1052-7	4	101
131	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> , 2007 , 136, 146-153	3	99
130	Lactational effect of propionic acid and duodenal glucose in cows. <i>Journal of Dairy Science</i> , 2003 , 86, 243-53	4	99
129	Effects of forage provision to young calves on rumen fermentation and development of the gastrointestinal tract. <i>Journal of Dairy Science</i> , 2013 , 96, 5226-36	4	94
128	Changes in rumen microbial fermentation are due to a combined effect of type of diet and pH. <i>Journal of Animal Science</i> , 2008 , 86, 702-11	0.7	93
127	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> , 2009 , 92, 4122-34	4	89
126	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> , 2012 , 90, 1835-45	0.7	82
125	Alternative techniques for measuring nutrient digestion in ruminants. <i>Journal of Animal Science</i> , 1997 , 75, 2256-76	0.7	78
124	What do preweaned and weaned calves need in the diet: a high fiber content or a forage source?. <i>Journal of Dairy Science</i> , 2013 , 96, 5217-25	4	75

123	Associations between lameness and production, feeding and milking attendance of Holstein cows milked with an automatic milking system. <i>Journal of Dairy Research</i> , 2007 , 74, 40-6	1.6	75
122	Effects of <i>Saccharomyces cerevisiae</i> on ruminal pH and microbial fermentation in dairy cows: Yeast supplementation on rumen fermentation. <i>Livestock Science</i> , 2009 , 124, 261-265	1.7	67
121	Effects of type of carbohydrate supplementation to lush pasture on microbial fermentation in continuous culture. <i>Journal of Dairy Science</i> , 1999 , 82, 153-60	4	64
120	Increasing the amount of n-3 fatty acid in meat from young Holstein bulls through nutrition. <i>Journal of Animal Science</i> , 2006 , 84, 3039-48	0.7	62
119	Effect of physical form of forage on performance, feeding behavior, and digestibility of Holstein calves. <i>Journal of Dairy Science</i> , 2013 , 96, 1117-24	4	59
118	Associations between subclinical hypocalcemia and postparturient diseases in dairy cows. <i>Journal of Dairy Science</i> , 2017 , 100, 7427-7434	4	59
117	Associations between nondietary factors and dairy herd performance. <i>Journal of Dairy Science</i> , 2008 , 91, 3259-67	4	57
116	Development of a quantitative PCR assay for the quantitation of bovine polyomavirus as a microbial source-tracking tool. <i>Journal of Virological Methods</i> , 2010 , 163, 385-9	2.6	52
115	Trans-generational effect of maternal lactation during pregnancy: a Holstein cow model. <i>PLoS ONE</i> , 2012 , 7, e51816	3.7	52
114	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> , 2000 , 83, 2585-95	4	50
113	Record keeping and economics of dairy heifers. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2008 , 24, 117-38	4.6	49
112	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> , 2008 , 91, 20-8	4	49
111	Long-term effects on heifer performance of an enhanced-growth feeding programme applied during the preweaning period. <i>Journal of Dairy Research</i> , 2009 , 76, 331-9	1.6	48
110	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> , 2008 , 86, 1446-58	0.7	48
109	Effects of physical form of a starter for dairy replacement calves on feed intake and performance. <i>Journal of Dairy Science</i> , 2007 , 90, 3028-33	4	46
108	Glucose metabolism in lactating cows in response to isoenergetic infusions of propionic acid or duodenal glucose. <i>Journal of Dairy Science</i> , 2004 , 87, 1767-77	4	45
107	Whole rumen metagenome sequencing allows classifying and predicting feed efficiency and intake levels in cattle. <i>Scientific Reports</i> , 2019 , 9, 11	4.9	45
106	Performance and nitrogen metabolism of calves fed conventionally or following an enhanced-growth feeding program during the preweaning period. <i>Livestock Science</i> , 2006 , 105, 109-119	1.7	42

105	Technical note: a computerized system for monitoring feeding behavior and individual feed intake of dairy cattle. <i>Journal of Dairy Science</i> , 2004 , 87, 4207-9	4	40
104	Performance and health responses of dairy calves offered different milk replacer allowances. <i>Journal of Dairy Science</i> , 2013 , 96, 7790-7	4	39
103	Past, present, and future of epigenetics applied to livestock breeding. <i>Frontiers in Genetics</i> , 2015 , 6, 305	4.5	38
102	Short communication: insulin responsiveness is affected by the level of milk replacer offered to young calves. <i>Journal of Dairy Science</i> , 2013 , 96, 4634-7	4	37
101	Short communication: lying behavior of lactating dairy cows is influenced by lameness especially around feeding time. <i>Journal of Dairy Science</i> , 2012 , 95, 6546-9	4	37
100	Burdizzo pre-pubertal castration effects on performance, behaviour, carcass characteristics, and meat quality of Holstein bulls fed high-concentrate diets. <i>Meat Science</i> , 2009 , 81, 329-34	6.4	37
99	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> , 2008 , 18, 99-107	3.5	37
98	Functional protein-based nanomaterial produced in microorganisms recognized as safe: A new platform for biotechnology. <i>Acta Biomaterialia</i> , 2016 , 43, 230-239	10.8	34
97	Effects of carbohydrates from citrus pulp and hominy feed on microbial fermentation in continuous culture. <i>Journal of Animal Science</i> , 2001 , 79, 2713-8	0.7	34
96	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> , 2013 , 91, 1129-40	0.7	33
95	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> , 2007 , 90, 5049-55	4	32
94	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> , 2010 , 88, 2789-96	0.7	31
93	Feeding behavior and performance of lambs are influenced by flavor diversity. <i>Journal of Animal Science</i> , 2011 , 89, 2571-81	0.7	31
92	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> , 2019 , 102, 6180-6198	4	30
91	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> , 2007 , 137, 115-123	3	30
90	Effects on milk yield of milking interval regularity and teat cup attachment failures with robotic milking systems. <i>Journal of Dairy Research</i> , 2005 , 72, 101-6	1.6	30
89	Interaction between the physical form of the starter feed and straw provision on growth performance of Holstein calves. <i>Journal of Dairy Science</i> , 2015 , 98, 1101-9	4	29
88	Intestinal permeability and incidence of diarrhea in newborn calves. <i>Journal of Dairy Science</i> , 2015 , 98, 7309-17	4	26

87	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> , 2020 , 10,	3.1	25
86	Robotic milking: Feeding strategies and economic returns. <i>Journal of Dairy Science</i> , 2017 , 100, 7720-7728,	4	24
85	Trends in recombinant protein use in animal production. <i>Microbial Cell Factories</i> , 2017 , 16, 40	6.4	24
84	Short- and medium-term changes in performance and metabolism of dairy calves offered different amounts of milk replacers. <i>Livestock Science</i> , 2015 , 181, 249-255	1.7	24
83	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> , 2018 , 101, 2631-2640	4	24
82	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> , 2009 , 92, 1272-80	4	24
81	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> , 2007 , 137, 46-57	3	24
80	A new approach to obtain pure and active proteins from <i>Lactococcus lactis</i> protein aggregates. <i>Scientific Reports</i> , 2018 , 8, 13917	4.9	24
79	A combination of lactic acid bacteria regulates <i>Escherichia coli</i> infection and inflammation of the bovine endometrium. <i>Journal of Dairy Science</i> , 2017 , 100, 479-492	4	23
78	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> , 1999 , 77, 3377-84	0.7	22
77	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> , 2013 , 96, 5290-4	4	21
76	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> , 2012 , 90, 4505-13	0.7	21
75	Interactions between mild nutrient imbalance and taste preferences in young ruminants. <i>Journal of Animal Science</i> , 2012 , 90, 1015-25	0.7	21
74	Effect of early exposure to mixed rations differing in forage particle size on feed sorting of dairy calves. <i>Journal of Dairy Science</i> , 2013 , 96, 3257-64	4	20
73	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> , 2008 , 86, 419-31	0.7	20
72	The use of glycerine in rations for light lamb during the fattening period. <i>Animal Feed Science and Technology</i> , 2011 , 164, 262-267	3	19
71	Effect of vitamin A restriction on performance and meat quality in finishing Holstein bulls and steers. <i>Meat Science</i> , 2011 , 89, 412-8	6.4	19
70	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> , 2016 , 219, 313-323	3	19

69	Effects of a blend of essential oils on milk yield and feed efficiency of lactating dairy cows. <i>Applied Animal Science</i> , 2019 , 35, 304-311	1.2	18
68	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> , 2015 , 98, 7097-101	4	18
67	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> , 2016 , 94, 3902-3917	0.7	18
66	Symposium review: Decomposing efficiency of milk production and maximizing profit. <i>Journal of Dairy Science</i> , 2020 , 103, 5709-5725	4	17
65	Potential of lactic acid bacteria at regulating Escherichia coli infection and inflammation of bovine endometrium. <i>Theriogenology</i> , 2016 , 85, 625-37	2.8	17
64	Evaluation of the fermentation dynamics of soluble crude protein from three protein sources in continuous culture fermenters. <i>Journal of Animal Science</i> , 2008 , 86, 1364-71	0.7	17
63	Performance and feeding behavior of primiparous cows loose housed alone or together with multiparous cows. <i>Journal of Dairy Science</i> , 2006 , 89, 337-42	4	17
62	Optimizing weaning strategies of dairy replacement calves. <i>Journal of Dairy Science</i> , 2010 , 93, 413-9	4	16
61	Effects of patulin on rumen microbial fermentation in continuous culture fermenters. <i>Animal Feed Science and Technology</i> , 2002 , 97, 239-246	3	16
60	Voluntary selection of starter feed ingredients offered separately to nursing calves. <i>Livestock Science</i> , 2012 , 149, 62-69	1.7	15
59	Response of nitrogen metabolism in preparturient dairy cows to methionine supplementation. <i>Journal of Animal Science</i> , 2000 , 78, 742-9	0.7	15
58	Feeding Pasteurized Waste Milk to Preweaned Dairy Calves Changes Fecal and Upper Respiratory Tract Microbiota. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 159	3.1	14
57	The effect of palatability of protein source on dietary selection in dairy calves. <i>Journal of Dairy Science</i> , 2014 , 97, 4444-54	4	14
56	Effects of intravaginal lactic acid bacteria on bovine endometrium: Implications in uterine health. <i>Veterinary Microbiology</i> , 2017 , 204, 174-179	3.3	13
55	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> , 2018 , 5, 135	3.1	13
54	Interaction between milk allowance and fat content of the starter feed on performance of Holstein calves. <i>Journal of Dairy Science</i> , 2014 , 97, 6511-8	4	13
53	Performance and behaviour of calves reared in groups or individually following an enhanced-growth feeding programme. <i>Journal of Dairy Research</i> , 2006 , 73, 480-6	1.6	13
52	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> , 2015 , 93, 3018-33	0.7	12

51	Effects of particle size and moisture levels in mixed rations on the feeding behavior of dairy heifers. <i>Animal</i> , 2014 , 8, 1722-7	3.1	12
50	Measuring resistance to ruminal degradation and bioavailability of ruminally protected methionine. <i>Animal Feed Science and Technology</i> , 2000 , 84, 23-32	3	12
49	Dietary preference in dairy calves for feed ingredients high in energy and protein. <i>Journal of Dairy Science</i> , 2014 , 97, 1634-44	4	11
48	Mammary serum amyloid A3 activates involution of the mammary gland in dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 7595-605	4	11
47	Blocking opioid receptors alters short-term feed intake and oro-sensorial preferences in weaned calves. <i>Journal of Dairy Science</i> , 2012 , 95, 2531-9	4	11
46	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> , 2018 , 101, 9777-9788	4	11
45	Effects of supplementing a milk replacer with sodium butyrate or tributyrin on performance and metabolism of Holstein calves. <i>Animal Production Science</i> , 2016 , 56, 1834	1.4	10
44	Description of a novel viral tool to identify and quantify ovine faecal pollution in the environment. <i>Science of the Total Environment</i> , 2013 , 458-460, 355-60	10.2	10
43	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> , 2010 , 77, 123-8	1.6	10
42	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> , 2009 , 87, 416-20	2.5	10
41	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> , 2018 , 101, 10962-10972 ¹⁰	4.1	10
40	Arginine supplementation between 41 and 146 days of pregnancy reduces uterine blood flow in dairy heifers. <i>Theriogenology</i> , 2015 , 84, 43-50	2.8	9
39	Performance, immune response and fatty acid profile in lambs supplemented with a CLA-mixture. <i>Animal Feed Science and Technology</i> , 2011 , 165, 1-7	3	9
38	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> , 2011 , 164, 130-134	3	9
37	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> , 2012 , 19, 299-307	1.9	9
36	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> , 2015 , 98, 4748-53	4	8
35	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> , 2017 , 232, 148-159	3	8
34	Fattening Holstein heifers by feeding high-moisture corn (whole or ground) ad libitum separately from concentrate and straw. <i>Journal of Animal Science</i> , 2015 , 93, 4903-16	0.7	8

33	Association between chelated trace mineral supplementation and milk yield, reproductive performance, and lameness in dairy cattle. <i>Livestock Science</i> , 2015 , 182, 69-75	1.7	7
32	Effects of group composition on the incidence of respiratory afflictions in group-housed calves after weaning. <i>Journal of Dairy Science</i> , 2011 , 94, 2001-6	4	7
31	Consequences of supplying methyl donors during pregnancy on the methylome of the offspring from lactating and non-lactating dairy cattle. <i>PLoS ONE</i> , 2017 , 12, e0189581	3.7	6
30	Effects of flavonoids extracted from <i>Citrus aurantium</i> 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> , 2018 , 246, 114-126	3	6
29	Effect of <i>Saccharomyces cerevisiae</i> CNCM I-1077 supplementation on performance and rumen microbiota of dairy calves. <i>The Professional Animal Scientist</i> , 2015 , 31, 153-158		6
28	Development of a method to evaluate oro-sensory preferences in weaned calves. <i>Livestock Science</i> , 2012 , 150, 374-380	1.7	6
27	Effects of nutrition and genetics on fertility in dairy cows. <i>Reproduction, Fertility and Development</i> , 2018 , 31, 40-54	1.8	6
26	Exploring the use of tertiary reclaimed water in dairy cattle production. <i>Journal of Cleaner Production</i> , 2019 , 229, 964-973	10.3	5
25	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> , 2017 , 84, 355-359	1.6	5
24	Evaluation of selected mathematical approaches to the kinetics of protein degradation in situ. <i>Journal of Animal Science</i> , 1998 , 76, 2885-93	0.7	5
23	The importance of calf sensory and physical preferences for starter concentrates during pre- and postweaning periods. <i>Journal of Dairy Science</i> , 2016 , 99, 7133-7142	4	4
22	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> , 2014 , 92, 3515-25	0.7	4
21	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> , 2020 , 103, 3615-3621	4	4
20	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> , 2020 , 10, 11299	4.9	4
19	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> , 2019 , 3, 473-484	1.4	2
18	Effects of feeding method and physical form of starter on feed intake and performance of dairy replacement calves. <i>Livestock Science</i> , 2010 , 128, 82-86	1.7	2
17	Heat identification by ¹⁷ Estradiol and progesterone quantification in individual raw milk samples by enzyme immunoassay. <i>Electronic Journal of Biotechnology</i> , 2011 , 14,	3.1	2
16	Short communication: Performance, intestinal permeability, and metabolic profile of calves fed a milk replacer supplemented with glutamic acid. <i>Journal of Dairy Science</i> , 2020 , 103, 433-438	4	2

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15	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> , 2016 , 219, 257-267	3	2
14	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> , 2021 , 104, 486-500	4	2
13	Effects of oral administration of acidogenic boluses at dry-off on performance and behavior of dairy cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 11342-11353	4	2
12	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> , 2019 , 257, 114266	3	1
11	Case Study: Lying behavior of dairy cows presented with different cubicle arrangements. <i>The Professional Animal Scientist</i> , 2016 , 32, 110-114		1
10	Growth Effects of Regrouping Dairy Replacement Heifers with Lighter Weight and Younger Animals. <i>The Professional Animal Scientist</i> , 2006 , 22, 358-361		1
9	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> , 2021 , 15, 100014	3.1	1
8	Evaluating the potential role of tryptophan in calf milk replacers to facilitate weaning. <i>Journal of Dairy Science</i> , 2020 , 103, 7009-7017	4	0
7	Assessing Farm Animal Welfare from a Nutritional Perspective. <i>Animal Welfare</i> , 2016 , 115-134	1	0
6	Using compositional mixed-effects models to evaluate responses to amino acid supplementation in milk replacers for calves. <i>Journal of Dairy Science</i> , 2021 , 104, 7808-7819	4	0
5	Invited Review: Advances in efficiency of growing dairy replacements. <i>Applied Animal Science</i> , 2021 , 37, 404-417	1.2	0
4	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> , 2017 , 100, 853-854	4	
3	Effects of Peptin supplementation on ruminal microbiota and in situ feed degradability in dairy cows. <i>Animal Feed Science and Technology</i> , 2017 , 231, 89-96	3	
2	Short communication: Is it better to calve alone or in groups? A pilot study. <i>Livestock Science</i> , 2022 , 257, 104846	1.7	
1	Feeding Cattle for Improved Productivity, Health, and Welfare in Modern Farming Enterprises. <i>Animal Welfare</i> , 2016 , 165-182	1	