

# Erminio Trevisi

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

170  
papers

3,823  
citations

34  
h-index

56  
g-index

181  
ext. papers

5,011  
ext. citations

3.1  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
170	The $\beta$ -casein (CSN2) A2 allelic variant alters milk protein profile and slightly worsens coagulation properties in Holstein cows.. <i>Journal of Dairy Science</i> , <b>2022</b> ,	4	3
169	Real-time milk analysis integrated with stacking ensemble learning as a tool for the daily prediction of cheese-making traits in Holstein cattle.. <i>Journal of Dairy Science</i> , <b>2022</b> ,	4	1
168	Quarter-level analyses of the associations among subclinical intramammary infection and milk quality, udder health, and cheesemaking traits in Holstein cows.. <i>Journal of Dairy Science</i> , <b>2022</b> , 105, 3494-3507 <sup>0</sup>	4.9	0
167	Effect of a feed additive containing yeast cell walls, clove and coriander essential oils and Hibiscus sabdariffa administered to mid-lactating dairy cows on productive performance, rumen fluid composition and metabolic conditions. <i>Italian Journal of Animal Science</i> , <b>2022</b> , 21, 86-96	2.2	0
166	In-line near-infrared analysis of milk coupled with machine learning methods for the daily prediction of blood metabolic profile in dairy cattle.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8058	4.9	2
165	The Transition Period Updated: A Review of the New Insights into the Adaptation of Dairy Cows to the New Lactation. <i>Dairy</i> , <b>2021</b> , 2, 617-636	2.6	1
164	Suitability of rumination time during the first week after calving for detecting metabolic status and lactation performance in simmental dairy cows: a cluster-analytic approach. <i>Italian Journal of Animal Science</i> , <b>2021</b> , 20, 1909-1923	2.2	0
163	333 Assessment of Spent Hemp Biomass as a Potential Feedstuff in Ruminant Diets. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 185-186	0.7	0
162	Drying-off cows with low somatic cell count with or without antibiotic therapy: A pilot study addressing the effects on immunometabolism and performance in the subsequent lactation. <i>Livestock Science</i> , <b>2021</b> , 254, 104740	1.7	1
161	One-carbon, carnitine, and glutathione metabolism-related biomarkers in peripartal Holstein cows are altered by prepartal body condition. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 3403-3417	4	2
160	Genetic Regulation of Biomarkers as Stress Proxies in Dairy Cows. <i>Genes</i> , <b>2021</b> , 12,	4.2	2
159	Unique adaptations in neonatal hepatic transcriptome, nutrient signaling, and one-carbon metabolism in response to feeding ethyl cellulose rumen-protected methionine during late-gestation in Holstein cows. <i>BMC Genomics</i> , <b>2021</b> , 22, 280	4.5	3
158	Associations between differential somatic cell count and milk yield, quality, and technological characteristics in Holstein cows. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 4822-4836	4	4
157	Maternal body condition during late-pregnancy is associated with in utero development and neonatal growth of Holstein calves. <i>Journal of Animal Science and Biotechnology</i> , <b>2021</b> , 12, 44	6	3
156	Feeding a <i>Saccharomyces cerevisiae</i> fermentation product improves udder health and immune response to a <i>Streptococcus uberis</i> mastitis challenge in mid-lactation dairy cows. <i>Journal of Animal Science and Biotechnology</i> , <b>2021</b> , 12, 62	6	4
155	Changes of Plasma Analytes Reflecting Metabolic Adaptation to the Different Stages of the Lactation Cycle in Healthy Multiparous Holstein Dairy Cows Raised in High-Welfare Conditions. <i>Animals</i> , <b>2021</b> , 11,	3.1	3
154	The use of an upgraded GreenFeed system and milk fatty acids to estimate energy balance in early-lactation cows. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 6701-6714	4	2

153	Plasma albumin-to-globulin ratio before dry-off as a possible index of inflammatory status and performance in the subsequent lactation in dairy cows. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 8228-8242	4	6
152	Effects of a Maternal Essential Fatty Acid and Conjugated Linoleic Acid Supplementation during Late Pregnancy and Early Lactation on Hematologic and Immunological Traits and the Oxidative and Anti-Oxidative Status in Blood Plasma of Neonatal Calves. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
151	Age-related metabolic changes of pre-weaned Simmental calves fed whole bulk milk and ad libitum calf starter. <i>Research in Veterinary Science</i> , <b>2021</b> , 135, 237-243	2.5	2
150	Comparison of metabolic, oxidative and inflammatory status of Simmental × Holstein crossbred with parental breeds during the peripartal and early lactation periods. <i>Journal of Dairy Research</i> , <b>2021</b> , 88, 253-260	1.6	1
149	Associations between ultrasound measurements and hematochemical parameters for the assessment of liver metabolic status in Holstein-Friesian cows. <i>Scientific Reports</i> , <b>2021</b> , 11, 16314	4.9	2
148	Maternal supplementation with cobalt sources, folic acid, and rumen-protected methionine and its effects on molecular and functional correlates of the immune system in neonatal Holstein calves. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 9340-9354	4	1
147	An Exploration of the Effects of an Early Postpartum Intravenous Infusion with Carnosic Acid on Physiological Responses of Transition Dairy Cows. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
146	Effects of supplementing <i>Saccharomyces cerevisiae</i> fermentation products to dairy cows from the day of dry-off through early lactation. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 11673-11685	4	0
145	Early Life Fecal Microbiota Transplantation in Neonatal Dairy Calves Promotes Growth Performance and Alleviates Inflammation and Oxidative Stress during Weaning. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
144	Effects of peripartal yeast culture supplementation on lactation performance, blood biomarkers, rumen fermentation, and rumen bacteria species in dairy cows. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 10727-10743	4	4
143	Genetic parameters of differential somatic cell count, milk composition, and cheese-making traits measured and predicted using spectral data in Holstein cows. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 10934-10949 <sup>1</sup>	4	1
142	Gene network expression of whole blood leukocytes in dairy cows with different milk yield at dry-off. <i>PLoS ONE</i> , <b>2021</b> , 16, e0260745	3.7	1
141	Molecular networks of insulin signaling and amino acid metabolism in subcutaneous adipose tissue are altered by body condition in periparturient Holstein cows. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 10459-10476 <sup>4</sup>	4	4
140	Changes in fatty acids in plasma and association with the inflammatory response in dairy cows abomasally infused with essential fatty acids and conjugated linoleic acid during late and early lactation. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 11889-11910	4	7
139	Effects of Whole Plant Homogenate on Lipid Metabolism, Inflammatory Conditions and Liver Function of Dairy Cows during the Transition Period. <i>Animals</i> , <b>2020</b> , 10,	3.1	4
138	Effect of litter size on prepartum metabolic and amino acidic profile in rabbit does. <i>Animal</i> , <b>2020</b> , 14, 2109-2115	3.1	3
137	Technical note: Capillary electrophoresis as a rapid test for the quantification of immunoglobulin G in serum of newborn lambs. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 6583-6587	4	2
136	Short communication: Inflammation, migration, and cell-cell interaction-related gene network expression in leukocytes is enhanced in Simmental compared with Holstein dairy cows after calving. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 1908-1913	4	9

135	Body condition alters glutathione and nuclear factor erythroid 2-like 2 (NFE2L2)-related antioxidant network abundance in subcutaneous adipose tissue of periparturient Holstein cows. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 6439-6453	4	8
134	Evaluation of circulating leukocyte transcriptome and its relationship with immune function and blood markers in dairy cows during the transition period. <i>Functional and Integrative Genomics</i> , <b>2020</b> , 20, 293-305	3.8	12
133	Post-weaning rumen fermentation of Simmental calves in response to weaning age and relationship with rumination time measured by the Hr-Tag rumination-monitoring system. <i>Livestock Science</i> , <b>2020</b> , 232, 103918	1.7	5
132	Inflammatory status and metabolic changes at dry-off in high-yield dairy cows. <i>Italian Journal of Animal Science</i> , <b>2020</b> , 19, 51-65	2.2	11
131	Effects of abomasal infusion of essential fatty acids and conjugated linoleic acid on performance and fatty acid, antioxidative, and inflammatory status in dairy cows. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 972-991	4	15
130	Association of postpartum uterine diseases with lying time and metabolic profiles of multiparous Holstein dairy cows in the transition period. <i>Veterinary Journal</i> , <b>2020</b> , 263, 105533	2.5	5
129	A mycotoxin-deactivating feed additive counteracts the adverse effects of regular levels of Fusarium mycotoxins in dairy cows. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 11314-11331	4	10
128	Systems for evaluation of welfare on dairy farms. <i>Journal of Dairy Research</i> , <b>2020</b> , 87, 13-19	1.6	12
127	The effect of parity number on the metabolism, inflammation, and oxidative status of dairy sheep during the transition period. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 8564-8575	4	6
126	Role of nutraceuticals during the transition period of dairy cows: a review. <i>Journal of Animal Science and Biotechnology</i> , <b>2020</b> , 11, 96	6	11
125	Effect of a Commercial Bentonite Clay (Smectite Clay) on Dairy Cows Fed Aflatoxin-Contaminated Feed. <i>Dairy</i> , <b>2020</b> , 1, 135-153	2.6	2
124	The Role of Innate Immune Response and Microbiome in Resilience of Dairy Cattle to Disease: The Mastitis Model. <i>Animals</i> , <b>2020</b> , 10,	3.1	7
123	Interaction between inflammation and metabolism in periparturient dairy cows. <i>Journal of Animal Science</i> , <b>2020</b> , 98, S155-S174	0.7	10
122	Combinations of non-invasive indicators to detect dairy cows submitted to high-starch-diet challenge. <i>Animal</i> , <b>2020</b> , 14, 388-398	3.1	3
121	Pegbovigrastim Treatment around Parturition Enhances Postpartum Immune Response Gene Network Expression of whole Blood Leukocytes in Holstein and Simmental Cows. <i>Animals</i> , <b>2020</b> , 10,	3.1	6
120	Short communication: Supply of methionine during late pregnancy enhances whole-blood innate immune response of Holstein calves partly through changes in mRNA abundance in polymorphonuclear leukocytes. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 10599-10605	4	10
119	Administration of an Immune Stimulant during the Transition Period Improved Lipid Metabolism and Rumination without Affecting Inflammatory Status. <i>Animals</i> , <b>2019</b> , 9,	3.1	2
118	Exploring Fourier transform mid-infra-red spectrometry to predict biochemical parameters in horse blood. <i>Italian Journal of Animal Science</i> , <b>2019</b> , 18, 1223-1230	2.2	1

117	Monensin controlled-release capsule administered in late-pregnancy differentially affects rumination patterns, metabolic status, and cheese-making properties of the milk in primiparous and multiparous cows. <i>Italian Journal of Animal Science</i> , <b>2019</b> , 18, 1271-1283	2.2	4
116	Relationship between inflammatory biomarkers and oxidative stress with uterine health in dairy cows with different dry period lengths. <i>Translational Animal Science</i> , <b>2019</b> , 3, 607-619	1.4	0
115	2,4-Thiazolidinedione in Well-Fed Lactating Dairy Goats: I. Effect on Adiposity and Milk Fat Synthesis. <i>Veterinary Sciences</i> , <b>2019</b> , 6,	2.4	3
114	2,4-Thiazolidinedione in Well-Fed Lactating Dairy Goats: II. Response to Intra-Mammary Infection. <i>Veterinary Sciences</i> , <b>2019</b> , 6,	2.4	3
113	Enrichment devices for undocked heavy pigs: effects on animal welfare, blood parameters and production traits. <i>Italian Journal of Animal Science</i> , <b>2019</b> , 18, 45-56	2.2	9
112	The role of altered immune function during the dry period in promoting the development of subclinical ketosis in early lactation. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9241-9258	4	23
111	Immunometabolic status and productive performance differences between periparturient Simmental and Holstein dairy cows in response to pegbovigrastim. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9312-9327	4	19
110	Choline supply during negative nutrient balance alters hepatic cystathionine $\beta$ -synthase, intermediates of the methionine cycle and transsulfuration pathway, and liver function in Holstein cows. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 8319-8331	4	10
109	A heritable subset of the core rumen microbiome dictates dairy cow productivity and emissions. <i>Science Advances</i> , <b>2019</b> , 5, eaav8391	14.3	87
108	Effect of Pegbovigrastim on Hematological Profile of Simmental Dairy Cows during the Transition Period. <i>Animals</i> , <b>2019</b> , 9,	3.1	5
107	Hepatic metabolomics and transcriptomics to study susceptibility to ketosis in response to prepartal nutritional management. <i>Journal of Animal Science and Biotechnology</i> , <b>2019</b> , 10, 96	6	8
106	Liver transcriptomic and plasma metabolomic profiles of fattening lambs are modified by feed restriction during the suckling period. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 1495-1507	0.7	10
105	Daily rumination pattern recorded by an automatic rumination-monitoring system in pre-weaned calves fed whole bulk milk and ad libitum calf starter. <i>Livestock Science</i> , <b>2018</b> , 212, 127-130	1.7	11
104	Moderated milk replacer restriction of ewe lambs alters gut immunity parameters during the pre-weaning period and impairs liver function and animal performance during the replacement phase. <i>Animal Feed Science and Technology</i> , <b>2018</b> , 243, 80-89	3	6
103	Body condition score prior to parturition is associated with plasma and adipose tissue biomarkers of lipid metabolism and inflammation in Holstein cows. <i>Journal of Animal Science and Biotechnology</i> , <b>2018</b> , 9, 12	6	17
102	Plasma fructosamine during the transition period and its relationship with energy metabolism and inflammation biomarkers in dairy cows. <i>Livestock Science</i> , <b>2018</b> , 216, 138-147	1.7	12
101	Hepatic phosphorylation status of serine/threonine kinase 1, mammalian target of rapamycin signaling proteins, and growth rate in Holstein heifer calves in response to maternal supply of methionine. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 8476-8491	4	5
100	Transcriptional changes detected in fecal RNA of neonatal dairy calves undergoing a mild diarrhea are associated with inflammatory biomarkers. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191599	3.7	10

99	Innate immune responses to metabolic stress can be detected in rumen fluids. <i>Research in Veterinary Science</i> , <b>2018</b> , 117, 65-73	2.5	10
98	Ethyl-cellulose rumen-protected methionine alleviates inflammation and oxidative stress and improves neutrophil function during the periparturient period and early lactation in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 480-490	4	59
97	What we have lost: Mastitis resistance in Holstein Friesians and in a local cattle breed. <i>Research in Veterinary Science</i> , <b>2018</b> , 116, 88-98	2.5	38
96	Assessment of the innate immune response in the periparturient cow. <i>Research in Veterinary Science</i> , <b>2018</b> , 116, 47-54	2.5	54
95	Differential effects of coconut versus soy oil on gut microbiota composition and predicted metabolic function in adult mice. <i>BMC Genomics</i> , <b>2018</b> , 19, 808	4.5	26
94	Maternal supply of methionine during late-pregnancy enhances rate of Holstein calf development in utero and postnatal growth to a greater extent than colostrum source. <i>Journal of Animal Science and Biotechnology</i> , <b>2018</b> , 9, 83	6	19
93	Milk microbiome diversity and bacterial group prevalence in a comparison between healthy Holstein Friesian and Rendena cows. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205054	3.7	40
92	Dietary energy level affects adipose depot mass but does not impair in vitro subcutaneous adipose tissue response to short-term insulin and tumor necrosis factor- $\alpha$ challenge in nonlactating, nonpregnant Holstein cows. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 10206-10219	4	5
91	Early Feed Restriction Programs Metabolic Disorders in Fattening Merino Lambs. <i>Animals</i> , <b>2018</b> , 8,	3.1	5
90	Effect of grain- or by-product-based concentrate fed with early- or late-harvested first-cut grass silage on dairy cow performance. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 7133-7145	4	13
89	Prepartal standing behavior as a parameter for early detection of postpartal subclinical ketosis associated with inflammation and liver function biomarkers in peripartal dairy cows. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 8224-8235	4	25
88	Dietary supplement of conjugated linoleic acids or polyunsaturated fatty acids suppressed the mobilization of body fat reserves in dairy cows at early lactation through different pathways. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 7954-7970	4	8
87	Milk replacer restriction during early life impairs the live body weight and progesterone patterns of ewe lambs during the replacement period. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 8021-8031	4	11
86	Acute phase response in lactating dairy cows during hyperinsulinemic hypoglycaemic and hyperinsulinemic euglycaemic clamps and after intramammary LPS challenge. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2017</b> , 101, 511-520	2.6	2
85	Supplemental Smartamine M in higher-energy diets during the prepartal period improves hepatic biomarkers of health and oxidative status in Holstein cows. <i>Journal of Animal Science and Biotechnology</i> , <b>2017</b> , 8, 17	6	4
84	Differences in liver functionality indexes in peripartal dairy cows fed rumen-protected methionine or choline are associated with performance, oxidative stress status, and plasma amino acid profiles. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 6720-6732	4	13
83	Effects of dry period length and dietary energy source on inflammatory biomarkers and oxidative stress in dairy cows. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 4961-4975	4	16
82	Supplementation with rumen-protected methionine or choline during the transition period influences whole-blood immune response in periparturient dairy cows. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 3958-3968	4	31

81	Johne's disease in cattle: an in vitro model to study early response to infection of Mycobacterium avium subsp. paratuberculosis using RNA-seq. <i>Molecular Immunology</i> , <b>2017</b> , 91, 259-271	4.3	14
80	Level of dietary energy and 2,4-thiazolidinedione alter molecular and systemic biomarkers of inflammation and liver function in Holstein cows. <i>Journal of Animal Science and Biotechnology</i> , <b>2017</b> , 8, 64	6	2
79	Grain challenge affects systemic and hepatic molecular biomarkers of inflammation, stress, and metabolic responses to a greater extent in Holstein than Jersey cows. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 9153-9162	4	12
78	Reticulo-rumen mass, epithelium gene expression, and systemic biomarkers of metabolism and inflammation in Holstein dairy cows fed a high-energy diet. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 9352-9360	4	10
77	Reference intervals for hematological and biochemical parameters, acute phase proteins and markers of oxidation in Holstein dairy cows around 3 and 30days after calving. <i>Research in Veterinary Science</i> , <b>2017</b> , 114, 322-331	2.5	11
76	Ethyl-cellulose rumen-protected methionine enhances performance during the periparturient period and early lactation in Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7455-7467	4	70
75	2,4-Thiazolidinedione Treatment Improves the Innate Immune Response in Dairy Goats with Induced Subclinical Mastitis. <i>PPAR Research</i> , <b>2017</b> , 2017, 7097450	4.3	12
74	Disease-Predicting and Prognostic Potential of Innate Immune Responses to Noninfectious Stressors: Human and Animal Models <b>2016</b> , 209-235		2
73	Administration of Aloe arborescens homogenate to cattle: interaction with rumen fermentation and gut absorption of aloin. <i>Italian Journal of Animal Science</i> , <b>2016</b> , 15, 233-240	2.2	5
72	Assessment of the main plasma parameters included in a metabolic profile of dairy cow based on Fourier Transform mid-infrared spectroscopy: preliminary results. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 4	2.7	36
71	Supplementing Zn, Mn, and Cu from amino acid complexes and Co from cobalt glucoheptonate during the periparturient period benefits postparturient cow performance and blood neutrophil function. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 1868-1883	4	22
70	Circulating amino acids in blood plasma during the periparturient period in dairy cows with different liver functionality index. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 2257-2267	4	45
69	Immunometabolic Status during the Periparturient Period Is Enhanced with Supplemental Zn, Mn, and Cu from Amino Acid Complexes and Co from Co Glucoheptonate. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155804	3.7	16
68	Welfare Is Affected by Nutrition Through Health, Especially Immune Function and Inflammation. <i>Animal Welfare</i> , <b>2016</b> , 85-113	1	2
67	Maternal rumen-protected methionine supplementation and its effect on blood and liver biomarkers of energy metabolism, inflammation, and oxidative stress in neonatal Holstein calves. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 6753-6763	4	47
66	Rumen-protected methionine compared with rumen-protected choline improves immunometabolic status in dairy cows during the periparturient period. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 8956-8969	4	72
65	Effects of different enrichment devices on some welfare indicators of post-weaned undocked piglets. <i>Applied Animal Behaviour Science</i> , <b>2016</b> , 184, 25-34	2.2	20
64	Better postparturient performance in dairy cows supplemented with rumen-protected methionine compared with choline during the periparturient period. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 8716-8732	4	81

63	Growth performance, and carcass and raw ham quality of crossbred heavy pigs from four genetic groups fed low protein diets for dry-cured ham production. <i>Animal Feed Science and Technology</i> , <b>2015</b> , 208, 170-181	3	19
62	Stress and inflammatory gene networks in bovine liver are altered by plane of dietary energy during late pregnancy. <i>Functional and Integrative Genomics</i> , <b>2015</b> , 15, 563-76	3.8	15
61	Abundance of ruminal bacteria, epithelial gene expression, and systemic biomarkers of metabolism and inflammation are altered during the periparturient period in dairy cows. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 8940-51	4	48
60	Maternal consumption of organic trace minerals alters calf systemic and neutrophil mRNA and microRNA indicators of inflammation and oxidative stress. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 7717-29	4	55
59	Acute mammary and liver transcriptome responses after an intramammary <i>Escherichia coli</i> lipopolysaccharide challenge in postpartal dairy cows. <i>Physiological Reports</i> , <b>2015</b> , 3, e12388	2.6	17
58	Metabolic and biochemical changes in plasma of the periparturient rabbit does with different litter size. <i>Animal</i> , <b>2015</b> , 9, 614-21	3.1	7
57	Pro-Inflammatory Cytokine Profile in Dairy Cows: Consequences for New Lactation. <i>Italian Journal of Animal Science</i> , <b>2015</b> , 14, 3862	2.2	46
56	Insulin Sensitivity in Adipose and Skeletal Muscle Tissue of Dairy Cows in Response to Dietary Energy Level and 2,4-Thiazolidinedione (TZD). <i>PLoS ONE</i> , <b>2015</b> , 10, e0142633	3.7	14
55	Assessment of immune response in periparturient dairy cows using ex vivo whole blood stimulation assay with lipopolysaccharides and carrageenan skin test. <i>Veterinary Immunology and Immunopathology</i> , <b>2015</b> , 165, 119-26	2	28
54	Immune system, inflammation and nutrition in dairy cattle. <i>Animal Production Science</i> , <b>2015</b> , 55, 943	1.4	30
53	Early post-partum hematological changes in Holstein dairy cows with retained placenta. <i>Animal Reproduction Science</i> , <b>2015</b> , 152, 17-25	2.1	15
52	Strategies for reduced antibiotic usage in dairy cattle farms. <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 229-33	2.5	60
51	Biomarkers of inflammation, metabolism, and oxidative stress in blood, liver, and milk reveal a better immunometabolic status in peripartal cows supplemented with Smartamine M or MetaSmart. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 7437-50	4	100
50	Gut response induced by weaning in piglet features marked changes in immune and inflammatory response. <i>Functional and Integrative Genomics</i> , <b>2014</b> , 14, 657-71	3.8	36
49	Evaluation of innate immune responses in bovine forestomachs. <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 69-78	2.5	29
48	Estimation of dry matter intake by n-alkanes in dairy cows fed TMR: effect of dosing technique and faecal collection time. <i>Animal Production Science</i> , <b>2014</b> , 54, 1747	1.4	5
47	Can a single rumen sample really diagnose SARA in commercial farms?. <i>Animal Production Science</i> , <b>2014</b> , 54, 1268	1.4	4
46	Experimental acute rumen acidosis in sheep: consequences on clinical, rumen, and gastrointestinal permeability conditions and blood chemistry. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 3966-77	0.7	56



45	Effect of dietary starch level and high rumen-undegradable protein on endocrine-metabolic status, milk yield, and milk composition in dairy cows during early and late lactation. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 7788-803	4	24
44	Hepatic purinergic signaling gene network expression and its relationship with inflammation and oxidative stress biomarkers in blood from periparturient dairy cattle. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 861-73	4	12
43	Rumination time around calving: an early signal to detect cows at greater risk of disease. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 3635-47	4	71
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