Erminio Trevisi

List of Publications by Year
in descending order

181 papers	5,925 citations	71061 41 h-index	95218 68 g-index
181 all docs	181 docs citations	181 times ranked	3624 citing authors

#	Article	IF	Citations
1	Effects of Inflammatory Conditions on Liver Activity in Puerperium Period and Consequences for Performance in Dairy Cows. Journal of Dairy Science, 2008, 91, 3300-3310.	1.4	366
2	Plasma Paraoxonase, Health, Inflammatory Conditions, and Liver Function in Transition Dairy Cows. Journal of Dairy Science, 2007, 90, 1740-1750.	1.4	337
3	Metabolic stress and inflammatory response in high-yielding, periparturient dairy cows. Research in Veterinary Science, 2012, 93, 695-704.	0.9	228
4	A heritable subset of the core rumen microbiome dictates dairy cow productivity and emissions. Science Advances, 2019, 5, eaav8391.	4.7	218
5	Relationships between rumination time, metabolic conditions, and health status in dairy cows during the transition period1. Journal of Animal Science, 2012, 90, 4544-4554.	0.2	157
6	Use of the Liver Activity Index and Other Metabolic Variables in the Assessment of Metabolic Health in Dairy Herds. Veterinary Clinics of North America - Food Animal Practice, 2013, 29, 413-431.	0.5	149
7	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. Journal of Dairy Science, 2014, 97, 7437-7450.	1.4	134
8	Role of endotoxin and TNF-Î± in the pathogenesis of experimentally induced coliform mastitis in periparturient cows. Journal of Dairy Research, 2000, 67, 503-514.	0.7	133
9	Better postpartal performance in dairy cows supplemented with rumen-protected methionine compared with choline during the peripartal period. Journal of Dairy Science, 2016, 99, 8716-8732.	1.4	125
10	Rumen-protected methionine compared with rumen-protected choline improves immunometabolic status in dairy cows during the peripartal period. Journal of Dairy Science, 2016, 99, 8956-8969.	1.4	112
11	Assessment of the innate immune response in the periparturient cow. Research in Veterinary Science, 2018, 116, 47-54.	0.9	112
12	Ethyl-cellulose rumen-protected methionine enhances performance during the periparturient period and early lactation in Holstein dairy cows. Journal of Dairy Science, 2017, 100, 7455-7467.	1.4	107
13	Rumination time around calving: An early signal to detect cows at greater risk of disease. Journal of Dairy Science, 2014, 97, 3635-3647.	1.4	98
14	Blood immunometabolic indices and polymorphonuclear neutrophil function in peripartum dairy cows are altered by level of dietary energy prepartum. Journal of Dairy Science, 2012, 95, 1749-1758.	1.4	97
15	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. Journal of Dairy Science, 2018, 101, 480-490.	1.4	87
16	Liver lipid content and inflammometabolic indices in peripartal dairy cows are altered in response to prepartal energy intake and postpartal intramammary inflammatory challenge. Journal of Dairy Science, 2013, 96, 918-935.	1.4	84
17	Maternal rumen-protected methionine supplementation and its effect on blood and liver biomarkers of energy metabolism, inflammation, and oxidative stress in neonatal Holstein calves. Journal of Dairy Science, 2016, 99, 6753-6763.	1.4	84
18	Experimental acute rumen acidosis in sheep: Consequences on clinical, rumen, and gastrointestinal permeability conditions and blood chemistry1. Journal of Animal Science, 2014, 92, 3966-3977.	0.2	83

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19	Strategies for reduced antibiotic usage in dairy cattle farms. Research in Veterinary Science, 2014, 96, 229-233.	0.9	77
20	Abundance of ruminal bacteria, epithelial gene expression, and systemic biomarkers of metabolism and inflammation are altered during the peripartal period in dairy cows. Journal of Dairy Science, 2015, 98, 8940-8951.	1.4	71
21	Milk microbiome diversity and bacterial group prevalence in a comparison between healthy Holstein Friesian and Rendena cows. PLoS ONE, 2018, 13, e0205054.	1.1	70
22	Pro-Inflammatory Cytokine Profile in Dairy Cows: Consequences for New Lactation. Italian Journal of Animal Science, 2015, 14, 3862.	0.8	67
23	Maternal consumption of organic trace minerals alters calf systemic and neutrophil mRNA and microRNA indicators of inflammation and oxidative stress. Journal of Dairy Science, 2015, 98, 7717-7729.	1.4	66
24	What we have lost: Mastitis resistance in Holstein Friesians and in a local cattle breed. Research in Veterinary Science, 2018, 116, 88-98.	0.9	65
25	Metabolic changes in dairy cows induced by oral, low-dose interferon-alpha treatment1. Journal of Animal Science, 2009, 87, 3020-3029.	0.2	58
26	Some physiological and biochemical methods for acute and chronic stress evaluationin dairy cows. Italian Journal of Animal Science, 2009, 8, 265-286.	0.8	57
27	Some new aspects of nutrition, health conditions and fertility of intensively reared dairy cows. Italian Journal of Animal Science, 2009, 8, 491-518.	0.8	57
28	Gut response induced by weaning in piglet features marked changes in immune and inflammatory response. Functional and Integrative Genomics, 2014, 14, 657-671.	1.4	56
29	Assessment of the main plasma parameters included in a metabolic profile of dairy cow based on Fourier Transform mid-infrared spectroscopy: preliminary results. BMC Veterinary Research, 2016, 12, 4.	0.7	54
30	Circulating amino acids in blood plasma during the peripartal period in dairy cows with different liver functionality index. Journal of Dairy Science, 2016, 99, 2257-2267.	1.4	53
31	Functional welfare â€“ using biochemical and molecular technologies to understand better the welfare state of peripartal dairy cattle. Animal Production Science, 2013, 53, 931.	0.6	52
32	Role of nutraceuticals during the transition period of dairy cows: a review. Journal of Animal Science and Biotechnology, 2020, 11, 96.	2.1	52
33	Blood and milk immune and inflammatory profiles in periparturient dairy cows showing a different liver activity index. Journal of Dairy Research, 2010, 77, 310-317.	0.7	49
34	The association between indicators of inflammation and liver variables during the transition period in high-yielding dairy cows: An observational study. Veterinary Journal, 2012, 192, 222-225.	0.6	47
35	Supplementation with rumen-protected methionine or choline during the transition period influences whole-blood immune response in periparturient dairy cows. Journal of Dairy Science, 2017, 100, 3958-3968.	1.4	47
36	Effects of Acetyl-salicylate Used in Post-calving of Dairy Cows. Veterinary Research Communications, 2004, 28, 217-219.	0.6	45

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37	Effect of the level of maternal energy intake prepartum on immunometabolic markers, polymorphonuclear leukocyte function, and neutrophil gene network expression in neonatal Holstein heifer calves. Journal of Dairy Science, 2013, 96, 3573-3587.	1.4	45
38	Immune system, inflammation and nutrition in dairy cattle. Animal Production Science, 2015, 55, 943.	0.6	45
39	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. Journal of Dairy Science, 2014, 97, 7788-7803.	1.4	42
40	Differential effects of coconut versus soy oil on gut microbiota composition and predicted metabolic function in adult mice. BMC Genomics, 2018, 19, 808.	1.2	42
41	The role of altered immune function during the dry period in promoting the development of subclinical ketosis in early lactation. Journal of Dairy Science, 2019, 102, 9241-9258.	1.4	42
42	Relation of inflammation and liver function with the plasma cortisol response to adrenocorticotropin in early lactating dairy cows. Journal of Dairy Science, 2013, 96, 5712-5722.	1.4	41
43	Supplementing Zn, Mn, and Cu from amino acid complexes and Co from cobalt glucoheptonate during the peripartal period benefits postpartal cow performance and blood neutrophil function. Journal of Dairy Science, 2016, 99, 1868-1883.	1.4	40
44	Prepartal standing behavior as a parameter for early detection of postpartal subclinical ketosis associated with inflammation and liver function biomarkers in peripartal dairy cows. Journal of Dairy Science, 2018, 101, 8224-8235.	1.4	40
45	Assessment of immune response in periparturient dairy cows using ex vivo whole blood stimulation assay with lipopolysaccharides and carrageenan skin test. Veterinary Immunology and Immunopathology, 2015, 165, 119-126.	0.5	39
46	Relationships between rumination time, metabolic conditions, and health status in dairy cows during the transition period. Journal of Animal Science, 2012, 90, 4544-4554.	0.2	39
47	Integrative Analyses of Hepatic Differentially Expressed Genes and Blood Biomarkers during the Peripartal Period between Dairy Cows Overfed or Restricted-Fed Energy Prepartum. PLoS ONE, 2014, 9, e99757.	1.1	36
48	Insulin Sensitivity in Adipose and Skeletal Muscle Tissue of Dairy Cows in Response to Dietary Energy Level and 2,4-Thiazolidinedione (TZD). PLoS ONE, 2015, 10, e0142633.	1.1	35
49	Hepatic metabolomics and transcriptomics to study susceptibility to ketosis in response to prepartal nutritional management. Journal of Animal Science and Biotechnology, 2019, 10, 96.	2.1	35
50	Evaluation of innate immune responses in bovine forestomachs. Research in Veterinary Science, 2014, 96, 69-78.	0.9	34
51	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. Journal of Animal Science and Biotechnology, 2018, 9, 83.	2.1	33
52	The Role of Innate Immune Response and Microbiome in Resilience of Dairy Cattle to Disease: The Mastitis Model. Animals, 2020, 10, 1397.	1.0	30
53	The Î²-casein (CSN2) A2 allelic variant alters milk protein profile and slightly worsens coagulation properties in Holstein cows. Journal of Dairy Science, 2022, 105, 3794-3809.	1.4	30
54	Interaction between inflammation and metabolism in periparturient dairy cows. Journal of Animal Science, 2020, 98, S155-S174.	0.2	29

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55	Effects of different enrichment devices on some welfare indicators of post-weaned undocked piglets. Applied Animal Behaviour Science, 2016, 184, 25-34.	0.8	28
56	Immunometabolic status and productive performance differences between periparturient Simmental and Holstein dairy cows in response to pegbovigrastim. Journal of Dairy Science, 2019, 102, 9312-9327.	1.4	28
57	Inflammatory status and metabolic changes at dry-off in high-yield dairy cows. Italian Journal of Animal Science, 2020, 19, 51-65.	0.8	28
58	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. Animal Feed Science and Technology, 2015, 208, 170-181.	1.1	27
59	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. Journal of Dairy Science, 2017, 100, 6720-6732.	1.4	27
60	Body condition score prior to parturition is associated with plasma and adipose tissue biomarkers of lipid metabolism and inflammation in Holstein cows. Journal of Animal Science and Biotechnology, 2018, 9, 12.	2.1	27
61	Effects of abomasal infusion of essential fatty acids and conjugated linoleic acid on performance and fatty acid, antioxidative, and inflammatory status in dairy cows. Journal of Dairy Science, 2020, 103, 972-991.	1.4	27
62	A mycotoxin-deactivating feed additive counteracts the adverse effects of regular levels of Fusarium mycotoxins in dairy cows. Journal of Dairy Science, 2020, 103, 11314-11331.	1.4	27
63	Short-term modifications in the distal gut microbiota of weaning mice induced by a high-fat diet. Microbiology (United Kingdom), 2012, 158, 983-992.	0.7	26
64	Dehydroepiandrosterone secretion in dairy cattle is episodic and unaffected by ACTH stimulation. Journal of Endocrinology, 2007, 194, 627-635.	1.2	25
65	Hepatic purinergic signaling gene network expression and its relationship with inflammation and oxidative stress biomarkers in blood from peripartal dairy cattle. Journal of Dairy Science, 2014, 97, 861-873.	1.4	25
66	Early post-partum hematological changes in Holstein dairy cows with retained placenta. Animal Reproduction Science, 2015, 152, 17-25.	0.5	25
67	Reference intervals for hematological and biochemical parameters, acute phase proteins and markers of oxidation in Holstein dairy cows around 3 and 30 days after calving. Research in Veterinary Science, 2017, 114, 322-331.	0.9	25
68	Acute mammary and liver transcriptome responses after an intramammaryEscherichia colilipopolysaccharide challenge in postpartal dairy cows. Physiological Reports, 2015, 3, e12388.	0.7	24
69	Transcriptional changes detected in fecal RNA of neonatal dairy calves undergoing a mild diarrhea are associated with inflammatory biomarkers. PLoS ONE, 2018, 13, e0191599.	1.1	24
70	The management of intensive dairy farms can be improved for better welfare and milk yield. Livestock Science, 2006, 103, 231-236.	0.6	23
71	Immunometabolic Status during the Peripartum Period Is Enhanced with Supplemental Zn, Mn, and Cu from Amino Acid Complexes and Co from Co Glucoheptonate. PLoS ONE, 2016, 11, e0155804.	1.1	23
72	Johneâ€™s disease in cattle: an in vitro model to study early response to infection of Mycobacterium avium subsp. paratuberculosis using RNA-seq.. Molecular Immunology, 2017, 91, 259-271.	1.0	23

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73	Systems for evaluation of welfare on dairy farms. Journal of Dairy Research, 2020, 87, 13-19.	0.7	23
74	Plasma albumin-to-globulin ratio before dry-off as a possible index of inflammatory status and performance in the subsequent lactation in dairy cows. Journal of Dairy Science, 2021, 104, 8228-8242.	1.4	23
75	Stress and inflammatory gene networks in bovine liver are altered by plane of dietary energy during late pregnancy. Functional and Integrative Genomics, 2015, 15, 563-576.	1.4	22
76	Associations between differential somatic cell count and milk yield, quality, and technological characteristics in Holstein cows. Journal of Dairy Science, 2021, 104, 4822-4836.	1.4	22
77	Effects of the precalving administration of omega-3 fatty acids alone or in combination with acetylsalicylic acid in periparturient dairy cows1. Journal of Animal Science, 2013, 91, 2657-2666.	0.2	21
78	Attenuation of inflammatory response phenomena in periparturient dairy cows by the administration of an Ï‰3 rumen protected supplement containing vitamin E. Italian Journal of Animal Science, 2011, 10, e61.	0.8	20
79	Evaluation of circulating leukocyte transcriptome and its relationship with immune function and blood markers in dairy cows during the transition period. Functional and Integrative Genomics, 2020, 20, 293-305.	1.4	20
80	Transition Cow: Interaction with Fertility. Veterinary Research Communications, 2003, 27, 143-152.	0.6	19
81	Effects of dry period length and dietary energy source on inflammatory biomarkers and oxidative stress in dairy cows. Journal of Dairy Science, 2017, 100, 4961-4975.	1.4	19
82	Daily rumination pattern recorded by an automatic rumination-monitoring system in pre-weaned calves fed whole bulk milk and ad libitum calf starter. Livestock Science, 2018, 212, 127-130.	0.6	19
83	Effect of grain- or by-product-based concentrate fed with early- or late-harvested first-cut grass silage on dairy cow performance. Journal of Dairy Science, 2018, 101, 7133-7145.	1.4	19
84	Choline supply during negative nutrient balance alters hepatic cystathionine Î²-synthase, intermediates of the methionine cycle and transsulfuration pathway, and liver function in Holstein cows. Journal of Dairy Science, 2019, 102, 8319-8331.	1.4	19
85	Blood indices calves: relationship with mother values and changes in the first days of life. Italian Journal of Animal Science, 2009, 8, 595-597.	0.8	18
86	Reticulo-rumen mass, epithelium gene expression, and systemic biomarkers of metabolism and inflammation in Holstein dairy cows fed a high-energy diet. Journal of Dairy Science, 2017, 100, 9352-9360.	1.4	18
87	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. Journal of Dairy Science, 2018, 101, 7954-7970.	1.4	18
88	The Transition Period Updated: A Review of the New Insights into the Adaptation of Dairy Cows to the New Lactation. Dairy, 2021, 2, 617-636.	0.7	18
89	Grain challenge affects systemic and hepatic molecular biomarkers of inflammation, stress, and metabolic responses to a greater extent in Holstein than Jersey cows. Journal of Dairy Science, 2017, 100, 9153-9162.	1.4	17
90	Feeding a Saccharomyces cerevisiae fermentation product improves udder health and immune response to a Streptococcus uberis mastitis challenge in mid-lactation dairy cows. Journal of Animal Science and Biotechnology, 2021, 12, 62.	2.1	17

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91	Milk replacer restriction during early life impairs the live body weight and progesterone patterns of ewe lambs during the replacement period. Journal of Dairy Science, 2018, 101, 8021-8031.	1.4	16
92	Early Life Fecal Microbiota Transplantation in Neonatal Dairy Calves Promotes Growth Performance and Alleviates Inflammation and Oxidative Stress during Weaning. Animals, 2021, 11, 2704.	1.0	16
93	Quarter-level analyses of the associations among subclinical intramammary infection and milk quality, udder health, and cheesemaking traits in Holstein cows. Journal of Dairy Science, 2022, 105, 3490-3507.	1.4	16
94	2,4-Thiazolidinedione Treatment Improves the Innate Immune Response in Dairy Goats with Induced Subclinical Mastitis. PPAR Research, 2017, 2017, 1-22.	1.1	15
95	Plasma fructosamine during the transition period and its relationship with energy metabolism and inflammation biomarkers in dairy cows. Livestock Science, 2018, 216, 138-147.	0.6	15
96	Enrichment devices for undocked heavy pigs: effects on animal welfare, blood parameters and production traits. Italian Journal of Animal Science, 2019, 18, 45-56.	0.8	15
97	Effects of peripartal yeast culture supplementation on lactation performance, blood biomarkers, rumen fermentation, and rumen bacteria species in dairy cows. Journal of Dairy Science, 2021, 104, 10727-10743.	1.4	15
98	Innate immune responses to metabolic stress can be detected in rumen fluids. Research in Veterinary Science, 2018, 117, 65-73.	0.9	15
99	Body condition alters glutathione and nuclear factor erythroid 2-like 2 (NFE2L2)â€“related antioxidant network abundance in subcutaneous adipose tissue of periparturient Holstein cows. Journal of Dairy Science, 2020, 103, 6439-6453.	1.4	15
100	Inflammatory Response and Acute Phase Proteins in the Transition Period of High-Yielding Dairy Cows. , 0, , .		14
101	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. Journal of Dairy Science, 2019, 102, 10599-10605.	1.4	14
102	Genetic parameters of differential somatic cell count, milk composition, and cheese-making traits measured and predicted using spectral data in Holstein cows. Journal of Dairy Science, 2021, 104, 10934-10949.	1.4	14
103	Associations between ultrasound measurements and hematochemical parameters for the assessment of liver metabolic status in Holsteinâ€“Friesian cows. Scientific Reports, 2021, 11, 16314.	1.6	13
104	Association of postpartum uterine diseases with lying time and metabolic profiles of multiparous Holstein dairy cows in the transition period. Veterinary Journal, 2020, 263, 105533.	0.6	12
105	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. Journal of Dairy Science, 2020, 103, 11889-11910.	1.4	12
106	Blood inflammatory indices in goats around kidding. Italian Journal of Animal Science, 2005, 4, 404-405.	0.8	11
107	Assessment of gastrointestinal permeability by lactulose test in sheep after repeated indomethacin treatment1. Journal of Animal Science, 2013, 91, 5646-5653.	0.2	11
108	Supplemental Smartamine M in higher-energy diets during the prepartal period improves hepatic biomarkers of health and oxidative status in Holstein cows. Journal of Animal Science and Biotechnology, 2017, 8, 17.	2.1	11

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109	Liver transcriptomic and plasma metabolomic profiles of fattening lambs are modified by feed restriction during the suckling period1. Journal of Animal Science, 2018, 96, 1495-1507.	0.2	11
110	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. Livestock Science, 2020, 232, 103918.	0.6	11
111	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. Animals, 2021, 11, 1714.	1.0	11
112	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. Journal of Dairy Science, 2020, 103, 1908-1913.	1.4	11
113	Plasma cortisol variations in dairy cows after some usual or unusual manipulations. Italian Journal of Animal Science, 2005, 4, 200-202.	0.8	10
114	Productive and metabolic consequences induced by the retained placenta in dairy cows. Veterinary Research Communications, 2008, 32, 363-366.	0.6	10
115	Sfamare un mondo di nove miliardi di persone: le sfide per una zootecnia sostenibile. Italian Journal of Agronomy, 2011, 6, 7.	0.4	10
116	The nutrigenomic investigation of C57BL/6N mice fed a short-term high-fat diet highlights early changes in clock genes expression. Genes and Nutrition, 2013, 8, 465-474.	1.2	10
117	Metabolic and biochemical changes in plasma of the periparturient rabbit does with different litter size. Animal, 2015, 9, 614-621.	1.3	10
118	The effect of parity number on the metabolism, inflammation, and oxidative status of dairy sheep during the transition period. Journal of Dairy Science, 2020, 103, 8564-8575.	1.4	10
119	Pegbovigrastim Treatment around Parturition Enhances Postpartum Immune Response Gene Network Expression of whole Blood Leukocytes in Holstein and Simmental Cows. Animals, 2020, 10, 621.	1.0	10
120	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. BMC Genomics, 2021, 22, 280.	1.2	10
121	Real-time milk analysis integrated with stacking ensemble learning as a tool for the daily prediction of cheese-making traits in Holstein cattle. Journal of Dairy Science, 2022, 105, 4237-4255.	1.4	10
122	In-line near-infrared analysis of milk coupled with machine learning methods for the daily prediction of blood metabolic profile in dairy cattle. Scientific Reports, 2022, 12, 8058.	1.6	10
123	Impact of somatic cell count combined with differential somatic cell count on milk protein fractions in Holstein cattle. Journal of Dairy Science, 2022, 105, 6447-6459.	1.4	10
124	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-Î± challenge in nonlactating, nonpregnant Holstein cows. Journal of Dairy Science, 2018, 101, 10206-10219.	1.4	9
125	Maternal body condition during late-pregnancy is associated with in utero development and neonatal growth of Holstein calves. Journal of Animal Science and Biotechnology, 2021, 12, 44.	2.1	9
126	Adverse Effects of Fusarium Toxins in Ruminants: A Review of In Vivo and In Vitro Studies. Dairy, 2022, 3, 474-499.	0.7	9

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127	Administration ofAloe arborescenshomogenate to cattle: interaction with rumen fermentation and gut absorption of aloin. Italian Journal of Animal Science, 2016, 15, 233-240.	0.8	8
128	Effect of Pegbovigrastim on Hematological Profile of Simmental Dairy Cows during the Transition Period. Animals, 2019, 9, 841.	1.0	8
129	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. Italian Journal of Animal Science, 2019, 18, 1271-1283.	0.8	8
130	Effect of a Commercial Bentonite Clay (Smectite Clay) on Dairy Cows Fed Aflatoxin-Contaminated Feed. Dairy, 2020, 1, 135-153.	0.7	8
131	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. Journal of Dairy Science, 2021, 104, 9340-9354.	1.4	8
132	Early Feed Restriction Programs Metabolic Disorders in Fattening Merino Lambs. Animals, 2018, 8, 83.	1.0	7
133	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. Animal Feed Science and Technology, 2018, 243, 80-89.	1.1	7
134	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. Journal of Dairy Science, 2018, 101, 8476-8491.	1.4	7
135	Administration of an Immune Stimulant during the Transition Period Improved Lipid Metabolism and Rumination without Affecting Inflammatory Status. Animals, 2019, 9, 619.	1.0	7
136	Combinations of non-invasive indicators to detect dairy cows submitted to high-starch-diet challenge. Animal, 2020, 14, 388-398.	1.3	7
137	Molecular networks of insulin signaling and amino acid metabolism in subcutaneous adipose tissue are altered by body condition in periparturient Holstein cows. Journal of Dairy Science, 2020, 103, 10459-10476.	1.4	7
138	Effects of Aloe arborescens Whole Plant Homogenate on Lipid Metabolism, Inflammatory Conditions and Liver Function of Dairy Cows during the Transition Period. Animals, 2020, 10, 917.	1.0	7
139	Age-related metabolic changes of pre-weaned Simmental calves fed whole bulk milk and ad libitum calf starter. Research in Veterinary Science, 2021, 135, 237-243.	0.9	7
140	Mediterranean Diet Affects Blood Circulating Lipid-Soluble Micronutrients and Inflammatory Biomarkers in a Cohort of Breast Cancer Survivors: Results from the SETA Study. Nutrients, 2021, 13, 3482.	1.7	7
141	Change of digesta passage rate in dairy cows after different acute stress situations. Italian Journal of Animal Science, 2007, 6, 377-379.	0.8	6
142	Adrenal responsiveness to a low-dose ACTH challenge in early and late lactating dairy cows. Italian Journal of Animal Science, 2009, 8, 661-663.	0.8	6
143	One-carbon, carnitine, and glutathione metabolism-related biomarkers in peripartal Holstein cows are altered by prepartal body condition. Journal of Dairy Science, 2021, 104, 3403-3417.	1.4	6
144	The use of an upgraded GreenFeed system and milk fatty acids to estimate energy balance in early-lactation cows. Journal of Dairy Science, 2021, 104, 6701-6714.	1.4	6

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145	The effect of dietary rumen-protected trans-10,cis-12 conjugated linoleic acid or a milk fat-depressing diet on energy metabolism, inflammation, and oxidative stress of dairy cows in early lactation. Journal of Dairy Science, 2022, 105, 3032-3048.	1.4	6
146	Associations between ultrasound hepatic measurements, body measures, and milk production traits in Holstein cows. Journal of Dairy Science, 2022, 105, 7111-7124.	1.4	6
147	Metabolic effects of two different lapses without concentrate in early lactating dairy cows. Livestock Science, 1994, 39, 139-140.	1.2	5
148	Preliminary Studies on Compatibility between High Yield Levels and the Well-being of Dairy Cows. Veterinary Research Communications, 2003, 27, 639-641.	0.6	5
149	Estimation of dry matter intake by n-alkanes in dairy cows fed TMR: effect of dosing technique and faecal collection time. Animal Production Science, 2014, 54, 1747.	0.6	5
150	Disease-Predicting and Prognostic Potential of Innate Immune Responses to Noninfectious Stressors: Human and Animal Models. , 2016, , 209-235.		5
151	Technical note: Capillary electrophoresis as a rapid test for the quantification of immunoglobulin G in serum of newborn lambs. Journal of Dairy Science, 2020, 103, 6583-6587.	1.4	5
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. Animals, 2021, 11, 2168.	1.0	5
153	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. Livestock Science, 2021, 254, 104740.	0.6	5
154	Gene network expression of whole blood leukocytes in dairy cows with different milk yield at dry-off. PLoS ONE, 2021, 16, e0260745.	1.1	5
155	Associations between Milk Fatty Acid Profile and Body Condition Score, Ultrasound Hepatic Measurements and Blood Metabolites in Holstein Cows. Animals, 2022, 12, 1202.	1.0	5
156	Residual feed intake in peripartal dairy cows is associated with differences in milk fat yield, ruminal bacteria, biopolymer hydrolyzing enzymes, and circulating biomarkers of immunometabolism. Journal of Dairy Science, 2022, 105, 6654-6669.	1.4	5
157	Anti-inflammatory treatments in calving dairy cows: effects on haematological and metabolic profiles. Italian Journal of Animal Science, 2005, 4, 203-205.	0.8	4
158	Can a single rumen sample really diagnose SARA in commercial farms?. Animal Production Science, 2014, 54, 1268.	0.6	4
159	Welfare Is Affected by Nutrition Through Health, Especially Immune Function and Inflammation. Animal Welfare, 2016, , 85-113.	1.0	4
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