

Erminio Trevisi

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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	Effects of inflammatory conditions on liver activity in puerperium period and consequences for performance in dairy cows. <i>Journal of Dairy Science</i> , 2008 , 91, 3300-10	4	273
169	Plasma paraoxonase, health, inflammatory conditions, and liver function in transition dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 1740-50	4	272
168	Metabolic stress and inflammatory response in high-yielding, periparturient dairy cows. <i>Research in Veterinary Science</i> , 2012 , 93, 695-704	2.5	174
167	Role of endotoxin and TNF-alpha in the pathogenesis of experimentally induced coliform mastitis in periparturient cows. <i>Journal of Dairy Research</i> , 2000 , 67, 503-14	1.6	110
166	Relationships between rumination time, metabolic conditions, and health status in dairy cows during the transition period. <i>Journal of Animal Science</i> , 2012 , 90, 4544-4554	0.7	109
165	Use of the liver activity index and other metabolic variables in the assessment of metabolic health in dairy herds. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013 , 29, 413-31	4.6	106
164	Biomarkers of inflammation, metabolism, and oxidative stress in blood, liver, and milk reveal a better immunometabolic status in periparturient cows supplemented with Smartamine M or MetaSmart. <i>Journal of Dairy Science</i> , 2014 , 97, 7437-50	4	100
163	A heritable subset of the core rumen microbiome dictates dairy cow productivity and emissions. <i>Science Advances</i> , 2019 , 5, eaav8391	14.3	87
162	Better postpartal performance in dairy cows supplemented with rumen-protected methionine compared with choline during the periparturient period. <i>Journal of Dairy Science</i> , 2016 , 99, 8716-8732	4	81
161	Blood immunometabolic indices and polymorphonuclear neutrophil function in periparturient dairy cows are altered by level of dietary energy prepartum. <i>Journal of Dairy Science</i> , 2012 , 95, 1749-58	4	79
160	Liver lipid content and inflammometabolic indices in periparturient dairy cows are altered in response to prepartal energy intake and postpartal intramammary inflammatory challenge. <i>Journal of Dairy Science</i> , 2013 , 96, 918-35	4	74
159	Rumen-protected methionine compared with rumen-protected choline improves immunometabolic status in dairy cows during the periparturient period. <i>Journal of Dairy Science</i> , 2016 , 99, 8956-8969	4	72
158	Rumination time around calving: an early signal to detect cows at greater risk of disease. <i>Journal of Dairy Science</i> , 2014 , 97, 3635-47	4	71
157	Ethyl-cellulose rumen-protected methionine enhances performance during the periparturient period and early lactation in Holstein dairy cows. <i>Journal of Dairy Science</i> , 2017 , 100, 7455-7467	4	70
156	Strategies for reduced antibiotic usage in dairy cattle farms. <i>Research in Veterinary Science</i> , 2014 , 96, 229-33	2.5	60
155	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> , 2018 , 101, 480-490	4	59
154	Experimental acute rumen acidosis in sheep: consequences on clinical, rumen, and gastrointestinal permeability conditions and blood chemistry. <i>Journal of Animal Science</i> , 2014 , 92, 3966-77	0.7	56

153	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> , 2015 , 98, 7717-29	4	55
152	Metabolic changes in dairy cows induced by oral, low-dose interferon-alpha treatment. <i>Journal of Animal Science</i> , 2009 , 87, 3020-9	0.7	55
151	Assessment of the innate immune response in the periparturient cow. <i>Research in Veterinary Science</i> , 2018 , 116, 47-54	2.5	54
150	Abundance of ruminal bacteria, epithelial gene expression, and systemic biomarkers of metabolism and inflammation are altered during the peripartal period in dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 8940-51	4	48
149	Some new aspects of nutrition, health conditions and fertility of intensively reared dairy cows. <i>Italian Journal of Animal Science</i> , 2009 , 8, 491-518	2.2	48
148	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> , 2016 , 99, 6753-6763	4	47
147	Pro-Inflammatory Cytokine Profile in Dairy Cows: Consequences for New Lactation. <i>Italian Journal of Animal Science</i> , 2015 , 14, 3862	2.2	46
146	Circulating amino acids in blood plasma during the peripartal period in dairy cows with different liver functionality index. <i>Journal of Dairy Science</i> , 2016 , 99, 2257-2267	4	45
145	Functional welfare Using biochemical and molecular technologies to understand better the welfare state of peripartal dairy cattle. <i>Animal Production Science</i> , 2013 , 53, 931	1.4	44
144	Blood and milk immune and inflammatory profiles in periparturient dairy cows showing a different liver activity index. <i>Journal of Dairy Research</i> , 2010 , 77, 310-7	1.6	43
143	Some physiological and biochemical methods for acute and chronic stress evaluation in dairy cows. <i>Italian Journal of Animal Science</i> , 2009 , 8, 265-286	2.2	43
142	Milk microbiome diversity and bacterial group prevalence in a comparison between healthy Holstein Friesian and Rendena cows. <i>PLoS ONE</i> , 2018 , 13, e0205054	3.7	40
141	What we have lost: Mastitis resistance in Holstein Friesians and in a local cattle breed. <i>Research in Veterinary Science</i> , 2018 , 116, 88-98	2.5	38
140	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> , 2016 , 12, 4	2.7	36
139	Gut response induced by weaning in piglet features marked changes in immune and inflammatory response. <i>Functional and Integrative Genomics</i> , 2014 , 14, 657-71	3.8	36
138	Relation of inflammation and liver function with the plasma cortisol response to adrenocorticotropin in early lactating dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 5712-22	4	35
137	Effects of acetyl-salicylate used in post-calving of dairy cows. <i>Veterinary Research Communications</i> , 2004 , 28 Suppl 1, 217-9	2.9	34
136	The association between indicators of inflammation and liver variables during the transition period in high-yielding dairy cows: an observational study. <i>Veterinary Journal</i> , 2012 , 192, 222-5	2.5	32

135	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. <i>Journal of Dairy Science</i> , 2013 , 96, 3573-87	4	32
134	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> , 2017 , 100, 3958-3968	4	31
133	Integrative analyses of hepatic differentially expressed genes and blood biomarkers during the periparturient period between dairy cows overfed or restricted-fed energy prepartum. <i>PLoS ONE</i> , 2014 , 9, e99757	3.7	31
132	Immune system, inflammation and nutrition in dairy cattle. <i>Animal Production Science</i> , 2015 , 55, 943	1.4	30
131	Evaluation of innate immune responses in bovine forestomachs. <i>Research in Veterinary Science</i> , 2014 , 96, 69-78	2.5	29
130	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> , 2015 , 165, 119-26	2	28
129	Differential effects of coconut versus soy oil on gut microbiota composition and predicted metabolic function in adult mice. <i>BMC Genomics</i> , 2018 , 19, 808	4.5	26
128	Prepartal standing behavior as a parameter for early detection of postpartal subclinical ketosis associated with inflammation and liver function biomarkers in periparturient dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 8224-8235	4	25
127	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> , 2014 , 97, 7788-803	4	24
126	Short-term modifications in the distal gut microbiota of weaning mice induced by a high-fat diet. <i>Microbiology (United Kingdom)</i> , 2012 , 158, 983-992	2.9	24
125	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> , 2019 , 102, 9241-9258	4	23
124	Supplementing Zn, Mn, and Cu from amino acid complexes and Co from cobalt glucoheptonate during the periparturient period benefits postpartal cow performance and blood neutrophil function. <i>Journal of Dairy Science</i> , 2016 , 99, 1868-1883	4	22
123	Dehydroepiandrosterone secretion in dairy cattle is episodic and unaffected by ACTH stimulation. <i>Journal of Endocrinology</i> , 2007 , 194, 627-35	4.7	21
122	Effects of different enrichment devices on some welfare indicators of post-weaned undocked piglets. <i>Applied Animal Behaviour Science</i> , 2016 , 184, 25-34	2.2	20
121	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> , 2015 , 208, 170-181	3	19
120	Immunometabolic status and productive performance differences between periparturient Simmental and Holstein dairy cows in response to pegbovigrastim. <i>Journal of Dairy Science</i> , 2019 , 102, 9312-9327	4	19
119	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> , 2018 , 9, 83	6	19
118	Effects of the precalving administration of omega-3 fatty acids alone or in combination with acetylsalicylic acid in periparturient dairy cows. <i>Journal of Animal Science</i> , 2013 , 91, 2657-66	0.7	18

117	Acute mammary and liver transcriptome responses after an intramammary <i>Escherichia coli</i> lipopolysaccharide challenge in postpartal dairy cows. <i>Physiological Reports</i> , 2015 , 3, e12388	2.6	17
116	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> , 2018 , 9, 12	6	17
115	Effects of dry period length and dietary energy source on inflammatory biomarkers and oxidative stress in dairy cows. <i>Journal of Dairy Science</i> , 2017 , 100, 4961-4975	4	16
114	Attenuation of inflammatory response phenomena in periparturient dairy cows by the administration of an B rumen protected supplement containing vitamin E. <i>Italian Journal of Animal Science</i> , 2011 , 10, e61	2.2	16
113	Relationships between rumination time, metabolic conditions, and health status in dairy cows during the transition period. <i>Journal of Animal Science</i> , 2012 , 90, 4544-54	0.7	16
112	Immunometabolic Status during the Peripartum Period Is Enhanced with Supplemental Zn, Mn, and Cu from Amino Acid Complexes and Co from Co Glucoheptonate. <i>PLoS ONE</i> , 2016 , 11, e0155804	3.7	16
111	Stress and inflammatory gene networks in bovine liver are altered by plane of dietary energy during late pregnancy. <i>Functional and Integrative Genomics</i> , 2015 , 15, 563-76	3.8	15
110	Early post-partum hematological changes in Holstein dairy cows with retained placenta. <i>Animal Reproduction Science</i> , 2015 , 152, 17-25	2.1	15
109	The management of intensive dairy farms can be improved for better welfare and milk yield. <i>Livestock Science</i> , 2006 , 103, 231-236	1.7	15
108	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> , 2020 , 103, 972-991	4	15
107	Johne's disease in cattle: an in vitro model to study early response to infection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> using RNA-seq. <i>Molecular Immunology</i> , 2017 , 91, 259-271	4.3	14
106	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> , 2015 , 10, e0142633	3.7	14
105	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> , 2017 , 100, 6720-6732	4	13
104	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> , 2018 , 101, 7133-7145	4	13
103	Plasma fructosamine during the transition period and its relationship with energy metabolism and inflammation biomarkers in dairy cows. <i>Livestock Science</i> , 2018 , 216, 138-147	1.7	12
102	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> , 2017 , 100, 9153-9162	4	12
101	2,4-Thiazolidinedione Treatment Improves the Innate Immune Response in Dairy Goats with Induced Subclinical Mastitis. <i>PPAR Research</i> , 2017 , 2017, 7097450	4.3	12
100	Hepatic purinergic signaling gene network expression and its relationship with inflammation and oxidative stress biomarkers in blood from peripartal dairy cattle. <i>Journal of Dairy Science</i> , 2014 , 97, 861-73	4	12

99	Blood indices calves: relationship with mother values and changes in the first days of life. <i>Italian Journal of Animal Science</i> , 2009 , 8, 595-597	2.2	12
98	Transition cow: interaction with fertility. <i>Veterinary Research Communications</i> , 2003 , 27 Suppl 1, 143-52	2.9	12
97	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> , 2020 , 20, 293-305	3.8	12
96	Systems for evaluation of welfare on dairy farms. <i>Journal of Dairy Research</i> , 2020 , 87, 13-19	1.6	12
95	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> , 2018 , 212, 127-130	1.7	11
94	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> , 2017 , 114, 322-331	2.5	11
93	Inflammatory Response and Acute Phase Proteins in the Transition Period of High-Yielding Dairy Cows 2011 ,		11
92	Blood inflammatory indices in goats around kidding. <i>Italian Journal of Animal Science</i> , 2005 , 4, 404-405	2.2	11
91	Inflammatory status and metabolic changes at dry-off in high-yield dairy cows. <i>Italian Journal of Animal Science</i> , 2020 , 19, 51-65	2.2	11
90	Role of nutraceuticals during the transition period of dairy cows: a review. <i>Journal of Animal Science and Biotechnology</i> , 2020 , 11, 96	6	11
89	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> , 2018 , 101, 8021-8031	4	11
88	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> , 2019 , 102, 10599-10605	4	10
87	Liver transcriptomic and plasma metabolomic profiles of fattening lambs are modified by feed restriction during the suckling period. <i>Journal of Animal Science</i> , 2018 , 96, 1495-1507	0.7	10
86	Transcriptional changes detected in fecal RNA of neonatal dairy calves undergoing a mild diarrhea are associated with inflammatory biomarkers. <i>PLoS ONE</i> , 2018 , 13, e0191599	3.7	10
85	Choline supply during negative nutrient balance alters hepatic cystathionine β -synthase, intermediates of the methionine cycle and transsulfuration pathway, and liver function in Holstein cows. <i>Journal of Dairy Science</i> , 2019 , 102, 8319-8331	4	10
84	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> , 2017 , 100, 9352-9360	4	10
83	Assessment of gastrointestinal permeability by lactulose test in sheep after repeated indomethacin treatment. <i>Journal of Animal Science</i> , 2013 , 91, 5646-53	0.7	10
82	Innate immune responses to metabolic stress can be detected in rumen fluids. <i>Research in Veterinary Science</i> , 2018 , 117, 65-73	2.5	10

81	A mycotoxin-deactivating feed additive counteracts the adverse effects of regular levels of Fusarium mycotoxins in dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 11314-11331	4	10
80	Interaction between inflammation and metabolism in periparturient dairy cows. <i>Journal of Animal Science</i> , 2020 , 98, S155-S174	0.7	10
79	Enrichment devices for undocked heavy pigs: effects on animal welfare, blood parameters and production traits. <i>Italian Journal of Animal Science</i> , 2019 , 18, 45-56	2.2	9
78	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> , 2020 , 103, 1908-1913	4	9
77	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> , 2020 , 103, 6439-6453	4	8
76	Hepatic metabolomics and transcriptomics to study susceptibility to ketosis in response to prepartal nutritional management. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 96	6	8
75	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> , 2018 , 101, 7954-7970	4	8
74	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> , 2020 , 103, 11889-11910	4	7
73	Metabolic and biochemical changes in plasma of the periparturient rabbit does with different litter size. <i>Animal</i> , 2015 , 9, 614-21	3.1	7
72	The nutrigenomic investigation of C57BL/6N mice fed a short-term high-fat diet highlights early changes in clock genes expression. <i>Genes and Nutrition</i> , 2013 , 8, 465-74	4.3	7
71	Plasma cortisol variations in dairy cows after some usual or unusual manipulations. <i>Italian Journal of Animal Science</i> , 2005 , 4, 200-202	2.2	7
70	The Role of Innate Immune Response and Microbiome in Resilience of Dairy Cattle to Disease: The Mastitis Model. <i>Animals</i> , 2020 , 10,	3.1	7
69	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> , 2018 , 243, 80-89	3	6
68	Sfamare un mondo di nove miliardi di persone: le sfide per una zootecnia sostenibile. <i>Italian Journal of Agronomy</i> , 2011 , 6, 7	1.4	6
67	Change of digesta passage rate in dairy cows after different acute stress situations. <i>Italian Journal of Animal Science</i> , 2007 , 6, 377-379	2.2	6
66	Productive and metabolic consequences induced by the retained placenta in dairy cows. <i>Veterinary Research Communications</i> , 2008 , 32 Suppl 1, S363-6	2.9	6
65	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> , 2020 , 103, 8564-8575	4	6
64	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> , 2021 , 104, 8228-8242	4	6

63	Pegbovigrastim Treatment around Parturition Enhances Postpartum Immune Response Gene Network Expression of whole Blood Leukocytes in Holstein and Simmental Cows. <i>Animals</i> , 2020 , 10,	3.1	6
62	Administration of Aloe arborescens homogenate to cattle: interaction with rumen fermentation and gut absorption of aloin. <i>Italian Journal of Animal Science</i> , 2016 , 15, 233-240	2.2	5
61	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> , 2018 , 101, 8476-8491	4	5
60	Effect of Pegbovigrastim on Hematological Profile of Simmental Dairy Cows during the Transition Period. <i>Animals</i> , 2019 , 9,	3.1	5
59	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> , 2014 , 54, 1747	1.4	5
58	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> , 2020 , 232, 103918	1.7	5
57	Association of postpartum uterine diseases with lying time and metabolic profiles of multiparous Holstein dairy cows in the transition period. <i>Veterinary Journal</i> , 2020 , 263, 105533	2.5	5
56	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- α challenge in nonlactating, nonpregnant Holstein cows. <i>Journal of Dairy Science</i> , 2018 , 101, 10206-10219	4	5
55	Early Feed Restriction Programs Metabolic Disorders in Fattening Merino Lambs. <i>Animals</i> , 2018 , 8,	3.1	5
54	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> , 2017 , 8, 17	6	4
53	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> , 2019 , 18, 1271-1283	2.2	4
52	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> , 2020 , 103, 10459-10476 ⁴	4	4
51	Effects of Whole Plant Homogenate on Lipid Metabolism, Inflammatory Conditions and Liver Function of Dairy Cows during the Transition Period. <i>Animals</i> , 2020 , 10,	3.1	4
50	Can a single rumen sample really diagnose SARA in commercial farms?. <i>Animal Production Science</i> , 2014 , 54, 1268	1.4	4
49	Adrenal responsiveness to a low-dose ACTH challenge in early and late lactating dairy cows. <i>Italian Journal of Animal Science</i> , 2009 , 8, 661-663	2.2	4
48	Anti-inflammatory treatments in calving dairy cows: effects on haematological and metabolic profiles. <i>Italian Journal of Animal Science</i> , 2005 , 4, 203-205	2.2	4
47	Metabolic effects of two different lapses without concentrate in early lactating dairy cows. <i>Livestock Science</i> , 1994 , 39, 139-140		4
46	Associations between differential somatic cell count and milk yield, quality, and technological characteristics in Holstein cows. <i>Journal of Dairy Science</i> , 2021 , 104, 4822-4836	4	4

45	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> , 2021 , 12, 62	6	4
44	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> , 2021 , 104, 10727-10744	4	4
43	2,4-Thiazolidinedione in Well-Fed Lactating Dairy Goats: I. Effect on Adiposity and Milk Fat Synthesis. <i>Veterinary Sciences</i> , 2019 , 6,	2.4	3
42	2,4-Thiazolidinedione in Well-Fed Lactating Dairy Goats: II. Response to Intra-Mammary Infection. <i>Veterinary Sciences</i> , 2019 , 6,	2.4	3
41	Effect of litter size on prepartum metabolic and amino acidic profile in rabbit does. <i>Animal</i> , 2020 , 14, 2109-2115	3.1	3
40	Preliminary studies on compatibility between high yield levels and the well-being of dairy cows. <i>Veterinary Research Communications</i> , 2003 , 27 Suppl 1, 639-41	2.9	3
39	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> , 2021 , 22, 280	4.5	3
38	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> , 2021 , 12, 44	6	3
37	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> , 2021 , 11,	3.1	3
36	Combinations of non-invasive indicators to detect dairy cows submitted to high-starch-diet challenge. <i>Animal</i> , 2020 , 14, 388-398	3.1	3
35	The β -casein (CSN2) A2 allelic variant alters milk protein profile and slightly worsens coagulation properties in Holstein cows.. <i>Journal of Dairy Science</i> , 2022 ,	4	3
34	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> , 2017 , 101, 511-520	2.6	2
33	Administration of an Immune Stimulant during the Transition Period Improved Lipid Metabolism and Rumination without Affecting Inflammatory Status. <i>Animals</i> , 2019 , 9,	3.1	2
32	Disease-Predicting and Prognostic Potential of Innate Immune Responses to Noninfectious Stressors: Human and Animal Models 2016 , 209-235		2
31	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> , 2020 , 103, 6583-6587	4	2
30	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> , 2017 , 8, 64	6	2
29	Effect of a Commercial Bentonite Clay (Smectite Clay) on Dairy Cows Fed Aflatoxin-Contaminated Feed. <i>Dairy</i> , 2020 , 1, 135-153	2.6	2
28	One-carbon, carnitine, and glutathione metabolism-related biomarkers in peripartal Holstein cows are altered by prepartal body condition. <i>Journal of Dairy Science</i> , 2021 , 104, 3403-3417	4	2

27	Genetic Regulation of Biomarkers as Stress Proxies in Dairy Cows. <i>Genes</i> , 2021 , 12,	4.2	2
26	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> , 2021 , 104, 6701-6714	4	2
25	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> , 2021 , 11,	3.1	2
24	Welfare Is Affected by Nutrition Through Health, Especially Immune Function and Inflammation. <i>Animal Welfare</i> , 2016 , 85-113	1	2
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