

Lorraine M Sordillo

List of Publications by Year in descending order

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167
papers

7,498
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53794

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Link Between 15-F2t-Isoprostane Activity and Acute Bovine Endothelial Inflammation Remains Elusive. <i>Frontiers in Veterinary Science</i> , 2022, 9, 873544.	2.2	3
2	Serum retinol, β -carotene, and α -tocopherol as biomarkers for disease risk and milk production in periparturient dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 915-927.	3.4	12
3	Isoprostanes in Veterinary Medicine: Beyond a Biomarker. <i>Antioxidants</i> , 2021, 10, 145.	5.1	8
4	Oxidative Stress Compromises Lymphocyte Function in Neonatal Dairy Calves. <i>Antioxidants</i> , 2021, 10, 255.	5.1	18
5	Invited review: Cytochrome P450 enzyme involvement in health and inflammatory-based diseases of dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 1276-1290.	3.4	7
6	Inhibition of 20 α -hydroxyeicosatetraenoic acid biosynthesis by vitamin E analogs in human and bovine cytochrome P450 microsomes. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, , .	2.2	2
7	Flunixin Meglumine Reduces Milk Isoprostane Concentrations in Holstein Dairy Cattle Suffering from Acute Coliform Mastitis. <i>Antioxidants</i> , 2021, 10, 834.	5.1	6
8	Rumination time around dry-off relative to the development of diseases in early-lactation cows. <i>Journal of Dairy Science</i> , 2021, 104, 5909-5920.	3.4	8
9	Activity of sEH and Oxidant Status during Systemic Bovine Coliform Mastitis. <i>Antioxidants</i> , 2021, 10, 812.	5.1	5
10	Vitamin E analogs limit in vitro oxidant damage to bovine mammary endothelial cells. <i>Journal of Dairy Science</i> , 2021, 104, 7154-7167.	3.4	11
11	Serum Vitamin D Is Associated with Antioxidant Potential in Peri-Parturient Cows. <i>Antioxidants</i> , 2021, 10, 1420.	5.1	4
12	The Impact of N-Acetyl Cysteine and Coenzyme Q10 Supplementation on Skeletal Muscle Antioxidants and Proteome in Fit Thoroughbred Horses. <i>Antioxidants</i> , 2021, 10, 1739.	5.1	8
13	Widespread basal cytochrome P450 expression in extrahepatic bovine tissues and isolated cells. <i>Journal of Dairy Science</i> , 2020, 103, 625-637.	3.4	11
14	Diet starch concentration and starch fermentability affect markers of inflammatory response and oxidant status in dairy cows during the early postpartum period. <i>Journal of Dairy Science</i> , 2020, 103, 352-367.	3.4	9
15	Serum vitamin D concentrations at dry-off and close-up predict increased postpartum urine ketone concentrations in dairy cattle. <i>Journal of Dairy Science</i> , 2020, 103, 1795-1806.	3.4	12
16	Lipolysis modulates the biosynthesis of inflammatory lipid mediators derived from linoleic acid in adipose tissue of periparturient dairy cows. <i>Journal of Dairy Science</i> , 2020, 103, 1944-1955.	3.4	18
17	Bovine leukemia virus detection and dynamics following experimental inoculation. <i>Research in Veterinary Science</i> , 2020, 133, 269-275.	1.9	12
18	Evaluation of natural plant extracts as antioxidants in a bovine in vitro model of oxidative stress. <i>Journal of Dairy Science</i> , 2020, 103, 8938-8947.	3.4	27

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19	Changes in bovine leukemia virus serological status and lymphocyte count between dry-off and early lactation in Michigan dairy cows. <i>Journal of Dairy Science</i> , 2020, 103, 9473-9480.	3.4	2
20	Colostrum supplementation with n-3 fatty acids alters plasma polyunsaturated fatty acids and inflammatory mediators in newborn calves. <i>Journal of Dairy Science</i> , 2020, 103, 11676-11688.	3.4	16
21	Multicenter Placebo-Controlled Randomized Study of Ethyl Pyruvate in Horses Following Surgical Treatment for 360° Large Colon Volvulus. <i>Frontiers in Veterinary Science</i> , 2020, 7, 204.	2.2	2
22	Postpartum meloxicam administration alters plasma haptoglobin, polyunsaturated fatty acid, and oxylipid concentrations in postpartum ewes. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 68.	5.3	5
23	Colostrum supplementation with n-3 fatty acids and Î±-tocopherol alters plasma polyunsaturated fatty acid profile and decreases an indicator of oxidative stress in newborn calves. <i>Journal of Dairy Science</i> , 2020, 103, 3545-3553.	3.4	14
24	20-hydroxyeicosatetraenoic acid alters endothelial cell barrier integrity independent of oxidative stress and cell death. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 149, 106425.	1.9	12
25	Colostrum supplementation with n-3 fatty acids does not alter calf outcome on a healthy commercial farm. <i>Journal of Dairy Science</i> , 2020, 103, 11689-11696.	3.4	3
26	Arachidonic acid-derived hydroxyeicosatetraenoic acids are positively associated with colon polyps in adult males: a cross-sectional study. <i>Scientific Reports</i> , 2019, 9, 12033.	3.3	22
27	Prospects for predictive modeling of transition cow diseases. <i>Animal Health Research Reviews</i> , 2019, 20, 19-30.	3.1	9
28	Cohort-level disease prediction by extrapolation of individual-level predictions in transition dairy cattle. <i>Preventive Veterinary Medicine</i> , 2019, 169, 104692.	1.9	6
29	Cohort-level disease prediction using aggregate biomarker data measured at dry-off in transition dairy cattle: A proof-of-concept study. <i>Preventive Veterinary Medicine</i> , 2019, 169, 104701.	1.9	5
30	Effects of Super Nutritional Hepatic Copper Accumulation on Hepatocyte Health and Oxidative Stress in Dairy Cows. <i>Veterinary Medicine International</i> , 2019, 2019, 1-9.	1.5	12
31	Omega-3 fatty acids and docosahexaenoic acid oxymetabolites modulate the inflammatory response of equine recombinant interleukin 1Î²-stimulated equine synoviocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 142, 1-8.	1.9	16
32	Oxylipid profiles of dairy cattle vary throughout the transition into early mammary gland involution. <i>Journal of Dairy Science</i> , 2019, 102, 2481-2491.	3.4	14
33	Predictive models for early lactation diseases in transition dairy cattle at dry-off. <i>Preventive Veterinary Medicine</i> , 2019, 163, 68-78.	1.9	31
34	Symposium review: Oxylipids and the regulation of bovine mammary inflammatory responses. <i>Journal of Dairy Science</i> , 2018, 101, 5629-5641.	3.4	40
35	Reduced serum vitamin D concentrations in healthy early-lactation dairy cattle. <i>Journal of Dairy Science</i> , 2018, 101, 1488-1494.	3.4	17
36	Role of lipid mediators in the regulation of oxidative stress and inflammatory responses in dairy cattle. <i>Research in Veterinary Science</i> , 2018, 116, 4-14.	1.9	98

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37	Mammary Gland Immunobiology and Resistance to Mastitis. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2018, 34, 507-523.	1.2	62
38	Docosahexaenoic acid-derived oxidized lipid metabolites modulate the inflammatory response of lipopolysaccharide-stimulated macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 136, 76-83.	1.9	10
39	Changes in biomarkers of nutrient metabolism, inflammation, and oxidative stress in dairy cows during the transition into the early dry period. <i>Journal of Dairy Science</i> , 2018, 101, 9350-9359.	3.4	77
40	Maternal late-gestation metabolic stress is associated with changes in immune and metabolic responses of dairy calves. <i>Journal of Dairy Science</i> , 2018, 101, 6568-6580.	3.4	55
41	Production of 15-F-isoprostane as an assessment of oxidative stress in dairy cows at different stages of lactation. <i>Journal of Dairy Science</i> , 2018, 101, 9287-9295.	3.4	25
42	Obesity is positively associated with arachidonic acid-derived 5- and 11-hydroxyeicosatetraenoic acid (HETE). <i>Metabolism: Clinical and Experimental</i> , 2017, 70, 177-191.	3.4	71
43	Supplementation of linoleic acid (C18:2n-6) or $\hat{\pm}$ -linolenic acid (C18:3n-3) changes microbial agonist-induced oxylipid biosynthesis. <i>Journal of Dairy Science</i> , 2017, 100, 1870-1887.	3.4	15
44	Differences in the Oxylipid Profiles of Bovine Milk and Plasma at Different Stages of Lactation. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4980-4988.	5.2	30
45	Inhibiting prolactin by cabergoline accelerates mammary gland remodeling during the early dry period in dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 9787-9798.	3.4	22
46	Distinct Signature of Oxylipid Mediators of Inflammation during Infection and Asymptomatic Colonization by <i>E. coli</i> in the Urinary Bladder. <i>Mediators of Inflammation</i> , 2017, 2017, 1-16.	3.0	5
47	Periparturient lipolysis and oxylipid biosynthesis in bovine adipose tissues. <i>PLoS ONE</i> , 2017, 12, e0188621.	2.5	29
48	Oxidative stress-induced mitochondrial dysfunction in a normal colon epithelial cell line. <i>World Journal of Gastroenterology</i> , 2017, 23, 3427.	3.3	16
49	The Effect of Prepartum Adiposity and Lipolysis on Gestational and Postnatal Oxylipids Biosynthesis. <i>FASEB Journal</i> , 2017, 31, lb316.	0.5	0
50	Mammary Resistance Mechanisms: Endogenous $\hat{\tau}$. , 2016, , .		0
51	Apoptosis of Endothelial Cells by 13-HPODE Contributes to Impairment of Endothelial Barrier Integrity. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	3.0	23
52	Duration of in vivo endotoxin tolerance in horses. <i>Veterinary Immunology and Immunopathology</i> , 2016, 173, 10-16.	1.2	16
53	Short communication: Markers of oxidant status and inflammation relative to the development of claw lesions associated with lameness in early lactation cows. <i>Journal of Dairy Science</i> , 2016, 99, 5640-5648.	3.4	26
54	15 $\hat{\epsilon}$ -isoprostane Concentrations and Oxidant Status in Lactating Dairy Cattle with Acute Coliform Mastitis. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 339-347.	1.6	28

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55	Reduced humoral immunity and atypical cell-mediated immunity in response to vaccination in cows naturally infected with bovine leukemia virus. <i>Veterinary Immunology and Immunopathology</i> , 2016, 182, 125-135.	1.2	22
56	Cabergoline inhibits prolactin secretion and accelerates involution in dairy cows after dry-off. <i>Journal of Dairy Science</i> , 2016, 99, 5707-5718.	3.4	22
57	Nutritional strategies to optimize dairy cattle immunity. <i>Journal of Dairy Science</i> , 2016, 99, 4967-4982.	3.4	196
58	Quantification of bovine oxylipids during intramammary <i>Streptococcus uberis</i> infection. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 121, 207-217.	1.9	23
59	Role of endothelial cells in bovine mammary gland health and disease. <i>Animal Health Research Reviews</i> , 2015, 16, 135-149.	3.1	56
60	Plasma phospholipids, non-esterified plasma polyunsaturated fatty acids and oxylipids are associated with BMI. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 95, 31-40.	2.2	55
61	Short communication: Characterizing metabolic and oxidant status of pastured dairy cows postpartum in an automatic milking system. <i>Journal of Dairy Science</i> , 2015, 98, 7083-7089.	3.4	10
62	Polyunsaturated fatty acids influence differential biosynthesis of oxylipids and other lipid mediators during bovine coliform mastitis. <i>Journal of Dairy Science</i> , 2015, 98, 6202-6215.	3.4	57
63	The nexus between nutrient metabolism, oxidative stress and inflammation in transition cows. <i>Animal Production Science</i> , 2014, 54, 1204.	1.3	132
64	Association between polyunsaturated fatty acid-derived oxylipid biosynthesis and leukocyte inflammatory marker expression in periparturient dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 3615-3625.	3.4	26
65	Reduced macrophage selenoprotein expression alters oxidized lipid metabolite biosynthesis from arachidonic and linoleic acid. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 647-654.	4.2	35
66	Adiponectin links adipose tissue function and monocyte inflammatory responses during bovine metabolic stress. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2014, 37, 49-58.	1.6	40
67	Options for the control of bovine leukemia virus in dairy cattle. <i>Journal of the American Veterinary Medical Association</i> , 2014, 244, 914-922.	0.5	105
68	Dual purpose with dual benefit research models in veterinary and biomedical research. <i>Veterinary Immunology and Immunopathology</i> , 2014, 159, 111-112.	1.2	1
69	Comparison of supplementation of n-3 fatty acids from fish and flax oil on cytokine gene expression and growth of milk-fed Holstein calves. <i>Journal of Dairy Science</i> , 2014, 97, 2329-2337.	3.4	39
70	Effects of exercise on markers of venous remodeling in lungs of horses. <i>American Journal of Veterinary Research</i> , 2013, 74, 1231-1238.	0.6	5
71	Ethyl pyruvate diminishes the inflammatory response to lipopolysaccharide infusion in horses. <i>Equine Veterinary Journal</i> , 2013, 45, 333-339.	1.7	35
72	Significance of Metabolic Stress, Lipid Mobilization, and Inflammation on Transition Cow Disorders. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 267-278.	1.2	257

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73	Influence of Corticosteroids on Interleukin-1 β -stimulated Equine Chondrocyte Gene Expression. <i>Veterinary Surgery</i> , 2013, 42, 231-237.	1.0	16
74	Dietary Polyunsaturated Fatty Acids and Inflammation: The Role of Phospholipid Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21167-21188.	4.1	132
75	Selenium-Dependent Regulation of Oxidative Stress and Immunity in Periparturient Dairy Cattle. <i>Veterinary Medicine International</i> , 2013, 2013, 1-8.	1.5	105
76	Anti-inflammatory salicylate treatment alters the metabolic adaptations to lactation in dairy cattle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R110-R117.	1.8	78
77	Regulation of inflammation by selenium and selenoproteins: impact on eicosanoid biosynthesis. <i>Journal of Nutritional Science</i> , 2013, 2, e28.	1.9	72
78	Mononuclear leukocyte fatty acid composition and inflammatory phenotype in periparturient and lactating sows. <i>Journal of Animal Science</i> , 2013, 91, 174-187.	0.5	3
79	TNF α -Altered Inflammatory Responses, Impaired Health and Productivity, but Did Not Affect Glucose or Lipid Metabolism in Early-Lactation Dairy Cows. <i>PLoS ONE</i> , 2013, 8, e80316.	2.5	58
80	Selenoproteins reduce susceptibility to DMBA-induced mammary carcinogenesis. <i>Carcinogenesis</i> , 2012, 33, 1225-1230.	2.8	31
81	Reduced Selenoprotein Activity Increases Endothelial Cell Inflammatory Responses during Oxidative Stress. <i>Free Radical Biology and Medicine</i> , 2012, 53, S117-S118.	2.9	0
82	Changes in glucose transporter expression in monocytes of periparturient dairy cows. <i>Journal of Dairy Science</i> , 2012, 95, 5709-5719.	3.4	23
83	Nonesterified fatty acids modify inflammatory response and eicosanoid biosynthesis in bovine endothelial cells. <i>Journal of Dairy Science</i> , 2012, 95, 5011-5023.	3.4	49
84	Enhanced n-3 phospholipid content reduces inflammatory responses in bovine endothelial cells. <i>Journal of Dairy Science</i> , 2012, 95, 7137-7150.	3.4	28
85	Effect of infection with bovine leukosis virus on lymphocyte proliferation and apoptosis in dairy cattle. <i>American Journal of Veterinary Research</i> , 2011, 72, 1059-1064.	0.6	27
86	Pro-inflammatory and pro-apoptotic responses of TNF- α -stimulated bovine mammary endothelial cells. <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 282-290.	1.2	23
87	Ethyl pyruvate decreases proinflammatory gene expression in lipopolysaccharide-stimulated equine monocytes. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 92-99.	1.2	17
88	Preliminary safety and biological efficacy studies of ethyl pyruvate in normal mature horses. <i>Equine Veterinary Journal</i> , 2011, 43, 341-347.	1.7	21
89	Fatty acid intake alters growth and immunity in milk-fed calves. <i>Journal of Dairy Science</i> , 2011, 94, 3936-3948.	3.4	65
90	Glucose transporter and hypoxia-associated gene expression in the mammary gland of transition dairy cattle. <i>Journal of Dairy Science</i> , 2011, 94, 2912-2922.	3.4	45

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91	Bovine Leukemia Virus Infection in Dairy Cattle: Effect on Serological Response to Immunization against J5 Escherichia coli Bacterin. <i>Veterinary Medicine International</i> , 2011, 2011, 1-5.	1.5	28
92	Lipid mobilization and inflammatory responses during the transition period of dairy cows. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 281-289.	1.6	177
93	Immunopathology of Mastitis: Insights into Disease Recognition and Resolution. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2011, 16, 291-304.	2.7	118
94	New Concepts in the Causes and Control of Mastitis. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2011, 16, 271-273.	2.7	27
95	Selenoenzyme Status Affects Eicosanoid Biosynthesis in Macrophages. <i>Free Radical Biology and Medicine</i> , 2010, 49, S145-S146.	2.9	0
96	Lipoxygenase metabolites modulate vascular-derived platelet activating factor production following endotoxin challenge. <i>Veterinary Immunology and Immunopathology</i> , 2010, 136, 98-107.	1.2	5
97	Lipomobilization in periparturient dairy cows influences the composition of plasma nonesterified fatty acids and leukocyte phospholipid fatty acids. <i>Journal of Dairy Science</i> , 2010, 93, 2508-2516.	3.4	112
98	Ethyl pyruvate diminishes the endotoxin-induced inflammatory response of bovine mammary endothelial cells. <i>Journal of Dairy Science</i> , 2010, 93, 5188-5199.	3.4	12
99	Impact of oxidative stress on the health and immune function of dairy cattle. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 104-109.	1.2	495
100	Metabolic factors affecting the inflammatory response of periparturient dairy cows. <i>Animal Health Research Reviews</i> , 2009, 10, 53-63.	3.1	276
101	Evaluation of antioxidant and proinflammatory gene expression in bovine mammary tissue during the periparturient period. <i>Journal of Dairy Science</i> , 2009, 92, 589-598.	3.4	75
102	Selenium inhibits 15-hydroperoxyoctadecadienoic acid-induced intracellular adhesion molecule expression in aortic endothelial cells. <i>Free Radical Biology and Medicine</i> , 2008, 44, 34-43.	2.9	43
103	Platelet Activating Factor Production and Proinflammatory Gene Expression in Endotoxin-Challenged Bovine Mammary Endothelial Cells. <i>Journal of Dairy Science</i> , 2008, 91, 3067-3078.	3.4	29
104	Thioredoxin reductase attenuates vascular inflammatory responses during oxidative stress. <i>FASEB Journal</i> , 2008, 22, 454-454.	0.5	0
105	Shifts in Thioredoxin Reductase Activity and Oxidant Status in Mononuclear Cells Obtained from Transition Dairy Cattle. <i>Journal of Dairy Science</i> , 2007, 90, 1186-1192.	3.4	72
106	P22PHOX KNOCKDOWN ATTENUATES NOREPINEPHRINE TRANSPORTER REDUCTION IN RESPONSE TO ENDOTHELIN IN PC12 CELLS. <i>FASEB Journal</i> , 2007, 21, A817.	0.5	0
107	Relationship of body condition score and oxidant stress to tumor necrosis factor expression in dairy cattle. <i>Veterinary Immunology and Immunopathology</i> , 2006, 113, 297-304.	1.2	53
108	Thioredoxin reductase regulates the induction of haem oxygenase-1 expression in aortic endothelial cells. <i>Biochemical Journal</i> , 2006, 394, 207-216.	3.7	67

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109	Factors affecting mammary gland immunity and mastitis susceptibility. <i>Livestock Science</i> , 2005, 98, 89-99.	1.2	148
110	Enhanced 15-HPETE production during oxidant stress induces apoptosis of endothelial cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 76, 19-34.	1.9	43
111	Molecular Characterization of a Saposin-Like Protein Family Member Isolated from Bovine Lymphocytes. <i>Journal of Dairy Science</i> , 2005, 88, 1378-1390.	3.4	11
112	A Survey on Antibiotic Usage in Dairy Herds in Pennsylvania. <i>Journal of Dairy Science</i> , 2005, 88, 2991-2999.	3.4	184
113	MEKK1 Signaling through p38 Leads to Transcriptional Inactivation of E47 and Repression of Skeletal Myogenesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 30966-30972.	3.4	19
114	Thioredoxin Reductase Regulates Angiogenesis by Increasing Endothelial Cell-Derived Vascular Endothelial Growth Factor. <i>Nutrition and Cancer</i> , 2004, 50, 221-231.	2.0	43
115	Oxidant stress enhances Lyso-PAF-AcT activity by modifying phospholipase D and phosphatidic acid in aortic endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 610-614.	2.1	11
116	Differential Expression of the Lactose Transporter Gene Affects Growth of <i>Staphylococcus aureus</i> in Milk. <i>Journal of Dairy Science</i> , 2003, 86, 2373-2381.	3.4	8
117	Selenium deficiency increases the expression of inducible nitric oxide synthase in RAW 264.7 macrophages: role of nuclear factor- κ B in up-regulation. <i>Biochemical Journal</i> , 2002, 366, 203-209.	3.7	140
118	Selenium deficiency alters the formation of eicosanoids and signal transduction in rat lymphocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 70, 131-143.	1.9	19
119	Nuclear factor- κ B mediates over-expression of cyclooxygenase-2 during activation of RAW 264.7 macrophages in selenium deficiency. <i>Free Radical Biology and Medicine</i> , 2002, 32, 890-897.	2.9	88
120	Mammary gland immunity and mastitis susceptibility. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2002, 7, 135-146.	2.7	319
121	Application of Differential Inflammatory Cell Count as a Tool to Monitor Udder Health. <i>Journal of Dairy Science</i> , 2001, 84, 1413-1420.	3.4	61
122	Increased 15-HPETE production decreases prostacyclin synthase activity during oxidant stress in aortic endothelial cells. <i>Free Radical Biology and Medicine</i> , 2001, 30, 299-308.	2.9	45
123	<i>Staphylococcus aureus</i> agr Genotypes with Enterotoxin Production Capabilities Can Resist Neutrophil Bactericidal Activity. <i>Infection and Immunity</i> , 2001, 69, 45-51.	2.2	47
124	Selenium Modulates 1-O-Alkyl-2-Acetyl-sn-Glycero-3-Phosphocholine (PAF) Biosynthesis in Bovine Aortic Endothelial Cells. <i>Antioxidants and Redox Signaling</i> , 2001, 3, 1147-1152.	5.4	17
125	Phylogenetic relationships of <i>Staphylococcus aureus</i> from bovine mastitis based on coagulase gene polymorphism. <i>Veterinary Microbiology</i> , 2000, 71, 53-58.	1.9	22
126	Altered eicosanoid biosynthesis in selenium-deficient endothelial cells. <i>Free Radical Biology and Medicine</i> , 2000, 28, 381-389.	2.9	72

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127	Shifts in Bovine CD4+ Subpopulations Increase T-helper-2 Compared with T-helper-1 Effector Cells During the Postpartum Period. <i>Journal of Dairy Science</i> , 1999, 82, 1696-1706.	3.4	71
128	Identification of in vitro cytochrome P450 modulators to detect induction by prototype inducers in the mallard duckling (<i>Anas platyrhynchos</i>). <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1999, 122, 273-281.	0.5	2
129	Increased neutrophil adherence and adhesion molecule mRNA expression in endothelial cells during selenium deficiency. <i>Journal of Leukocyte Biology</i> , 1999, 65, 658-664.	3.3	65
130	Coagulase gene polymorphism of <i>Staphylococcus aureus</i> isolates from dairy cattle in different geographical areas. <i>Epidemiology and Infection</i> , 1999, 122, 329-336.	2.1	41
131	A method to reduce glutathione peroxidase levels in primary endothelial cell cultures. <i>Cytotechnology</i> , 1998, 19, 243-253.	0.7	21
132	A simple method to enrich mRNA from total prokaryotic RNA. <i>Molecular Biotechnology</i> , 1998, 10, 83-85.	2.4	27
133	Selenium and vitamin E deficiency impair transferrin receptor internalization but not IL-2, IL-2 receptor, or transferrin receptor expression. <i>Journal of Leukocyte Biology</i> , 1998, 63, 131-137.	3.3	29
134	Immunobiology of the Mammary Gland. <i>Journal of Dairy Science</i> , 1997, 80, 1851-1865.	3.4	385
135	Concentrations of $\hat{\alpha}$ -Tocopherol After Intramammary Infusion of <i>Escherichia coli</i> or Lipopolysaccharide. <i>Journal of Dairy Science</i> , 1997, 80, 2826-2832.	3.4	13
136	Bovine CD8+ suppressor lymphocytes alter immune responsiveness during the postpartum period. <i>Veterinary Immunology and Immunopathology</i> , 1997, 56, 53-64.	1.2	63
137	Arginine supplementation increases weight gain, depresses antibody production, and alters circulating leukocyte profiles in preruminant calves without affecting plasma growth hormone concentrations. <i>Journal of Animal Science</i> , 1997, 75, 3019.	0.5	21
138	Evidence for G-Protein-Dependent and G-Protein-Independent Activation of Phospholipase D in Lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 630-634.	2.1	1
139	$\hat{\alpha}$ -Tocopherol Concentrations in Milk and Plasma During Clinical <i>Escherichia coli</i> Mastitis. <i>Journal of Dairy Science</i> , 1996, 79, 71-75.	3.4	16
140	Enhancing Bactericidal Activity of Bovine Lymphoid Cells During the Periparturient Period. <i>Journal of Dairy Science</i> , 1996, 79, 1347-1352.	3.4	17
141	Diminished Mammary Gland Lymphocyte Functions Parallel Shifts in Trafficking Patterns during the Postpartum Period. <i>Experimental Biology and Medicine</i> , 1996, 212, 271-279.	2.4	57
142	Isolation and characterization of bovine mammary endothelial cells. <i>Cytotechnology</i> , 1995, 17, 41-46.	0.7	21
143	Enhanced production of bovine tumor necrosis factor- $\hat{\alpha}$ during the periparturient period. <i>Veterinary Immunology and Immunopathology</i> , 1995, 49, 263-270.	1.2	91
144	Effects of an <i>Escherichia coli</i> J5 Vaccine on Mild Clinical Coliform Mastitis. <i>Journal of Dairy Science</i> , 1995, 78, 285-290.	3.4	58

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145	Enhanced Antigen-Specific Responses in Bovine Mammary Glands Following Administration of Interleukin-2. <i>Journal of Dairy Science</i> , 1995, 78, 528-537.	3.4	14
146	Regulation of mammary gland macrophage tumour necrosis factor- α production with interferon- β . <i>Research in Veterinary Science</i> , 1994, 56, 252-255.	1.9	7
147	The Role of Biological Response Modifiers in Disease Control. <i>Journal of Dairy Science</i> , 1993, 76, 2407-2417.	3.4	14
148	Growth Responses of Coliform Bacteria to Recombinant Bovine Cytokines. <i>Journal of Dairy Science</i> , 1993, 76, 978-982.	3.4	14
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