

List of Publications by Citations

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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.

157 papers	2,655 citations	27 h-index	46 g-index
177 ext. papers	3,729 ext. citations	4.2 avg, IF	5.58 L-index

#	Paper	IF	Citations
157	Effect of tea saponin on rumen fermentation in vitro. <i>Animal Feed Science and Technology</i> , 2005 , 120, 333-339	3	154
156	Insertion depth of oral stomach tubes may affect the fermentation parameters of ruminal fluid collected in dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 5978-84	4	140
155	Apo- and holo-lactoferrin are both internalized by lactoferrin receptor via clathrin-mediated endocytosis but differentially affect ERK-signaling and cell proliferation in Caco-2 cells. <i>Journal of Cellular Physiology</i> , 2011 , 226, 3022-31	7	108
154	Management opportunities to mitigate greenhouse gas emissions from Chinese agriculture. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 209, 108-124	5.7	98
153	Expression profiles of microRNAs from lactating and non-lactating bovine mammary glands and identification of miRNA related to lactation. <i>BMC Genomics</i> , 2012 , 13, 731	4.5	98
152	Metabolomics of four biofluids from dairy cows: potential biomarkers for milk production and quality. <i>Journal of Proteome Research</i> , 2015 , 14, 1287-98	5.6	97
151	Toxicity of <i>Jatropha curcas</i> phorbol esters in mice. <i>Food and Chemical Toxicology</i> , 2010 , 48, 620-5	4.7	94
150	Bovine lactoferrin can be taken up by the human intestinal lactoferrin receptor and exert bioactivities. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011 , 53, 606-14	2.8	83
149	Concentration of Cholesterol in Human Milk and Associated Factors in Different Chinese Populations (P11-044-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
148	Effects of dietary supplementation of methionine and lysine on milk production and nitrogen utilization in dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 3661-70	4	69
147	Effects of alfalfa and cereal straw as a forage source on nutrient digestibility and lactation performance in lactating dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 7706-15	4	67
146	Immunomodulation and signaling mechanism of <i>Lactobacillus rhamnosus</i> GG and its components on porcine intestinal epithelial cells stimulated by lipopolysaccharide. <i>Journal of Microbiology, Immunology and Infection</i> , 2017 , 50, 700-713	8.5	60
145	Multi-omics reveals that the rumen microbiome and its metabolome together with the host metabolome contribute to individualized dairy cow performance. <i>Microbiome</i> , 2020 , 8, 64	16.6	54
144	Assessment of Rumen Microbiota from a Large Dairy Cattle Cohort Reveals the Pan and Core Bacteriomes Contributing to Varied Phenotypes. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	52
143	Bovine lactoferrin and lactoferricin exert antitumor activities on human colorectal cancer cells (HT-29) by activating various signaling pathways. <i>Biochemistry and Cell Biology</i> , 2017 , 95, 99-109	3.6	46
142	Adhesive ability means inhibition activities for <i>Lactobacillus</i> against pathogens and S-layer protein plays an important role in adhesion. <i>Anaerobe</i> , 2013 , 22, 97-103	2.8	45
141	Concentration of Lactoferrin in Human Milk and Its Variation during Lactation in Different Chinese Populations. <i>Nutrients</i> , 2018 , 10,	6.7	39

140	Effects of tea saponins on in vitro ruminal fermentation and growth performance in growing Boer goat. <i>Archives of Animal Nutrition</i> , 2006 , 60, 89-97	2.7	38
139	Pectin induces an in vitro rumen microbial population shift attributed to the pectinolytic Treponema group. <i>Current Microbiology</i> , 2015 , 70, 67-74	2.4	34
138	ZJ617 maintains intestinal integrity via regulating tight junction, autophagy and apoptosis in mice challenged with lipopolysaccharide. <i>Oncotarget</i> , 2017 , 8, 77489-77499	3.3	32
137	Transcriptomic profiles of the bovine mammary gland during lactation and the dry period. <i>Functional and Integrative Genomics</i> , 2018 , 18, 125-140	3.8	32
136	Apo- and holo-lactoferrin stimulate proliferation of mouse crypt cells but through different cellular signaling pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 91-100	5.6	32
135	Understanding the regulatory mechanisms of milk production using integrative transcriptomic and proteomic analyses: improving inefficient utilization of crop by-products as forage in dairy industry. <i>BMC Genomics</i> , 2018 , 19, 403	4.5	31
134	Serum metabolome profiling revealed potential biomarkers for milk protein yield in dairy cows. <i>Journal of Proteomics</i> , 2018 , 184, 54-61	3.9	29
133	Effects of dietary physical or nutritional factors on morphology of rumen papillae and transcriptome changes in lactating dairy cows based on three different forage-based diets. <i>BMC Genomics</i> , 2017 , 18, 353	4.5	28
132	Quorum Sensing, Biofilm, and Intestinal Mucosal Barrier: Involvement the Role of Probiotic. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 538077	5.9	28
131	Alfalfa Intervention Alters Rumen Microbial Community Development in Hu Lambs During Early Life. <i>Frontiers in Microbiology</i> , 2018 , 9, 574	5.7	27
130	Lactation-related metabolic mechanism investigated based on mammary gland metabolomics and 4 biofluids' metabolomics relationships in dairy cows. <i>BMC Genomics</i> , 2017 , 18, 936	4.5	27
129	Methionyl-Methionine Promotes β 1 Casein Synthesis in Bovine Mammary Gland Explants by Enhancing Intracellular Substrate Availability and Activating JAK2-STAT5 and mTOR-Mediated Signaling Pathways. <i>Journal of Nutrition</i> , 2015 , 145, 1748-53	4.1	26
128	Biomarker and pathway analyses of urine metabolomics in dairy cows when corn stover replaces alfalfa hay. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 49	6	26
127	Assessment of rumen bacteria in dairy cows with varied milk protein yield. <i>Journal of Dairy Science</i> , 2019 , 102, 5031-5041	4	25
126	Comparison of bioactivities of talactoferrin and lactoferrins from human and bovine milk. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014 , 59, 642-52	2.8	23
125	Degradation of L-arginine and N-carbamoyl glutamate and their effect on rumen fermentation in vitro. <i>Italian Journal of Animal Science</i> , 2012 , 11, e68	2.2	23
124	Complementary transcriptomic and proteomic analyses reveal regulatory mechanisms of milk protein production in dairy cows consuming different forages. <i>Scientific Reports</i> , 2017 , 7, 44234	4.9	22
123	Effect of dietary N-carbamoylglutamate on milk production and nitrogen utilization in high-yielding dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 2338-45	4	22

122	Effects of Supplemental Levels of <i>Saccharomyces cerevisiae</i> Fermentation Product on Lactation Performance in Dairy Cows under Heat Stress. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016 , 29, 801-6	2.4	22
121	Systematic microRNAome profiling reveals the roles of microRNAs in milk protein metabolism and quality: insights on low-quality forage utilization. <i>Scientific Reports</i> , 2016 , 6, 21194	4.9	21
120	Comparative Analysis of the Microbiota Between Sheep Rumen and Rabbit Cecum Provides New Insight Into Their Differential Methane Production. <i>Frontiers in Microbiology</i> , 2018 , 9, 575	5.7	20
119	Effect of different rumen-inert fatty acids supplemented with a dietary antioxidant on performance and antioxidative status of early-lactation cows. <i>Journal of Dairy Science</i> , 2010 , 93, 3738-45 ⁴		20
118	Doses <i>Lactobacillus reuteri</i> depend on adhesive ability to modulate the intestinal immune response and metabolism in mice challenged with lipopolysaccharide. <i>Scientific Reports</i> , 2016 , 6, 28332	4.9	20
117	Composition of Rumen Bacterial Community in Dairy Cows With Different Levels of Somatic Cell Counts. <i>Frontiers in Microbiology</i> , 2018 , 9, 3217	5.7	20
116	Optimal ratios of essential amino acids stimulate Casein synthesis via activation of the mammalian target of rapamycin signaling pathway in MAC-T cells and bovine mammary tissue explants. <i>Journal of Dairy Science</i> , 2017 , 100, 6676-6688	4	19
115	<i>Lactobacillus reuteri</i> ZJ617 Culture Supernatant Attenuates Acute Liver Injury Induced in Mice by Lipopolysaccharide. <i>Journal of Nutrition</i> , 2019 , 149, 2046-2055	4.1	19
114	Effect of glucose availability on glucose transport in bovine mammary epithelial cells. <i>Animal</i> , 2012 , 6, 488-93	3.1	19
113	Milk osteopontin promotes brain development by up-regulating osteopontin in the brain in early life. <i>FASEB Journal</i> , 2019 , 33, 1681-1694	0.9	18
112	Translocation of transition metal oxide nanoparticles to breast milk and offspring: The necessity of bridging mother-offspring-integration toxicological assessments. <i>Environment International</i> , 2019 , 133, 105153	12.9	17
111	<i>Lactobacillus reuteri</i> glyceraldehyde-3-phosphate dehydrogenase functions in adhesion to intestinal epithelial cells. <i>Canadian Journal of Microbiology</i> , 2015 , 61, 373-80	3.2	17
110	Assessment of bioactivities of the human milk lactoferrin-osteopontin complex in vitro. <i>Journal of Nutritional Biochemistry</i> , 2019 , 69, 10-18	6.3	16
109	Transcriptomic profiling of intestinal epithelial cells in response to human, bovine and commercial bovine lactoferrins. <i>BioMetals</i> , 2014 , 27, 831-41	3.4	16
108	Osteopontin in human milk and infant formula affects infant plasma osteopontin concentrations. <i>Pediatric Research</i> , 2019 , 85, 502-505	3.2	15
107	The Use of "Omics" in Lactation Research in Dairy Cows. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
106	Amino acid utilization of lactating dairy cows when diets are changed from an alfalfa-based diet to cereal straw-based diets. <i>Animal Feed Science and Technology</i> , 2016 , 217, 56-66	3	14
105	<i>Lactobacillus rhamnosus</i> GG components, SLP, gDNA and CpG, exert protective effects on mouse macrophages upon lipopolysaccharide challenge. <i>Letters in Applied Microbiology</i> , 2020 , 70, 118-127	2.9	14

104	Effects of tripeptides and lactogenic hormones on oligopeptide transporter 2 in bovine mammary gland. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2011 , 95, 781-9	2.6	13
103	Short communication: Comparative proteomic analysis of the lactating and nonlactating bovine mammary gland. <i>Journal of Dairy Science</i> , 2017 , 100, 5928-5935	4	12
102	Effects of Dietary Rumen-Protected Betaine Supplementation on Performance of Postpartum Dairy Cows and Immunity of Newborn Calves. <i>Animals</i> , 2019 , 9,	3.1	12
101	Fatty acid elongase 5 (ELOVL5) alters the synthesis of long-chain unsaturated fatty acids in goat mammary epithelial cells. <i>Journal of Dairy Science</i> , 2018 , 101, 4586-4594	4	12
100	Effects of phenylalanine and threonine oligopeptides on milk protein synthesis in cultured bovine mammary epithelial cells. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2015 , 99, 215-20	2.6	11
99	Multi-omics reveals functional genomic and metabolic mechanisms of milk production and quality in dairy cows. <i>Bioinformatics</i> , 2020 , 36, 2530-2537	7.2	11
98	Methionine Partially Replaced by Methionyl-Methionine Dipeptide Improves Reproductive Performance over Methionine Alone in Methionine-Deficient Mice. <i>Nutrients</i> , 2018 , 10,	6.7	11
97	Dipeptide (Methionyl-Methionine) Transport and Its Effect on Casein Synthesis in Bovine Mammary Epithelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2018 , 49, 479-488	3.9	11
96	Effects of corn and soybean meal types on rumen fermentation, nitrogen metabolism and productivity in dairy cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015 , 28, 351-9	2.4	10
95	Medicinal herbs as a potential strategy to decrease methane production by rumen microbiota: a systematic evaluation with a focus on Perilla frutescens seed extract. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 9757-9771	5.7	9
94	Lactoferrin and the lactoferrin-sphorolipids-assembly can be internalized by dermal fibroblasts and regulate gene expression. <i>Biochemistry and Cell Biology</i> , 2017 , 95, 110-118	3.6	8
93	Alteration of biomacromolecule in corn by steam flaking in relation to biodegradation kinetics in ruminant, revealed with vibrational molecular spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 191, 491-497	4.4	8
92	Functional characterization of oligopeptide transporter 1 of dairy cows. <i>Journal of Animal Science and Biotechnology</i> , 2018 , 9, 7	6	8
91	Spatial variation of intestinal skatole production and microbial community in Jinhua and Landrace pigs. <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 639-644	4.3	8
90	Establishment and characterization of an omasal epithelial cell model derived from dairy calves for the study of small peptide absorption. <i>PLoS ONE</i> , 2014 , 9, e88993	3.7	8
89	Investigation into Host Selection of the Cecal Acetogen Population in Rabbits after Weaning. <i>PLoS ONE</i> , 2016 , 11, e0158768	3.7	8
88	Dandelion (Hand.-Mazz.) Supplementation-Enhanced Rumen Fermentation through the Interaction between Ruminal Microbiome and Metabolome. <i>Microorganisms</i> , 2020 , 9,	4.9	8
87	Formation of bioactive peptides during simulated gastrointestinal digestion is affected by Casein polymorphism in buffalo milk. <i>Food Chemistry</i> , 2020 , 313, 126159	8.5	8

86	Evaluation of Bioactivities of Bovine Milk Osteopontin Using a Knockout Mouse Model. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020 , 71, 125-131	2.8	8
85	Rumen fermentation and acetogen population changes in response to an exogenous acetogen TWA4 strain and <i>Saccharomyces cerevisiae</i> fermentation product. <i>Journal of Zhejiang University: Science B</i> , 2015 , 16, 709-19	4.5	7
84	Effect of feed lutein supplementation on mozzarella cheese quality and lutein stability. <i>International Dairy Journal</i> , 2018 , 83, 28-33	3.5	7
83	Effect of changing forage on the dynamic variation in rumen fermentation in sheep. <i>Animal Science Journal</i> , 2018 , 89, 122-131	1.8	7
82	Fatty Acid Elongase 7 (ELOVL7) Plays a Role in the Synthesis of Long-Chain Unsaturated Fatty Acids in Goat Mammary Epithelial Cells. <i>Animals</i> , 2019 , 9,	3.1	7
81	Effects of the processing methods of corn grain and soybean meal on milk protein expression profiles in dairy cows. <i>Animal</i> , 2015 , 9, 267-74	3.1	7
80	The bovine Lactoferrin-Osteopontin complex increases proliferation of human intestinal epithelial cells by activating the PI3K/Akt signaling pathway. <i>Food Chemistry</i> , 2020 , 310, 125919	8.5	7
79	Separation and quantification of milk casein from different buffalo breeds. <i>Journal of Dairy Research</i> , 2016 , 83, 317-25	1.6	7
78	Upgrading of by-product from beverage industry through solid-state fermentation with <i>Candida utilis</i> and <i>Bacillus subtilis</i> . <i>Letters in Applied Microbiology</i> , 2018 , 67, 557-563	2.9	7
77	Short communication: Effects of dietary addition of N-carbamoylglutamate on milk composition in mid-lactating dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 10985-10990	4	7
76	Local Mammary Glucose Supply Regulates Availability and Intracellular Metabolic Pathways of Glucose in the Mammary Gland of Lactating Dairy Goats Under Malnutrition of Energy. <i>Frontiers in Physiology</i> , 2018 , 9, 1467	4.6	7
75	Short communication: Relationship of blood DNA methylation rate and milk performance in dairy cows. <i>Journal of Dairy Science</i> , 2019 , 102, 5208-5211	4	6
74	Effect of N-acetyl-L-methionine supplementation on lactation performance and plasma variables in mid-lactating dairy cows. <i>Journal of Dairy Science</i> , 2019 , 102, 5182-5190	4	6
73	Evaluation of Bioactivities of the Bovine Milk Lactoferrin-Osteopontin Complex in Infant Formulas. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 6104-6111	5.7	6
72	Effects of Dietary Supplementation with Combination of Tributyrin and Essential Oil on Gut Health and Microbiota of Weaned Piglets. <i>Animals</i> , 2020 , 10,	3.1	6
71	Effects of the dietary nonfiber carbohydrate content on lactation performance, rumen fermentation, and nitrogen utilization in mid-lactation dairy cows receiving corn stover. <i>Journal of Animal Science and Biotechnology</i> , 2018 , 9, 20	6	6
70	The effects of κ -casein polymorphism on the texture and functional properties of mozzarella cheese. <i>International Dairy Journal</i> , 2013 , 31, 65-69	3.5	6
69	Predicting urinary nitrogen excretion by milk urea nitrogen in lactating Chinese Holstein cows. <i>Animal Science Journal</i> , 2007 , 78, 395-399	1.8	6

68	Human and bovine osteopontin from milk and recombinant human osteopontin may stimulate intestinal proliferation and immune functions via various mechanisms revealed by microarray analysis. <i>FASEB Journal</i> , 2013 , 27, 45.1	0.9	6
67	Biological activities of commercial bovine lactoferrin sources. <i>Biochemistry and Cell Biology</i> , 2021 , 99, 35-46	3.6	6
66	Nitrogen partitioning and microbial protein synthesis in lactating dairy cows with different phenotypic residual feed intake. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 54	6	5
65	Effects of Milk Osteopontin on Intestine, Neurodevelopment, and Immunity. <i>Nestle Nutrition Institute Workshop Series</i> , 2020 , 94, 152-157	1.9	5
64	AMPK-mTOR pathway is involved in glucose-modulated amino acid sensing and utilization in the mammary glands of lactating goats. <i>Journal of Animal Science and Biotechnology</i> , 2020 , 11, 32	6	5
63	Effects of different forage combinations in total mixed rations on in vitro gas production kinetics, ruminal and milk fatty acid profiles of lactating cows. <i>Animal Science Journal</i> , 2018 , 89, 1261-1270	1.8	5
62	A collection of rumen bacteriome data from 334 mid-lactation dairy cows. <i>Scientific Data</i> , 2019 , 6, 180308.2	3.2	5
61	Ruminal resistome of dairy cattle is individualized and the resistotypes are associated with milking traits. <i>Animal Microbiome</i> , 2021 , 3, 18	4.1	5
60	Duodenum has the greatest potential to absorb soluble non-ammonia nitrogen in the nonmesenteric gastrointestinal tissues of dairy cows. <i>Journal of Zhejiang University: Science B</i> , 2015 , 16, 503-10	4.5	4
59	Arteriovenous blood metabolomics: An efficient method to determine the key metabolic pathway for milk synthesis in the intra-mammary gland. <i>Scientific Reports</i> , 2018 , 8, 5598	4.9	4
58	Effect of dietary supplements of biotin, intramuscular injections of vitamin B, or both on postpartum lactation performance in multiparous dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 7851-7856	4.56	4
57	Effects of rumen-degradable-protein to rumen-undegradable-protein ratio on nitrogen conversion of lactating dairy cows. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2008 , 58, 100-103	0.6	4
56	<i>L. reuteri</i> ZJ617 inhibits inflammatory and autophagy signaling pathways in gut-liver axis in piglet induced by lipopolysaccharide. <i>Journal of Animal Science and Biotechnology</i> , 2021 , 12, 110	6	4
55	Different endosperm structures in wheat and corn affected in vitro rumen fermentation and nitrogen utilization of rice straw-based diet. <i>Animal</i> , 2018 , 1-7	3.1	4
54	Detoxification of <i>Jatropha curcas</i> seed cake by a new soil-borne <i>Enterobacter cloacae</i> strain. <i>Letters in Applied Microbiology</i> , 2018 , 67, 197-204	2.9	4
53	Effects of body condition on the insulin resistance, lipid metabolism and oxidative stress of lactating dairy cows. <i>Lipids in Health and Disease</i> , 2020 , 19, 56	4.4	3
52	Cloning and characterization of the human lactoferrin receptor gene promoter. <i>BioMetals</i> , 2018 , 31, 357-368	3.4	3
51	Short communication: Effects of dietary 5,6-dimethylbenzimidazole supplementation on vitamin B supply, lactation performance, and energy balance in dairy cows during the transition period and early lactation. <i>Journal of Dairy Science</i> , 2018 , 101, 2144-2147	4	3

50	Metabolomics Integrated with Transcriptomics Reveals a Subtle Liver Metabolic Risk in Dairy Cows Fed Different Crop By-products. <i>Proteomics</i> , 2018 , 18, e1800122	4.8	3
49	Low-quality rice straw forage increases the permeability of mammary epithelial tight junctions in lactating dairy cows. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 2037-2041	4.3	3
48	Seryl-tRNA synthetase is involved in methionine stimulation of α -casein synthesis in bovine mammary epithelial cells. <i>British Journal of Nutrition</i> , 2020 , 123, 489-498	3.6	3
47	In vitro rumen fermentation characteristics of substrate mixtures with soybean meal partially replaced by microbially fermented yellow wine lees. <i>Italian Journal of Animal Science</i> , 2020 , 19, 18-24	2.2	3
46	Recombinant Bovine and Human Osteopontin Generated by <i>Chlamydomonas reinhardtii</i> Exhibit Bioactivities Similar to Bovine Milk Osteopontin When Assessed in Mouse Pups Fed Osteopontin-Deficient Milk. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000644	5.9	3
45	Metagenomics analysis revealed the distinctive ruminal microbiome and resistive profiles in dairy buffaloes. <i>Animal Microbiome</i> , 2021 , 3, 44	4.1	3
44	Multi-omics revealed the effects of rumen-protected methionine on the nutrient profile of milk in dairy cows. <i>Food Research International</i> , 2021 , 149, 110682	7	3
43	Variance of Protein and Starch Granule Morphology between Corn and Steam Flaked Products Determined Starch Ruminal Degradability Through Altering Starch Hydrolyzing Bacteria Attachment. <i>Animals</i> , 2019 , 9,	3.1	2
42	Teleost Type 2 Interleukin-1 Receptor (IL-1R2) from the Spotted Halibut (<i>Verasper variegatus</i>): 3D Structure and a Role in Immune Response. <i>Molecular Biology</i> , 2019 , 53, 256-266	1.2	2
41	Effects of stocking density on oxidative stress status and mammary gland permeability in early lactating dairy cows. <i>Animal Science Journal</i> , 2019 , 90, 894-902	1.8	2
40	Short communication: Effects of dietary N-carbamoylglutamate supplementation on the milk amino acid profile and mozzarella cheese quality in mid-lactating dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 4935-4940	4	2
39	Effect of dietary soybean oil and antioxidants on fatty acids and volatile compounds of tail subcutaneous and perirenal fat tissues in fattening lambs. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 24	6	2
38	Mechanism of peptide absorption in the isolated forestomach epithelial cells of dairy cows. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 100-108	4.3	2
37	Effects of feeding bamboo vinegar and acidifier as an antibiotic substitute on the growth performance and intestinal bacterial communities of weaned piglets. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2013 , 63, 143-150	0.6	2
36	Glyceraldehyde-3-Phosphate Dehydrogenase Increases the Adhesion of to Host Mucin to Enhance Probiotic Effects. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
35	Parenterally Delivered Methionyl-Methionine Dipeptide During Pregnancy Enhances Mammogenesis and Lactation Performance Over Free Methionine by Activating PI3K-AKT Signaling in Methionine-Deficient Mice. <i>Journal of Nutrition</i> , 2020 , 150, 1186-1195	4.1	2
34	Methionyl-Methionine Exerts Anti-Inflammatory Effects through the JAK2-STAT5-NF- κ B and MAPK Signaling Pathways in Bovine Mammary Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13742-13750	5.7	2
33	Rumen and Hindgut Bacteria Are Potential Indicators for Mastitis of Mid-Lactating Holstein Dairy Cows. <i>Microorganisms</i> , 2020 , 8,	4.9	2

32	Functional Characterization of Peptide Transporters in Bovine Mammary Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 213-219	5.7	2
31	Dietary supplementation with N-carbamoylglutamate initiated from the prepartum stage improves lactation performance of postpartum dairy cows. <i>Animal Nutrition</i> , 2021 , 7, 232-238	4.8	2
30	Effects of methionine partially replaced by methionyl-methionine dipeptide on intestinal function in methionine-deficient pregnant mice. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019 , 103, 1610-1618	2.6	1
29	Days-in-Milk and Parity Affected Serum Biochemical Parameters and Hormone Profiles in Mid-Lactation Holstein Cows. <i>Animals</i> , 2019 , 9,	3.1	1
28	Excessive supply of glucose elicits an NF- κ B-dependent glycolysis in lactating goat mammary glands. <i>FASEB Journal</i> , 2020 , 34, 8671-8685	0.9	1
27	Effects of Dietary Rumen-Protected Betaine on Lactation Performance and Serum Metabolites of Mid-lactation Holstein Dairy Cows. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13154-13159	5.7	1
26	The particulate passage rate, nutrient composition and fermentation characteristics across gastrointestinal tracts in lactating dairy cows fed three different forage source diets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018 , 102, 861-868	2.6	1
25	Effect of cereal straw and alfalfa hay diet on amino acid profile of gastrointestinal digesta in lactating dairy cows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018 , 102, 421-428	2.6	1
24	Amino acid profiles of rumen undegradable protein: a comparison between forages including cereal straws and alfalfa and their respective total mixed rations. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018 , 102, 601-610	2.6	1
23	Different patterns of volatile compounds and fatty acid profiles in the adipose tissues of male and female Hu sheep. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2012 , 62, 153-158	0.6	1
22	Short communication: Influence of intramuscular injection of vitamin B in early-lactation dairy cows on Mozzarella cheese quality and vitamin B stability. <i>Journal of Dairy Science</i> , 2020 , 103, 9835-9840	4	1
21	Cross-tissue single-cell transcriptomic landscape reveals the key cell subtypes and their potential roles in the nutrient absorption and metabolism in dairy cattle.. <i>Journal of Advanced Research</i> , 2022 , 37, 1-18	13	1
20	Short communication: The essential role of N-glycosylation in the transport activity of bovine peptide transporter 2. <i>Journal of Dairy Science</i> , 2020 , 103, 6679-6683	4	1
19	Short communication: The antilipogenic effect of trans-10,cis-12 conjugated linoleic acid in bovine mammary epithelial cells is associated with proteasome activity and ATP production. <i>Journal of Dairy Science</i> , 2020 , 103, 9096-9101	4	1
18	Lactation performance and nitrogen utilization of dairy cows on diets including unfermented or fermented yellow wine lees mix. <i>Livestock Science</i> , 2020 , 236, 104025	1.7	1
17	Altered protein S-glutathionylation depicts redox imbalance triggered by transition metal oxide nanoparticles in a breastfeeding system.. <i>NanoImpact</i> , 2021 , 22, 100305	5.6	1
16	Organic zinc supplementation in early-lactation dairy cows and its effects on zinc content and distribution in milk and cheese. <i>JDS Communications</i> , 2021 , 2, 110-113	1.4	1
15	Supplementing -carbamoylglutamate in late gestation increases newborn calf weight by enhanced placental expression of mTOR and angiogenesis factor genes in dairy cows. <i>Animal Nutrition</i> , 2021 , 7, 981-988	4.8	1

14	Nano-sized zinc addition enhanced mammary zinc translocation without altering health status of dairy cows. <i>Animal Nutrition</i> , 2021 , 7, 1024-1030	4.8	1
13	Nitrogen metabolism and mammary gland amino acid utilization in lactating dairy cows with different residual feed intake. <i>Animal Bioscience</i> , 2021 , 34, 1600-1606	0	1
12	Integrated meta-omics reveals new ruminal microbial features associated with feed efficiency in dairy cattle.. <i>Microbiome</i> , 2022 , 10, 32	16.6	1
11	Metagenomics reveals differences in microbial composition and metabolic functions in the rumen of dairy cows with different residual feed intake.. <i>Animal Microbiome</i> , 2022 , 4, 19	4.1	1
10	Prevalence and characterization of Salmonella from meat in slaughterhouses in Hangzhou, China.. <i>International Journal of Food Microbiology</i> , 2022 , 371, 109649	5.8	1
9	Gut health benefit and application of postbiotics in animal production.. <i>Journal of Animal Science and Biotechnology</i> , 2022 , 13, 38	6	1
8	Investigation of fiber utilization in the rumen of dairy cows based on metagenome-assembled genomes and single-cell RNA sequencing.. <i>Microbiome</i> , 2022 , 10, 11	16.6	0
7	Lactic Acid Bacteria Mixture Isolated From Wild Pig Alleviated the Gut Inflammation of Mice Challenged by .. <i>Frontiers in Immunology</i> , 2022 , 13, 822754	8.4	0
6	Assessing metabolic properties of dairy cows fed low quality straws by integrative arterial and venous metabolomics. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020 , 33, 1770-1778	2.4	0
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1	Erratum to Organic zinc supplementation in early-lactation dairy cows and its effects on zinc content and distribution in milk and cheese[JDS Commun. 2:110-113]. <i>JDS Communications</i> , 2022 , 3, 166	1.4	