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List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

685
citations

516710
16
h-index

610901
24
g-index

39
all docs

39
docs citations

39
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Effect of Date Pits on Growth Performance, Carcass Traits, Blood Indices, Intestinal Morphology, Nutrient Digestibility, and Hepatic Aflatoxin Residues of Aflatoxin B1-Exposed Broilers. Agriculture (Switzerland), 2022, 12, 476.	3.1	5
2	Growth performance, carcass and meat quality, bone strength, and immune response of broilers fed low-calcium diets supplemented with marine mineral complex and phytase. Poultry Science, 2022, 101, 101849.	3.4	7
3	Efficacy of <i>Rumex nervosus</i> leaves or <i>Cinnamomum verum</i> bark as natural growth promoters on the growth performance, immune responsiveness, and serum biochemical profile of broiler chickens. Italian Journal of Animal Science, 2022, 21, 792-801.	1.9	5
4	Effect of Exogenous Enzymes Cocktail on Performance, Carcass Traits, Biochemical Metabolites, Intestinal Morphology, and Nutrient Digestibility of Broilers Fed Normal and Low-Energy Corn-Soybean Diets. Animals, 2022, 12, 1094.	2.3	5
5	Residual feed intake in periparturient 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.	3.4	5
6	Maternal body condition influences neonatal calf whole-blood innate immune molecular responses to ex vivo lipopolysaccharide challenge. Journal of Dairy Science, 2021, 104, 2266-2279.	3.4	9
7	Multifaceted role of one-carbon metabolism on immunometabolic control and growth during pregnancy, lactation and the neonatal period in dairy cattle. Journal of Animal Science and Biotechnology, 2021, 12, 27.	5.3	26
8	One-carbon, carnitine, and glutathione metabolism-related biomarkers in periparturient Holstein cows are altered by preparturient body condition. Journal of Dairy Science, 2021, 104, 3403-3417.	3.4	6
9	Effects of the Inclusion of Different Levels of Dietary Sunflower Hulls on the Colostrum Compositions of Ewes. Animals, 2021, 11, 777.	2.3	4
10	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.	2.8	10
11	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.	5.3	9
12	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. Journal of Animal Science and Biotechnology, 2021, 12, 62.	5.3	17
13	Effects of Nano Emulsified Vegetable Oil and Betaine on Growth Traits and Meat Characteristics of Broiler Chickens Reared under Cyclic Heat Stress. Animals, 2021, 11, 1911.	2.3	10
14	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.	3.4	8
15	Insight View on the Role of in Ovo Feeding of Clenbuterol on Hatched Chicks: Hatchability, Growth Efficiency, Serum Metabolic Profile, Muscle, and Lipid-Related Markers. Animals, 2021, 11, 2429.	2.3	5
16	Protective influence of betaine on intestinal health by regulating inflammation and improving barrier function in broilers under heat stress. Poultry Science, 2021, 100, 101337.	3.4	29
17	Soybean Oil Replacement by Poultry Fat in Broiler Diets: Performance, Nutrient Digestibility, Plasma Lipid Profile and Muscle Fatty Acids Content. Animals, 2021, 11, 2609.	2.3	7
18	Metabolomics and Proteomics Signatures in Feed-Efficient Beef and Dairy Cattle. Sustainable Agriculture Reviews, 2021, , 153-165.	1.1	2

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19	The Effects of Different Levels of Sunflower Hulls on Reproductive Performance of Yearly Ewes Fed with Pelleted Complete Diets. <i>Agriculture (Switzerland)</i> , 2021, 11, 959.	3.1	5
20	Amino acids and the regulation of oxidative stress and immune function in dairy cattle. <i>Journal of Animal Science</i> , 2020, 98, S175-S193.	0.5	45
21	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.	3.4	7
22	Residual feed intake divergence during the preweaning period is associated with unique hindgut microbiome and metabolome profiles in neonatal Holstein heifer calves. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 13.	5.3	41
23	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.	3.4	15
24	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.	3.4	19
25	Supply of Methionine During Late-Pregnancy Alters Fecal Microbiota and Metabolome in Neonatal Dairy Calves Without Changes in Daily Feed Intake. <i>Frontiers in Microbiology</i> , 2019, 10, 2159.	3.5	38
26	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.	3.4	14
27	Hepatic 1-carbon metabolism enzyme activity, intermediate metabolites, and growth in neonatal Holstein dairy calves are altered by maternal supply of methionine during late pregnancy. <i>Journal of Dairy Science</i> , 2019, 102, 10291-10303.	3.4	24
28	Methionine Supply During Late-Gestation Triggers Offspring Sex-Specific Divergent Changes in Metabolic and Epigenetic Signatures in Bovine Placenta. <i>Journal of Nutrition</i> , 2019, 149, 6-17.	2.9	30
29	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.	5.3	33
30	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.	3.4	9
31	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.	5.3	27
32	Maternal supply of methionine during late pregnancy is associated with changes in immune function and abundance of microRNA and mRNA in Holstein calf polymorphonuclear leukocytes. <i>Journal of Dairy Science</i> , 2018, 101, 8146-8158.	3.4	40
33	Methionine supply alters mammary gland antioxidant gene networks via phosphorylation of nuclear factor erythroid 2-like 2 (NFE2L2) protein in dairy cows during the periparturient period. <i>Journal of Dairy Science</i> , 2018, 101, 8505-8512.	3.4	33
34	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.	3.4	7
35	Expression of fatty acid sensing G-protein coupled receptors in periparturient Holstein cows. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 20.	5.3	17
36	Supplemental methionine, choline, or taurine alter in vitro gene network expression of polymorphonuclear leukocytes from neonatal Holstein calves. <i>Journal of Dairy Science</i> , 2017, 100, 3155-3165.	3.4	43

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37	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.	3.4	18
38	Placentome Nutrient Transporters and Mammalian Target of Rapamycin Signaling Proteins Are Altered by the Methionine Supply during Late Gestation in Dairy Cows and Are Associated with Newborn Birth Weight. Journal of Nutrition, 2017, 147, 1640-1647.	2.9	48
39	Current situation and diversity of indigenous cattle breeds of Saudi Arabia. Animal Genetic Resources = Ressources Genetiques Animales = Recursos Geneticos Animales, 2015, 57, 39-49.	0.1	3