

Kendall C Swanson

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

598
citations

840776

11
h-index

642732

23
g-index

73
all docs

73
docs citations

73
times ranked

613
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Application of infrared thermography as an indicator of heat and methane production and its use in the study of skin temperature in response to physiological events in dairy cattle (<i>Bos taurus</i>). <i>Journal of Thermal Biology</i> , 2008, 33, 468-475. | 2.5 | 125 |
| 2 | Early Weaning Reduces Small Intestinal Alkaline Phosphatase Expression in Pigs. <i>Journal of Nutrition</i> , 2010, 140, 461-468. | 2.9 | 89 |
| 3 | Maternal nutrient restriction in mid-to-late gestation influences fetal mRNA expression in muscle tissues in beef cattle. <i>BMC Genomics</i> , 2017, 18, 632. | 2.8 | 59 |
| 4 | Maternal nutrition and programming of offspring energy requirements ¹ . <i>Translational Animal Science</i> , 2019, 3, 976-990. | 1.1 | 41 |
| 5 | The effect of corn or sorghum dried distillers grains plus solubles on growth performance and carcass characteristics of cross-bred beef steers. <i>Animal Feed Science and Technology</i> , 2011, 165, 23-30. | 2.2 | 22 |
| 6 | Influence of dry-rolled corn processing and increasing dried corn distillers grains plus solubles inclusion for finishing cattle on growth performance and feeding behavior ¹ . <i>Journal of Animal Science</i> , 2014, 92, 2531-2537. | 0.5 | 21 |
| 7 | Late gestation supplementation of corn dried distillerâ€™s grains plus solubles to beef cows fed a low-quality forage: III. effects on mammary gland blood flow, colostrum and milk production, and calf body weights. <i>Journal of Animal Science</i> , 2019, 97, 3337-3347. | 0.5 | 20 |
| 8 | Effects of nutrient restriction and melatonin supplementation on maternal and foetal hepatic and small intestinal energy utilization. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 797-807. | 2.2 | 16 |
| 9 | Duodenal Infusions of Starch with Casein or Glutamic Acid Influence Pancreatic and Small Intestinal Carbohydrase Activities in Cattle. <i>Journal of Nutrition</i> , 2020, 150, 784-791. | 2.9 | 16 |
| 10 | Effects of Nutrient Restriction During Midgestation to Late Gestation on Maternal and Fetal Postruminal Carbohydrase Activities in Sheep. <i>Journal of Animal Science</i> , 2020, 98, . | 0.5 | 15 |
| 11 | Effects of realimentation after nutrient restriction during midâ€™to late gestation on pancreatic digestive enzymes, serum insulin and glucose levels, and insulinâ€™containing cell cluster morphology. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 589-604. | 2.2 | 14 |
| 12 | Bovine Animal Model for Studying the Maternal Microbiome, in utero Microbial Colonization and Their Role in Offspring Development and Fetal Programming. <i>Frontiers in Microbiology</i> , 2022, 13, 854453. | 3.5 | 13 |
| 13 | Supplementation of corn dried distillers' grains plus solubles to gestating beef cows fed low-quality forage: II. Impacts on uterine blood flow, circulating estradiol-17 β and progesterone, and hepatic steroid metabolizing enzyme activity ¹ . <i>Journal of Animal Science</i> , 2016, 94, 4619-4628. | 0.5 | 12 |
| 14 | Influence of hempseed cake inclusion on growth performance, carcass characteristics, feeding behavior, and blood parameters in finishing heifers. <i>Journal of Animal Science</i> , 2022, 100, . | 0.5 | 11 |
| 15 | The impact of diet and arginine supplementation on pancreatic mass, digestive enzyme activity, and insulin-containing cell cluster morphology during the estrous cycle in sheep. <i>Domestic Animal Endocrinology</i> , 2017, 59, 23-29. | 1.6 | 9 |
| 16 | Influences of maternal nutrient restriction and arginine supplementation on visceral metabolism and hypothalamic circuitry of offspring. <i>Domestic Animal Endocrinology</i> , 2018, 65, 71-79. | 1.6 | 9 |
| 17 | Effects of ractopamine hydrochloride supplementation on feeding behavior, growth performance, and carcass characteristics of finishing steers ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 1143-1152. | 1.1 | 7 |
| 18 | The role of leptin in reproductive characteristics of commercial beef cows and heifers. <i>Translational Animal Science</i> , 2019, 3, 1764-1768. | 1.1 | 7 |

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|----|--|-----|-----------|
| 19 | Influence of dietary fructose supplementation on visceral organ mass, carbohydrase activity, and mRNA expression of genes involved in small intestinal carbohydrate assimilation in neonatal calves. <i>Journal of Dairy Science</i> , 2020, 103, 10060-10073. | 3.4 | 7 |
| 20 | Nutritional and Physiological Constraints Contributing to Limitations in Small Intestinal Starch Digestion and Glucose Absorption in Ruminants. <i>Ruminants</i> , 2022, 2, 1-26. | 1.1 | 7 |
| 21 | Influence of distillerâ€™s dried grains with solubles on ram lamb growth and reproductive traits. <i>Journal of Animal Science</i> , 2018, 96, 1484-1494. | 0.5 | 6 |
| 22 | In vitro evaluation of nano zinc oxide (nZnO) on mitigation of gaseous emissions. <i>Journal of Animal Science and Technology</i> , 2018, 60, 27. | 2.5 | 6 |
| 23 | Protein Metabolism and Signal Pathway Regulation in Rumen and Mammary Gland. <i>Current Protein and Peptide Science</i> , 2017, 18, 636-651. | 1.4 | 6 |
| 24 | Prenatal and Postnatal Nutrition Influence Pancreatic and Intestinal Carbohydrase Activities of Ruminants. <i>Animals</i> , 2021, 11, 171. | 2.3 | 5 |
| 25 | Mid- to late- gestational maternal nutrient restriction followed by realimentation alters development and lipid composition of liver and skeletal muscles in ovine fetuses. <i>Journal of Animal Science</i> , 2021, 99, . | 0.5 | 5 |
| 26 | Influence of dry-rolled corn processing and distillerâ€™s grain inclusion rate on ruminal pH, ammonia and volatile fatty acid concentration, in vitro methane production and enzyme activity. <i>Animal Feed Science and Technology</i> , 2017, 228, 132-139. | 2.2 | 4 |
| 27 | INFLUENCE OF GRAIN SOURCE AND DRIED CORN DISTILLERS GRAINS PLUS SOLUBLES OIL CONCENTRATION ON FINISHING CATTLE PERFORMANCE AND FEEDING BEHAVIOR. <i>Canadian Journal of Animal Science</i> , 0, , . | 1.5 | 4 |
| 28 | Influence of feeding direct-fed microbial supplementation on growth performance and feeding behavior in naturally fed and conventionally fed finishing cattle with different dietary adaptation periods. <i>Journal of Animal Science</i> , 2018, 96, 3370-3380. | 0.5 | 4 |
| 29 | Small Intestinal Anatomy, Physiology, and Digestion in Ruminants. , 2019, , . | | 4 |
| 30 | Effects of nutrient restriction and melatonin supplementation from mid-to-late gestation on maternal and fetal small intestinal carbohydrase activities in sheep. <i>Domestic Animal Endocrinology</i> , 2021, 74, 106555. | 1.6 | 4 |
| 31 | Influence of limit-feeding and time of day of feed availability to growing calves on growth performance and feeding behavior in cold weather ¹ . <i>Journal of Animal Science</i> , 2017, 95, 5137-5144. | 0.5 | 3 |
| 32 | Effect of metabolizable protein intake on growth performance, carcass characteristics, and feeding behavior in finishing steers. <i>Translational Animal Science</i> , 2019, 3, 1173-1181. | 1.1 | 3 |
| 33 | A proteomics approach to detect tissue-wide adaptive changes in the pancreas associated with increased pancreatic Î±-amylase activity in domestic cattle (<i>Bos taurus</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 65-71. | 1.0 | 2 |
| 34 | Corn supplementation as a winter-feeding strategy alters maternal feeding behavior and endocrine profiles in mid- to late-gestating beef cows ¹ . <i>Translational Animal Science</i> , 2018, 2, S106-S111. | 1.1 | 2 |
| 35 | Effect of grain type and dried distillers grains plus solubles oil concentration on site of digestion in cattle fed finishing diets. <i>Canadian Journal of Animal Science</i> , 2018, 98, 368-375. | 1.5 | 2 |
| 36 | Influence of grain type and oil concentration of dried corn distillersâ€™ grain with solubles on ruminal fermentation and in vitro gas production in cattle fed high-concentrate diets. <i>Canadian Journal of Animal Science</i> , 2019, 99, 160-167. | 1.5 | 2 |

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|----|--|-----|-----------|
| 37 | Influence of maternal nutrient restriction and rumen-protected arginine supplementation on post-ruminal digestive enzyme activity of lamb offspring. <i>Livestock Science</i> , 2020, 241, 104246. | 1.6 | 2 |
| 38 | Nuclear and membrane progesterone receptors expression in placenta from early to late pregnancy in sheep: Effects of restricted nutrition and realimentation. <i>Theriogenology</i> , 2020, 148, 95-102. | 2.1 | 2 |
| 39 | Influence of amount and frequency of protein supplementation to steers consuming low-quality, cool-season forage: intake, nutrient digestibility, and ruminal fermentation. <i>Journal of Animal Science</i> , 2021, 99, . | 0.5 | 2 |
| 40 | Contrasts in forage mineral concentration with patch-burn grazing: a preliminary analysis. <i>Translational Animal Science</i> , 2021, 5, S75-S79. | 1.1 | 2 |
| 41 | The influence of pregnancy and plane of nutrition during pregnancy on pancreatic digestive enzymes and insulin-containing cell cluster morphology in beef cows. <i>Canadian Journal of Animal Science</i> , 0, , . | 1.5 | 1 |
| 42 | PSIII-15 Genetic diversity and population structure in nine beef cattle sub-populations using whole genome SNP markers. <i>Journal of Animal Science</i> , 2019, 97, 169-170. | 0.5 | 1 |
| 43 | Influence of ractopamine hydrochloride supplementation on pancreatic digestive enzyme activity in finishing steers. <i>Canadian Journal of Animal Science</i> , 2021, 101, 191-195. | 1.5 | 1 |
| 44 | PSIX-7 Grazing toxic endophyte-infected tall fescue does not influence pancreatic or small intestinal digestive enzyme activities in beef steers. <i>Journal of Animal Science</i> , 2020, 98, 410-411. | 0.5 | 1 |
| 45 | 248 Maternal Nutrient Restriction During Mid-gestation Decreases Uteroplacental Release and Fetal Uptake of Essential Amino Acids in Sheep. <i>Journal of Animal Science</i> , 2021, 99, 130-131. | 0.5 | 1 |
| 46 | 335 Evaluation of Hempseed Cake on Cattle Performance, Carcass Characteristics and Feeding Behavior in Finishing Diets. <i>Journal of Animal Science</i> , 2021, 99, 184-185. | 0.5 | 1 |
| 47 | 343 The Influence of Weather Variables on Average Daily Gain of Beef Steers. <i>Journal of Animal Science</i> , 2021, 99, 190-191. | 0.5 | 1 |
| 48 | Effects of dietary supplement sources on the rate and extent of in vitro ruminal degradation of alfalfa-based diets for cattle. <i>Canadian Journal of Animal Science</i> , 2020, 100, 244-252. | 1.5 | 1 |
| 49 | 345 The effects of maternal nutrient restriction followed by re-alimentation on offspring growth and metabolism in sheep. <i>Journal of Animal Science</i> , 2019, 97, 98-98. | 0.5 | 0 |
| 50 | PSIV-1 Effects of nutrient restriction and realimentation of gestating ewes on fetal carbohydrase activities in the small intestine. <i>Journal of Animal Science</i> , 2019, 97, 221-221. | 0.5 | 0 |
| 51 | PSI-25 Effects of restricted maternal nutrition and realimentation during gestation on the fetal progenitor cell population in semitendinosus muscle of sheep. <i>Journal of Animal Science</i> , 2019, 97, 248-248. | 0.5 | 0 |
| 52 | 402 Awardee Talk - Efficiency of nutrient use in ruminants: Current understanding and emerging questions. <i>Journal of Animal Science</i> , 2019, 97, 162-162. | 0.5 | 0 |
| 53 | PSIV-8 Effects of restricted maternal nutrition and re-alimentation on fetal muscle development from mid to late gestation in sheep. <i>Journal of Animal Science</i> , 2019, 97, 224-225. | 0.5 | 0 |
| 54 | PSIV-11 The effect of a high sugar supplement versus a beef supplement during pregnancy on offspring hepatic gene expression in a swine biomedical model. <i>Journal of Animal Science</i> , 2019, 97, 227-228. | 0.5 | 0 |

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| 55 | PSII-35 Melatonin supplementation and restricted nutrition do not affect chorionic somatomammotropin (CSH) concentration in ovine placenta from mid- to late- gestation. <i>Journal of Animal Science</i> , 2019, 97, 244-244. | 0.5 | 0 |
| 56 | PSIX-41 The potential for different supplement sources to reduce frothy legume bloat based on in vitro degradation characteristics. <i>Journal of Animal Science</i> , 2019, 97, 390-391. | 0.5 | 0 |
| 57 | 340 Effects of nutrient restriction during mid- to late-gestation on maternal and fetal pancreatic exocrine function in sheep. <i>Journal of Animal Science</i> , 2019, 97, 95-95. | 0.5 | 0 |
| 58 | PSI-19 Bovine chromosome 19 VDR and GPRC5C genotypes are associated with udder conformation traits in crossbred beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 241-242. | 0.5 | 0 |
| 59 | Fetal expression of genes related to metabolic function is impacted by supplementation of ground beef and sucrose during gestation in a swine model. <i>Journal of Animal Science</i> , 2020, 98, . | 0.5 | 0 |
| 60 | PSV-3 Milk Lactose Concentration Is Altered in Multiparous Sows Supplemented with Sugar from Mid-gestation Through Lactation. <i>Journal of Animal Science</i> , 2021, 99, 205-206. | 0.5 | 0 |
| 61 | PSV-2 Maternal nutrient restriction and re-alimentation influences liver and muscle tissue development and gene expression. <i>Journal of Animal Science</i> , 2021, 99, 307-307. | 0.5 | 0 |
| 62 | 89 Relationships Among Measures of Efficiency with Body Weight, Frame Score, and Body Volume in Lactating Multiparous Crossbred Beef Cattle. <i>Journal of Animal Science</i> , 2021, 99, 47-48. | 0.5 | 0 |
| 63 | PSX-A-16 Late-Breaking: Maternal nutrient restriction and re-alimentation influences liver protein expression in fetal sheep. <i>Journal of Animal Science</i> , 2021, 99, 376-377. | 0.5 | 0 |
| 64 | PSIII-10 The association of genes involved in mitochondrial function with growth, size, and feed efficiency traits in developing beef heifers. <i>Journal of Animal Science</i> , 2020, 98, 232-233. | 0.5 | 0 |
| 65 | 219 Effects of maternal nutrient restriction and rumen-protected arginine supplementation on post-ruminal digestive enzyme activities of lamb offspring. <i>Journal of Animal Science</i> , 2020, 98, 45-45. | 0.5 | 0 |
| 66 | PSIV-16 Maternal Nutrient Restriction Followed by Re-alimentation Alters Distinct Metabolic Pathways in Sheep Offspring. <i>Journal of Animal Science</i> , 2020, 98, 284-285. | 0.5 | 0 |
| 67 | PSV-18 The role of leptin in feed efficiency and behavior attributes of commercial beef heifers. <i>Journal of Animal Science</i> , 2020, 98, 162-162. | 0.5 | 0 |
| 68 | 49 Solar radiation as a predictor variable for dry matter intake in beef steers. <i>Journal of Animal Science</i> , 2020, 98, 31-31. | 0.5 | 0 |
| 69 | PSIII-11 The effect of GALR2 genotype and differing implant strategies on blood metabolite concentrations in finishing steers. <i>Journal of Animal Science</i> , 2020, 98, 239-239. | 0.5 | 0 |
| 70 | PSIV-35 The relationship between weather variables and dry matter intake in beef steers. <i>Journal of Animal Science</i> , 2020, 98, 280-281. | 0.5 | 0 |
| 71 | 143 Nutritional advances in fetal and neonatal development: amino acid supplementation. <i>Journal of Animal Science</i> , 2020, 98, 122-122. | 0.5 | 0 |
| 72 | 220 Effects of supplemental leucine in milk replacer on lamb growth performance and carcass characteristics. <i>Journal of Animal Science</i> , 2020, 98, 46-46. | 0.5 | 0 |

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|----|--|-----|-----------|
| 73 | Interaction of replacing corn silage with soyhulls as a roughage source with or without 3% added wheat straw in the diet: impacts on intake, digestibility and ruminal fermentation in steers fed high-concentrate diets. <i>Translational Animal Science</i> , 0, , . | 1.1 | 0 |