

# Kendall C Swanson

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

598  
citations

949033

11  
h-index

721071

23  
g-index

73  
all docs

73  
docs citations

73  
times ranked

641  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.5	13
2	Nutritional and Physiological Constraints Contributing to Limitations in Small Intestinal Starch Digestion and Glucose Absorption in Ruminants. <i>Ruminants</i> , 2022, 2, 1-26.	0.4	7
3	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, .	0.2	11
4	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.	0.8	4
5	Influence of ractopamine hydrochloride supplementation on pancreatic digestive enzyme activity in finishing steers. <i>Canadian Journal of Animal Science</i> , 2021, 101, 191-195.	0.7	1
6	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, .	0.2	2
7	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.	0.2	0
8	Prenatal and Postnatal Nutrition Influence Pancreatic and Intestinal Carbohydrase Activities of Ruminants. <i>Animals</i> , 2021, 11, 171.	1.0	5
9	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.	0.2	0
10	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.	0.2	1
11	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.	0.2	1
12	343 The Influence of Weather Variables on Average Daily Gain of Beef Steers. <i>Journal of Animal Science</i> , 2021, 99, 190-191.	0.2	1
13	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.	0.2	0
14	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.	0.2	0
15	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, .	0.2	5
16	Contrasts in forage mineral concentration with patch-burn grazing: a preliminary analysis. <i>Translational Animal Science</i> , 2021, 5, S75-S79.	0.4	2
17	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, .	0.2	15
18	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.	1.3	16

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19	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.	0.6	2
20	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, .	0.2	0
21	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.	1.4	7
22	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.	0.9	2
23	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.	0.2	1
24	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.	0.7	1
25	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.	0.2	0
26	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.	0.2	0
27	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.	0.2	0
28	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.	0.2	0
29	49 Solar radiation as a predictor variable for dry matter intake in beef steers. <i>Journal of Animal Science</i> , 2020, 98, 31-31.	0.2	0
30	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.	0.2	0
31	PSIV-35 The relationship between weather variables and dry matter intake in beef steers. <i>Journal of Animal Science</i> , 2020, 98, 280-281.	0.2	0
32	143 Nutritional advances in fetal and neonatal development: amino acid supplementation. <i>Journal of Animal Science</i> , 2020, 98, 122-122.	0.2	0
33	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.	0.2	0
34	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.	0.7	2
35	Maternal nutrition and programming of offspring energy requirements <sup>1</sup> . <i>Translational Animal Science</i> , 2019, 3, 976-990.	0.4	41
36	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.	0.4	3

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37	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.	0.2	1
38	Effects of ractopamine hydrochloride supplementation on feeding behavior, growth performance, and carcass characteristics of finishing steers <sup>1,2</sup> . <i>Translational Animal Science</i> , 2019, 3, 1143-1152.	0.4	7
39	Late gestation supplementation of corn dried distiller'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.	0.2	20
40	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.	0.2	0
41	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.	0.2	0
42	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.	0.2	0
43	402 Awardee Talk - Efficiency of nutrient use in ruminants: Current understanding and emerging questions. <i>Journal of Animal Science</i> , 2019, 97, 162-162.	0.2	0
44	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.	0.2	0
45	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.	0.2	0
46	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.	0.2	0
47	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.	0.2	0
48	Small Intestinal Anatomy, Physiology, and Digestion in Ruminants. , 2019, , .		4
49	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.	0.2	0
50	The role of leptin in reproductive characteristics of commercial beef cows and heifers. <i>Translational Animal Science</i> , 2019, 3, 1764-1768.	0.4	7
51	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.	0.2	0
52	Influence of distiller's dried grains with solubles on ram lamb growth and reproductive traits. <i>Journal of Animal Science</i> , 2018, 96, 1484-1494.	0.2	6
53	Corn supplementation as a winter-feeding strategy alters maternal feeding behavior and endocrine profiles in mid- to late-gestating beef cows <sup>1</sup> . <i>Translational Animal Science</i> , 2018, 2, S106-S111.	0.4	2
54	In vitro evaluation of nano zinc oxide (nZnO) on mitigation of gaseous emissions. <i>Journal of Animal Science and Technology</i> , 2018, 60, 27.	0.8	6

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55	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.	0.7	2
56	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.	0.2	4
57	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.	0.8	9
58	Effects of realimentation after nutrient restriction during mid- to late gestation on pancreatic digestive enzymes, serum insulin and glucose levels, and insulin-containing cell cluster morphology. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 589-604.	1.0	14
59	Influence of dry-rolled corn processing and distiller'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.	1.1	4
60	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.	0.8	9
61	Influence of limit-feeding and time of day of feed availability to growing calves on growth performance and feeding behavior in cold weather. <i>Journal of Animal Science</i> , 2017, 95, 5137-5144.	0.2	3
62	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.	1.2	59
63	Protein Metabolism and Signal Pathway Regulation in Rumen and Mammary Gland. <i>Current Protein and Peptide Science</i> , 2017, 18, 636-651.	0.7	6
64	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 $\beta$ and progesterone, and hepatic steroid metabolizing enzyme activity. <i>Journal of Animal Science</i> , 2016, 94, 4619-4628.	0.2	12
65	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.	1.0	16
66	Influence of dry-rolled corn processing and increasing dried corn distillers grains plus solubles inclusion for finishing cattle on growth performance and feeding behavior. <i>Journal of Animal Science</i> , 2014, 92, 2531-2537.	0.2	21
67	A proteomics approach to detect tissue-wide adaptive changes in the pancreas associated with increased pancreatic $\alpha$ -amylase activity in domestic cattle ( <i>Bos taurus</i> ). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 65-71.	0.4	2
68	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.	1.1	22
69	Early Weaning Reduces Small Intestinal Alkaline Phosphatase Expression in Pigs. <i>Journal of Nutrition</i> , 2010, 140, 461-468.	1.3	89
70	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.	1.1	125
71	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, , .	0.7	1
72	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, , .	0.7	4

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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, , .	0.4	0