

# Alison K Ward

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

750  
citations

516215

16  
h-index

580395

25  
g-index

73  
all docs

73  
docs citations

73  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional Regulation of Embryonic Survival, Growth, and Development. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1354, 63-76.	0.8	19
2	Untangling the placentome gene network of beef heifers in early gestation. <i>Genomics</i> , 2022, 114, 110274.	1.3	3
3	Editorial: Genomic Basis of Developmental Programming in Livestock: Insights Into Nutrition, Health, and Production. <i>Frontiers in Genetics</i> , 2022, 13, 861740.	1.1	0
4	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
5	Epigenetic Modifier Supplementation Improves Mitochondrial Respiration and Growth Rates and Alters DNA Methylation of Bovine Embryonic Fibroblast Cells Cultured in Divergent Energy Supply. <i>Frontiers in Genetics</i> , 2022, 13, 812764.	1.1	8
6	DNA methylation dataset of bovine embryonic fibroblast cells treated with epigenetic modifiers and divergent energy supply. <i>Data in Brief</i> , 2022, 42, 108074.	0.5	2
7	Vitamin and Mineral Supplementation and Rate of Gain in Beef Heifers I: Effects on Dam Hormonal and Metabolic Status, Fetal Tissue and Organ Mass, and Concentration of Glucose and Fructose in Fetal Fluids at d 83 of Gestation. <i>Animals</i> , 2022, 12, 1757.	1.0	14
8	Vitamin and mineral supplementation and rate of gain during the first trimester of gestation affect concentrations of amino acids in maternal serum and allantoic fluid of beef heifers. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	21
9	Cerebrum, liver, and muscle regulatory networks uncover maternal nutrition effects in developmental programming of beef cattle during early pregnancy. <i>Scientific Reports</i> , 2021, 11, 2771.	1.6	26
10	Maternal Vitamin and Mineral Supplementation and Rate of Maternal Weight Gain Affects Placental Expression of Energy Metabolism and Transport-Related Genes. <i>Genes</i> , 2021, 12, 385.	1.0	26
11	Programming of Embryonic Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11668.	1.8	15
12	The effects of maternal nutrition during the first 50 d of gestation on the location and abundance of hexose and cationic amino acid transporters in beef heifer uteroplacental tissues. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	8
13	Supranutritional Maternal Organic Selenium Supplementation during Different Trimesters of Pregnancy Affects the Muscle Gene Transcriptome of Newborn Beef Calves in a Time-Dependent Manner. <i>Genes</i> , 2021, 12, 1884.	1.0	9
14	Characterization of the Microbiota Associated With 12-Week-Old Bovine Fetuses Exposed to Divergent in utero Nutrition. <i>Frontiers in Microbiology</i> , 2021, 12, 771832.	1.5	16
15	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
16	Maternal periconceptual nutrition, early pregnancy, and developmental outcomes in beef cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	32
17	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
18	Effect of feeding a low-vitamin A diet on carcass and production characteristics of steers with a high or low propensity for marbling. <i>Animal</i> , 2020, 14, 2308-2314.	1.3	6

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19	The effects of maternal nutrient restriction and day of early pregnancy on the location and abundance of neutral amino acid transporters in beef heifer utero-placental tissues. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
20	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
21	218 Effects of feeding a vitamin and mineral supplement and (or) an energy supplement on concentrations of amino acids in beef heifer serum and fetal fluids at d 83 of gestation. <i>Journal of Animal Science</i> , 2020, 98, 151-152.	0.2	1
22	187 Effects of energy supplementation during early gestation in beef heifers on body weight, concentrations of IGF-1, and calf characteristics. <i>Journal of Animal Science</i> , 2020, 98, 163-164.	0.2	3
23	390 Micronutrients, One-Carbon Metabolism, and Epigenetics: Potential Developmental and Production Outcomes. <i>Journal of Animal Science</i> , 2020, 98, 170-170.	0.2	2
24	406 Maternal nutrition during early gestation: Impacts on developmental outcomes. <i>Journal of Animal Science</i> , 2020, 98, 201-202.	0.2	1
25	PSVIII-37 Late-Breaking Abstract: Effects of feeding a vitamin and mineral supplement and (or) an energy supplement on the abundance of SLC7A5 transporter in beef heifer placentomes at d 83 of gestation. <i>Journal of Animal Science</i> , 2020, 98, 346-347.	0.2	1
26	PSXII-26 Maternal energy restriction in early gestation affects MYOG network topology of bovine skeletal muscle. <i>Journal of Animal Science</i> , 2020, 98, 241-241.	0.2	0
27	148 Effects of managing mature beef bulls on divergent planes of nutrition on body composition and concentrations of hormones and metabolites. <i>Journal of Animal Science</i> , 2020, 98, 117-118.	0.2	0
28	PSIII-42 Genome-wide expression profile of trophoblastic cells during late pregnancy in ewes. <i>Journal of Animal Science</i> , 2020, 98, 236-237.	0.2	0
29	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
30	PSVI-23 Effects of a vitamin and mineral supplement and an energy supplement on concentrations of glucose and non-esterified fatty acids in artificially inseminated beef heifers up to d 84 post-insemination. <i>Journal of Animal Science</i> , 2020, 98, 218-218.	0.2	0
31	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
32	PSV-20 The effect of differing implant strategies on the galanin receptor 2 genotype on feed intake, efficiency, and feeding behavior of crossbred Angus finishing steers. <i>Journal of Animal Science</i> , 2020, 98, 159-159.	0.2	0
33	150 Effects of managing mature beef bulls on divergent planes of nutrition on novel measures of bull fertility. <i>Journal of Animal Science</i> , 2020, 98, 114-115.	0.2	1
34	168 Effects of GALR2 genotype and differing implant strategies on carcass characteristics of crossbred Angus finishing steers. <i>Journal of Animal Science</i> , 2020, 98, 126-126.	0.2	0
35	149 Effects of managing mature beef bulls on divergent planes of nutrition on motility and kinematic properties of fresh and frozen-thawed sperm. <i>Journal of Animal Science</i> , 2020, 98, 115-115.	0.2	0
36	201 Effects of feeding vitamin and mineral and (or) energy supplements to beef heifers during the first 83 days of gestation on progesterone concentrations, corpus luteum size, and fetal body measurements. <i>Journal of Animal Science</i> , 2020, 98, 161-162.	0.2	3

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37	Maternal nutrition and programming of offspring energy requirements <sup>1</sup> . <i>Translational Animal Science</i> , 2019, 3, 976-990.	0.4	41
38	Developmental Programming of Fetal Growth and Development. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2019, 35, 229-247.	0.5	83
39	Moderate nutrient restriction of beef heifers alters expression of genes associated with tissue metabolism, accretion, and function in fetal liver, muscle, and cerebrum by day 50 of gestation <sup>1</sup> . <i>Translational Animal Science</i> , 2019, 3, 855-866.	0.4	34
40	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
41	PSXIV-3 Expression of genes within the methionine-folate cycle are altered by glucose and one-carbon metabolite supplementation in bovine embryonic fibroblasts. <i>Journal of Animal Science</i> , 2019, 97, 307-307.	0.2	0
42	One-carbon metabolite supplementation improves growth of bovine embryonic fibroblasts cultured in divergent glucose media. <i>Translational Animal Science</i> , 2019, 3, 1705-1709.	0.4	3
43	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
44	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
45	Maternal nutrition and stage of early pregnancy in beef heifers: impacts on hexose and AA concentrations in maternal and fetal fluids <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 1296-1316.	0.2	32
46	Estrogen receptor signaling regulates the expression of the breast tumor kinase in breast cancer cells. <i>BMC Cancer</i> , 2019, 19, 78.	1.1	18
47	Effects of Replacing Supplemental Sucrose with Beef During Mid to Late Gestation on Maternal Health and Fetal Development using a Sow Biomedical Model. <i>Meat and Muscle Biology</i> , 2019, 3, 16-16.	0.7	1
48	Influence of Maternal Corn Supplementation of Beef Cattle on Muscle Fiber Type and Meat Quality of their Offspring. <i>Meat and Muscle Biology</i> , 2019, 3, 158-159.	0.7	0
49	The effects of nutrient restriction on mRNA expression of endogenous retroviruses, interferon-tau, and pregnancy-specific protein-B during the establishment of pregnancy in beef heifers <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 950-963.	0.2	5
50	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
51	Molecular characterization of breast cancer cell lines through multiple omic approaches. <i>Breast Cancer Research</i> , 2017, 19, 65.	2.2	67
52	The effects of maternal nutrition on the messenger ribonucleic acid expression of neutral and acidic amino acid transporters in bovine uteroplacental tissues from day sixteen to fifty of gestation <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 4668-4676.	0.2	11
53	116 On the associations between linear body measurements, feeding behavior traits, and feed efficiency measures in finishing steers. <i>Journal of Animal Science</i> , 2017, 95, 54-54.	0.2	0
54	Impacts of maternal nutrition on uterine and placental vascularity and mRNA expression of angiogenic factors during the establishment of pregnancy in beef heifers <sup>1</sup> . <i>Translational Animal Science</i> , 2017, 1, 160-167.	0.4	15

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55	095 Comparison of expression of glucose, fructose, and cationic amino acid transporters in bovine caruncular and inter-caruncular tissue between the pregnant and non-pregnant uterine horn from days 16 to 50 of gestation. <i>Journal of Animal Science</i> , 2017, 95, 44-45.	0.2	1
56	Endogenous retroviral gene elements (syncytin-Rum1 and BERV-K1), interferon- $\beta$ , and pregnancy associated glycoprotein-1 are differentially expressed in maternal and fetal tissues during the first 50 days of gestation in beef heifers. <i>Translational Animal Science</i> , 2017, 1, 239-249.	0.4	4
57	Maternal nutrition and stage of early pregnancy in beef heifers: Impacts on expression of glucose, fructose, and cationic amino acid transporters in utero-placental tissues 1. <i>Journal of Animal Science</i> , 2017, 95, 5563-5572.	0.2	18
58	626 Maternal nutrition during the first 50 days of gestation alters bovine fetal hepatic metabolic transcriptome. <i>Journal of Animal Science</i> , 2017, 95, 306-307.	0.2	0
59	073 The effects of a low vitamin A diet on the mechanism of intramuscular fat development. <i>Journal of Animal Science</i> , 2017, 95, 36-37.	0.2	0
60	304 Fetal and placental growth during the first 90 days of gestation in beef heifers, and effects of maternal nutrition. <i>Journal of Animal Science</i> , 2017, 95, 150-151.	0.2	2
61	Epigenetics and Developmental Programming in Ruminants: Long-Term Impacts on Growth and Development. , 2017, , 85-121.		7
62	RAPID COMMUNICATION: Expression of an endogenous retroviral element, syncytin-Rum1, during early gestation in beef heifers. <i>Journal of Animal Science</i> , 2016, 94, 4452-4456.	0.2	5
63	Interaction of vitamin A supplementation level with ADH1C genotype on intramuscular fat in beef steers. <i>Animal</i> , 2016, 10, 403-409.	1.3	13
64	RAPID COMMUNICATION: Isolation of glucose transporters GLUT3 and GLUT14 in bovine uteroplacental tissues from days 16 to 50 of gestation. <i>Journal of Animal Science</i> , 2016, 94, 4463-4469.	0.2	10
65	Epigenetic silencing of CREB3L1 by DNA methylation is associated with high-grade metastatic breast cancers with poor prognosis and is prevalent in triple negative breast cancers. <i>Breast Cancer Research</i> , 2016, 18, 12.	2.2	44
66	1165 The effects of nutritional restriction on endogenous retroviruses and placentation during the first 50 d of gestation in beef heifers. <i>Journal of Animal Science</i> , 2016, 94, 559-559.	0.2	2
67	Abstract 2860: Loss of expression of the metastasis suppressor CREB3L1 is associated with high-grade metastatic breast cancer and poorer prognosis. , 2016, , .		0
68	0001 Effects of maternal nutritional status on nutrient transporter expression in bovine utero-placental tissue on days 16 to 50 of gestation. <i>Journal of Animal Science</i> , 2016, 94, 1-1.	0.2	7
69	1518 Isolation and comparison of expression of novel glucose transporters, GLUT3 and GLUT14, in bovine uteroplacental tissues from days sixteen to fifty of gestation. <i>Journal of Animal Science</i> , 2016, 94, 737-737.	0.2	0
70	The impact of vitamin A restriction and ADH1C genotype on marbling in feedlot steers. <i>Journal of Animal Science</i> , 2012, 90, 2476-2483.	0.2	29
71	Fishy-egg tainting is recessively inherited when brown-shelled layers are fed canola meal. <i>Poultry Science</i> , 2009, 88, 714-721.	1.5	21
72	Initial Effects of the Mount St. Helens Eruption on Nitrogen Cycle and Related Chemical Processes in Ryan Lake. <i>Applied and Environmental Microbiology</i> , 1983, 45, 1633-1645.	1.4	18