

# Allison M Meyer

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

763  
citations

567247

15  
h-index

526264

27  
g-index

57  
all docs

57  
docs citations

57  
times ranked

642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin supplementation alters uteroplacental hemodynamics and fetal development in an ovine model of intrauterine growth restriction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R454-R467.	1.8	100
2	Nutritional plane and selenium supply during gestation affect yield and nutrient composition of colostrum and milk in primiparous ewes <sup>1</sup> . <i>Journal of Animal Science</i> , 2011, 89, 1627-1639.	0.5	70
3	Effects of stage of gestation and nutrient restriction during early to mid-gestation on maternal and fetal visceral organ mass and indices of jejunal growth and vascularity in beef cows <sup>1</sup> . <i>Journal of Animal Science</i> , 2010, 88, 2410-2424.	0.5	64
4	Effects of plane of nutrition and selenium supply during gestation on ewe and neonatal offspring performance, body composition, and serum selenium <sup>1</sup> . <i>Journal of Animal Science</i> , 2010, 88, 1786-1800.	0.5	63
5	The effect of residual feed intake classification on forage intake by grazing beef cows. <i>Journal of Animal Science</i> , 2008, 86, 2670-2679.	0.5	48
6	Role of the Small Intestine in Developmental Programming: Impact of Maternal Nutrition on the Dam and Offspring. <i>Advances in Nutrition</i> , 2016, 7, 169-178.	6.4	45
7	Impacts of Maternal Nutrition on Vascularity of Nutrient Transferring Tissues during Gestation and Lactation. <i>Nutrients</i> , 2015, 7, 3497-3523.	4.1	42
8	Effects of maternal selenium supply and plane of nutrition during gestation on passive transfer of immunity and health in neonatal lambs <sup>1</sup> . <i>Journal of Animal Science</i> , 2011, 89, 3690-3698.	0.5	32
9	Dietary selenium and nutritional plane alter specific aspects of maternal endocrine status during pregnancy and lactation. <i>Domestic Animal Endocrinology</i> , 2014, 46, 1-11.	1.6	31
10	Small intestinal growth measures are correlated with feed efficiency in market weight cattle, despite minimal effects of maternal nutrition during early to midgestation <sup>1</sup> . <i>Journal of Animal Science</i> , 2014, 92, 3855-3867.	0.5	30
11	Effects of nutritional plane and selenium supply during gestation on visceral organ mass and indices of intestinal growth and vascularity in primiparous ewes at parturition and during early lactation <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 2733-2749.	0.5	23
12	Effect of maternal nutrient restriction and melatonin supplementation from mid to late gestation on vascular reactivity of maternal and fetal placental arteries. <i>Placenta</i> , 2014, 35, 461-466.	1.5	23
13	Locomotion behavior changes in peripartum beef cows and heifers. <i>Journal of Animal Science</i> , 2019, 97, 509-520.	0.5	22
14	Maternal nutritional plane and selenium supply during gestation impact visceral organ mass and intestinal growth and vascularity of neonatal lamb offspring <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 2628-2639.	0.5	20
15	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
16	Effects of feeding stockpiled tall fescue versus summer-baled tall fescue-based hay to late gestation beef cows: I. Cow performance, maternal metabolic status, and fetal growth <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 4618-4632.	0.5	15
17	Factors affecting placental size in beef cattle: Maternal and fetal influences. <i>Theriogenology</i> , 2021, 174, 149-159.	2.1	15
18	Neonatal hormone changes and growth in lambs born to dams receiving differing nutritional intakes and selenium supplementation during gestation. <i>Reproduction</i> , 2012, 144, 23-35.	2.6	13

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19	Comparison of Grazing Stockpiled Tall Fescue Versus Feeding Hay With or Without Supplementation for Gestating and Lactating Beef Cows During Winter. <i>The Professional Animal Scientist</i> , 2009, 25, 449-458.	0.7	10
20	Ruminal expression of the <i>NQO1</i> , <i>RGS5</i> , and <i>ACAT1</i> genes may be indicators of feed efficiency in beef steers. <i>Animal Genetics</i> , 2017, 48, 90-92.	1.7	10
21	Effects of rumen-protected arginine supplementation and arginine-HCl injection on site and extent of digestion and small intestinal amino acid disappearance in forage-fed steers <sup>1</sup> . <i>Translational Animal Science</i> , 2018, 2, 205-215.	1.1	9
22	Mammary gland growth and vascularity at parturition and during lactation in primiparous ewes fed differing levels of selenium and nutritional plane during gestation. <i>Journal of Animal Science and Biotechnology</i> , 2013, 4, 6.	5.3	8
23	Effects of feed efficiency and diet on performance and carcass characteristics in growing wether lambs. <i>Small Ruminant Research</i> , 2022, 207, 106611.	1.2	7
24	Rumen-protected arginine in ewe lambs: effects on circulating serum amino acids and carotid artery hemodynamics. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	6
25	Blood chemistry and rectal temperature changes in a population of healthy, fall-born, suckling beef calves from birth to 72 h of age. <i>Theriogenology</i> , 2022, 188, 145-155.	2.1	6
26	Serum Chemistry and Hematology Changes in Neonatal Stock-Type Foals During the First 72 Hours of Life. <i>Journal of Equine Veterinary Science</i> , 2020, 84, 102855.	0.9	5
27	Effects of maternal plane of nutrition and increased dietary selenium in first-parity ewes on inflammatory response in the ovine neonatal gut <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 325-333.	0.5	3
28	BEEF SPECIES SYMPOSIUM: Making more but using less: The future of the U.S. beef industry with a reduced cow herd and the challenge to feed the United States and world <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 4223-4226.	0.5	3
29	PSI-14 Relationships of neonatal beef calf vigor with metabolic status. <i>Journal of Animal Science</i> , 2019, 97, 249-249.	0.5	3
30	Umbilical Cord Blood Flow Following Melatonin Supplementation in Adequately Fed or Nutrient Restricted Ewes.. <i>Biology of Reproduction</i> , 2011, 85, 458-458.	2.7	3
31	Genes Involved in Feed Efficiency Identified in a Meta-Analysis of Rumen Tissue from Two Populations of Beef Steers. <i>Animals</i> , 2022, 12, 1514.	2.3	2
32	442 Effects of parity on neonatal beef calf serum metabolites during the first 72 hours of age. <i>Journal of Animal Science</i> , 2017, 95, 217-217.	0.5	1
33	490 Relationships of Placental Size with Beef Cow and Calf Characteristics.. <i>Journal of Animal Science</i> , 2018, 96, 262-262.	0.5	1
34	70 Effects of copper, zinc, and manganese intake in late gestation on milk, cow plasma, and calf plasma trace mineral concentrations post-calving in beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 45-45.	0.5	1
35	Ruminal transcript abundance of the centromere-associated protein E gene may influence residual feed intake in beef steers. <i>Animal Genetics</i> , 2020, 51, 453-456.	1.7	1
36	1052 Relationships of calf vigor at birth with calf size and circulating metabolites in fall-born beef calves. <i>Journal of Animal Science</i> , 2016, 94, 504-504.	0.5	1

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37	Effects of maternal nutrition and rumen-protected arginine supplementation on maternal carotid artery hemodynamics and circulating amino acids of ewes and offspring. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	1
38	86 Factors affecting beef calf vigor at birth: Dam peripartum body condition score, calving season, and calf size. <i>Journal of Animal Science</i> , 2020, 98, 3-3.	0.5	1
39	486 Effects of late gestational forage system on fetal growth and neonatal calf blood chemistry. <i>Journal of Animal Science</i> , 2017, 95, 237-238.	0.5	0
40	PSI-15 Factors affecting circulating metabolites and postnatal growth in spring-born neonatal beef calves. <i>Journal of Animal Science</i> , 2019, 97, 249-250.	0.5	0
41	358 Comparison of analytical methods for determination of nutrient concentration in beef cow colostrum and milk. <i>Journal of Animal Science</i> , 2019, 97, 149-149.	0.5	0
42	Effects of dry or wet conditions during the preweaning phase on subsequent feedlot performance and carcass composition of beef cattle. <i>Translational Animal Science</i> , 2019, 3, 247-255.	1.1	0
43	298 Effects of parity on late gestational uterine blood flow and hemodynamics in beef cattle. <i>Journal of Animal Science</i> , 2019, 97, 137-138.	0.5	0
44	PSIII-29 Effects of late gestational tall fescue forage system on spring-calving beef cow performance, circulating metabolites, and colostrum quality. <i>Journal of Animal Science</i> , 2019, 97, 258-258.	0.5	0
45	433 Late-Breaking: Immune responsiveness of neonatal beef calves is altered by late gestational Cu, Zn, and Mn supplementation. <i>Journal of Animal Science</i> , 2019, 97, 24-25.	0.5	0
46	24 Effects of Spring versus Fall Calving on Fetal Growth, Vigor at Birth, and Neonatal Circulating Metabolites in Beef Calves. <i>Journal of Animal Science</i> , 2021, 99, 23-24.	0.5	0
47	92 Maternal Nutrient Restriction of Primiparous Beef Heifers During Late Gestation Decreases Colostrum Yield and Reduces Calf Vigor. <i>Journal of Animal Science</i> , 2021, 99, 45-46.	0.5	0
48	342 Effects of Maternal Nutrient Restriction During Late Gestation on Primiparous Dam Performance and Fetal Growth. <i>Journal of Animal Science</i> , 2021, 99, 190-190.	0.5	0
49	PSI-14 Effects of maternal nutrient restriction during late gestation on neonatal beef calf serum chemistry and complete blood cell count. <i>Journal of Animal Science</i> , 2021, 99, 280-280.	0.5	0
50	249 Effects of Maternal Nutrient Restriction During Late Gestation on Uterine Blood Flow and Placental Size in the Primiparous Bovine Dam. <i>Journal of Animal Science</i> , 2021, 99, 129-129.	0.5	0
51	525 Late-Breaking: Late Gestational Nutrient Restriction of Primiparous Beef Heifers Decreases Milk Yield and Pre-weaning Calf Growth. <i>Journal of Animal Science</i> , 2021, 99, 150-151.	0.5	0
52	Differential vascular reactivity of fetal and maternal placental arteries from melatonin treated nutrient-restricted sheep to endothelium-dependent and independent vasodilators. <i>FASEB Journal</i> , 2012, 26, 712.5.	0.5	0
53	0267 Locomotor activity changes in the final 72 h prepartum in multiparous beef cows. <i>Journal of Animal Science</i> , 2016, 94, 127-127.	0.5	0
54	71 The relationships of late gestational uterine artery blood flow with calf and placental size. <i>Journal of Animal Science</i> , 2020, 98, 48-49.	0.5	0

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55	PSIII-6 Effects of repeated freeze and thaw cycles on serum and plasma metabolite concentrations in beef cattle. <i>Journal of Animal Science</i> , 2020, 98, 234-234.	0.5	0
56	32 What determines placental size in beef cattle? The consideration of maternal and fetal factors. <i>Journal of Animal Science</i> , 2020, 98, 114-114.	0.5	0