

James L Klotz

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

425
citations

840776

11
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Activities and Effects of Ergot Alkaloids on Livestock Physiology and Production. <i>Toxins</i> , 2015, 7, 2801-2821.	3.4	120
2	Vasoactivity and Vasoconstriction Changes in Cattle Related to Time off Toxic Endophyte-Infected Tall Fescue. <i>Toxins</i> , 2016, 8, 271.	3.4	39
3	Cases of ergotism in livestock and associated ergot alkaloid concentrations in feed. <i>Frontiers in Chemistry</i> , 2015, 3, 8.	3.6	38
4	Isoflavone supplementation, via red clover hay, alters the rumen microbial community and promotes weight gain of steers grazing mixed grass pastures. <i>PLoS ONE</i> , 2020, 15, e0229200.	2.5	21
5	Ergot alkaloid exposure during gestation alters: II. Uterine and umbilical artery vasoactivity ¹ . <i>Journal of Animal Science</i> , 2019, 97, 1891-1902.	0.5	15
6	Ergot Alkaloid Induced Blood Vessel Dysfunction Contributes to Fescue Toxicosis. <i>Forage and Grazinglands</i> , 2009, 7, 1-7.	0.2	14
7	Development of a methodology to measure the effect of ergot alkaloids on forestomach motility using real-time wireless telemetry. <i>Frontiers in Chemistry</i> , 2014, 2, 90.	3.6	13
8	Ergot alkaloid exposure during gestation alters: 3. Fetal growth, muscle fiber development, and miRNA transcriptome ¹ . <i>Journal of Animal Science</i> , 2019, 97, 3153-3168.	0.5	13
9	Ergot alkaloid exposure during gestation alters. I. Maternal characteristics and placental development of pregnant ewes ¹ . <i>Journal of Animal Science</i> , 2019, 97, 1874-1890.	0.5	13
10	Ruminal motility, reticuloruminal fill, and eating patterns in steers exposed to ergovaline. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	12
11	Effect of biochanin A on the rumen microbial community of Holstein steers consuming a high fiber diet and subjected to a subacute acidosis challenge. <i>PLoS ONE</i> , 2021, 16, e0253754.	2.5	12
12	Interaction of Isoflavones and Endophyte-Infected Tall Fescue Seed Extract on Vasoactivity of Bovine Mesenteric Vasculature. <i>Frontiers in Nutrition</i> , 2015, 2, 32.	3.7	11
13	Effects of red clover isoflavones on tall fescue seed fermentation and microbial populations in vitro. <i>PLoS ONE</i> , 2018, 13, e0201866.	2.5	11
14	Effects of endophyte-infected tall fescue seed and red clover isoflavones on rumen microbial populations and physiological parameters of beef cattle ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 315-328.	1.1	11
15	Interaction of ergovaline with serotonin receptor 5-HT _{2A} in bovine ruminal and mesenteric vasculature ¹ . <i>Journal of Animal Science</i> , 2018, 96, 4912-4922.	0.5	10
16	Automated system for characterizing short-term feeding behavior and real-time forestomach motility in cattle. <i>Computers and Electronics in Agriculture</i> , 2019, 167, 105037.	7.7	9
17	Recent investigations of ergot alkaloids incorporated into plant and/or animal systems. <i>Frontiers in Chemistry</i> , 2015, 3, 23.	3.6	8
18	Effects of grazing different ergovaline concentrations on vasoactivity of bovine lateral saphenous vein ¹ . <i>Journal of Animal Science</i> , 2018, 96, 3022-3030.	0.5	8

#	ARTICLE	IF	CITATIONS
19	Feeding Tall Fescue Seed during Mid and Late Gestation Influences Subsequent Postnatal Growth, Puberty, and Carcass Quality of Offspring. <i>Animals</i> , 2020, 10, 1859.	2.3	8
20	Isolating and Using Sections of Bovine Mesenteric Artery and Vein as a Bioassay to Test for Vasoactivity in the Small Intestine. <i>Journal of Visualized Experiments</i> , 2014, , e52020.	0.3	6
21	Feeding Tall Fescue Seed Reduces Ewe Milk Production, Lamb Birth Weight and Pre-Weaning Growth Rate. <i>Animals</i> , 2020, 10, 2291.	2.3	6
22	Pharmacologic assessment of bovine ruminal and mesenteric vascular serotonin receptor populations. <i>Journal of Animal Science</i> , 2018, 96, 1570-1578.	0.5	4
23	Ergot alkaloids reduce circulating serotonin in the bovine. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	4
24	Synthetic Alkaloid Treatment Influences the Intestinal Epithelium and Mesenteric Adipose Transcriptome in Holstein Steers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 615.	2.2	4
25	Rumen and Serum Metabolomes in Response to Endophyte-Infected Tall Fescue Seed and Isoflavone Supplementation in Beef Steers. <i>Toxins</i> , 2020, 12, 744.	3.4	3
26	Global Impact of Ergot Alkaloids. <i>Toxins</i> , 2022, 14, 186.	3.4	3
27	Influence of Prolonged Serotonin and Ergovaline Pre-Exposure on Vasoconstriction Ex Vivo. <i>Toxins</i> , 2022, 14, 9.	3.4	3
28	Effects of Tall Fescue Endophyte Type and Dopamine Receptor D2 Genotype on Cow-Calf Performance during Late Gestation and Early Lactation. <i>Toxins</i> , 2021, 13, 195.	3.4	2
29	Evaluation of oral citrulline administration as a mitigation strategy for fescue toxicosis in sheep. <i>Translational Animal Science</i> , 2020, 4, txa197.	1.1	2
30	Effects of Bromocriptine on Glucose and Insulin Dynamics in Normal and Insulin Dysregulated Horses. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	2