

# James L Klotz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10925567/publications.pdf>

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	Global Impact of Ergot Alkaloids. <i>Toxins</i> , 2022, 14, 186.	3.4	3
2	Influence of Prolonged Serotonin and Ergovaline Pre-Exposure on Vasoconstriction Ex Vivo. <i>Toxins</i> , 2022, 14, 9.	3.4	3
3	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
4	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
5	Ruminal motility, reticuloruminal fill, and eating patterns in steers exposed to ergovaline. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	12
6	Ergot alkaloids reduce circulating serotonin in the bovine. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	4
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Ergot alkaloid exposure during gestation alters: 3. Fetal growth, muscle fiber development, and miRNA transcriptome1. <i>Journal of Animal Science</i> , 2019, 97, 3153-3168.	0.5	13
15	Effects of endophyte-infected tall fescue seed and red clover isoflavones on rumen microbial populations and physiological parameters of beef cattle1,2. <i>Translational Animal Science</i> , 2019, 3, 315-328.	1.1	11
16	Ergot alkaloid exposure during gestation alters. I. Maternal characteristics and placental development of pregnant ewes1. <i>Journal of Animal Science</i> , 2019, 97, 1874-1890.	0.5	13
17	Ergot alkaloid exposure during gestation alters: II. Uterine and umbilical artery vasoactivity1. <i>Journal of Animal Science</i> , 2019, 97, 1891-1902.	0.5	15
18	Interaction of ergovaline with serotonin receptor 5-HT2A in bovine ruminal and mesenteric vasculature1. <i>Journal of Animal Science</i> , 2018, 96, 4912-4922.	0.5	10

#	ARTICLE	IF	CITATIONS
19	Effects of red clover isoflavones on tall fescue seed fermentation and microbial populations in vitro. PLoS ONE, 2018, 13, e0201866.	2.5	11
20	Pharmacologic assessment of bovine ruminal and mesenteric vascular serotonin receptor populations. Journal of Animal Science, 2018, 96, 1570-1578.	0.5	4
21	Effects of grazing different ergovaline concentrations on vasoactivity of bovine lateral saphenous vein1. Journal of Animal Science, 2018, 96, 3022-3030.	0.5	8
22	Vasoactivity and Vasoconstriction Changes in Cattle Related to Time off Toxic Endophyte-Infected Tall Fescue. Toxins, 2016, 8, 271.	3.4	39
23	Activities and Effects of Ergot Alkaloids on Livestock Physiology and Production. Toxins, 2015, 7, 2801-2821.	3.4	120
24	Cases of ergotism in livestock and associated ergot alkaloid concentrations in feed. Frontiers in Chemistry, 2015, 3, 8.	3.6	38
25	Recent investigations of ergot alkaloids incorporated into plant and/or animal systems. Frontiers in Chemistry, 2015, 3, 23.	3.6	8
26	Interaction of Isoflavones and Endophyte-Infected Tall Fescue Seed Extract on Vasoactivity of Bovine Mesenteric Vasculature. Frontiers in Nutrition, 2015, 2, 32.	3.7	11
27	Development of a methodology to measure the effect of ergot alkaloids on forestomach motility using real-time wireless telemetry. Frontiers in Chemistry, 2014, 2, 90.	3.6	13
28	Isolating and Using Sections of Bovine Mesenteric Artery and Vein as a Bioassay to Test for Vasoactivity in the Small Intestine. Journal of Visualized Experiments, 2014, , e52020.	0.3	6
29	Ergot Alkaloid Induced Blood Vessel Dysfunction Contributes to Fescue Toxicosis. Forage and Grazinglands, 2009, 7, 1-7.	0.2	14
30	Effects of Bromocriptine on Glucose and Insulin Dynamics in Normal and Insulin Dysregulated Horses. Frontiers in Veterinary Science, 0, 9, .	2.2	2