

Ty E Lawrence

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

965
citations

18
h-index

27
g-index

78
ext. papers

1,115
ext. citations

1.7
avg, IF

3.62
L-index

#	Paper	IF	Citations
75	Exploratory observational quantification of liver abscess incidence, specific to region and cattle type, and their associations to viscera value and bacterial flora. <i>Applied Animal Science</i> , 2022 , 38, 170-182	1.2	1
74	Estimation of Pool Construction and Technical Error. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1091	3	1
73	Effects of corn stalk inclusion and tylosin on performance, rumination, ruminal papillae morphology, and gut pathogens associated with liver abscesses from finishing beef steers. <i>Livestock Science</i> , 2021 , 251, 104623	1.7	2
72	Relationship between live body condition score and carcass fat measures in equine. <i>Translational Animal Science</i> , 2020 , 4, txa179	1.4	1
71	Effects of corn stalk inclusion rate on rumination and ruminal pH in finishing beef steers. <i>Applied Animal Science</i> , 2020 , 36, 377-388	1.2	5
70	Assessment of changes in complete blood count and serum chemistry in fed Holstein steers with or without liver abscesses. <i>Applied Animal Science</i> , 2020 , 36, 256-264	1.2	1
69	Zilpaterol hydrochloride lowers marbling score by dilution of marbling and depression of intramuscular adipocyte volume in M. longissimus dorsi of beef steers. <i>Meat Science</i> , 2020 , 170, 108238	6.4	2
68	Carcass traits and consumer acceptability of striploin steaks from band-castrated, intratesticular zinc-injected, or sexually intact beef cattle. <i>Translational Animal Science</i> , 2019 , 3, 295-303	1.4	0
67	Zinc injection as a novel castration method in beef bulls: effects on performance, behavior, and testosterone and haptoglobin concentration. <i>Journal of Animal Science</i> , 2018 , 96, 890-901	0.7	4
66	Using advanced technologies to quantify beef cattle behavior. <i>Translational Animal Science</i> , 2018 , 2, 223-229	1.4	14
65	Estimation of carcass composition using rib dissection of calf-fed Holstein steers supplemented zilpaterol hydrochloride. <i>Journal of Animal Science</i> , 2018 , 96, 1396-1404	0.7	2
64	Carcass fabrication yields of beef steers supplemented zilpaterol hydrochloride and offered ad libitum or maintenance energy intake. <i>Journal of Animal Science</i> , 2018 , 96, 3173-3183	0.7	1
63	The effect of zilpaterol hydrochloride on beef producer and processor revenue of calf-fed Holstein steers. <i>Translational Animal Science</i> , 2018 , 2, 290-297	1.4	1
62	National Beef Quality Audit-2016: assessment of cattle hide characteristics, offal condemnations, and carcass traits to determine the quality status of the market cow and bull beef industry. <i>Translational Animal Science</i> , 2018 , 2, 37-49	1.4	3
61	Documentation of 50% water conservation in a single process at a beef abattoir. <i>Meat Science</i> , 2017 , 131, 183-186	6.4	
60	National Beef Quality Audit-2016: In-plant survey of carcass characteristics related to quality, quantity, and value of fed steers and heifers. <i>Journal of Animal Science</i> , 2017 , 95, 2993-3002	0.7	29
59	Fabrication yields of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , 2017 , 95, 1209-1218	0.7	3

58	Objective biometric measurements of calf-fed Holstein steers fed in confinement. <i>Journal of Animal Science</i> , 2017 , 95, 1205-1208	0.7	2
57	National Beef Quality Audit-2016: Transportation, mobility, live cattle, and carcass assessments of targeted producer-related characteristics that affect value of market cows and bulls, their carcasses, and associated by-products. <i>Translational Animal Science</i> , 2017 , 1, 570-584	1.4	13
56	National Beef Quality Audit-2016: Transportation, mobility, and harvest-floor assessments of targeted characteristics that affect quality and value of cattle, carcasses, and by-products. <i>Translational Animal Science</i> , 2017 , 1, 229-238	1.4	13
55	Post-mortem mechanical injection of low quality beef loins with pork back fat improves palatability and sensory attributes. <i>Meat Science</i> , 2017 , 123, 205-210	6.4	5
54	National Beef Quality Audit - 2016: Survey of carcass characteristics through instrument grading assessments. <i>Journal of Animal Science</i> , 2017 , 95, 3003-3011	0.7	8
53	Rapid Communication: Subclinical bovine respiratory disease - loci and pathogens associated with lung lesions in feedlot cattle. <i>Journal of Animal Science</i> , 2017 , 95, 2726-2731	0.7	10
52	National Beef Quality Audit 2016: In-plant survey of carcass characteristics related to quality, quantity, and value of fed steers and heifers. <i>Journal of Animal Science</i> , 2017 , 95, 2993	0.7	24
51	National Beef Quality Audit 2016: Survey of carcass characteristics through instrument grading assessments. <i>Journal of Animal Science</i> , 2017 , 95, 3003	0.7	6
50	Fabrication yields of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , 2017 , 95, 1209	0.7	2
49	Byproduct yields of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , 2016 , 94, 4006-4015	0.7	5
48	The effect of days on feed and zilpaterol hydrochloride supplementation on feeding behavior and live growth performance of Holstein steers. <i>Journal of Animal Science</i> , 2016 , 94, 2139-50	0.7	13
47	Carcass grading characteristics of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , 2016 , 94, 5129-5136	0.7	4
46	BILL E. KUNKLE INTERDISCIPLINARY BEEF SYMPOSIUM: Mineral Nutrition in Beef Cattle Production. <i>Journal of Animal Science</i> , 2016 , 94, 5393-5394	0.7	
45	The effect of zilpaterol hydrochloride supplementation on energy metabolism and nitrogen and carbon retention of steers fed at maintenance and fasting intake levels. <i>Journal of Animal Science</i> , 2016 , 94, 4401-4414	0.7	3
44	Comparison of tulathromycin and tilmicosin on the prevalence and severity of bovine respiratory disease in feedlot cattle in association with feedlot performance, carcass characteristics, and economic factors. <i>Journal of Animal Science</i> , 2014 , 92, 5203-13	0.7	30
43	Effects of wet corn distillers grains with solubles on visceral organ mass, trace mineral status, and polioencephalomalacia biomarkers of individually-fed cattle. <i>Journal of Animal Science</i> , 2014 , 92, 4034-46	0.7	2
42	Comparative effects of zilpaterol hydrochloride and ractopamine hydrochloride on live performance and carcass characteristics of calf-fed Holstein steers. <i>Journal of Animal Science</i> , 2014 , 92, 4217-22	0.7	7
41	Association of pro-melanin concentrating hormone genotype with beef carcass quality and yield. <i>Journal of Animal Science</i> , 2014 , 92, 325-31	0.7	5

40	The effect of supplementing zilpaterol hydrochloride on feeding performance and carcass characteristics of steers sorted by leptin genotype. <i>Journal of Animal Science</i> , 2014 , 92, 332-8	0.7	4
39	Effect of leptin genotype and zilpaterol hydrochloride supplementation on the growth rate and carcass characteristics of finishing steers. <i>Canadian Journal of Animal Science</i> , 2013 , 93, 199-204	0.9	6
38	Alternative pre-rigor foreshank positioning can improve beef shoulder muscle tenderness. <i>Meat Science</i> , 2013 , 95, 36-41	6.4	0
37	Evaluation of management techniques to conserve water in a mechanical head wash blood removal system. <i>Meat Science</i> , 2013 , 95, 549-54	6.4	1
36	Survey of transportation procedures, management practices, and health assessment related to quality, quantity, and value for market beef and dairy cows and bulls. <i>Journal of Animal Science</i> , 2013 , 91, 5026-36	0.7	21
35	Effects of 35% corn wet distillers grains plus solubles in steam-flaked and dry-rolled corn-based finishing diets on animal performance, carcass characteristics, beef fatty acid composition, and sensory attributes. <i>Journal of Animal Science</i> , 2013 , 91, 1850-65	0.7	14
34	Effects of estradiol benzoate and trenbolone acetate, alone or in combination at dose levels present in Synovex Choice, on performance by feedlot heifers. <i>Journal of Animal Science</i> , 2013 , 91, 970-7	0.7	8
33	Effects of zilpaterol hydrochloride and days on the finishing diet on feedlot performance, carcass characteristics, and tenderness in beef heifers. <i>Journal of Animal Science</i> , 2012 , 90, 3301-11	0.7	46
32	Feeding performance, carcass characteristics, and tenderness attributes of steers sorted by the Igenity tenderness panel and fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , 2012 , 90, 4140-7	0.7	12
31	Synovex Plus implants coated with a polymeric, porous film improve performance of beef steers and heifers fed in confinement for up to 200 days. <i>Journal of Animal Science</i> , 2012 , 90, 5056-66	0.7	6
30	Use of dried distillers grains throughout a beef production system: effects on stocker and finishing performance, carcass characteristics, and fatty acid composition of beef. <i>Journal of Animal Science</i> , 2012 , 90, 2381-93	0.7	11
29	National Beef Quality Audit-2011: In-plant survey of targeted carcass characteristics related to quality, quantity, value, and marketing of fed steers and heifers. <i>Journal of Animal Science</i> , 2012 , 90, 5143-51	0.7	53
28	National Beef Quality Audit-2011: Survey of instrument grading assessments of beef carcass characteristics. <i>Journal of Animal Science</i> , 2012 , 90, 5152-8	0.7	18
27	Quantification of saleable meat yield using objective measurements captured by video image analysis technology. <i>Journal of Animal Science</i> , 2012 , 90, 3294-300	0.7	2
26	National Beef Quality Audit-2011: Harvest-floor assessments of targeted characteristics that affect quality and value of cattle, carcasses, and byproducts. <i>Journal of Animal Science</i> , 2012 , 90, 5135-42	0.7	30
25	Technical note: feeding zilpaterol hydrochloride to calf-fed Holstein steers improves muscle conformation of top loin steaks. <i>Meat Science</i> , 2011 , 88, 209-11	6.4	7
24	Innovative retail merchandising strategies to accommodate for the growing trend of heavier carcass weights in the United States. <i>Meat Science</i> , 2011 , 88, 610-8	6.4	2
23	Zilpaterol improves feeding performance and fabrication yield of concentrate-finished cull cows. <i>Journal of Animal Science</i> , 2011 , 89, 2170-5	0.7	19

22	Effects of zilpaterol hydrochloride on retail yields of subprimals from beef and calf-fed Holstein steers. <i>Journal of Animal Science</i> , 2011 , 89, 2867-77	0.7	8
21	PRE-RIGOR MANIPULATION OF BEEF FORESHANK ALTERS SARCOMERE LENGTH OF INDIVIDUAL CHUCK MUSCLES. <i>Journal of Muscle Foods</i> , 2010 , 21, 627-635		1
20	Association of liver abnormalities with carcass grading performance and value. <i>Journal of Animal Science</i> , 2010 , 88, 4037-43	0.7	60
19	Effects of zilpaterol hydrochloride feeding duration on beef and calf-fed Holstein strip loin steak color. <i>Journal of Animal Science</i> , 2010 , 88, 1168-83	0.7	13
18	Predicting red meat yields in carcasses from beef-type and calf-fed Holstein steers using the United States Department of Agriculture calculated yield grade. <i>Journal of Animal Science</i> , 2010 , 88, 2139-43	0.7	14
17	Effect of zilpaterol hydrochloride supplementation on cutability and subprimal yield of beef steer carcasses. <i>Journal of Animal Science</i> , 2010 , 88, 1817-22	0.7	14
16	Use of cluster analysis and preference mapping to evaluate consumer acceptability of choice and select bovine M. longissimus lumborum steaks cooked to various end-point temperatures. <i>Meat Science</i> , 2010 , 84, 46-53	6.4	19
15	Conservation of water for washing beef heads at harvest. <i>Meat Science</i> , 2010 , 84, 371-6	6.4	2
14	Prediction of beef carcass salable yield and trimmable fat using bioelectrical impedance analysis. <i>Meat Science</i> , 2010 , 84, 449-54	6.4	9
13	Effects of supplementing feedlot steers and heifers with zilpaterol hydrochloride on Warner-Bratzler shear force interrelationships of steer and heifer longissimus lumborum and heifer triceps brachii and gluteus medius muscles aged for 7, 14 and 21d. <i>Meat Science</i> , 2010 , 85, 347-55	6.4	11
12	Effects of zilpaterol hydrochloride feeding duration and postmortem aging on Warner-Bratzler shear force of three muscles from beef steers and heifers. <i>Journal of Animal Science</i> , 2009 , 87, 3764-9	0.7	21
11	The effect of zilpaterol hydrochloride on meat quality of calf-fed Holstein steers. <i>Journal of Animal Science</i> , 2009 , 87, 3730-8	0.7	23
10	Acyl-homoserine-lactone autoinducer in the gastrointestinal [corrected] tract of feedlot cattle and correlation to season, E. coli O157:H7 prevalence, and diet. <i>Current Microbiology</i> , 2009 , 58, 227-32	2.4	21
9	An exploratory observational study to develop an improved method for quantifying beef carcass salable meat yield. <i>Meat Science</i> , 2009 , 82, 143-50	6.4	11
8	Effects of zilpaterol hydrochloride on growth rates, feed conversion, and carcass traits in calf-fed Holstein steers. <i>Journal of Animal Science</i> , 2009 , 87, 4092-100	0.7	34
7	Effect of zilpaterol hydrochloride duration of feeding on performance and carcass characteristics of feedlot cattle. <i>Journal of Animal Science</i> , 2009 , 87, 2133-41	0.7	66
6	Effects of feeding zilpaterol hydrochloride for twenty to forty days on carcass cutability and subprimal yield of calf-fed Holstein steers. <i>Journal of Animal Science</i> , 2009 , 87, 3722-9	0.7	21
5	Development of a New Software Product from a Classroom Project 2008 ,		2

4	National Beef Quality Audit-2005: survey of targeted cattle and carcass characteristics related to quality, quantity, and value of fed steers and heifers. <i>Journal of Animal Science</i> , 2008 , 86, 3533-43	0.7	88
3	Technical note: the United States Department of Agriculture beef yield grade equation requires modification to reflect the current longissimus muscle area to hot carcass weight relationship. <i>Journal of Animal Science</i> , 2008 , 86, 1434-8	0.7	9
2	Mechanical measures of uncooked beef longissimus muscle can predict sensory panel tenderness and Warner-Bratzler shear force of cooked steaks. <i>Journal of Animal Science</i> , 2003 , 81, 1721-7	0.7	8
1	A comparison of the USDA ossification-based maturity system to a system based on dentition. <i>Journal of Animal Science</i> , 2001 , 79, 1683-90	0.7	26