

# Ty E Lawrence

## List of Publications by Citations

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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	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> , <b>2008</b> , 86, 3533-43	0.7	88
74	Effect of zilpaterol hydrochloride duration of feeding on performance and carcass characteristics of feedlot cattle. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 2133-41	0.7	66
73	Association of liver abnormalities with carcass grading performance and value. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 4037-43	0.7	60
72	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> , <b>2012</b> , 90, 5143-51	0.7	53
71	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> , <b>2012</b> , 90, 3301-11	0.7	46
70	Effects of zilpaterol hydrochloride on growth rates, feed conversion, and carcass traits in calf-fed Holstein steers. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 4092-100	0.7	34
69	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> , <b>2014</b> , 92, 5203-13	0.7	30
68	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> , <b>2012</b> , 90, 5135-42	0.7	30
67	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> , <b>2017</b> , 95, 2993-3002	0.7	29
66	A comparison of the USDA ossification-based maturity system to a system based on dentition. <i>Journal of Animal Science</i> , <b>2001</b> , 79, 1683-90	0.7	26
65	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> , <b>2017</b> , 95, 2993	0.7	24
64	The effect of zilpaterol hydrochloride on meat quality of calf-fed Holstein steers. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 3730-8	0.7	23
63	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> , <b>2013</b> , 91, 5026-36	0.7	21
62	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> , <b>2009</b> , 87, 3764-9	0.7	21
61	Acyl-homoserine-lactone autoinducer in the gastrointestinal [corrected] tract of feedlot cattle and correlation to season, <i>E. coli</i> O157:H7 prevalence, and diet. <i>Current Microbiology</i> , <b>2009</b> , 58, 227-32	2.4	21
60	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> , <b>2009</b> , 87, 3722-9	0.7	21
59	Use of cluster analysis and preference mapping to evaluate consumer acceptability of choice and select bovine <i>M. longissimus lumborum</i> steaks cooked to various end-point temperatures. <i>Meat Science</i> , <b>2010</b> , 84, 46-53	6.4	19

58	Zilpaterol improves feeding performance and fabrication yield of concentrate-finished cull cows. <i>Journal of Animal Science</i> , <b>2011</b> , 89, 2170-5	0.7	19
57	National Beef Quality Audit-2011: Survey of instrument grading assessments of beef carcass characteristics. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 5152-8	0.7	18
56	Using advanced technologies to quantify beef cattle behavior. <i>Translational Animal Science</i> , <b>2018</b> , 2, 223-229	1.4	14
55	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> , <b>2013</b> , 91, 1850-65	0.7	14
54	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> , <b>2010</b> , 88, 2139-43	0.7	14
53	Effect of zilpaterol hydrochloride supplementation on cutability and subprimal yield of beef steer carcasses. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 1817-22	0.7	14
52	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> , <b>2017</b> , 1, 570-584	1.4	13
51	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> , <b>2017</b> , 1, 229-238	1.4	13
50	Effects of zilpaterol hydrochloride feeding duration on beef and calf-fed Holstein strip loin steak color. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 1168-83	0.7	13
49	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> , <b>2016</b> , 94, 2139-50	0.7	13
48	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> , <b>2012</b> , 90, 4140-7	0.7	12
47	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> , <b>2012</b> , 90, 2381-93	0.7	11
46	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> , <b>2010</b> , 85, 347-55	6.4	11
45	An exploratory observational study to develop an improved method for quantifying beef carcass salable meat yield. <i>Meat Science</i> , <b>2009</b> , 82, 143-50	6.4	11
44	Rapid Communication: Subclinical bovine respiratory disease - loci and pathogens associated with lung lesions in feedlot cattle. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 2726-2731	0.7	10
43	Prediction of beef carcass salable yield and trimmable fat using bioelectrical impedance analysis. <i>Meat Science</i> , <b>2010</b> , 84, 449-54	6.4	9
42	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> , <b>2008</b> , 86, 1434-8	0.7	9
41	National Beef Quality Audit - 2016: Survey of carcass characteristics through instrument grading assessments. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 3003-3011	0.7	8

40	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> , <b>2013</b> , 91, 970-7	0.7	8
39	Effects of zilpaterol hydrochloride on retail yields of subprimals from beef and calf-fed Holstein steers. <i>Journal of Animal Science</i> , <b>2011</b> , 89, 2867-77	0.7	8
38	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> , <b>2003</b> , 81, 1721-7	0.7	8
37	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> , <b>2014</b> , 92, 4217-22	0.7	7
36	Technical note: feeding zilpaterol hydrochloride to calf-fed Holstein steers improves muscle conformation of top loin steaks. <i>Meat Science</i> , <b>2011</b> , 88, 209-11	6.4	7
35	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> , <b>2013</b> , 93, 199-204	0.9	6
34	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> , <b>2012</b> , 90, 5056-66	0.7	6
33	National Beef Quality Audit 2016: Survey of carcass characteristics through instrument grading assessments. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 3003	0.7	6
32	Post-mortem mechanical injection of low quality beef loins with pork back fat improves palatability and sensory attributes. <i>Meat Science</i> , <b>2017</b> , 123, 205-210	6.4	5
31	Association of pro-melanin concentrating hormone genotype with beef carcass quality and yield. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 325-31	0.7	5
30	Effects of corn stalk inclusion rate on rumination and ruminal pH in finishing beef steers. <i>Applied Animal Science</i> , <b>2020</b> , 36, 377-388	1.2	5
29	Byproduct yields of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 4006-4015	0.7	5
28	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> , <b>2018</b> , 96, 890-901	0.7	4
27	The effect of supplementing zilpaterol hydrochloride on feeding performance and carcass characteristics of steers sorted by leptin genotype. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 332-8	0.7	4
26	Carcass grading characteristics of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 5129-5136	0.7	4
25	Fabrication yields of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 1209-1218	0.7	3
24	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> , <b>2016</b> , 94, 4401-4414	0.7	3
23	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> , <b>2018</b> , 2, 37-49	1.4	3

22	Objective biometric measurements of calf-fed Holstein steers fed in confinement. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 1205-1208	0.7	2
21	Estimation of carcass composition using rib dissection of calf-fed Holstein steers supplemented zilpaterol hydrochloride. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 1396-1404	0.7	2
20	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> , <b>2014</b> , 92, 4034-46	0.7	2
19	Quantification of saleable meat yield using objective measurements captured by video image analysis technology. <i>Journal of Animal Science</i> , <b>2012</b> , 90, 3294-300	0.7	2
18	Innovative retail merchandising strategies to accommodate for the growing trend of heavier carcass weights in the United States. <i>Meat Science</i> , <b>2011</b> , 88, 610-8	6.4	2
17	Conservation of water for washing beef heads at harvest. <i>Meat Science</i> , <b>2010</b> , 84, 371-6	6.4	2
16	Development of a New Software Product from a Classroom Project <b>2008</b> ,		2
15	Fabrication yields of serially harvested calf-fed Holstein steers fed zilpaterol hydrochloride. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 1209	0.7	2
14	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> , <b>2020</b> , 170, 108238	6.4	2
13	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> , <b>2021</b> , 251, 104623	1.7	2
12	Relationship between live body condition score and carcass fat measures in equine. <i>Translational Animal Science</i> , <b>2020</b> , 4, txaa179	1.4	1
11	Carcass fabrication yields of beef steers supplemented zilpaterol hydrochloride and offered ad libitum or maintenance energy intake. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 3173-3183	0.7	1
10	Evaluation of management techniques to conserve water in a mechanical head wash blood removal system. <i>Meat Science</i> , <b>2013</b> , 95, 549-54	6.4	1
9	PRE-RIGOR MANIPULATION OF BEEF FORESHANK ALTERS SARCOMERE LENGTH OF INDIVIDUAL CHUCK MUSCLES. <i>Journal of Muscle Foods</i> , <b>2010</b> , 21, 627-635		1
8	Estimation of Pool Construction and Technical Error. <i>Agriculture (Switzerland)</i> , <b>2021</b> , 11, 1091	3	1
7	Assessment of changes in complete blood count and serum chemistry in fed Holstein steers with or without liver abscesses. <i>Applied Animal Science</i> , <b>2020</b> , 36, 256-264	1.2	1
6	The effect of zilpaterol hydrochloride on beef producer and processor revenue of calf-fed Holstein steers. <i>Translational Animal Science</i> , <b>2018</b> , 2, 290-297	1.4	1
5	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> , <b>2022</b> , 38, 170-182	1.2	1

4	Carcass traits and consumer acceptability of striploin steaks from band-castrated, intratesticular zinc-injected, or sexually intact beef cattle. <i>Translational Animal Science</i> , <b>2019</b> , 3, 295-303	1.4	○
3	Alternative pre-rigor foreshank positioning can improve beef shoulder muscle tenderness. <i>Meat Science</i> , <b>2013</b> , 95, 36-41	6.4	○
2	Documentation of 50% water conservation in a single process at a beef abattoir. <i>Meat Science</i> , <b>2017</b> , 131, 183-186	6.4	
1	BILL E. KUNKLE INTERDISCIPLINARY BEEF SYMPOSIUM: Mineral Nutrition in Beef Cattle Production. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 5393-5394	0.7	