Jason C Woodworth

List of Publications by Year
in descending order

132	1,020	643344 15	685536 24
papers	citations	h-index	g-index

132	132	132	810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of mixing and feed batch sequencing on the prevalence and distribution of African swine fever virus in swine feed. Transboundary and Emerging Diseases, 2022, 69, 115-120.	1.3	5
2	Sampling and detection of African swine fever virus within a feed manufacturing and swine production system. Transboundary and Emerging Diseases, 2022, 69, 103-114.	1.3	13
3	Using caloric efficiency to estimate the net energy value of expelled, extruded soybean meal relative to dehulled, solvent-extracted soybean meal and its effects on growth performance of nursery pigs. Translational Animal Science, 2022, 6, txac003.	0.4	0
4	A review of branched-chain amino acids in lactation diets on sow and litter growth performance. Translational Animal Science, 2022, 6, txac017.	0.4	4
5	Developing a gateway program for importing nonâ€animal origin ingredients from regions with African swine fever virus. Transboundary and Emerging Diseases, 2022, , .	1.3	1
6	A meta-regression analysis to evaluate the influence of branched-chain amino acids in lactation diets on sow and litter growth performance. Journal of Animal Science, 2022, 100, .	0.2	0
7	Effects of yeast-based pre- and probiotics in lactation diets of sows on litter performance and antimicrobial resistance of fecal Escherichia coli of sows. Journal of Animal Science, 2022, , .	0.2	1
8	Influence of yeast-based pre- and probiotics in lactation and nursery diets on nursery pig performance and antimicrobial resistance of fecal Escherichia coli. Journal of Animal Science, 2022, 100, .	0.2	8
9	Evaluation of essential fatty acids in lactating sow diets on sow reproductive performance, colostrum and milk composition, and piglet survivability. Journal of Animal Science, 2022, , .	0.2	7
10	Effects of standardized ileal digestible lysine on growth performance and economic return in duroc-sired finishing pigs. Translational Animal Science, 2022, 6, .	0.4	1
11	Gilt development to improve offspring performance and survivability. Journal of Animal Science, 2022, 100, .	0.2	2
12	Slowing pig growth during COVID-19, models for use in future market fluctuations. Animal Frontiers, 2021, 11, 23-27.	0.8	9
13	Effects of high-protein distillers dried grains on growth performance of nursery pigs. Translational Animal Science, 2021, 5, txab028.	0.4	3
14	Improving performance of finishing pigs with added valine, isoleucine, and tryptophan: validating a meta-analysis model. Journal of Animal Science, 2021, 99, .	0.2	11
15	Evaluation of nutritional strategies to slow growth rate then induce compensatory growth in 90-kg finishing pigs. Translational Animal Science, 2021, 5, txab037.	0.4	6
16	Influence of particle size of Enogen Feed corn and conventional yellow dent corn on lactating sow performance1. Translational Animal Science, 2021, 5, txab035.	0.4	0
17	Effects of iron injection timing on suckling and subsequent nursery and growing-finishing performance and hematological criteria. Journal of Animal Science, 2021, 99, .	0.2	1
18	Evaluation of high-protein distillers dried grains on growth performance and carcass characteristics of growing-finishing pigs. Translational Animal Science, 2021, 5, txab038.	0.4	2

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19	Effects of feeding diets containing low crude protein and coarse wheat bran as alternatives to zinc oxide in nursery pig diets. Journal of Animal Science, 2021, 99, .	0.2	7
20	Evaluation of Enogen Feed Corn on growth performance and carcass characteristics of finishing pigs. Translational Animal Science, 2021, 5, txab052.	0.4	1
21	Influence of Enogen Feed corn and conventional yellow dent corn in pelleted or meal-based diets on finishing pig performance and carcass characteristics. Translational Animal Science, 2021, 5, txab092.	0.4	0
22	Determining the effects of manganese source and level on growth performance and carcass characteristics of growingâ€“finishing pigs. Translational Animal Science, 2021, 5, txab067.	0.4	6
23	PSIV-15 Influence of Particle Size of Enogen Feed Corn and Conventional Yellow Dent Corn on Lactating Sow Performance. Journal of Animal Science, 2021, 99, 182-183.	0.2	0
24	94 The Effects of Dietary Crude Protein, Acidifier, and Pharmacological Levels of Zinc on Growth Performance of Nursery Pigs. Journal of Animal Science, 2021, 99, 47-48.	0.2	0
25	PSVI-7 Evaluation of Feed Mitigant Efficacy for Control of Porcine Epidemic Diarrhea Virus and Porcine Reproductive and Respiratory Syndrome Virus When Inoculated Either Alone or Together. Journal of Animal Science, 2021, 99, 217-218.	0.2	0
26	165 Effects of Digestible Lysine Level on Growth Performance and Economics of Grow-finish Pigs. Journal of Animal Science, 2021, 99, 58-59.	0.2	0
27	28 In-feed or In-water Antibiotic Administration Did Not Influence the Fecal Prevalence and Antimicrobial Susceptibility Profiles of Salmonella in Piglets. Journal of Animal Science, 2021, 99, 26-27.	0.2	1
28	184 Evaluation of Aviplus on Growth Performance of Nursery and Growing-finishing Pigs. Journal of Animal Science, 2021, 99, 89-90.	0.2	0
29	199 Effect of the Pelleting Process on Diet Formulations with Varying Levels of Crystalline Amino Acids and Reducing Sugars on Digestibility in Growing Pigs. Journal of Animal Science, 2021, 99, 66-67.	0.2	0
30	214 Effects of Reducing Digestible Lysine and Tryptophan to Lysine Ratio on Growth Performance of Grow-finish Pigs. Journal of Animal Science, 2021, 99, 82-83.	0.2	1
31	29 Live Yeast and Yeast Extracts with and Without Pharmacological Levels of Zinc on Nursery Pig Growth Performance and Fecal Escherichia coli Antimicrobial Resistance. Journal of Animal Science, 2021, 99, 28-29.	0.2	3
32	36 Evaluation of Compensatory Growth of 90-kg Finishing Pigs Previously Fed a Low Lysine Diet. Journal of Animal Science, 2021, 99, 32-33.	0.2	0
33	245 Evaluation of Cellulose in Diets with and Without Added Zno on Nursery Pig Performance. Journal of Animal Science, 2021, 99, 92-93.	0.2	0
34	140 Influence of Enogen Feed Corn and Conventional Yellow Dent Corn in Pelleted or Meal-based Diets on Finishing Pig Performance and Carcass Characteristics. Journal of Animal Science, 2021, 99, 71-71.	0.2	0
35	PSIII-15 Effect of the Pelleting Process on Diet Formulations with Varying Levels of Crystalline AA and Reducing Sugars on Nursery Pig Growth Performance. Journal of Animal Science, 2021, 99, 171-172.	0.2	0
36	133 Influence of Particle Size of Enogen Feed Corn and Conventional Yellow Dent Corn on Nursery and Finishing Pig Performance, Carcass Characteristics and Stomach Morphology. Journal of Animal Science, 2021, 99, 75-76.	0.2	0

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37	264 Effects of Low Dietary Crude Protein Diets Containing Coarse Wheat Bran as an Alternative to Zinc Oxide in Nursery Pig Diets. Journal of Animal Science, 2021, 99, 96-97.	0.2	0
38	138 Effects of Increasing Soybean Meal in Corn-based Diets on Growth Performance of Late-finishing Pigs. Journal of Animal Science, 2021, 99, 70-71.	0.2	1
39	PSIV-14 Influence of Feed Grade Amino Acid Inclusion Level in Late Nursery and Grower Diets Fed to Pigs from 10 to 35 Kg. Journal of Animal Science, 2021, 99, 181-182.	0.2	0
40	244 Effect of Fiber Source and Crude Protein Level on Nursery Pig Performance. Journal of Animal Science, 2021, 99, 94-95.	0.2	0
41	PSVI-8 Meta-regression Analysis to Determine the Relationship Between Growing Pig Body Weight and Variation. Journal of Animal Science, 2021, 99, 218-219.	0.2	0
42	PSVI-4 Efficacy of Medium Chain Fatty Acids and Fatty Acid-based Feed Additives as a Mitigation Strategy Against Porcine Epidemic Diarrhea Virus and Porcine Reproductive and Respiratory Syndrome Virus. Journal of Animal Science, 2021, 99, 216-217.	0.2	0
43	PSIV-16 Evaluation of Nutritional Strategies to Reduce Growth Rate of Pigs Beyond 90-kg Body Weight. Journal of Animal Science, 2021, 99, 183-184.	0.2	1
44	Effects of dietary chromium propionate and space allowance on performance and carcass responses of growing-finishing pigs. Translational Animal Science, 2021, 5, txab112.	0.4	1
45	Determining the phosphorus release of GraINzyme phytase in diets for nursery pigs. Translational Animal Science, 2021, 5, txab105.	0.4	3
46	Modeling standardized ileal digestible lysine requirements during gestation on gilts and sows. Livestock Science, 2021, 248, 104500.	0.6	3
47	A Meta-Analysis to Understand the Relationship between Pig Body Weight and Variation from Birth to Market. Animals, 2021, 11, 2088.	1.0	3
48	Effect of cleaning corn on mycotoxin concentration and nursery pig growth performance. Translational Animal Science, 2021, 5, txab134.	0.4	2
49	Effects of increasing standardized ileal digestible lysine during gestation on reproductive performance of gilts and sows. Animal, 2021, 15, 100221.	1.3	8
50	Using environmental sampling to evaluate the effectiveness of decontamination methods to reduce detection of porcine epidemic diarrhea virus RNA on feed manufacturing surfaces. Translational Animal Science, 2021, 5, txab121.	0.4	3
51	The influence of particle size of Enogen Feed corn and conventional yellow dent corn on nursery and finishing pig performance, carcass characteristics and stomach morphology. Translational Animal Science, 2021, 5, txab120.	0.4	1
52	Evaluating the distribution of African swine fever virus within a feed mill environment following manufacture of inoculated feed. PLoS ONE, 2021, 16, e0256138.	1.1	8
53	Effects of Grinding Corn with Different Moisture Content on Subsequent Particle Size and Flowability. Processes, 2021, 9, 1372.	1.3	3
54	Assessment of soyâ€based imports into the United States and associated foreign animal disease status. Transboundary and Emerging Diseases, 2021, , .	1.3	6

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55	The effects of pharmacological levels of zinc, diet acidification and dietary crude protein on growth performance on nursery pigs. Journal of Animal Science, 2021, 99, .	0.2	0
56	Evaluation of microencapsulated organic acids and botanicals on growth performance of nursery and growing-finishing pigs. Translational Animal Science, 2021, 5, txab205.	0.4	3
57	Live yeast and yeast extracts with and without pharmacological levels of zinc on nursery pig growth performance and antimicrobial susceptibilities of fecal Escherichia coli. Journal of Animal Science, 2021, 99, .	0.2	8
58	Effect of fiber source and crude protein level on nursery pig performance and fecal microbial communities. Journal of Animal Science, 2021, 99, .	0.2	3
59	Effects of amino acid biomass or feed-grade amino acids on growth performance of growing swine and poultry12. Translational Animal Science, 2020, 4, 49-58.	0.4	5
60	The effects of dietary soybean hulls particle size and diet form on nursery and finishing pig performance1. Translational Animal Science, 2020, 4, 22-33.	0.4	1
61	Effect of dietary medium-chain fatty acids on nursery pig growth performance, fecal microbial composition, and mitigation properties against porcine epidemic diarrhea virus following storage. Journal of Animal Science, 2020, 98, .	0.2	30
62	Phase-feeding strategies based on lysine specifications for grow-finish pigs1. Journal of Animal Science, 2020, 98, .	0.2	8
63	Assessing current phytase release values for calcium, phosphorus, amino acids, and energy in diets for growing-finishing pigs12. Translational Animal Science, 2020, 4, 558-568.	0.4	2
64	Effects of soybean meal level on growth performance of 11- to 25-kg nursery pigs12. Translational Animal Science, 2020, 4, 694-707.	0.4	2
65	Determining the phosphorus release of Smizyme TS G5 2,500 phytase in diets for nursery pigs. Translational Animal Science, 2020, 4, txaa058.	0.4	7
66	Effects of space allowance and marketing strategy on growth performance of pigs raised to 165 kg. Translational Animal Science, 2020, 4, 1252-1262.	0.4	2
67	Effects of timing and size of meals prior to farrowing on sow and litter performance. Translational Animal Science, 2020, 4, 724-736.	0.4	22
68	Effects of switching from corn distillers dried grains with solubles- to corn- and soybean meal-based diets on finishing pig performance, carcass characteristics, and carcass fatty acid composition. Translational Animal Science, 2020, 4, 715-723.	0.4	2
69	Effects of Fumonisin-Contaminated Corn on Growth Performance of 9 to 28 kg Nursery Pigs. Toxins, 2020, 12, 604.	1.5	17
70	Effects of increasing Fe dosage in newborn pigs on suckling and subsequent nursery performance and hematological and immunological criteria. Journal of Animal Science, 2020, 98, .	0.2	9
71	Relationship between weaning age and antibiotic usage on pig growth performance and mortality. Journal of Animal Science, 2020, 98, .	0.2	10
72	Technical Note: Assessment of two methods for estimating bone ash in pigs. Journal of Animal Science, 2020, 98, .	0.2	9

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73	Effects of corn distillers dried grains with solubles in finishing diets on pig growth performance and carcass yield with two different marketing strategies. Translational Animal Science, 2020, 4, 737-749.	0.4	3
74	Postweaning mortality in commercial swine production II: review of infectious contributing factors. Translational Animal Science, 2020, 4, 485-506.	0.4	24
75	Estimate of the energy value of soybean meal relative to corn based on growth performance of nursery pigs. Journal of Animal Science and Biotechnology, 2020, 11, 70.	2.1	13
76	Postweaning mortality in commercial swine production. I: review of non-infectious contributing factors. Translational Animal Science, 2020, 4, 462-484.	0.4	24
77	A review of strategies to impact swine feed biosecurity. Animal Health Research Reviews, 2020, 21, 61-68.	1.4	13
78	A review of compensatory growth following lysine restriction in grow-finish pigs1. Translational Animal Science, 2020, 4, 531-547.	0.4	16
79	Effects of soybean meal concentration in lactating sow diets on sow and litter performance and blood criteria1. Translational Animal Science, 2020, 4, 594-601.	0.4	5
80	Sow and piglet traits associated with piglet survival at birth and to weaning. Journal of Animal Science, 2020, 98, .	0.2	15
81	Effects of feeding increasing levels of iron from iron sulfate or iron carbonate on nursery pig growth performance and hematological criteria. Journal of Animal Science, 2020, 98, .	0.2	2
82	Impact of added copper, alone or in combination with chlortetracycline, on growth performance and antimicrobial resistance of fecal enterococci of weaned piglets. Journal of Animal Science, 2020, 98, .	0.2	10
83	Evaluation of different blends of medium-chain fatty acids, lactic acid, and monolaurin on nursery pig growth performance12. Translational Animal Science, 2020, 4, 548-557.	0.4	9
84	Nutritional evaluation of different varieties of sorghum and the effects on nursery pig growth performance. Journal of Animal Science, 2020, 98, .	0.2	11
85	Effects of increased lysine and energy feeding duration prior to parturition on sow and litter performance, piglet survival, and colostrum quality. Journal of Animal Science, 2020, 98, .	0.2	12
86	Effects of medium chain fatty acids as a mitigation or prevention strategy against porcine epidemic diarrhea virus in swine feed. Journal of Animal Science, 2020, 98, .	0.2	13
87	Efficacy of commercial products on nursery pig growth performance fed diets with fumonisin contaminated corn. Translational Animal Science, 2020, 4, txaa217.	0.4	6
88	Calcium to phosphorus ratio requirement of 26- to 127-kg pigs fed diets with or without phytase1,2. Journal of Animal Science, 2019, 97, 4041-4052.	0.2	8
89	Effects of standardized total tract digestible phosphorus on growth performance of 11- to 23-kg pigs fed diets with or without phytase1,2. Journal of Animal Science, 2019, 97, 4032-4040.	0.2	6
90	Standardized total tract digestible phosphorus requirement of 24- to 130-kg pigs1,2. Journal of Animal Science, 2019, 97, 4023-4031.	0.2	13

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91	Effects of Bacillus subtilis C-3102 on sow and progeny performance, fecal consistency, and fecal microbes during gestation, lactation, and nursery periods1,2. Journal of Animal Science, 2019, 97, 3920-3937.	0.2	23
92	Branched-chain amino acid interactions in growing pig diets1. Translational Animal Science, 2019, 3, 1246-1253.	0.4	24
93	Determining the influence of chromium propionate and Yucca schidigera on growth performance and carcass composition of pigs housed in a commercial environment1. Translational Animal Science, 2019, 3, 1275-1285.	0.4	6
94	Regression analysis to predict the impact of dietary neutral detergent fiber on carcass yield in swine1. Translational Animal Science, 2019, 3, 1270-1274.	0.4	6
95	Diet formulation method influences the response to increasing net energy in finishing pigs1. Translational Animal Science, 2019, 3, 1349-1358.	0.4	9
96	Effects of increasing copper from either copper sulfate or combinations of copper sulfate and a copperâ€“amino acid complex on finishing pig growth performance and carcass characteristics1,2. Translational Animal Science, 2019, 3, 1263-1269.	0.4	10
97	Effects of Tylosin Administration Routes on the Prevalence of Antimicrobial Resistance Among Fecal Enterococci of Finishing Swine. Foodborne Pathogens and Disease, 2019, 16, 309-316.	0.8	4
98	Effects of increasing dietary zinc on growth performance and carcass characteristics of pigs raised under commercial conditions1,2. Translational Animal Science, 2019, 3, 731-736.	0.4	5
99	Effects of zinc source and level on growth performance and carcass characteristics of finishing pigs1,2. Translational Animal Science, 2019, 3, 742-748.	0.4	7
100	Effects of increasing copper from tri-basic copper chloride or a copper-methionine chelate on growth performance of nursery pigs1,2. Translational Animal Science, 2019, 3, 369-376.	0.4	5
101	Infectious Dose of African Swine Fever Virus When Consumed Naturally in Liquid or Feed. Emerging Infectious Diseases, 2019, 25, 891-897.	2.0	123
102	Meta-regression analysis to predict the influence of branched-chain and large neutral amino acids on growth performance of pigs1. Journal of Animal Science, 2019, 97, 2505-2514.	0.2	22
103	Effects of sodium metabisulfite additives on nursery pig growth. Translational Animal Science, 2019, 3, 103-112.	0.4	5
104	Strategy to blend leftover finisher feed to nursery pigs in a wean-to-finish production system1. Translational Animal Science, 2019, 3, 408-418.	0.4	0
105	Optimal dietary standardized ileal digestible lysine and crude protein concentration for growth and carcass performance in finishing pigs weighing greater than 100 kg1,2. Journal of Animal Science, 2019, 97, 1701-1711.	0.2	10
106	Evaluation of Salmonella presence in selected United States feed mills. MicrobiologyOpen, 2019, 8, e00711.	1.2	30
107	Evaluation of dietary electrolyte balance on nursery pig performance1. Translational Animal Science, 2019, 3, 378-383.	0.4	4
108	Effects of sodium and chloride source and concentration on nursery pig growth performance1. Journal of Animal Science, 2019, 97, 745-755.	0.2	6

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109	Influence of chromium propionate dose and feeding regimen on growth performance and carcass composition of pigs housed in a commercial environment1,2. Translational Animal Science, 2019, 3, 384-392.	0.4	4
110	Determining the impact of commercial feed additives as potential porcine epidemic diarrhea virus mitigation strategies as determined by polymerase chain reaction analysis and bioassay1. Translational Animal Science, 2019, 3, 93-102.	0.4	13
111	Effect of high doses of Natuphos E 5,000 G phytase on growth performance of nursery pigs. Journal of Animal Science, 2018, 96, 570-578.	0.2	3
112	Effects of increasing space allowance by removing a pig or gate adjustment on finishing pig growth performance1,2. Journal of Animal Science, 2018, 96, 2659-2664.	0.2	5
113	Effects of dietary calcium to phosphorus ratio and addition of phytase on growth performance of nursery pigs1. Journal of Animal Science, 2018, 96, 1825-1837.	0.2	24
114	Effects of added dietary salt on pig growth performance1,2. Translational Animal Science, 2018, 2, 396-406.	0.4	6
115	Effect of standardized ileal digestible lysine on growth and subsequent performance of weanling pigs1. Translational Animal Science, 2018, 2, 156-161.	0.4	5
116	Evaluating the effects of fish meal source and level on growth performance of nursery pigs1,2. Translational Animal Science, 2018, 2, 144-155.	0.4	7
117	Effects of chlortetracycline alone or in combination with direct fed microbials on nursery pig growth performance and antimicrobial resistance of fecal Escherichia coli1. Journal of Animal Science, 2018, 96, 5166-5178.	0.2	12
118	Effect of roller mill configuration on growth performance of nursery and finishing pigs and milling characteristics1. Journal of Animal Science, 2018, 96, 2278-2292.	0.2	7
119	Effect of parity and stage of gestation on growth and feed efficiency of gestating sows. Journal of Animal Science, 2018, 96, 4327-4338.	0.2	13
120	Effects of standardized ileal digestible histidine to lysine ratio on growth performance of 7- to 11-kg nursery pigs1. Journal of Animal Science, 2018, 96, 4713-4722.	0.2	8
121	Technical Note: Assessment of sampling technique from feeders for copper, zinc, calcium, and phosphorous analysis1. Journal of Animal Science, 2018, 96, 4611-4617.	0.2	6
122	Feed batch sequencing to decrease the risk of porcine epidemic diarrhea virus (PEDV) cross-contamination during feed manufacturing1. Journal of Animal Science, 2018, 96, 4562-4570.	0.2	29
123	Partitioning components of maternal growth to determine efficiency of feed use in gestating sows1,2. Journal of Animal Science, 2018, 96, 4313-4326.	0.2	10
124	Effect of standardized ileal digestible lysine and added copper on growth performance, carcass characteristics, and fat quality of finishing pigs1. Journal of Animal Science, 2018, 96, 3249-3263.	0.2	7
125	Doseâ€“response evaluation of the standardized ileal digestible tryptophan : lysine ratio to maximize growth performance of growing-finishing gilts under commercial conditions. Animal, 2018, 12, 1380-1387.	1.3	7
126	Characterizing the rapid spread of porcine epidemic diarrhea virus (PEDV) through an animal food manufacturing facility. PLoS ONE, 2017, 12, e0187309.	1.1	26

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127	Elimination of Porcine Epidemic Diarrhea Virus in an Animal Feed Manufacturing Facility. PLoS ONE, 2017, 12, e0169612.	1.1	34
128	Effects of diet form and corn particle size on growth performance and carcass characteristics of finishing pigs. Animal Feed Science and Technology, 2016, 214, 136-141.	1.1	15
129	Effects of reducing the standardized ileal digestible lysine and tryptophan to lysine ratio to slow growth of finishing pigs. Translational Animal Science, 0, , .	0.4	0
130	Evaluation of increasing digestible threonine to lysine ratio in corn-soybean meal diets without and with distillers dried grains with solubles on growth performance of growing-finishing pigs. Translational Animal Science, 0, , .	0.4	0
131	Differences in carcass chilling rate underlie differences in sensory traits of pork chops from pigs with heavier carcass weights. Journal of Animal Science, 0, , .	0.2	0
132	Evaluation of dietary mycotoxin control strategies on nursery pig growth performance and blood measures. Translational Animal Science, 0, , .	0.4	1