

Robert D Goodband

List of Publications by Year in descending order

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85
papers

666
citations

687220

13
h-index

794469

19
g-index

85
all docs

85
docs citations

85
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	30
2	Feed batch sequencing to decrease the risk of porcine epidemic diarrhea virus (PEDV) cross-contamination during feed manufacturing ¹ . <i>Journal of Animal Science</i> , 2018, 96, 4562-4570.	0.2	29
3	Effects of dietary calcium to phosphorus ratio and addition of phytase on growth performance of nursery pigs ¹ . <i>Journal of Animal Science</i> , 2018, 96, 1825-1837.	0.2	24
4	Branched-chain amino acid interactions in growing pig diets ¹ . <i>Translational Animal Science</i> , 2019, 3, 1246-1253.	0.4	24
5	Postweaning mortality in commercial swine production II: review of infectious contributing factors. <i>Translational Animal Science</i> , 2020, 4, 485-506.	0.4	24
6	Postweaning mortality in commercial swine production. I: review of non-infectious contributing factors. <i>Translational Animal Science</i> , 2020, 4, 462-484.	0.4	24
7	Effects of <i>Bacillus subtilis</i> C-3102 on sow and progeny performance, fecal consistency, and fecal microbes during gestation, lactation, and nursery periods ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 3920-3937.	0.2	23
8	Meta-regression analysis to predict the influence of branched-chain and large neutral amino acids on growth performance of pigs ¹ . <i>Journal of Animal Science</i> , 2019, 97, 2505-2514.	0.2	22
9	Effects of timing and size of meals prior to farrowing on sow and litter performance. <i>Translational Animal Science</i> , 2020, 4, 724-736.	0.4	22
10	Effects of Fumonisin-Contaminated Corn on Growth Performance of 9 to 28 kg Nursery Pigs. <i>Toxins</i> , 2020, 12, 604.	1.5	17
11	A review of compensatory growth following lysine restriction in grow-finish pigs ¹ . <i>Translational Animal Science</i> , 2020, 4, 531-547.	0.4	16
12	Sow and piglet traits associated with piglet survival at birth and to weaning. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	15
13	Effect of parity and stage of gestation on growth and feed efficiency of gestating sows. <i>Journal of Animal Science</i> , 2018, 96, 4327-4338.	0.2	13
14	Standardized total tract digestible phosphorus requirement of 24- to 130-kg pigs ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 4023-4031.	0.2	13
15	Determining the impact of commercial feed additives as potential porcine epidemic diarrhea virus mitigation strategies as determined by polymerase chain reaction analysis and bioassay ¹ . <i>Translational Animal Science</i> , 2019, 3, 93-102.	0.4	13
16	Estimate of the energy value of soybean meal relative to corn based on growth performance of nursery pigs. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 70.	2.1	13
17	Effects of medium chain fatty acids as a mitigation or prevention strategy against porcine epidemic diarrhea virus in swine feed. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	13
18	Effects of increased lysine and energy feeding duration prior to parturition on sow and litter performance, piglet survival, and colostrum quality. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	12

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19	Nutritional evaluation of different varieties of sorghum and the effects on nursery pig growth performance. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	11
20	Partitioning components of maternal growth to determine efficiency of feed use in gestating sows ^{1,2} . <i>Journal of Animal Science</i> , 2018, 96, 4313-4326.	0.2	10
21	Effects of increasing copper from either copper sulfate or combinations of copper sulfate and a copper- amino acid complex on finishing pig growth performance and carcass characteristics ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 1263-1269.	0.4	10
22	Optimal dietary standardized ileal digestible lysine and crude protein concentration for growth and carcass performance in finishing pigs weighing greater than 100 kg ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 1701-1711.	0.2	10
23	Relationship between weaning age and antibiotic usage on pig growth performance and mortality. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
24	Impact of added copper, alone or in combination with chlortetracycline, on growth performance and antimicrobial resistance of fecal enterococci of weaned piglets. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
25	Diet formulation method influences the response to increasing net energy in finishing pigs ¹ . <i>Translational Animal Science</i> , 2019, 3, 1349-1358.	0.4	9
26	Effects of increasing Fe dosage in newborn pigs on suckling and subsequent nursery performance and hematological and immunological criteria. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	9
27	Technical Note: Assessment of two methods for estimating bone ash in pigs. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	9
28	Evaluation of different blends of medium-chain fatty acids, lactic acid, and monolaurin on nursery pig growth performance ^{1,2} . <i>Translational Animal Science</i> , 2020, 4, 548-557.	0.4	9
29	Effects of standardized ileal digestible histidine to lysine ratio on growth performance of 7- to 11-kg nursery pigs ¹ . <i>Journal of Animal Science</i> , 2018, 96, 4713-4722.	0.2	8
30	Calcium to phosphorus ratio requirement of 26- to 127-kg pigs fed diets with or without phytase ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 4041-4052.	0.2	8
31	Phase-feeding strategies based on lysine specifications for grow-finish pigs ¹ . <i>Journal of Animal Science</i> , 2020, 98, .	0.2	8
32	Effects of increasing standardized ileal digestible lysine during gestation on reproductive performance of gilts and sows. <i>Animal</i> , 2021, 15, 100221.	1.3	8
33	Evaluating the effects of fish meal source and level on growth performance of nursery pigs ^{1,2} . <i>Translational Animal Science</i> , 2018, 2, 144-155.	0.4	7
34	Effect of roller mill configuration on growth performance of nursery and finishing pigs and milling characteristics ¹ . <i>Journal of Animal Science</i> , 2018, 96, 2278-2292.	0.2	7
35	Effect of standardized ileal digestible lysine and added copper on growth performance, carcass characteristics, and fat quality of finishing pigs ¹ . <i>Journal of Animal Science</i> , 2018, 96, 3249-3263.	0.2	7
36	Effects of zinc source and level on growth performance and carcass characteristics of finishing pigs ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 742-748.	0.4	7

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37	Determining the phosphorus release of Smizyme TS G5 2,500 phytase in diets for nursery pigs. <i>Translational Animal Science</i> , 2020, 4, txaa058.	0.4	7
38	Evaluation of essential fatty acids in lactating sow diets on sow reproductive performance, colostrum and milk composition, and piglet survivability. <i>Journal of Animal Science</i> , 2022, . .	0.2	7
39	Effects of added dietary salt on pig growth performance ^{1,2} . <i>Translational Animal Science</i> , 2018, 2, 396-406.	0.4	6
40	Technical Note: Assessment of sampling technique from feeders for copper, zinc, calcium, and phosphorous analysis ¹ . <i>Journal of Animal Science</i> , 2018, 96, 4611-4617.	0.2	6
41	Effects of standardized total tract digestible phosphorus on growth performance of 11- to 23-kg pigs fed diets with or without phytase ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 4032-4040.	0.2	6
42	Determining the influence of chromium propionate and <i>Yucca schidigera</i> on growth performance and carcass composition of pigs housed in a commercial environment ¹ . <i>Translational Animal Science</i> , 2019, 3, 1275-1285.	0.4	6
43	Regression analysis to predict the impact of dietary neutral detergent fiber on carcass yield in swine ¹ . <i>Translational Animal Science</i> , 2019, 3, 1270-1274.	0.4	6
44	Effects of sodium and chloride source and concentration on nursery pig growth performance ¹ . <i>Journal of Animal Science</i> , 2019, 97, 745-755.	0.2	6
45	Effects of added fat on growth performance of finishing pigs sorted by initial weight ¹ . <i>Translational Animal Science</i> , 2020, 4, 307-315.	0.4	6
46	Evaluation of nutritional strategies to slow growth rate then induce compensatory growth in 90-kg finishing pigs. <i>Translational Animal Science</i> , 2021, 5, txab037.	0.4	6
47	Determining the effects of manganese source and level on growth performance and carcass characteristics of growingâ€ finishing pigs. <i>Translational Animal Science</i> , 2021, 5, txab067.	0.4	6
48	Efficacy of commercial products on nursery pig growth performance fed diets with fumonisin contaminated corn. <i>Translational Animal Science</i> , 2020, 4, txaa217.	0.4	6
49	Effects of increasing space allowance by removing a pig or gate adjustment on finishing pig growth performance ^{1,2} . <i>Journal of Animal Science</i> , 2018, 96, 2659-2664.	0.2	5
50	Effect of standardized ileal digestible lysine on growth and subsequent performance of weanling pigs ¹ . <i>Translational Animal Science</i> , 2018, 2, 156-161.	0.4	5
51	Effects of increasing dietary zinc on growth performance and carcass characteristics of pigs raised under commercial conditions ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 731-736.	0.4	5
52	Effects of increasing copper from tri-basic copper chloride or a copper-methionine chelate on growth performance of nursery pigs ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 369-376.	0.4	5
53	Effects of sodium metabisulfite additives on nursery pig growth. <i>Translational Animal Science</i> , 2019, 3, 103-112.	0.4	5
54	Effects of amino acid biomass or feed-grade amino acids on growth performance of growing swine and poultry ^{1,2} . <i>Translational Animal Science</i> , 2020, 4, 49-58.	0.4	5

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55	Effects of soybean meal concentration in lactating sow diets on sow and litter performance and blood criteria ¹ . <i>Translational Animal Science</i> , 2020, 4, 594-601.	0.4	5
56	Effects of Tylosin Administration Routes on the Prevalence of Antimicrobial Resistance Among Fecal Enterococci of Finishing Swine. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 309-316.	0.8	4
57	Evaluation of dietary electrolyte balance on nursery pig performance ¹ . <i>Translational Animal Science</i> , 2019, 3, 378-383.	0.4	4
58	Influence of chromium propionate dose and feeding regimen on growth performance and carcass composition of pigs housed in a commercial environment ^{1,2} . <i>Translational Animal Science</i> , 2019, 3, 384-392.	0.4	4
59	A review of branched-chain amino acids in lactation diets on sow and litter growth performance. <i>Translational Animal Science</i> , 2022, 6, txac017.	0.4	4
60	Effect of high doses of Natuphos E 5,000 G phytase on growth performance of nursery pigs. <i>Journal of Animal Science</i> , 2018, 96, 570-578.	0.2	3
61	Effects of corn distillers dried grains with solubles in finishing diets on pig growth performance and carcass yield with two different marketing strategies. <i>Translational Animal Science</i> , 2020, 4, 737-749.	0.4	3
62	Effects of high-protein distillers dried grains on growth performance of nursery pigs. <i>Translational Animal Science</i> , 2021, 5, txab028.	0.4	3
63	Determining the phosphorus release of GraINzyme phytase in diets for nursery pigs. <i>Translational Animal Science</i> , 2021, 5, txab105.	0.4	3
64	Effect of fiber source and crude protein level on nursery pig performance and fecal microbial communities. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	3
65	Assessing current phytase release values for calcium, phosphorus, amino acids, and energy in diets for growing-finishing pigs ¹² . <i>Translational Animal Science</i> , 2020, 4, 558-568.	0.4	2
66	Effects of soybean meal level on growth performance of 11- to 25-kg nursery pigs ¹² . <i>Translational Animal Science</i> , 2020, 4, 694-707.	0.4	2
67	Effects of space allowance and marketing strategy on growth performance of pigs raised to 165 kg. <i>Translational Animal Science</i> , 2020, 4, 1252-1262.	0.4	2
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. <i>Translational Animal Science</i> , 2020, 4, 715-723.	0.4	2
69	Effects of feeding increasing levels of iron from iron sulfate or iron carbonate on nursery pig growth performance and hematological criteria. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	2
70	Evaluation of high-protein distillers dried grains on growth performance and carcass characteristics of growing-finishing pigs. <i>Translational Animal Science</i> , 2021, 5, txab038.	0.4	2
71	Gilt development to improve offspring performance and survivability. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	2
72	155 Effects of soybean meal level and distillers dried grains with solubles inclusion on growth performance of late nursery pigs. <i>Journal of Animal Science</i> , 2019, 97, 88-89.	0.2	1

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73	The effects of dietary soybean hulls particle size and diet form on nursery and finishing pig performance ¹ . <i>Translational Animal Science</i> , 2020, 4, 22-33.	0.4	1
74	Effects of iron injection timing on suckling and subsequent nursery and growing-finishing performance and hematological criteria. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
75	Evaluation of Enogen Feed Corn on growth performance and carcass characteristics of finishing pigs. <i>Translational Animal Science</i> , 2021, 5, txab052.	0.4	1
76	Effects of dietary chromium propionate and space allowance on performance and carcass responses of growing-finishing pigs. <i>Translational Animal Science</i> , 2021, 5, txab112.	0.4	1
77	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. <i>Translational Animal Science</i> , 2021, 5, txab120.	0.4	1
78	Effects of standardized ileal digestible lysine on growth performance and economic return in duroc-sired finishing pigs. <i>Translational Animal Science</i> , 2022, 6, .	0.4	1
79	Evaluation of dietary mycotoxin control strategies on nursery pig growth performance and blood measures. <i>Translational Animal Science</i> , 0, , .	0.4	1
80	Strategy to blend leftover finisher feed to nursery pigs in a wean-to-finish production system ¹ . <i>Translational Animal Science</i> , 2019, 3, 408-418.	0.4	0
81	Influence of particle size of Enogen Feed corn and conventional yellow dent corn on lactating sow performance ¹ . <i>Translational Animal Science</i> , 2021, 5, txab035.	0.4	0
82	Influence of Enogen Feed corn and conventional yellow dent corn in pelleted or meal-based diets on finishing pig performance and carcass characteristics. <i>Translational Animal Science</i> , 2021, 5, txab092.	0.4	0
83	A meta-regression analysis to evaluate the influence of branched-chain amino acids in lactation diets on sow and litter growth performance. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	0
84	Effects of reducing the standardized ileal digestible lysine and tryptophan to lysine ratio to slow growth of finishing pigs. <i>Translational Animal Science</i> , 0, , .	0.4	0
85	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. <i>Translational Animal Science</i> , 0, , .	0.4	0