

John R Pluske

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157
papers

6,100
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73
g-index

168
ext. papers

7,135
ext. citations

2.5
avg, IF

5.76
L-index

#	Paper	IF	Citations
157	Factors influencing the structure and function of the small intestine in the weaned pig: a review. <i>Livestock Science</i> , 1997 , 51, 215-236		658
156	A review of interactions between dietary fibre and the intestinal mucosa, and their consequences on digestive health in young non-ruminant animals. <i>Animal Feed Science and Technology</i> , 2003 , 108, 95-117	1.7	543
155	Gastrointestinal health and function in weaned pigs: a review of feeding strategies to control post-weaning diarrhoea without using in-feed antimicrobial compounds. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013 , 97, 207-37	2.6	371
154	Strategic use of feed ingredients and feed additives to stimulate gut health and development in young pigs. <i>Livestock Science</i> , 2010 , 134, 124-134	1.7	212
153	Environmentally-acquired bacteria influence microbial diversity and natural innate immune responses at gut surfaces. <i>BMC Biology</i> , 2009 , 7, 79	7.3	171
152	Nutrition and pathology of weaner pigs: Nutritional strategies to support barrier function in the gastrointestinal tract. <i>Animal Feed Science and Technology</i> , 2012 , 173, 3-16	3	163
151	Nutritional influences on some major enteric bacterial diseases of pig. <i>Nutrition Research Reviews</i> , 2002 , 15, 333-71	7	158
150	Maintenance of villus height and crypt depth, and enhancement of disaccharide digestion and monosaccharide absorption, in piglets fed on cowsTwhole milk after weaning. <i>British Journal of Nutrition</i> , 1996 , 76, 409-22	3.6	154
149	Maintenance of villous height and crypt depth in piglets by providing continuous nutrition after weaning. <i>Animal Science</i> , 1996 , 62, 131-144		146
148	Molecular techniques, wildlife management and the importance of genetic population structure and dispersal: a case study with feral pigs. <i>Journal of Applied Ecology</i> , 2004 , 41, 735-743	5.8	142
147	Feed- and feed additives-related aspects of gut health and development in weanling pigs. <i>Journal of Animal Science and Biotechnology</i> , 2013 , 4, 1	6	134
146	Gastrointestinal tract (gut) health in the young pig. <i>Animal Nutrition</i> , 2018 , 4, 187-196	4.8	132
145	Villous height and crypt depth in piglets in response to increases in the intake of cowsTmilk after weaning. <i>Animal Science</i> , 1996 , 62, 145-158		114
144	Establishment of normal gut microbiota is compromised under excessive hygiene conditions. <i>PLoS ONE</i> , 2011 , 6, e28284	3.7	99
143	Effects of feeding low protein diets to piglets on plasma urea nitrogen, faecal ammonia nitrogen, the incidence of diarrhoea and performance after weaning. <i>Archives of Animal Nutrition</i> , 2008 , 62, 343-58	2.7	98
142	Feeding a diet with decreased protein content reduces indices of protein fermentation and the incidence of postweaning diarrhea in weaned pigs challenged with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2009 , 87, 2833-43	0.7	97
141	Restricting microbial exposure in early life negates the immune benefits associated with gut colonization in environments of high microbial diversity. <i>PLoS ONE</i> , 2011 , 6, e28279	3.7	96

140	A chemical analysis of samples of crude glycerol from the production of biodiesel in Australia, and the effects of feeding crude glycerol to growing-finishing pigs on performance, plasma metabolites and meat quality at slaughter. <i>Animal Production Science</i> , 2009 , 49, 154	1.4	93
139	The digestible energy value of wheat for pigs, with special reference to the post-weaned animal [Review]. <i>Animal Feed Science and Technology</i> , 2005 , 122, 257-287	3	61
138	The Low Feed Intake in Newly-weaned Pigs: Problems and Possible Solutions. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007 , 20, 440-452	2.4	57
137	Addition of pearl barley to a rice-based diet for newly weaned piglets increases the viscosity of the intestinal contents, reduces starch digestibility and exacerbates post-weaning colibacillosis. <i>British Journal of Nutrition</i> , 2004 , 92, 419-27	3.6	56
136	Confirmation of the role of rapidly fermentable carbohydrates in the expression of swine dysentery in pigs after experimental infection. <i>Journal of Nutrition</i> , 1998 , 128, 1737-44	4.1	56
135	Changes in bacterial populations in the colon of pigs fed different sources of dietary fibre, and the development of swine dysentery after experimental infection. <i>Journal of Applied Microbiology</i> , 1998 , 85, 574-82	4.7	54
134	Age, sex, and weight at weaning influence organ weight and gastrointestinal development of weanling pigs. <i>Australian Journal of Agricultural Research</i> , 2003 , 54, 515		54
133	Nutritional manipulation increases intramuscular fat levels in the Longissimus muscle of female finisher pigs. <i>Australian Journal of Agricultural Research</i> , 2003 , 54, 745		54
132	Adverse effects of soluble non-starch polysaccharide (guar gum) on piglet growth and experimental colibacillosis immediately after weaning. <i>Research in Veterinary Science</i> , 1999 , 67, 245-50	2.5	54
131	Feeding lactating primiparous sows to establish three divergent metabolic states: III. Milk production and pig growth. <i>Journal of Animal Science</i> , 1998 , 76, 1165-71	0.7	51
130	Direct experimental evidence that early-life farm environment influences regulation of immune responses. <i>Pediatric Allergy and Immunology</i> , 2012 , 23, 265-9	4.2	49
129	Dietary supplementation with benzoic acid improves apparent ileal digestibility of total nitrogen and increases villous height and caecal microbial diversity in weaner pigs. <i>Animal Feed Science and Technology</i> , 2010 , 160, 137-147	3	49
128	Addition of oat hulls to an extruded rice-based diet for weaner pigs ameliorates the incidence of diarrhoea and reduces indices of protein fermentation in the gastrointestinal tract. <i>British Journal of Nutrition</i> , 2008 , 99, 1217-25	3.6	49
127	Variation in the chemical composition of wheats grown in Western Australia as influenced by variety, growing region, season, and post-harvest storage. <i>Australian Journal of Agricultural Research</i> , 2003 , 54, 541		49
126	The effects of increasing levels of soluble non-starch polysaccharides and inclusion of feed enzymes in dog diets on faecal quality and digestibility. <i>Animal Feed Science and Technology</i> , 2003 , 108, 71-82	3	49
125	Reducing the length of time between slaughter and the secondary gonadotropin-releasing factor immunization improves growth performance and clears boar taint compounds in male finishing pigs. <i>Journal of Animal Science</i> , 2011 , 89, 2782-92	0.7	48
124	Nutritional profile and in vitro digestibility of microalgae grown in anaerobically digested piggery effluent. <i>Algal Research</i> , 2018 , 35, 362-369	5	43
123	Effects of different sources and levels of dietary fibre in diets on performance, digesta characteristics and antibiotic treatment of pigs after weaning. <i>Animal Feed Science and Technology</i> , 2003 , 107, 129-142	3	40

122	Feeding lactating primiparous sows to establish three divergent metabolic states: I. Associated endocrine changes and postweaning reproductive performance. <i>Journal of Animal Science</i> , 1998 , 76, 1145-53	0.7	40
121	Piglet growth before and after weaning in relation to a qualitative estimate of solid (creep) feed intake during lactation: a pilot study. <i>Archives of Animal Nutrition</i> , 2007 , 61, 469-80	2.7	38
120	The effect of wheat phosphorus content and supplemental enzymes on digestibility and growth performance of weaner pigs. <i>Animal Feed Science and Technology</i> , 2005 , 118, 139-152	3	37
119	The effects of weaning age, diet composition, and categorisation of creep feed intake by piglets on diarrhoea and performance after weaning. <i>Livestock Science</i> , 2007 , 108, 120-123	1.7	35
118	Impact of feeding fermentable proteins and carbohydrates on growth performance, gut health and gastrointestinal function of newly weaned pigs. <i>Canadian Journal of Animal Science</i> , 2008 , 88, 271-281	0.9	34
117	A comparison of waxy versus non-waxy wheats in diets for weaner pigs: effects of particle size, enzyme supplementation, and collection day on total tract apparent digestibility and pig performance. <i>Animal Feed Science and Technology</i> , 2005 , 120, 51-65	3	34
116	Heat processing changes the protein quality of canned cat foods as measured with a rat bioassay. <i>Journal of Animal Science</i> , 1999 , 77, 669-76	0.7	34
115	Performance and total-tract digestibility responses to exogenous xylanase and phytase in diets for growing pigs. <i>Animal Feed Science and Technology</i> , 2008 , 142, 163-172	3	33
114	Post-weaning and whole-of-life performance of pigs is determined by live weight at weaning and the complexity of the diet fed after weaning. <i>Animal Nutrition</i> , 2017 , 3, 372-379	4.8	32
113	Reducing stress in piglets as a means of increasing production after weaning: administration of amperozide or co-mingling of piglets during lactation?. <i>Animal Science</i> , 1996 , 62, 121-130		32
112	Diets containing inulin but not lupins help to prevent swine dysentery in experimentally challenged pigs. <i>Journal of Animal Science</i> , 2010 , 88, 3327-36	0.7	30
111	Socialising piglets in lactation positively affects their post-weaning behaviour. <i>Applied Animal Behaviour Science</i> , 2014 , 158, 23-33	2.2	29
110	The pattern of fat and lean muscle tissue deposition differs in the different pork primal cuts of female pigs during the finisher growth phase. <i>Livestock Science</i> , 2004 , 91, 1-8		29
109	Lifetime and post-weaning determinants of performance indices of pigs. <i>Australian Journal of Agricultural Research</i> , 2003 , 54, 363		27
108	The sociogenetic structure of a controlled feral pig population. <i>Wildlife Research</i> , 2005 , 32, 297	1.8	26
107	Effect of dietary supplementation with inulin and/or benzoic acid on the incidence and severity of post-weaning diarrhoea in weaner pigs after experimental challenge with enterotoxigenic <i>Escherichia coli</i> . <i>Archives of Animal Nutrition</i> , 2009 , 63, 267-80	2.7	25
106	Vitamin E and omega-3 fatty acids independently attenuate plasma concentrations of proinflammatory cytokines and prostaglandin E3 in <i>Escherichia coli</i> lipopolysaccharide-challenged growing-finishing pigs. <i>Journal of Animal Science</i> , 2015 , 93, 2926-34	0.7	24
105	Dietary enzyme and zinc bacitracin reduce colonisation of layer hens by the intestinal spirochaete <i>Brachyspira intermedia</i> . <i>Veterinary Microbiology</i> , 2002 , 86, 351-60	3.3	24

104	The replacement value of sorghum and maize with or without supplemental enzymes for rice in extruded dog foods. <i>Animal Feed Science and Technology</i> , 2003 , 108, 61-69	3	24
103	Effects of dietary protein level and zinc oxide supplementation on the incidence of post-weaning diarrhoea in weaner pigs challenged with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Livestock Science</i> , 2010 , 133, 210-213	1.7	23
102	A high dietary concentration of inulin is necessary to reduce the incidence of swine dysentery in pigs experimentally challenged with <i>Brachyspira hyodysenteriae</i> . <i>British Journal of Nutrition</i> , 2011 , 106, 1506-13	3.6	23
101	Feeding different types of cooked white rice to piglets after weaning influences starch digestion, digesta and fermentation characteristics and the faecal shedding of beta-haemolytic <i>Escherichia coli</i> . <i>British Journal of Nutrition</i> , 2007 , 97, 298-306	3.6	23
100	Levels of total phosphorus, phytate-phosphorus, and phytase activity in three varieties of Western Australian wheats in response to growing region, growing season, and storage. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 1361		23
99	Feeding lactating primiparous sows to establish three divergent metabolic states: II. Effect on nitrogen partitioning and skeletal muscle composition. <i>Journal of Animal Science</i> , 1998 , 76, 1154-64	0.7	23
98	Evaluation of Western Australian canola meal for growing pigs. <i>Australian Journal of Agricultural Research</i> , 2000 , 51, 547		23
97	Macroalgae culture to treat anaerobic digestion piggery effluent (ADPE). <i>Bioresource Technology</i> , 2017 , 227, 15-23	11	22
96	Efficacy of a reduced protein diet on clinical expression of post-weaning diarrhoea and life-time performance after experimental challenge with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Animal Feed Science and Technology</i> , 2011 , 170, 222-230	3	22
95	Decreasing dietary particle size of lupins increases apparent ileal amino acid digestibility and alters fermentation characteristics in the gastrointestinal tract of pigs. <i>British Journal of Nutrition</i> , 2009 , 102, 350-60	3.6	22
94	Effects of amylose content, autoclaving, parboiling, extrusion, and post-cooking treatments on resistant starch content of different rice cultivars. <i>Australian Journal of Agricultural Research</i> , 2006 , 57, 1291		21
93	A preliminary genetic study of the social biology of feral pigs in south-western Australia and the implications for management. <i>Wildlife Research</i> , 2004 , 31, 375	1.8	21
92	Split weaning increases the growth of light piglets during lactation. <i>Australian Journal of Agricultural Research</i> , 1996 , 47, 513		20
91	The use of sorghum and corn as alternatives to rice in dog foods. <i>Journal of Nutrition</i> , 2002 , 132, 1704S-5S	1	20
90	The influence of feeder type and the method of group allocation at weaning on voluntary food intake and growth in piglets. <i>Animal Science</i> , 1996 , 62, 115-120		20
89	Whole body protein deposition and plasma amino acid profiles in growing and/or finishing pigs fed increasing levels of sulfur amino acids with and without <i>Escherichia coli</i> lipopolysaccharide challenge. <i>Journal of Animal Science</i> , 2012 , 90 Suppl 4, 362-5	0.7	19
88	Feeding a diet with a decreased protein content reduces both nitrogen content in the gastrointestinal tract and post-weaning diarrhoea, but does not affect apparent nitrogen digestibility in weaner pigs challenged with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Animal Feed Science and Technology</i> , 2010 , 160, 148-159	3	19
87	A comparison of the effects of dietary spray-dried bovine colostrum and animal plasma on growth and intestinal histology in weaner pigs. <i>Livestock Science</i> , 2008 , 119, 167-173	1.7	19

86	Impact of controlled fermentation and steeping of high moisture corn on its nutritional value for pigs. <i>Livestock Science</i> , 2007 , 109, 166-169	1.7	19
85	Manipulating the immune system for pigs to optimise performance. <i>Animal Production Science</i> , 2018 , 58, 666	1.4	19
84	A between-experiment analysis of relationships linking dietary protein intake and post-weaning diarrhea in weanling pigs under conditions of experimental infection with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Animal Science Journal</i> , 2015 , 86, 286-93	1.8	18
83	Poorer lifetime growth performance of gilt progeny compared with sow progeny is largely due to weight differences at birth and reduced growth in the preweaning period, and is not improved by progeny segregation after weaning. <i>Journal of Animal Science</i> , 2017 , 95, 4904-4916	0.7	17
82	A Comparison of Diets Supplemented with a Feed Additive Containing Organic Acids, Cinnamaldehyde and a Permeabilizing Complex, or Zinc Oxide, on Post-Weaning Diarrhoea, Selected Bacterial Populations, Blood Measures and Performance in Weaned Pigs Experimentally Infected with Enterotoxigenic <i>E. coli</i> . <i>Animals</i> , 2015 , 5, 1147-68	3.1	17
81	Differential effects of feeding fermentable carbohydrate to growing pigs on performance, gut size and slaughter characteristics. <i>Animal Science</i> , 1998 , 67, 147-156		17
80	The use of nucleotides, vitamins and functional amino acids to enhance the structure of the small intestine and circulating measures of immune function in the post-weaned piglet. <i>Animal Feed Science and Technology</i> , 2011 , 165, 184-190	3	16
79	Primiparous and Multiparous Sows Have Largely Similar Colostrum and Milk Composition Profiles Throughout Lactation. <i>Animals</i> , 2019 , 9,	3.1	15
78	Variation in digestible energy content of Australian sweet lupins (<i>Lupinus angustifolius</i> L.) and the development of prediction equations for its estimation. <i>Journal of Animal Science</i> , 2009 , 87, 2565-73	0.7	15
77	Associations between nematode larval challenge and gastrointestinal tract size that affect carcass productivity in sheep. <i>Veterinary Parasitology</i> , 2009 , 161, 248-54	2.8	15
76	Are observer ratings influenced by prescription? A comparison of Free Choice Profiling and Fixed List methods of Qualitative Behavioural Assessment. <i>Applied Animal Behaviour Science</i> , 2016 , 177, 77-83 ^{2.2}		14
75	Effects of benzoic acid and inulin on ammonia nitrogen excretion, plasma urea levels, and the pH in faeces and urine of weaner pigs. <i>Livestock Science</i> , 2010 , 134, 243-245	1.7	14
74	A modification to the isotope-dilution technique for estimating milk intake of pigs using pig serum. <i>Journal of Animal Science</i> , 1997 , 75, 1279-83	0.7	13
73	Reducing the lysine to energy content in the grower growth phase diet increases intramuscular fat and improves the eating quality of the longissimus thoracis muscle of gilts. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 1105		13
72	Microbial diversity in the large intestine of pigs born and reared in different environments. <i>Livestock Science</i> , 2007 , 108, 113-116	1.7	13
71	Predation by Red Foxes (<i>Vulpes vulpes</i>) at an Outdoor Piggery. <i>Animals</i> , 2016 , 6,	3.1	13
70	Intermittent Suckling in Combination with an Older Weaning Age Improves Growth, Feed Intake and Aspects of Gastrointestinal Tract Carbohydrate Absorption in Pigs after Weaning. <i>Animals</i> , 2016 , 6,	3.1	13
69	Interactions between piglet weaning age and dietary creep feed composition on lifetime growth performance. <i>Animal Production Science</i> , 2013 , 53, 1025	1.4	12

68	Intermittent suckling with or without co-mingling of non-littermate piglets before weaning improves piglet performance in the immediate post-weaning period when compared with conventional weaning. <i>Journal of Animal Science and Biotechnology</i> , 2017 , 8, 14	6	12
67	Nutritional strategies affect carcass and pork quality but have no effect on intramuscular fat content of pork. <i>Animal Production Science</i> , 2012 , 52, 276	1.4	12
66	Effects of dietary protein level and zinc oxide supplementation on performance responses and gastrointestinal tract characteristics in weaner pigs challenged with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Animal Production Science</i> , 2010 , 50, 827	1.4	12
65	Effect of variety, growing region and growing season on digestible energy content of wheats grown in Western Australia for weaner pigs. <i>Animal Science</i> , 2004 , 78, 53-60		12
64	Interactions between weaning age, weaning weight, sex, and enzyme supplementation on growth performance of pigs. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 939		12
63	Dietary Bovine Colostrum Increases Villus Height and Decreases Small Intestine Weight in Early-weaned Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2008 , 21, 567-573	2.4	12
62	Reducing the dietary omega-6 to omega-3 polyunsaturated fatty acid ratio attenuated inflammatory indices and sustained epithelial tight junction integrity in weaner pigs housed in a poor sanitation condition. <i>Animal Feed Science and Technology</i> , 2017 , 234, 312-320	3	11
61	Effect of increasing the dietary tryptophan to lysine ratio on plasma levels of tryptophan, kynurenine and urea and on production traits in weaner pigs experimentally infected with an enterotoxigenic strain of <i>Escherichia coli</i> . <i>Archives of Animal Nutrition</i> , 2015 , 69, 17-29	2.7	11
60	An experimental meat-free diet maintained haematological characteristics in sprint-racing sled dogs. <i>British Journal of Nutrition</i> , 2009 , 102, 1318-23	3.6	11
59	Levels of copper and zinc in diets for growing and finishing pigs can be reduced without detrimental effects on production and mineral status. <i>Animal</i> , 2008 , 2, 1763-71	3.1	11
58	The digestible energy and net energy content of two varieties of processed rice in pigs of different body weight. <i>Animal Feed Science and Technology</i> , 2007 , 134, 316-325	3	11
57	The effects of added fructooligosaccharide (Raftilose [®] P95) and inulinase on faecal quality and digestibility in dogs. <i>Animal Feed Science and Technology</i> , 2003 , 108, 83-93	3	11
56	Broilers fed a low protein diet supplemented with synthetic amino acids maintained growth performance and retained intestinal integrity while reducing nitrogen excretion when raised under poor sanitary conditions. <i>Poultry Science</i> , 2020 , 99, 949-958	3.9	11
55	Acetylsalicylic acid supplementation improves protein utilization efficiency while vitamin E supplementation reduces markers of the inflammatory response in weaned pigs challenged with enterotoxigenic. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 58	6	10
54	Effect of Australian sweet lupin (<i>Lupinus angustifolius</i> L.) inclusion levels and enzyme supplementation on the performance, carcass composition and meat quality of grower/finisher pigs. <i>Animal Production Science</i> , 2011 , 51, 37	1.4	10
53	l-arginine supplementation of milk liquid or dry diets fed to pigs after weaning has a positive effect on production in the first three weeks after weaning at 21 days of age. <i>Animal Feed Science and Technology</i> , 2009 , 154, 102-111	3	10
52	A wheat-based diet enhances colonization with the intestinal spirochaete <i>Brachyspira intermedia</i> in experimentally infected laying hens. <i>Avian Pathology</i> , 2004 , 33, 451-7	2.4	10
51	Supra-nutritional vitamin E supplementation for 28 days before slaughter maximises muscle vitamin E concentration in finisher pigs. <i>Meat Science</i> , 2015 , 110, 270-7	6.4	9

50	Effect of mucin 4 allele on susceptibility to experimental infection with enterotoxigenic F4 in pigs fed experimental diets. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 56	6	9
49	Effects of Oxytocin Administration on the Response of Piglets to Weaning. <i>Animals</i> , 2015 , 5, 545-60	3.1	9
48	Dietary ractopamine promotes growth, feed efficiency and carcass responses over a wide range of available lysine levels in finisher boars and gilts. <i>Animal Production Science</i> , 2013 , 53, 8	1.4	9
47	The responses of light- and heavy-for-age pigs at weaning to dietary spray-dried porcine plasma. <i>Animal Feed Science and Technology</i> , 2010 , 162, 116-122	3	9
46	Nutritive value of yellow lupins (<i>Lupinus luteus</i> L.) for weaner pigs. <i>Australian Journal of Experimental Agriculture</i> , 2008 , 48, 1225		9
45	Diets containing high-quality animal proteins increase growth of early-weaned pigs. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 779		9
44	Intermittent Suckling Causes a Transient Increase in Cortisol That Does Not Appear to Compromise Selected Measures of Piglet Welfare and Stress. <i>Animals</i> , 2016 , 6,	3.1	9
43	Effects of chlortetracycline alone or in combination with direct fed microbials on nursery pig growth performance and antimicrobial resistance of fecal <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2018 , 96, 5166-5178	0.7	9
42	Porcine enterotoxigenic <i>Escherichia coli</i> : Antimicrobial resistance and development of microbial-based alternative control strategies. <i>Veterinary Microbiology</i> , 2021 , 258, 109117	3.3	9
41	Effects of spray-dried colostrum and plasmas on the performance and gut morphology of broiler chickens. <i>Australian Journal of Agricultural Research</i> , 2005 , 56, 811		8
40	Lupins as a protein source in pig diets.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 2007 , 2,	3.2	8
39	Neonatal oxytocin administration and supplemental milk ameliorate the weaning transition and alter hormonal expression in the gastrointestinal tract in pigs. <i>Domestic Animal Endocrinology</i> , 2015 , 51, 19-26	2.3	7
38	Influence of dietary methionine to methionine plus cysteine ratios on nitrogen retention in gilts fed purified diets between 40 and 80 kg live body weight. <i>Canadian Journal of Animal Science</i> , 2007 , 87, 87-92	0.9	7
37	The influence of nutritional and management factors on piglet weight gain to weaning in a commercial herd in Denmark. <i>Livestock Science</i> , 2007 , 108, 117-119	1.7	7
36	Effect of diet type and added copper on growth performance, carcass characteristics, energy digestibility, gut morphology, and mucosal mRNA expression of finishing pigs. <i>Journal of Animal Science</i> , 2018 , 96, 3288-3301	0.7	7
35	Current recommended levels of dietary lysine in finisher pig diets are sufficient to maximise the response to ractopamine over 28 days but are insufficient in the first 7 days. <i>Animal Production Science</i> , 2013 , 53, 38	1.4	6
34	The wheat variety used in the diet of laying hens influences colonization with the intestinal spirochaete <i>Brachyspira intermedia</i> . <i>Avian Pathology</i> , 2004 , 33, 586-90	2.4	6
33	Dietary stimulation of the endogenous somatotrophic axis in weaner and grower-finisher pigs using medium chain triglycerides and cysteamine hydrochloride. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 61	6	6

32	Technical note: novel delivery methods for an enterotoxigenic Escherichia coli infection model in MUC4-locus sequenced weaner pigs ¹ . <i>Journal of Animal Science</i> , 2019 , 97, 4503-4508	0.7	5
31	A comparison of the anatomical and gastrointestinal functional development between gilt and sow progeny around birth and weaning ¹ . <i>Journal of Animal Science</i> , 2019 , 97, 3809-3822	0.7	5
30	Performance and intestinal responses to dehulling and inclusion level of Australian sweet lupins (<i>Lupinus angustifolius</i> L.) in diets for weaner pigs. <i>Animal Feed Science and Technology</i> , 2012 , 172, 201-209	3	5
29	An increased ratio of dietary tryptophan to lysine improves feed efficiency and elevates plasma tryptophan and kynurenine in the absence of antimicrobials and regardless of infection with enterotoxigenic Escherichia coli in weaned pigs. <i>Journal of Animal Science</i> , 2012 , 90 Suppl 4, 191-3	0.7	5
28	Determination of the optimum standardised ileal digestible sulphur amino acids to lysine ratio in weaned pigs challenged with enterotoxigenic Escherichia coli. <i>Animal Feed Science and Technology</i> , 2017 , 227, 118-130	3	4
27	Body weight gain and nutrient utilization in starter pigs that are liquid-fed high-moisture corn-based diets supplemented with phytase. <i>Canadian Journal of Animal Science</i> , 2010 , 90, 45-55	0.9	4
26	An assessment of the genetic diversity and structure within and among populations of wild pigs (<i>Sus scrofa</i>) from Australia and Papua New Guinea. <i>Journal of Genetics</i> , 2006 , 85, 63-6	1.2	4
25	Chapter 12 Dietary manipulation of infectious bowel disease. <i>Biology of Growing Animals</i> , 2006 , 4, 365-385		4
24	Stomach cannulation of pregnant gilts for nutrition studies during lactation. <i>Canadian Journal of Animal Science</i> , 1995 , 75, 497-500	0.9	4
23	Dietary lysine requirements of heavy and light pigs weaned at 14 days of age. <i>Australian Journal of Agricultural Research</i> , 2000 , 51, 531		4
22	A quantitative and qualitative approach to the assessment of behaviour of sows upon mixing into group pens with or without a partition. <i>Animal Production Science</i> , 2017 , 57, 1916	1.4	3
21	Dietary Inclusion of 1,3-Butanediol Increases Dam Circulating Ketones and Increases Progeny Birth Weight. <i>Animals</i> , 2019 , 9,	3.1	3
20	Prediction of apparent, standardized, and true ileal digestible total and reactive lysine contents in heat-damaged soybean meal samples. <i>Journal of Animal Science</i> , 2012 , 90 Suppl 4, 137-9	0.7	3
19	Duckweed (<i>Landoltia punctata</i>) in dog diets decreases digestibility but improves stool consistency. <i>Animal Production Science</i> , 2013 , 53, 1188	1.4	3
18	Chemical composition and standardised ileal digestible amino acid contents of Lathyrus (<i>Lathyrus cicera</i>) as an ingredient in pig diets. <i>Animal Feed Science and Technology</i> , 2009 , 150, 139-143	3	3
17	Minimum levels of inclusion of copper and zinc proteinate amino acid chelates in growing and finishing pig diets. <i>Animal Production Science</i> , 2009 , 49, 340	1.4	3
16	Development of Immune Cells in the Intestinal Mucosa Can Be Affected by Intensive and Extensive Farm Environments, and Antibiotic Use. <i>Frontiers in Immunology</i> , 2018 , 9, 1061	8.4	2
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