

# Ryan Dilger

## List of Publications by Year in descending order

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144  
papers

4,330  
citations

87886

38  
h-index

133244

59  
g-index

147  
all docs

147  
docs citations

147  
times ranked

4612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging, microglial cell priming, and the discordant central inflammatory response to signals from the peripheral immune system. <i>Journal of Leukocyte Biology</i> , 2008, 84, 932-939.	3.3	317
2	Brain Growth of the Domestic Pig <i>(Sus scrofa)</i> from 2 to 24 Weeks of Age: A Longitudinal MRI Study. <i>Developmental Neuroscience</i> , 2012, 34, 291-298.	2.0	160
3	Digestibility of nitrogen and amino acids in soybean meal with added soyhulls <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2004, 82, 715-724.	0.5	155
4	Luteolin Inhibits Microglia and Alters Hippocampal-Dependent Spatial Working Memory in Aged Mice. <i>Journal of Nutrition</i> , 2010, 140, 1892-1898.	2.9	131
5	Evaluation of Microbial Phytase in Broiler Diets. <i>Poultry Science</i> , 2004, 83, 962-970.	3.4	128
6	Serum cortisol mediates the relationship between fecal <i>Ruminococcus</i> and brain N-acetylaspartate in the young pig. <i>Gut Microbes</i> , 2017, 8, 589-600.	9.8	101
7	Modulation of the faecal microbiome of healthy adult dogs by inclusion of potato fibre in the diet. <i>British Journal of Nutrition</i> , 2015, 113, 125-133.	2.3	99
8	Cognitive deficits in interleukin-10-deficient mice after peripheral injection of lipopolysaccharide. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 794-802.	4.1	97
9	Dietary guanidino acetic acid is an efficacious replacement for arginine for young chicks. <i>Poultry Science</i> , 2013, 92, 171-177.	3.4	89
10	Early Supplementation of Phospholipids and Gangliosides Affects Brain and Cognitive Development in Neonatal Piglets. <i>Journal of Nutrition</i> , 2014, 144, 1903-1909.	2.9	88
11	Dietary Prebiotics, Milk Fat Globule Membrane, and Lactoferrin Affects Structural Neurodevelopment in the Young Piglet. <i>Frontiers in Pediatrics</i> , 2016, 4, 4.	1.9	88
12	Sickness behavior induced by endotoxin can be mitigated by the dietary soluble fiber, pectin, through up-regulation of IL-4 and Th2 polarization. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 631-640.	4.1	86
13	Early-Life Nutrition and Neurodevelopment: Use of the Piglet as a Translational Model. <i>Advances in Nutrition</i> , 2017, 8, 92-104.	6.4	84
14	Early Life Iron Deficiency Impairs Spatial Cognition in Neonatal Piglets <sup>2</sup> . <i>Journal of Nutrition</i> , 2012, 142, 2050-2056.	2.9	79
15	A Neonatal Piglet Model for Investigating Brain and Cognitive Development in Small for Gestational Age Human Infants. <i>PLoS ONE</i> , 2014, 9, e91951.	2.5	75
16	Estimation of True Phosphorus Digestibility and Endogenous Phosphorus Loss in Growing Chicks Fed Conventional and Low-Phytate Soybean Meals. <i>Poultry Science</i> , 2006, 85, 661-668.	3.4	73
17	Estimation of true phosphorus digestibility and endogenous phosphorus loss in growing pigs fed conventional and low-phytate soybean meals <sup>1</sup> . <i>Journal of Animal Science</i> , 2006, 84, 627-634.	0.5	70
18	Effects of <i>Eimeria acervulina</i> infection severity on growth performance, apparent ileal amino acid digestibility, and plasma concentrations of amino acids, carotenoids, and $\pm$ 1-acid glycoprotein in broilers. <i>Poultry Science</i> , 2016, 95, 1573-1581.	3.4	68

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19	Efficacy and equivalency of an <i>Escherichia coli</i> -derived phytase for replacing inorganic phosphorus in the diets of broiler chickens and young pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2006, 84, 3364-3374.	0.5	67
20	Fasting Induces an Anti-inflammatory Effect on the Neuroimmune System Which a High-Fat Diet Prevents. <i>Obesity</i> , 2011, 19, 1586-1594.	3.0	67
21	A Vision for Development and Utilization of High-Throughput Phenotyping and Big Data Analytics in Livestock. <i>Frontiers in Genetics</i> , 2019, 10, 1197.	2.3	64
22	Behavioral assessment of cognitive function using a translational neonatal piglet model. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1156-1165.	4.1	60
23	Prebiotics and Bioactive Milk Fractions Affect Gut Development, Microbiota, and Neurotransmitter Expression in Piglets. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 688-697.	1.8	60
24	An In Vivo Three-Dimensional Magnetic Resonance Imaging-Based Averaged Brain Collection of the Neonatal Piglet ( <i>Sus scrofa</i> ). <i>PLoS ONE</i> , 2014, 9, e107650.	2.5	56
25	Dietary Sialyllactose Influences Sialic Acid Concentrations in the Prefrontal Cortex and Magnetic Resonance Imaging Measures in Corpus Callosum of Young Pigs. <i>Nutrients</i> , 2017, 9, 1297.	4.1	56
26	Betaine Can Partially Spare Choline in Chicks but Only When Added to Diets Containing a Minimal Level of Choline. <i>Journal of Nutrition</i> , 2007, 137, 2224-2228.	2.9	51
27	Place and direction learning in a spatial T-maze task by neonatal piglets. <i>Animal Cognition</i> , 2012, 15, 667-676.	1.8	51
28	Effects of a high level of phytase on broiler performance, bone ash, phosphorus utilization, and phytate dephosphorylation to inositol. <i>Poultry Science</i> , 2018, 97, 211-218.	3.4	51
29	<i>Escherichia coli</i> phytase improves growth performance of starter, grower, and finisher pigs fed phosphorus-deficient diets <sup>1</sup> . <i>Journal of Animal Science</i> , 2005, 83, 1882-1889.	0.5	49
30	Gut-Brain Axis in the Early Postnatal Years of Life: A Developmental Perspective. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 44.	2.1	48
31	Perinatal choline deficiency delays brain development and alters metabolite concentrations in the young pig. <i>Nutritional Neuroscience</i> , 2016, 19, 425-433.	3.1	47
32	Oral N-acetyl-L-cysteine is a safe and effective precursor of cysteine <sup>1</sup> . <i>Journal of Animal Science</i> , 2007, 85, 1712-1718.	0.5	46
33	Dietary polydextrose and galactooligosaccharide increase exploratory behavior, improve recognition memory, and alter neurochemistry in the young pig. <i>Nutritional Neuroscience</i> , 2019, 22, 499-512.	3.1	46
34	Response of growing pigs to <i>Peniophora lycii</i> - and <i>Escherichia coli</i> -derived phytases or varying ratios of calcium to total phosphorus. <i>Animal Science</i> , 2006, 82, 637-644.	1.3	43
35	Excess Dietary L-Cysteine, but Not L-Cystine, Is Lethal for Chicks but Not for Rats or Pigs. <i>Journal of Nutrition</i> , 2007, 137, 331-338.	2.9	43
36	Modulation of the intestinal environment, innate immune response, and barrier function by dietary threonine and purified fiber during a coccidiosis challenge in broiler chicks. <i>Poultry Science</i> , 2013, 92, 735-745.	3.4	43

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37	Influence of dietary calcium concentrations and the calcium-to-non-phytate phosphorus ratio on growth performance, bone characteristics, and digestibility in broilers. <i>Poultry Science</i> , 2017, 96, 2795-2803.	3.4	43
38	Immunomodulatory potential of dietary soybean-derived isoflavones and saponins in pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 1288-1304.	0.5	43
39	dl-Methionine Is as Efficacious as l-Methionine, but Modest l-Cystine Excesses Are Anorexigenic in Sulfur Amino Acid-Deficient Purified and Practical-Type Diets Fed to Chicks. <i>Poultry Science</i> , 2007, 86, 2367-2374.	3.4	41
40	Efficacy of guanidinoacetic acid on growth and muscle energy metabolism in broiler chicks receiving arginine-deficient diets. <i>Poultry Science</i> , 2018, 97, 890-900.	3.4	40
41	Porcine Milk Oligosaccharides and Sialic Acid Concentrations Vary Throughout Lactation. <i>Frontiers in Nutrition</i> , 2016, 3, 39.	3.7	36
42	Young pigs exhibit differential exploratory behavior during novelty preference tasks in response to age, sex, and delay. <i>Behavioural Brain Research</i> , 2017, 321, 50-60.	2.2	36
43	Potato fiber as a dietary fiber source in dog foods. <i>Journal of Animal Science</i> , 2013, 91, 5344-5352.	0.5	34
44	Effects of dietary soybean meal concentration on growth and immune response of pigs infected with porcine reproductive and respiratory syndrome virus <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 2987-2997.	0.5	33
45	The role of oligosaccharides and polysaccharides of xylan and mannan in gut health of monogastric animals. <i>Journal of Nutritional Science</i> , 2020, 9, e21.	1.9	33
46	Combined dietary effects of supplemental threonine and purified fiber on growth performance and intestinal health of young chicks. <i>Poultry Science</i> , 2013, 92, 726-734.	3.4	32
47	Fructose decreases physical activity and increases body fat without affecting hippocampal neurogenesis and learning relative to an isocaloric glucose diet. <i>Scientific Reports</i> , 2015, 5, 9589.	3.3	32
48	Effects of dietary copper and amino acid density on growth performance, apparent metabolizable energy, and nutrient digestibility in <i>Eimeria acervulina</i> -challenged broilers. <i>Poultry Science</i> , 2017, 96, 602-610.	3.4	31
49	Influence of feeding thermally peroxidized soybean oil on oxidative status in growing pigs. <i>Journal of Animal Science</i> , 2018, 96, 545-557.	0.5	31
50	Dietary Sialyllactose Does Not Influence Measures of Recognition Memory or Diurnal Activity in the Young Pig. <i>Nutrients</i> , 2018, 10, 395.	4.1	30
51	Effects of <i>Yucca schidigera</i> -derived saponin supplementation during a mixed <i>Eimeria</i> challenge in broilers. <i>Poultry Science</i> , 2019, 98, 3212-3222.	3.4	28
52	Human and Bovine Milk Oligosaccharides Elicit Improved Recognition Memory Concurrent With Alterations in Regional Brain Volumes and Hippocampal mRNA Expression. <i>Frontiers in Neuroscience</i> , 2020, 14, 770.	2.8	28
53	Responses of pigs to <i>Aspergillus niger</i> phytase supplementation of low-protein or high-phytin diets <sup>1</sup> . <i>Journal of Animal Science</i> , 2009, 87, 2581-2589.	0.5	27
54	Moderately Fermentable Potato Fiber Attenuates Signs and Inflammation Associated with Experimental Colitis in Mice. <i>Journal of Nutrition</i> , 2015, 145, 2781-2788.	2.9	27

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55	Perinatal Dietary Choline Deficiency in Sows Influences Concentrations of Choline Metabolites, Fatty Acids, and Amino Acids in Milk throughout Lactation. <i>Journal of Nutrition</i> , 2016, 146, 2216-2223.	2.9	27
56	2-Keto-4-(Methylthio)Butyric Acid (Keto Analog of Methionine) Is a Safe and Efficacious Precursor of L-Methionine in Chicks. <i>Journal of Nutrition</i> , 2007, 137, 1868-1873.	2.9	26
57	Inhibition of betaine-homocysteine S-methyltransferase in rats causes hyperhomocysteinemia and reduces liver cystathionine $\beta$ -synthase activity and methylation capacity. <i>Nutrition Research</i> , 2011, 31, 563-571.	2.9	25
58	Magnetic resonance imaging of the neonatal piglet brain. <i>Pediatric Research</i> , 2012, 71, 179-184.	2.3	25
59	Estimation of optimal ratios of digestible phenylalanine + tyrosine, histidine, and leucine to digestible lysine for performance and breast yield in broilers. <i>Poultry Science</i> , 2017, 96, 829-837.	3.4	23
60	The effects of a galactoglucomannan oligosaccharide-arabinoxylan (GGMO-AX) complex in broiler chicks challenged with <i>Eimeria acervulina</i> . <i>Poultry Science</i> , 2012, 91, 1089-1096.	3.4	22
61	Influence of dietary amino acid reductions and <i>Eimeria acervulina</i> infection on growth performance and intestinal cytokine responses of broilers fed low crude protein diets. <i>Poultry Science</i> , 2016, 95, 2602-2614.	3.4	22
62	Utilization of Energy and Amino Acids of Spray-Dried Egg, Plasma Protein, and Soybean Meal by Ducks. <i>Poultry Science</i> , 2004, 83, 939-945.	3.4	21
63	Early-Life Iron Deficiency Reduces Brain Iron Content and Alters Brain Tissue Composition Despite Iron Repletion: A Neuroimaging Assessment. <i>Nutrients</i> , 2018, 10, 135.	4.1	21
64	Cyst(e)ine imbalance and its effect on methionine precursor utilization in chicks. <i>Journal of Animal Science</i> , 2008, 86, 1832-1840.	0.5	20
65	Evaluation of Sialyllactose Supplementation of a Prebiotic-Containing Formula on Growth, Intestinal Development, and Bacterial Colonization in the Neonatal Piglet. <i>Current Developments in Nutrition</i> , 2018, 2, nzy067.	0.3	20
66	Evaluation of Dietary Bovine Milk Fat Globule Membrane Supplementation on Growth, Serum Cholesterol and Lipoproteins, and Neurodevelopment in the Young Pig. <i>Frontiers in Pediatrics</i> , 2019, 7, 417.	1.9	20
67	Ingestion of a novel galactoglucomannan oligosaccharide-arabinoxylan (GGMO-AX) complex affected growth performance and fermentative and immunological characteristics of broiler chicks challenged with <i>Salmonella typhimurium</i> . <i>Poultry Science</i> , 2012, 91, 2241-2254.	3.4	19
68	Dietary Iron Repletion following Early-Life Dietary Iron Deficiency Does Not Correct Regional Volumetric or Diffusion Tensor Changes in the Developing Pig Brain. <i>Frontiers in Neurology</i> , 2017, 8, 735.	2.4	19
69	Longitudinal Effects of Iron Deficiency Anemia and Subsequent Repletion on Blood Parameters and the Rate and Composition of Growth in Pigs. <i>Nutrients</i> , 2018, 10, 632.	4.1	19
70	Guanidinoacetic acid is efficacious in improving growth performance and muscle energy homeostasis in broiler chicks fed arginine-deficient or arginine-adequate diets. <i>Poultry Science</i> , 2019, 98, 2896-2905.	3.4	19
71	Excess Dietary L-Cysteine Causes Lethal Metabolic Acidosis in Chicks. <i>Journal of Nutrition</i> , 2008, 138, 1628-1633.	2.9	18
72	Effects of dietary clays on performance and intestinal mucus barrier of broiler chicks challenged with <i>Salmonella enterica</i> serovar Typhimurium and on goblet cell function in vitro. <i>Poultry Science</i> , 2014, 93, 839-847.	3.4	17

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73	Early-Life Iron Deficiency and Subsequent Repletion Alters Development of the Colonic Microbiota in the Pig. <i>Frontiers in Nutrition</i> , 2019, 6, 120.	3.7	17
74	Influence of Rearing Environment on Longitudinal Brain Development, Object Recognition Memory, and Exploratory Behaviors in the Domestic Pig ( <i>Sus scrofa</i> ). <i>Frontiers in Neuroscience</i> , 2021, 15, 649536.	2.8	17
75	Interactive effects of dietary arginine and <i>Eimeria acervulina</i> infection on broiler growth performance and metabolism. <i>Poultry Science</i> , 2017, 96, 659-666.	3.4	16
76	Effects of dietary soy isoflavones and soy protein source on response of weanling pigs to porcine reproductive and respiratory syndrome viral infection. <i>Journal of Animal Science</i> , 2019, 97, 2989-3006.	0.5	16
77	Early-Life Supplementation of Bovine Milk Osteopontin Supports Neurodevelopment and Influences Exploratory Behavior. <i>Nutrients</i> , 2020, 12, 2206.	4.1	16
78	Dietary Oligofructose Alone or in Combination with 2- $\alpha$ -Fucosyllactose Differentially Improves Recognition Memory and Hippocampal mRNA Expression. <i>Nutrients</i> , 2020, 12, 2131.	4.1	16
79	Plasma metabolomics indicates metabolic perturbations in low birth weight piglets supplemented with arginine. <i>Journal of Animal Science</i> , 2015, 93, 5754-5763.	0.5	15
80	Dietary L-Homoserine Spares Threonine in Chicks. <i>Journal of Nutrition</i> , 2009, 139, 1298-1302.	2.9	14
81	Dietary methylsulfonylmethane supplementation and oxidative stress in broiler chickens. <i>Poultry Science</i> , 2020, 99, 914-925.	3.4	14
82	Dietary soy isoflavones reduce pathogen-related mortality in growing pigs under porcine reproductive and respiratory syndrome viral challenge. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	13
83	Bovine Milk Oligosaccharides and Human Milk Oligosaccharides Modulate the Gut Microbiota Composition and Volatile Fatty Acid Concentrations in a Preclinical Neonatal Model. <i>Microorganisms</i> , 2021, 9, 884.	3.6	13
84	Moderate Perinatal Choline Deficiency Elicits Altered Physiology and Metabolomic Profiles in the Piglet. <i>PLoS ONE</i> , 2015, 10, e0133500.	2.5	12
85	High-resolution magnetic resonance imaging-based atlases for the young and adolescent domesticated pig ( <i>Sus scrofa</i> ). <i>Journal of Neuroscience Methods</i> , 2021, 354, 109107.	2.5	12
86	Effects of oligosaccharides in a soybean meal-based diet on fermentative and immune responses in broiler chicks challenged with <i>Eimeria acervulina</i> . <i>Poultry Science</i> , 2012, 91, 3132-3140.	3.4	11
87	Maternal Dietary Choline Status Influences Brain Gray and White Matter Development in Young Pigs. <i>Current Developments in Nutrition</i> , 2018, 2, nzy015.	0.3	11
88	Potato ingestion is as effective as carbohydrate gels to support prolonged cycling performance. <i>Journal of Applied Physiology</i> , 2019, 127, 1651-1659.	2.5	11
89	Effect of reciprocating dietary lysine fluctuations on chick growth and carcass yield. <i>Poultry Science</i> , 2006, 85, 1226-1231.	3.4	9
90	Evaluation of soluble corn fiber on chemical composition and nitrogen-corrected true metabolizable energy and its effects on in vitro fermentation and in vivo responses in dogs. <i>Journal of Animal Science</i> , 2015, 93, 2191-2200.	0.5	9

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91	Dietary Alpha-Lipoic Acid Alters Piglet Neurodevelopment. <i>Frontiers in Pediatrics</i> , 2016, 4, 44.	1.9	9
92	TECHNICAL NOTE: A method for detection of differences in cook loss and tenderness of aged pork chops cooked to differing degrees of doneness using sous-vide. <i>Journal of Animal Science</i> , 2019, 97, 3348-3353.	0.5	9
93	Toxicity and tissue distribution of methylsulfonylmethane following oral gavage in broilers. <i>Poultry Science</i> , 2019, 98, 4972-4981.	3.4	9
94	Impact of Arachidonic and Docosahexaenoic Acid Supplementation on Neural and Immune Development in the Young Pig. <i>Frontiers in Nutrition</i> , 2020, 7, 592364.	3.7	9
95	A novel model of acquired hydrocephalus for evaluation of neurosurgical treatments. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 49.	5.0	9
96	Comparison of Brain Development in Sow-Reared and Artificially Reared Piglets. <i>Frontiers in Pediatrics</i> , 2016, 4, 95.	1.9	8
97	Dietary supplementation with anti-IL-10 antibody during a severe <i>Eimeria</i> challenge in broiler chickens. <i>Poultry Science</i> , 2020, 99, 6493-6502.	3.4	7
98	Effects of methylsulfonylmethane and neutralizing anti-IL-10 antibody supplementation during a mild <i>Eimeria</i> challenge infection in broiler chickens. <i>Poultry Science</i> , 2020, 99, 6559-6568.	3.4	7
99	Effects of lysine biomass supplementation on growth performance and clinical indicators in broiler chickens. <i>Poultry Science</i> , 2021, 100, 100971.	3.4	7
100	Evaluation of 2-Fucosyllactose and <i>Bifidobacterium longum</i> Subspecies <i>infantis</i> on Growth, Organ Weights, and Intestinal Development of Piglets. <i>Nutrients</i> , 2022, 14, 199.	4.1	7
101	Influence of 2-Fucosyllactose and <i>Bifidobacterium longum</i> Subspecies <i>infantis</i> Supplementation on Cognitive and Structural Brain Development in Young Pigs. <i>Frontiers in Neuroscience</i> , 2022, 16, 860368.	2.8	7
102	A Mediation Analysis to Identify Links between Gut Bacteria and Memory in Context of Human Milk Oligosaccharides. <i>Microorganisms</i> , 2021, 9, 846.	3.6	6
103	Influence of Dietary Polar Lipid Supplementation on Memory and Longitudinal Brain Development. <i>Nutrients</i> , 2021, 13, 2486.	4.1	6
104	Dietary pectin at 0.2% in milk replacer did not inhibit growth, feed intake, or nutrient digestibility in a 3-week neonatal pig study. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 114, 104669.	2.7	6
105	Dietary osteopontin-enriched algal protein as nutritional support in weaned pigs infected with F18-fimbriated enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2020, 98, .	0.5	5
106	Safety and Efficacy of Sodium and Potassium Arachidonic Acid Salts in the Young Pig. <i>Nutrients</i> , 2021, 13, 1482.	4.1	5
107	Developing a Reference Database for Typical Body and Organ Growth of the Artificially Reared Pig as a Biomedical Research Model. <i>Frontiers in Pediatrics</i> , 2021, 9, 746471.	1.9	5
108	Immunomodulatory effects of whole yeast cells and capsicum in weanling pigs challenged with pathogenic <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2019, 97, 1784-1795.	0.5	4

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109	Alterations of fecal microbiome characteristics by dietary soy isoflavone ingestion in growing pigs infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	4
110	Extraction and Dissection of the Domesticated Pig Brain. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	4
111	52 Alterations of fecal microbiome characteristics by dietary soy isoflavone ingestion in growing pigs infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Animal Science</i> , 2020, 98, 30-31.	0.5	4
112	Dietary lutein plus zeaxanthin and choline intake is interactively associated with cognitive flexibility in middle-adulthood in adults with overweight and obesity. <i>Nutritional Neuroscience</i> , 2022, 25, 1437-1452.	3.1	3
113	Epigenetic MRI: Noninvasive imaging of DNA methylation in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119891119.	7.1	3
114	146 Ingestion of soy isoflavones alters the immune response of pigs during a respiratory viral challenge. <i>Journal of Animal Science</i> , 2017, 95, 69-69.	0.5	2
115	Osteopontin-Enriched Algae Modulates the Gut Microbiota Composition in Weaning Piglets Infected with Enterotoxigenic <i>Escherichia Coli</i> (P06-069-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz031.P06-069-19.	0.3	2
116	Young Domestic Pigs ( <i>Sus scrofa</i> ) Can Perform Pavlovian Eyeblink Conditioning. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 690019.	2.0	2
117	Effects of phytase supplementation and increased nutrient density on growth performance, carcass characteristics, and hypothalamic appetitive hormone expression and catecholamine concentrations in broilers from 1 to 43 days of age. <i>Poultry Science</i> , 2021, 100, 101495.	3.4	2
118	Digestibility of nitrogen and amino acids in soybean meal with added soyhulls <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2004, 82, 715-724.	0.5	2
119	Effects of feeding high oleic soybean oil to growing-finishing pigs on growth performance and carcass characteristics. <i>Journal of Animal Science</i> , 2022, 100, .	0.5	2
120	Evaluation of feeding spray-dried bovine plasma protein on production performance of laying hens exposed to high ambient temperatures. <i>Journal of Applied Poultry Research</i> , 2014, 23, 393-402.	1.2	1
121	Noninvasive imaging of cerebral blood volume in piglets with vascular occupancy MR imaging and inflow vascular space occupancy with dynamic subtraction. <i>Magnetic Resonance Imaging</i> , 2018, 50, 54-60.	1.8	1
122	Effect of porcine reproductive and respiratory syndrome virus infection and soy isoflavone supplementation on carcass cutability and meat quality of pigs. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	1
123	Developing a Reference Framework for Typical Development in the Young Pig. <i>Current Developments in Nutrition</i> , 2021, 5, 546.	0.3	1
124	Development of the enteric nervous system and intestinal neuroendocrine systems in small for gestational age and average for gestational age piglets during the first month of life (1017.1). <i>FASEB Journal</i> , 2014, 28, 1017.1.	0.5	1
125	Maternal immune activation and dietary soy isoflavone supplementation influence pig immune function but not muscle fiber formation. <i>Journal of Animal Science</i> , 2022, 100, .	0.5	1
126	Reply to Maitre et al.. <i>Journal of Nutrition</i> , 2013, 143, 549-549.	2.9	0



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127	Acute Exercise Increases Short Chain Fatty Acid Content In The Mouse Cecum. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 488.	0.4	0
128	0940 Immunomodulatory effects of whole yeast cells and capsicum in weanling pigs challenged with pathogenic <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2016, 94, 452-452.	0.5	0
129	74 Effects of dietary soy isoflavone supplementation on carcass cutability and meat quality of pigs infected with porcine reproductive and respiratory virus. <i>Journal of Animal Science</i> , 2019, 97, 41-42.	0.5	0
130	94 Dietary soy isoflavone ingestion alters the acute and recovery immune responses in growing pigs infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Animal Science</i> , 2019, 97, 52-52.	0.5	0
131	Impact of Arachidonic Acid and Docosahexaenoic Acid Supplementation on Tissue Fatty Acid Incorporation in the Young Pig (P09-009-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz033.P09-009-19.	0.3	0
132	Dietary Xanthophyll and Choline Intake Interactively Influence Cognitive Flexibility in Middle-Adulthood. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa041_005.	0.3	0
133	195 Nutritional Influences on Brain and Cognitive Development. <i>Journal of Animal Science</i> , 2020, 98, 8-9.	0.5	0
134	Effects of Salmon Ingestion on Post-Exercise Muscle Protein Synthesis: Exploration of Whole Protein Foods Versus Isolated Nutrients. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa049_043.	0.3	0
135	Sodium buffered formic acid concentration and feed pH is stable over a 3-month period. <i>Translational Animal Science</i> , 2021, 5, txab085.	1.1	0
136	Effects of maternal and postnatal infection with porcine reproductive and respiratory syndrome virus on muscle growth and development in piglets (731.10). <i>FASEB Journal</i> , 2014, 28, 731.10.	0.5	0
137	Immunohistochemical Detection of Gut-Brain-Axis Markers along the Gastrointestinal Tract of Formula-Fed Piglets. <i>FASEB Journal</i> , 2015, 29, 754.1.	0.5	0
138	Early Supplementation of Phospholipids and Gangliosides Affects Brain and Cognitive Development in Neonatal Piglets. <i>FASEB Journal</i> , 2015, 29, 121.5.	0.5	0
139	A Dietary Prebiotic Blend of Polydextrose and Galactooligosaccharides with Bioactive Whey Protein Fractions Affects Piglet Intestinal Function and Brain Microstructure. <i>FASEB Journal</i> , 2015, 29, 265.4.	0.5	0
140	Hippocampal Metabolites Correlate with Neuroimaging Outcomes in the Piglet. <i>FASEB Journal</i> , 2015, 29, 754.5.	0.5	0
141	Detection of Differences in Cook Loss and Tenderness of Aged Pork Chops Cooked to Differing Degrees of Doneness Using Sous-Vide. <i>Meat and Muscle Biology</i> , 2019, 3, 69-69.	1.9	0
142	Assessment of digestible lysine requirements in lipopolysaccharide-challenged pigs. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	0
143	324 Milk Fat Globule Membrane from Bovine Milk on Brain Development of Early Life. <i>Journal of Animal Science</i> , 2020, 98, 68-68.	0.5	0
144	Corrigendum to "Toxicity and tissue distribution of methylsulfonylmethane following oral gavage in broilers". <i>Poultry Science</i> , 2019, .	3.4	0