

# Ryan Dilger

## List of Publications by Year in descending order

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144  
papers

4,330  
citations

100601

38  
h-index

150775

59  
g-index

147  
all docs

147  
docs citations

147  
times ranked

4932  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.5	3
2	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.	3.3	3
3	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, .	0.2	2
4	Evaluation of 2â€™-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.	1.7	7
5	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, .	0.2	1
6	Influence of 2â€™-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.	1.4	7
7	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.	1.4	17
8	Effects of lysine biomass supplementation on growth performance and clinical indicators in broiler chickens. <i>Poultry Science</i> , 2021, 100, 100971.	1.5	7
9	A Mediation Analysis to Identify Links between Gut Bacteria and Memory in Context of Human Milk Oligosaccharides. <i>Microorganisms</i> , 2021, 9, 846.	1.6	6
10	Extraction and Dissection of the Domesticated Pig Brain. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	4
11	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.	1.3	12
12	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.	1.6	13
13	Safety and Efficacy of Sodium and Potassium Arachidonic Acid Salts in the Young Pig. <i>Nutrients</i> , 2021, 13, 1482.	1.7	5
14	Sodium buffered formic acid concentration and feed pH is stable over a 3-month period. <i>Translational Animal Science</i> , 2021, 5, txab085.	0.4	0
15	Young Domestic Pigs ( <i>Sus scrofa</i> ) Can Perform Pavlovian Eyeblink Conditioning. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 690019.	1.0	2
16	Developing a Reference Framework for Typical Development in the Young Pig. <i>Current Developments in Nutrition</i> , 2021, 5, 546.	0.1	1
17	Influence of Dietary Polar Lipid Supplementation on Memory and Longitudinal Brain Development. <i>Nutrients</i> , 2021, 13, 2486.	1.7	6
18	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.	1.5	2

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19	Assessment of digestible lysine requirements in lipopolysaccharide-challenged pigs. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	0
20	A novel model of acquired hydrocephalus for evaluation of neurosurgical treatments. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 49.	2.4	9
21	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.	0.9	5
22	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, .	0.2	5
23	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.	1.5	7
24	Dietary Xanthophyll and Choline Intake Interactively Influence Cognitive Flexibility in Middle-Adulthood. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa041_005.	0.1	0
25	195 Nutritional Influences on Brain and Cognitive Development. <i>Journal of Animal Science</i> , 2020, 98, 8-9.	0.2	0
26	Early-Life Supplementation of Bovine Milk Osteopontin Supports Neurodevelopment and Influences Exploratory Behavior. <i>Nutrients</i> , 2020, 12, 2206.	1.7	16
27	Dietary Oligofructose Alone or in Combination with $\alpha$ -Fucosyllactose Differentially Improves Recognition Memory and Hippocampal mRNA Expression. <i>Nutrients</i> , 2020, 12, 2131.	1.7	16
28	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.	1.4	28
29	Gut-Brain Axis in the Early Postnatal Years of Life: A Developmental Perspective. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 44.	1.0	48
30	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.	1.5	7
31	Impact of Arachidonic and Docosahexaenoic Acid Supplementation on Neural and Immune Development in the Young Pig. <i>Frontiers in Nutrition</i> , 2020, 7, 592364.	1.6	9
32	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, .	0.2	4
33	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.	0.1	0
34	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.	0.7	33
35	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, .	0.2	1
36	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, .	0.2	13

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37	Dietary methylsulfonylmethane supplementation and oxidative stress in broiler chickens. Poultry Science, 2020, 99, 914-925.	1.5	14
38	Dietary pectin at 0.2% in milk replacer did not inhibit growth, feed intake, or nutrient digestibility in a 3-week neonatal pig study. Regulatory Toxicology and Pharmacology, 2020, 114, 104669.	1.3	6
39	52 Alterations of fecal microbiome characteristics by dietary soy isoflavone ingestion in growing pigs infected with porcine reproductive and respiratory syndrome virus. Journal of Animal Science, 2020, 98, 30-31.	0.2	4
40	324 Milk Fat Globule Membrane from Bovine Milk on Brain Development of Early Life. Journal of Animal Science, 2020, 98, 68-68.	0.2	0
41	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. Journal of Animal Science, 2019, 97, 3348-3353.	0.2	9
42	Potato ingestion is as effective as carbohydrate gels to support prolonged cycling performance. Journal of Applied Physiology, 2019, 127, 1651-1659.	1.2	11
43	Early-Life Iron Deficiency and Subsequent Repletion Alters Development of the Colonic Microbiota in the Pig. Frontiers in Nutrition, 2019, 6, 120.	1.6	17
44	74 Effects of dietary soy isoflavone supplementation on carcass cutability and meat quality of pigs infected with porcine reproductive and respiratory virus. Journal of Animal Science, 2019, 97, 41-42.	0.2	0
45	94 Dietary soy isoflavone ingestion alters the acute and recovery immune responses in growing pigs infected with porcine reproductive and respiratory syndrome virus. Journal of Animal Science, 2019, 97, 52-52.	0.2	0
46	Osteopontin-Enriched Algae Modulates the Gut Microbiota Composition in Weaning Piglets Infected with Enterotoxigenic Escherichia Coli (P06-069-19). Current Developments in Nutrition, 2019, 3, nzz031.P06-069-19.	0.1	2
47	Impact of Arachidonic Acid and Docosahexaenoic Acid Supplementation on Tissue Fatty Acid Incorporation in the Young Pig (P09-009-19). Current Developments in Nutrition, 2019, 3, nzz033.P09-009-19.	0.1	0
48	Toxicity and tissue distribution of methylsulfonylmethane following oral gavage in broilers. Poultry Science, 2019, 98, 4972-4981.	1.5	9
49	Effects of dietary soy isoflavones and soy protein source on response of weanling pigs to porcine reproductive and respiratory syndrome viral infection. Journal of Animal Science, 2019, 97, 2989-3006.	0.2	16
50	Guanidinoacetic acid is efficacious in improving growth performance and muscle energy homeostasis in broiler chicks fed arginine-deficient or arginine-adequate diets. Poultry Science, 2019, 98, 2896-2905.	1.5	19
51	Effects of Yucca schidigera-derived saponin supplementation during a mixed Eimeria challenge in broilers. Poultry Science, 2019, 98, 3212-3222.	1.5	28
52	Immunomodulatory effects of whole yeast cells and capsicum in weanling pigs challenged with pathogenic <i>Escherichia coli</i> 1. Journal of Animal Science, 2019, 97, 1784-1795.	0.2	4
53	A Vision for Development and Utilization of High-Throughput Phenotyping and Big Data Analytics in Livestock. Frontiers in Genetics, 2019, 10, 1197.	1.1	64
54	Evaluation of Dietary Bovine Milk Fat Globule Membrane Supplementation on Growth, Serum Cholesterol and Lipoproteins, and Neurodevelopment in the Young Pig. Frontiers in Pediatrics, 2019, 7, 417.	0.9	20

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55	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.	1.5	46
56	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.	0.7	0
57	CorrigendumCorrigendum to "Toxicity and tissue distribution of methylsulfonylmethane following oral gavage in broilers". <i>Poultry Science</i> , 2019, , .	1.5	0
58	Influence of feeding thermally peroxidized soybean oil on oxidative status in growing pigs. <i>Journal of Animal Science</i> , 2018, 96, 545-557.	0.2	31
59	Immunomodulatory potential of dietary soybean-derived isoflavones and saponins in pigs1. <i>Journal of Animal Science</i> , 2018, 96, 1288-1304.	0.2	43
60	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.	1.0	1
61	Maternal Dietary Choline Status Influences Brain Gray and White Matter Development in Young Pigs. <i>Current Developments in Nutrition</i> , 2018, 2, nzy015.	0.1	11
62	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.	1.5	51
63	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.	1.5	40
64	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.	0.1	20
65	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.	1.7	21
66	Dietary Sialyllactose Does Not Influence Measures of Recognition Memory or Diurnal Activity in the Young Pig. <i>Nutrients</i> , 2018, 10, 395.	1.7	30
67	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.	1.7	19
68	Early-Life Nutrition and Neurodevelopment: Use of the Piglet as a Translational Model. <i>Advances in Nutrition</i> , 2017, 8, 92-104.	2.9	84
69	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.	1.2	36
70	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.	1.5	43
71	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.	4.3	101
72	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.	1.5	23

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73	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.	1.5	16
74	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.	1.5	31
75	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.	0.2	2
76	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.	1.7	56
77	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.	1.1	19
78	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.	0.2	0
79	Porcine Milk Oligosaccharides and Sialic Acid Concentrations Vary Throughout Lactation. <i>Frontiers in Nutrition</i> , 2016, 3, 39.	1.6	36
80	Dietary Prebiotics, Milk Fat Globule Membrane, and Lactoferrin Affects Structural Neurodevelopment in the Young Piglet. <i>Frontiers in Pediatrics</i> , 2016, 4, 4.	0.9	88
81	Dietary Alpha-Lipoic Acid Alters Piglet Neurodevelopment. <i>Frontiers in Pediatrics</i> , 2016, 4, 44.	0.9	9
82	Comparison of Brain Development in Sow-Reared and Artificially Reared Piglets. <i>Frontiers in Pediatrics</i> , 2016, 4, 95.	0.9	8
83	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.	1.5	22
84	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.	1.3	27
85	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.	0.9	60
86	Perinatal choline deficiency delays brain development and alters metabolite concentrations in the young pig. <i>Nutritional Neuroscience</i> , 2016, 19, 425-433.	1.5	47
87	Effects of <i>Eimeria acervulina</i> infection severity on growth performance, apparent ileal amino acid digestibility, and plasma concentrations of amino acids, carotenoids, and I $\pm$ 1-acid glycoprotein in broilers. <i>Poultry Science</i> , 2016, 95, 1573-1581.	1.5	68
88	Plasma metabolomics indicates metabolic perturbations in low birth weight piglets supplemented with arginine1. <i>Journal of Animal Science</i> , 2015, 93, 5754-5763.	0.2	15
89	Acute Exercise Increases Short Chain Fatty Acid Content In The Mouse Cecum. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 488.	0.2	0
90	Effects of dietary soybean meal concentration on growth and immune response of pigs infected with porcine reproductive and respiratory syndrome virus1. <i>Journal of Animal Science</i> , 2015, 93, 2987-2997.	0.2	33

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91	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.	0.2	9
92	Moderate Perinatal Choline Deficiency Elicits Altered Physiology and Metabolomic Profiles in the Piglet. <i>PLoS ONE</i> , 2015, 10, e0133500.	1.1	12
93	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.	1.2	99
94	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.	1.6	32
95	Moderately Fermentable Potato Fiber Attenuates Signs and Inflammation Associated with Experimental Colitis in Mice. <i>Journal of Nutrition</i> , 2015, 145, 2781-2788.	1.3	27
96	Immunohistochemical Detection of Gut-Brain Axis Markers along the Gastrointestinal Tract of Formula-Fed Piglets. <i>FASEB Journal</i> , 2015, 29, 754.1.	0.2	0
97	Early Supplementation of Phospholipids and Gangliosides Affects Brain and Cognitive Development in Neonatal Piglets. <i>FASEB Journal</i> , 2015, 29, 121.5.	0.2	0
98	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.	0.2	0
99	Hippocampal Metabolites Correlate with Neuroimaging Outcomes in the Piglet. <i>FASEB Journal</i> , 2015, 29, 754.5.	0.2	0
100	Early Supplementation of Phospholipids and Gangliosides Affects Brain and Cognitive Development in Neonatal Piglets. <i>Journal of Nutrition</i> , 2014, 144, 1903-1909.	1.3	88
101	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.	0.6	1
102	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.	1.5	17
103	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.	1.1	56
104	A Neonatal Piglet Model for Investigating Brain and Cognitive Development in Small for Gestational Age Human Infants. <i>PLoS ONE</i> , 2014, 9, e91951.	1.1	75
105	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.	0.2	1
106	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.	0.2	0
107	Dietary guanidino acetic acid is an efficacious replacement for arginine for young chicks. <i>Poultry Science</i> , 2013, 92, 171-177.	1.5	89
108	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.	1.5	43

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109	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.	1.5	32
110	Reply to Maitre et al.. <i>Journal of Nutrition</i> , 2013, 143, 549-549.	1.3	0
111	Potato fiber as a dietary fiber source in dog foods. <i>Journal of Animal Science</i> , 2013, 91, 5344-5352.	0.2	34
112	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.	1.5	11
113	Early Life Iron Deficiency Impairs Spatial Cognition in Neonatal Piglets ,2. <i>Journal of Nutrition</i> , 2012, 142, 2050-2056.	1.3	79
114	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.	1.5	22
115	Brain Growth of the Domestic Pig <b><i>(Sus scrofa)</i></b> from 2 to 24 Weeks of Age: A Longitudinal MRI Study. <i>Developmental Neuroscience</i> , 2012, 34, 291-298.	1.0	160
116	Magnetic resonance imaging of the neonatal piglet brain. <i>Pediatric Research</i> , 2012, 71, 179-184.	1.1	25
117	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.	1.5	19
118	Place and direction learning in a spatial T-maze task by neonatal piglets. <i>Animal Cognition</i> , 2012, 15, 667-676.	0.9	51
119	Inhibition of betaine-homocysteine S-methyltransferase in rats causes hyperhomocysteinemia and reduces liver cystathionine l <sup>2</sup> -synthase activity and methylation capacity. <i>Nutrition Research</i> , 2011, 31, 563-571.	1.3	25
120	Fasting Induces an Anti-inflammatory Effect on the Neuroimmune System Which a High-Fat Diet Prevents. <i>Obesity</i> , 2011, 19, 1586-1594.	1.5	67
121	Luteolin Inhibits Microglia and Alters Hippocampal-Dependent Spatial Working Memory in Aged Mice. <i>Journal of Nutrition</i> , 2010, 140, 1892-1898.	1.3	131
122	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.	2.0	86
123	Behavioral assessment of cognitive function using a translational neonatal piglet model. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1156-1165.	2.0	60
124	Responses of pigs to <i>Aspergillus niger</i> phytase supplementation of low-protein or high-phytin diets1. <i>Journal of Animal Science</i> , 2009, 87, 2581-2589.	0.2	27
125	Dietary L-Homoserine Spares Threonine in Chicks ,. <i>Journal of Nutrition</i> , 2009, 139, 1298-1302.	1.3	14
126	Cognitive deficits in interleukin-10-deficient mice after peripheral injection of lipopolysaccharide. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 794-802.	2.0	97



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127	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.	1.5	317
128	Cyst(e)ine imbalance and its effect on methionine precursor utilization in chicks. <i>Journal of Animal Science</i> , 2008, 86, 1832-1840.	0.2	20
129	Excess Dietary l-Cysteine Causes Lethal Metabolic Acidosis in Chicks. <i>Journal of Nutrition</i> , 2008, 138, 1628-1633.	1.3	18
130	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.	1.3	51
131	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.	1.5	41
132	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.	0.2	46
133	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.	1.3	26
134	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.	1.3	43
135	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.	1.5	73
136	Effect of reciprocating dietary lysine fluctuations on chick growth and carcass yield. <i>Poultry Science</i> , 2006, 85, 1226-1231.	1.5	9
137	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.	0.2	70
138	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.	0.2	67
139	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
140	<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.	0.2	49
141	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.	0.2	155
142	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.	1.5	21
143	Evaluation of Microbial Phytase in Broiler Diets. <i>Poultry Science</i> , 2004, 83, 962-970.	1.5	128
144	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.	0.2	2