

# Shenfei Long

## List of Publications by Year in descending order

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87  
papers

2,451  
citations

257101

24  
h-index

243296

44  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential oil and aromatic plants as feed additives in non-ruminant nutrition: a review. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 7.	2.1	327
2	Effects of Adding Essential Oil to the Diet of Weaned Pigs on Performance, Nutrient Utilization, Immune Response and Intestinal Health. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 1617-1626.	2.4	136
3	Mixed organic acids as antibiotic substitutes improve performance, serum immunity, intestinal morphology and microbiota for weaned piglets. <i>Animal Feed Science and Technology</i> , 2018, 235, 23-32.	1.1	110
4	Effects of essential oil supplementation of a low-energy diet on performance, intestinal morphology and microflora, immune properties and antioxidant activities in weaned pigs. <i>Animal Science Journal</i> , 2015, 86, 279-285.	0.6	104
5	Effect of <i>Bacillus amyloliquefaciens</i> -based Direct-fed Microbial on Performance, Nutrient Utilization, Intestinal Morphology and Cecal Microflora in Broiler Chickens. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 239-246.	2.4	103
6	Lignans from the fruits of <i>Forsythia suspensa</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1980-1984.	1.0	92
7	Effect of organic acids and essential oils on performance, intestinal health and digestive enzyme activities of weaned pigs. <i>Animal Feed Science and Technology</i> , 2018, 235, 110-119.	1.1	77
8	Phenolic compounds as natural feed additives in poultry and swine diets: a review. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 48.	2.1	67
9	Effects of Probiotics as Antibiotics Substitutes on Growth Performance, Serum Biochemical Parameters, Intestinal Morphology, and Barrier Function of Broilers. <i>Animals</i> , 2019, 9, 985.	1.0	64
10	The interaction among gut microbes, the intestinal barrier and short chain fatty acids. <i>Animal Nutrition</i> , 2022, 9, 159-174.	2.1	59
11	<i>Forsythia suspensa</i> extract alleviates hypersensitivity induced by soybean $\beta$ -conglycinin in weaned piglets. <i>Journal of Ethnopharmacology</i> , 2010, 128, 412-418.	2.0	58
12	Extraction and identification of anthocyanin from purple corn ( <i>Zea mays</i> L.). <i>International Journal of Food Science and Technology</i> , 2009, 44, 2485-2492.	1.3	47
13	Effects of dietary fiber sources during late gestation and lactation on sow performance, milk quality, and intestinal health in piglets. <i>Journal of Animal Science</i> , 2019, 97, 4922-4933.	0.2	47
14	Soybean $\beta$ -conglycinin-induced gut hypersensitivity reaction in a piglet model. <i>Archives of Animal Nutrition</i> , 2009, 63, 188-202.	0.9	44
15	Effects of Hydrolysable Tannins as Zinc Oxide Substitutes on Antioxidant Status, Immune Function, Intestinal Morphology, and Digestive Enzyme Activities in Weaned Piglets. <i>Animals</i> , 2020, 10, 757.	1.0	40
16	Effects of replacing soybean meal, soy protein concentrate, fermented soybean meal or fish meal with enzyme-treated soybean meal on growth performance, nutrient digestibility, antioxidant capacity, immunity and intestinal morphology in weaned pigs. <i>Livestock Science</i> , 2019, 225, 39-46.	0.6	38
17	Impact of sugar beet pulp and wheat bran on serum biochemical profile, inflammatory responses and gut microbiota in sows during late gestation and lactation. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 54.	2.1	35
18	<i>Forsythia suspensa</i> extract attenuates lipopolysaccharide-induced inflammatory liver injury in rats via promoting antioxidant defense mechanisms. <i>Animal Science Journal</i> , 2017, 88, 873-881.	0.6	33

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19	Forsythia suspensa extract attenuates breast muscle oxidative injury induced by transport stress in broilers. Poultry Science, 2018, 97, 1554-1563.	1.5	33
20	Effect of Forsythia suspensa extract and chito-oligosaccharide alone or in combination on performance, intestinal barrier function, antioxidant capacity and immune characteristics of weaned piglets. Animal Science Journal, 2017, 88, 854-862.	0.6	32
21	Effects of coated proteases on the performance, nutrient retention, gut morphology and carcass traits of broilers fed corn or sorghum based diets supplemented with soybean meal. Animal Feed Science and Technology, 2017, 223, 119-127.	1.1	32
22	Different dietary protein sources influence growth performance, antioxidant capacity, immunity, fecal microbiota and metabolites in weaned piglets. Animal Nutrition, 2022, 8, 71-81.	2.1	32
23	Micro-encapsulated essential oils and organic acids combination improves intestinal barrier function, inflammatory responses and microbiota of weaned piglets challenged with enterotoxigenic Escherichia coli F4 (K88+). Animal Nutrition, 2020, 6, 269-277.	2.1	30
24	Super High Dosing with a Novel Buttiauxella Phytase Continuously Improves Growth Performance, Nutrient Digestibility, and Mineral Status of Weaned Pigs. Biological Trace Element Research, 2015, 168, 103-109.	1.9	27
25	Effect of variety and drying method on the nutritive value of corn for growing pigs. Journal of Animal Science and Biotechnology, 2014, 5, 18.	2.1	25
26	Prediction of digestible and metabolisable energy in soybean meals produced from soybeans of different origins fed to growing pigs. Archives of Animal Nutrition, 2015, 69, 473-486.	0.9	24
27	Dietary Inclusion of Mushroom (Flammulina velutipes) Stem Waste on Growth Performance, Antibody Response, Immune Status, and Serum Cholesterol in Broiler Chickens. Animals, 2019, 9, 692.	1.0	24
28	The involvement of NF- $\kappa$ B/P38 pathways in Scutellaria baicalensis extracts attenuating of Escherichia coli K88-induced acute intestinal injury in weaned piglets. British Journal of Nutrition, 2019, 122, 152-161.	1.2	24
29	Effects of microbial phytase on coefficient of standardized total tract digestibility of phosphorus in growing pigs fed corn and corn co-products, wheat and wheat co-products and oilseed meals. Animal Feed Science and Technology, 2015, 208, 132-144.	1.1	23
30	Characterization of a protease-resistant $\beta$ -galactosidase from Aspergillus oryzae YZ1 and its application in hydrolysis of raffinose family oligosaccharides from soymilk. International Journal of Biological Macromolecules, 2020, 158, 708-720.	3.6	21
31	Effect of Dietary Supplementation With Mixed Organic Acids on Immune Function, Antioxidative Characteristics, Digestive Enzymes Activity, and Intestinal Health in Broiler Chickens. Frontiers in Nutrition, 2021, 8, 673316.	1.6	21
32	Effects of live yeast (Saccharomyces cerevisiae) as a substitute to antibiotic on growth performance, immune function, serum biochemical parameters and intestinal morphology of broilers. Journal of Applied Animal Research, 2021, 49, 15-22.	0.4	21
33	Comparison of spray-dried egg and albumen powder with conventional animal protein sources as feed ingredients in diets fed to weaned pigs. Animal Science Journal, 2015, 86, 772-781.	0.6	20
34	Effects of maternal 25-hydroxycholecalciferol during the last week of gestation and lactation on serum parameters, intestinal morphology and microbiota in suckling piglets. Archives of Animal Nutrition, 2020, 74, 445-461.	0.9	20
35	Forsythia suspensa extract enhances performance via the improvement of nutrient digestibility, antioxidant status, anti-inflammatory function, and gut morphology in broilers. Poultry Science, 2020, 99, 4217-4226.	1.5	20
36	Source of fiber influences growth, immune responses, gut barrier function and microbiota in weaned piglets fed antibiotic-free diets. Animal Nutrition, 2021, 7, 315-325.	2.1	20

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37	Mixed organic acids as an alternative to antibiotics improve serum biochemical parameters and intestinal health of weaned piglets. <i>Animal Nutrition</i> , 2021, 7, 737-749.	2.1	20
38	Effects of Forsythia Suspense Extract as an Antibiotics Substitute on Growth Performance, Nutrient Digestibility, Serum Antioxidant Capacity, Fecal Escherichia coli Concentration and Intestinal Morphology of Weaned Piglets. <i>Animals</i> , 2019, 9, 729.	1.0	19
39	The Impact of Wheat Bran on the Morphology and Physiology of the Gastrointestinal Tract in Broiler Chickens. <i>Animals</i> , 2020, 10, 1831.	1.0	19
40	Effects of the standardized ileal digestible valine:Lysine ratio on performance, milk composition and plasma indices of lactating sows. <i>Animal Science Journal</i> , 2017, 88, 1082-1092.	0.6	18
41	Effect of fibre sources on performance, serum parameters, intestinal morphology, digestive enzyme activities and microbiota in weaned pigs. <i>Archives of Animal Nutrition</i> , 2020, 74, 121-137.	0.9	18
42	Effects of dietary supplementation with a combination of plant oils on performance, meat quality and fatty acid deposition of broilers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 1773-1780.	2.4	18
43	Mixed organic acids improve nutrients digestibility, volatile fatty acids composition and intestinal microbiota in growing-finishing pigs fed high-fiber diet. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 856-864.	2.4	17
44	Effects of maternal 25-hydroxycholecalciferol on nutrient digestibility, milk composition and fatty-acid profile of lactating sows and gut bacterial metabolites in the hindgut of suckling piglets. <i>Archives of Animal Nutrition</i> , 2019, 73, 271-286.	0.9	17
45	Restoring mitochondrial function and normalizing ROS/NF- $\kappa$ B/MAPK pathway exert key roles in glutamine ameliorating bisphenol A-induced intestinal injury. <i>FASEB Journal</i> , 2020, 34, 7442-7461.	0.2	16
46	Effects of dietary supplementation of compound enzymes on performance, nutrient digestibility, serum antioxidant status, immunoglobulins, intestinal morphology and microbiota community in weaned pigs. <i>Archives of Animal Nutrition</i> , 2021, 75, 31-47.	0.9	16
47	Aldehyde Dehydrogenase 2 as a Therapeutic Target in Oxidative Stress-Related Diseases: Post-Translational Modifications Deserve More Attention. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2682.	1.8	16
48	Effects of Dietary Fatty Acids from Different Sources on Growth Performance, Meat Quality, Muscle Fatty Acid Deposition, and Antioxidant Capacity in Broilers. <i>Animals</i> , 2020, 10, 508.	1.0	15
49	Natural capsicum extract replacing chlortetracycline enhances performance via improving digestive enzyme activities, antioxidant capacity, anti-inflammatory function, and gut health in weaned pigs. <i>Animal Nutrition</i> , 2021, 7, 305-314.	2.1	15
50	Supplementation of Mixed Organic Acids Improves Growth Performance, Meat Quality, Gut Morphology and Volatile Fatty Acids of Broiler Chicken. <i>Animals</i> , 2021, 11, 3020.	1.0	15
51	Comparative digestibility of energy and ileal amino acids in yeast extract and spray-dried porcine plasma fed to pigs. <i>Archives of Animal Nutrition</i> , 2018, 72, 76-84.	0.9	13
52	Maternal 25-hydroxycholecalciferol during lactation improves intestinal calcium absorption and bone properties in sow-suckling piglet pairs. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 1083-1094.	1.3	13
53	Chemical composition, energy content and amino acid digestibility in cottonseed meals fed to growing pigs. <i>Journal of Applied Animal Research</i> , 2019, 47, 280-288.	0.4	13
54	Live Yeast or Live Yeast Combined with Zinc Oxide Enhanced Growth Performance, Antioxidative Capacity, Immunoglobulins and Gut Health in Nursery Pigs. <i>Animals</i> , 2021, 11, 1626.	1.0	13

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55	Microencapsulated essential oils combined with organic acids improves immune antioxidant capacity and intestinal barrier function as well as modulates the hindgut microbial community in piglets. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 16.	2.1	13
56	<i>Forsythia suspensa</i> extract protects broilers against breast muscle oxidative injury induced by corticosterone mimicked pre-slaughter acute stress. <i>Poultry Science</i> , 2018, 97, 2095-2105.	1.5	12
57	Determination of the available energy values and amino acid digestibility of <i>Flammulina velutipes</i> stem waste and its effects on carcass trait and meat quality fed to growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 41.	2.1	12
58	Different copper sources and levels affect growth performance, copper content, carcass characteristics, intestinal microorganism and metabolism of finishing pigs. <i>Animal Nutrition</i> , 2022, 8, 321-330.	2.1	12
59	Identification of Metabonomics Changes in Longissimus Dorsi Muscle of Finishing Pigs Following Heat Stress through LC-MS/MS-Based Metabonomics Method. <i>Animals</i> , 2020, 10, 129.	1.0	10
60	Dietary 25-hydroxycholecalciferol supplementation improves performance, immunity, antioxidant status, intestinal morphology, and bone quality in weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2592-2600.	1.7	10
61	Changes in Growth Performance and Ileal Microbiota Composition by Xylanase Supplementation in Broilers Fed Wheat-Based Diets. <i>Frontiers in Microbiology</i> , 2021, 12, 706396.	1.5	10
62	Effect of Different Cross-Fostering Strategies on Growth Performance, Stress Status and Immunoglobulin of Piglets. <i>Animals</i> , 2021, 11, 499.	1.0	9
63	Effects of 25-hydroxyvitamin D <sub>3</sub> on growth performance, serum parameters, fecal microbiota, and metabolites in weaned piglets fed diets with low calcium and phosphorus. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 597-606.	1.7	9
64	Effects of proteinate complex zinc on growth performance, hepatic and splenic trace elements concentrations, antioxidative function and immune functions in weaned piglets. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 1160-1167.	2.4	9
65	Determination and prediction of the apparent and standardized ileal amino acid digestibility in cottonseed meals fed to growing pigs. <i>Animal Science Journal</i> , 2019, 90, 655-666.	0.6	8
66	Mushroom ( <i>Flammulina velutipes</i> ) stem residue on growth performance, meat quality, antioxidant status and lipid metabolism of broilers. <i>Italian Journal of Animal Science</i> , 2020, 19, 803-812.	0.8	8
67	Use of 25-hydroxyvitamin D <sub>3</sub> in diets for sows: A review. <i>Animal Nutrition</i> , 2021, 7, 728-736.	2.1	8
68	Metabolizable energy requirement for maintenance estimated by regression analysis of body weight gain or metabolizable energy intake in growing pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1397-1406.	2.4	8
69	Effects of dietary calcium and phosphorus levels and supplementation of 25-hydroxycholecalciferol on performance and bone properties of broiler starters. <i>Archives of Animal Nutrition</i> , 2019, 73, 445-456.	0.9	7
70	Use of Medicinal Mushrooms in Layer Ration. <i>Animals</i> , 2019, 9, 1014.	1.0	7
71	Determination of the available energy, standardized ileal digestibility of amino acids of fermented corn germ meal replacing soybean meal in growing pig diets. <i>Animal Nutrition</i> , 2022, 9, 259-268.	2.1	7
72	Determination and prediction of the digestible and metabolisable energy content of barley for growing pigs based on chemical composition. <i>Archives of Animal Nutrition</i> , 2017, 71, 108-119.	0.9	6

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73	Dietary Supplementation with <i>Flammulina velutipes</i> Stem Waste on Growth Performance, Fecal Short Chain Fatty Acids and Serum Profile in Weaned Piglets. <i>Animals</i> , 2020, 10, 82.	1.0	6
74	Dietary supplementation with <i>Forsythia suspensa</i> extract during late gestation improves reproductive performance, colostrum composition, antioxidant status, immunoglobulin, and inflammatory cytokines in sows and newborn piglets. <i>Animal Feed Science and Technology</i> , 2021, 271, 114700.	1.1	6
75	Enzyme-Treated Soybean Meal Enhanced Performance via Improving Immune Response, Intestinal Morphology and Barrier Function of Nursery Pigs in Antibiotic Free Diets. <i>Animals</i> , 2021, 11, 2600.	1.0	6
76	Evaluation of available energy and total tract digestibility of acid-hydrolyzed ether extract of cottonseed oil for growing pigs by the difference and regression methods. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 712-719.	2.4	6
77	Effects of variety and storage duration on the nutrient digestibility and the digestible and metabolisable energy content of maize fed to growing pigs. <i>Archives of Animal Nutrition</i> , 2017, 71, 67-80.	0.9	5
78	Role of medicinal mushroom on growth performance and physiological responses in broiler chicken. <i>World's Poultry Science Journal</i> , 2020, 76, 74-90.	1.4	5
79	Effects of dietary <i>Forsythia suspensa</i> extract supplementation to lactating sows and nursery pigs on post-weaning performance, antioxidant capacity, nutrient digestibility, immunoglobulins, and intestinal health. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
80	Rapid determination of the content of digestible energy and metabolizable energy in sorghum fed to growing pigs by near-infrared reflectance spectroscopy <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 4855-4864.	0.2	4
81	Dietary live yeast supplementation alleviates transport stress-impaired meat quality of broilers through maintaining muscle energy metabolism and antioxidant status. <i>Journal of the Science of Food and Agriculture</i> , 2022, , .	1.7	4
82	Validation of metabolisable energy prediction equation for de-oiled corn distillers dried grains with solubles fed to finishing pigs. <i>Italian Journal of Animal Science</i> , 2016, 15, 55-61.	0.8	3
83	Apparent and standardized ileal digestibility of amino acids in diverse barley cultivars fed to growing pigs. <i>Animal Science Journal</i> , 2017, 88, 1994-2000.	0.6	3
84	Comparative energy digestibility of protein feed ingredients in crossbred barrows in different growing stages. <i>Journal of Applied Animal Research</i> , 2019, 47, 176-182.	0.4	3
85	Dietary mixed plant oils supplementation improves performance, serum antioxidant status, immunoglobulin and intestinal morphology in weanling piglets. <i>Animal Feed Science and Technology</i> , 2020, 260, 114337.	1.1	3
86	Effects of essential oil supplementation of a low-energy diet on performance, intestinal morphology and microflora, immune properties and antioxidant activities in weaned pigs. , 2015, 86, 279.		1
87	Dietary Supplementation of Ferrous Glycine Chelate Improves Growth Performance of Piglets by Enhancing Serum Immune Antioxidant Properties, Modulating Microbial Structure and Its Metabolic Function in the Early Stage. <i>Frontiers in Veterinary Science</i> , 2022, 9, 876965.	0.9	1