

# Min-Ho Song

## List of Publications by Year in descending order

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77  
papers

1,566  
citations

331538

21  
h-index

345118

36  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1520  
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamics of the piglet gut microbiome during the weaning transition in association with health and nutrition. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 54.	2.1	165
2	Dietary plant extracts alleviate diarrhea and alter immune responses of weaned pigs experimentally infected with a pathogenic <i>Escherichia coli</i> 1. <i>Journal of Animal Science</i> , 2013, 91, 5294-5306.	0.2	113
3	Nutritional Intervention for the Intestinal Development and Health of Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2019, 6, 46.	0.9	111
4	Application of winter mushroom powder as an alternative to phosphates in emulsion-type sausages. <i>Meat Science</i> , 2018, 143, 114-118.	2.7	82
5	Anti-inflammatory effects of several plant extracts on porcine alveolar macrophages in vitro1. <i>Journal of Animal Science</i> , 2012, 90, 2774-2783.	0.2	68
6	Dietary clays alleviate diarrhea of weaned pigs1. <i>Journal of Animal Science</i> , 2012, 90, 345-360.	0.2	65
7	Dietary plant extracts improve immune responses and growth efficiency of pigs experimentally infected with porcine reproductive and respiratory syndrome virus1. <i>Journal of Animal Science</i> , 2013, 91, 5668-5679.	0.2	57
8	Dietary plant extracts modulate gene expression profiles in ileal mucosa of weaned pigs after an <i>Escherichia coli</i> infection1. <i>Journal of Animal Science</i> , 2014, 92, 2050-2062.	0.2	57
9	Effects of capsicum oleoresin, garlic botanical, and turmeric oleoresin on gene expression profile of ileal mucosa in weaned pigs1. <i>Journal of Animal Science</i> , 2014, 92, 3426-3440.	0.2	46
10	Effects of oral administration of different dosages of carvacrol essential oils on intestinal barrier function in broilers. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1257-1265.	1.0	45
11	<i>Bacillus licheniformis</i> Isolated from Traditional Korean Food Resources Enhances the Longevity of <i>Caenorhabditis elegans</i> through Serotonin Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10227-10233.	2.4	43
12	Probiotic <i>Lactobacillus fermentum</i> strain JDFM216 improves cognitive behavior and modulates immune response with gut microbiota. <i>Scientific Reports</i> , 2020, 10, 21701.	1.6	38
13	Injection of Vessel-Derived Stem Cells Prevents Dilated Cardiomyopathy and Promotes Angiogenesis and Endogenous Cardiac Stem Cell Proliferation in <i>mdx/utrn</i> but Not Aged <i>mdx</i> Mouse Models for Duchenne Muscular Dystrophy. <i>Stem Cells Translational Medicine</i> , 2013, 2, 68-80.	1.6	34
14	Mannan oligosaccharide increases serum concentrations of antibodies and inflammatory mediators in weanling pigs experimentally infected with porcine reproductive and respiratory syndrome virus1,2. <i>Journal of Animal Science</i> , 2012, 90, 2784-2793.	0.2	30
15	<i>Escherichia coli</i> challenge and one type of smectite alter intestinal barrier of pigs. <i>Journal of Animal Science and Biotechnology</i> , 2013, 4, 52.	2.1	30
16	Changes in Diarrhea Score, Nutrient Digestibility, Zinc Utilization, Intestinal Immune Profiles, and Fecal Microbiome in Weaned Piglets by Different Forms of Zinc. <i>Animals</i> , 2021, 11, 1356.	1.0	30
17	Effects of protein concentration and heat treatment on concentration of digestible and metabolizable energy and on amino acid digestibility in four sources of canola meal fed to growing pigs. <i>Journal of Animal Science</i> , 2014, 92, 4466-4477.	0.2	29
18	Spray-dried plasma attenuates inflammation and improves pregnancy rate of mated female mice1. <i>Journal of Animal Science</i> , 2015, 93, 298-305.	0.2	28

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19	Dietary protease improves growth performance, nutrient digestibility, and intestinal morphology of weaned pigs. <i>Journal of Animal Science and Technology</i> , 2020, 62, 21-30.	0.8	28
20	Influences of quorum-sensing probiotic bacteria on the gut microbial community and immune function in weaning pigs. <i>Animal Science Journal</i> , 2018, 89, 412-422.	0.6	22
21	t10,c12 Conjugated Linoleic Acid Upregulates Hepatic De Novo Lipogenesis and Triglyceride Synthesis via mTOR Pathway Activation. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 1569-1576.	0.9	22
22	Effects of Bacillus-based probiotics on growth performance, nutrient digestibility, and intestinal health of weaned pigs. <i>Journal of Animal Science and Technology</i> , 2021, 63, 1314-1327.	0.8	22
23	Bacillus subtilis: a potential growth promoter in weaned pigs in comparison to carbadox. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	20
24	Effects of dietary inactivated probiotics on growth performance and immune responses of weaned pigs. <i>Journal of Animal Science and Technology</i> , 2021, 63, 520-530.	0.8	20
25	Effects of microencapsulated complex of organic acids and essential oils on growth performance, nutrient retention, blood profiles, fecal microflora, and lean meat percentage in weaning to finishing pigs. <i>Canadian Journal of Animal Science</i> , 2019, 99, 41-49.	0.7	18
26	Supplementation of different fat sources affects growth performance and carcass composition of finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 56.	2.1	15
27	Effects of dietary mixture of protease and probiotics on growth performance, blood constituents, and carcass characteristics of growing-finishing pigs. <i>Journal of Animal Science and Technology</i> , 2019, 61, 272-277.	0.8	15
28	Dietary Glutamic Acid Modulates Immune Responses and Gut Health of Weaned Pigs. <i>Animals</i> , 2021, 11, 504.	1.0	13
29	Dietary Yeast Cell Wall Improves Growth Performance and Prevents of Diarrhea of Weaned Pigs by Enhancing Gut Health and Anti-Inflammatory Immune Responses. <i>Animals</i> , 2021, 11, 2269.	1.0	13
30	Genome Characteristics of Lactobacillus fermentum Strain JDFM216 for Application as Probiotic Bacteria. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1266-1271.	0.9	13
31	Effects of dietary protease on immune responses of weaned pigs. <i>Journal of Animal Science and Technology</i> , 2020, 62, 174-179.	0.8	13
32	Energy concentration and amino acid digestibility in corn and corn coproducts from the wet-milling industry fed to growing pigs. <i>Journal of Animal Science</i> , 2014, 92, 4557-4565.	0.2	12
33	Trace amounts of antibiotic exacerbated diarrhea and systemic inflammation of weaned pigs infected with a pathogenic <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2021, 99, .	0.2	12
34	Bacillus licheniformis Isolated from Korean Traditional Food Sources Enhances the Resistance of Caenorhabditis elegans to Infection by Staphylococcus aureus. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 1105-1108.	0.9	11
35	Effects of different Bacillus licheniformis and Bacillus subtilis ratios on nutrient digestibility, fecal microflora, and gas emissions of growing pigs. <i>Journal of Animal Science and Technology</i> , 2022, 64, 291-301.	0.8	11
36	Rice as an alternative feed ingredient in swine diets. <i>Journal of Animal Science and Technology</i> , 2021, 63, 465-474.	0.8	10

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37	Dietary protease improves growth rate and protein digestibility of growing-finishing pigs. <i>Journal of Animal Science and Technology</i> , 2020, 62, 313-320.	0.8	10
38	Effects of replacing soybean meal with perilla seed meal on growth performance, and meat quality of broilers. <i>Journal of Animal Science and Technology</i> , 2020, 62, 495-503.	0.8	10
39	Effect of low protein diets added with protease on growth performance, nutrient digestibility of weaned piglets and growing-finishing pigs. <i>Journal of Animal Science and Technology</i> , 2021, 63, 491-500.	0.8	9
40	Oral Vaccination against <i>Lawsonia intracellularis</i> Changes the Intestinal Microbiome in Weaned Piglets. <i>Animals</i> , 2021, 11, 2082.	1.0	9
41	Effects of dietary carbohydrases on productive performance and immune responses of lactating sows and their piglets. <i>Journal of Animal Science and Technology</i> , 2019, 61, 359-365.	0.8	9
42	Simple Evaluation of <i>Listeria monocytogenes</i> Pathogenesis Using <i>Caenorhabditis elegans</i> Animal Model. <i>Food Science of Animal Resources</i> , 2019, 39, 84-92.	1.7	9
43	Effects of Substitution of Corn with Ground Brown Rice on Growth Performance, Nutrient Digestibility, and Gut Microbiota of Growing-Finishing Pigs. <i>Animals</i> , 2021, 11, 375.	1.0	8
44	Dietary turmeric ( <i>Curcuma longa</i> L.) supplementation improves growth performance, short-chain fatty acid production, and modulates bacterial composition of weaned piglets. <i>Journal of Animal Science and Technology</i> , 2021, 63, 575-592.	0.8	8
45	Effects of protease supplementation on growth performance, blood constituents, and carcass characteristics of growing-finishing pigs. <i>Journal of Animal Science and Technology</i> , 2019, 61, 234-238.	0.8	8
46	Effects of different levels of crude protein and protease on nitrogen utilization, nutrient digestibility, and growth performance in growing pigs. <i>Journal of Animal Science and Technology</i> , 2020, 62, 659-667.	0.8	8
47	Decoding the intestinal microbiota repertoire of sow and weaned pigs using culturomic and metagenomic approaches. <i>Journal of Animal Science and Technology</i> , 2021, 63, 1423-1432.	0.8	8
48	Spray-dried plasma attenuates inflammation and lethargic behaviors of pregnant mice caused by lipopolysaccharide. <i>PLoS ONE</i> , 2018, 13, e0203427.	1.1	7
49	Dietary spray-dried plasma improves intestinal morphology of mated female mice under stress condition. <i>Journal of Animal Science and Technology</i> , 2018, 60, 10.	0.8	7
50	Effects of microencapsulated organic acids on growth performance, nutrient digestibility, fecal microbial counts, and blood profiles in weaning pigs. <i>Journal of Animal Science and Technology</i> , 2021, 63, 104-113.	0.8	7
51	Rapid in vivo Colonization Screening of Probiotic Bacteria Isolated from Human Infants using <i>Caenorhabditis elegans</i> Surrogate Host. <i>Korean Journal for Food Science of Animal Resources</i> , 2013, 33, 522-530.	1.5	7
52	Stimbiotic Supplementation Alleviates Poor Performance and Gut Integrity in Weaned Piglets Induced by Challenge with <i>E. coli</i> . <i>Animals</i> , 2022, 12, 1799.	1.0	7
53	Dietary plant extracts modulate gene expression profiles in alveolar macrophages of pigs experimentally infected with porcine reproductive and respiratory syndrome virus. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 74.	2.1	5
54	Predicting body compositions of live finishing pigs based on bioelectrical impedance analysis. <i>Journal of Animal Science and Technology</i> , 2021, 63, 332-338.	0.8	5

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55	Evaluation of brown rice to replace corn in weanling pig diet. <i>Journal of Animal Science and Technology</i> , 2021, 63, 1344-1354.	0.8	5
56	Arginine addition in a diet for weaning pigs can improve the growth performance under heat stress. <i>Journal of Animal Science and Technology</i> , 2020, 62, 460-467.	0.8	5
57	Supplementation of live yeast culture modulates intestinal health, immune responses, and microbiota diversity in broiler chickens. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	5
58	Effects of dietary spray-dried egg on growth performance and health of weaned pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 3080-3087.	0.2	4
59	Dietary spray-dried plasma supplementation in late-gestation and lactation enhanced productive performance and immune responses of lactating sows and their litters. <i>Journal of Animal Science and Technology</i> , 2021, 63, 1076-1085.	0.8	4
60	Excessive dietary lead reduces growth performance and increases lead accumulation in pigs. <i>Animal Bioscience</i> , 2021, 34, 102-108.	0.8	4
61	Effects of Eco-friendly Multi-enzyme on Growth Performance, Intestinal Morphology, and Nutrient Digestibility of weaned Pigs. <i>Korean Journal of Organic Agriculture</i> , 2018, 26, 141-149.	0.0	4
62	Effects of Replacing Medical Zinc Oxide with Different Ratios of Inorganic: Organic Zinc or Reducing Crude Protein Diet with Mixed Feed Additives in Weaned Piglet Diets. <i>Animals</i> , 2021, 11, 3132.	1.0	4
63	Effects of different gestation housing types on reproductive performance of sows. <i>Animal Science Journal</i> , 2018, 89, 722-726.	0.6	3
64	Complete genome sequence of <i>Salmonella enterica</i> strain K_SA184, multidrug resistance bacterium isolated from lamb ( <i>Ovis aries</i> ). <i>Journal of Animal Science and Technology</i> , 2021, 63, 194-197.	0.8	3
65	Evaluation of pig behavior changes related to temperature, relative humidity, volatile organic compounds, and illuminance. <i>Journal of Animal Science and Technology</i> , 2021, 63, 790-798.	0.8	3
66	Effects of Eco-friendly Multi-enzyme on Diarrhea and Immune Response of weaned Pigs. <i>Korean Journal of Organic Agriculture</i> , 2018, 26, 151-161.	0.0	3
67	The co-injection of antioxidants with foot-and-mouth disease vaccination altered growth performance and blood parameters of finishing Holstein steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 792-799.	2.4	3
68	Partial Replacement of Animal Fat with Full-Fat Almond in Broiler Chicken Diets: Performance, Nutrient Digestibility, Blood Profile, Cecal-Fecal Microflora Composition, and Foot-Pad Dermatitis. <i>Animals</i> , 2021, 11, 3075.	1.0	3
69	Effects of corn particle size on nutrient utilization in pigs evaluated under optimal and heat stress conditions. <i>Tropical Animal Health and Production</i> , 2019, 51, 443-448.	0.5	2
70	Effects of silicate derived from quartz porphyry supplementation in the health of weaning to growing pigs after lipopolysaccharide challenge. <i>Journal of Applied Animal Research</i> , 2020, 48, 440-447.	0.4	2
71	Potential use of ground brown rice for weanling pigs. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	2
72	Evaluation of synbiotics as gut health improvement agents against Shiga toxin-producing <i>Escherichia coli</i> isolated from the pig. <i>Journal of Animal Science and Technology</i> , 2019, 61, 55-60.	0.8	2

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73	Complete genome sequence of Escherichia coli K_EC180, a bacterium producing shiga-like toxin isolated from swine feces. Journal of Animal Science and Technology, 2021, 63, 461-464.	0.8	1
74	Value of spray-dried plasma as a supplement to swine diets. Korean Journal of Agricultural Science, 2016, 43, 14-20.	0.2	1
75	Effects of Dietary Carbohydrases on Fecal Microbiome Composition of Lactating Sows and Their Piglets. Journal of Microbiology and Biotechnology, 2022, 32, 776-782.	0.9	1
76	Effect of glucose, soya oil and glutamine on protein expression and mammalian target of rapamycin complex 1 pathway of jejunal crypt enterocytes in weaned piglets. British Journal of Nutrition, 2020, 123, 481-488.	1.2	0
77	Reducing lesion incidence in pork carcasses by heating foot-and-mouth disease vaccine before injection. Asian-Australasian Journal of Animal Sciences, 2020, 33, 634-639.	2.4	0