

Sung Woo Kim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183
papers

8,077
citations

48
h-index

87
g-index

201
ext. papers

9,919
ext. citations

2.7
avg, IF

6.68
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 183 | Role of milk carbohydrates in intestinal health of nursery pigs: a review.. <i>Journal of Animal Science and Biotechnology</i> , 2022 , 13, 6 | 6 | 0 |
| 182 | Intestinal microbiota and its interaction to intestinal health in nursery pigs.. <i>Animal Nutrition</i> , 2022 , 8, 169-184 | 4.8 | 9 |
| 181 | Impacts of weaning weights and mycotoxin challenges on jejunal mucosa-associated microbiota, intestinal and systemic health, and growth performance of nursery pigs.. <i>Journal of Animal Science and Biotechnology</i> , 2022 , 13, 43 | 6 | |
| 180 | Significance of Mucosa-Associated Microbiota and Its Impacts on Intestinal Health of Pigs Challenged with F18+E. coli. <i>Pathogens</i> , 2022 , 11, 589 | 4.5 | 0 |
| 179 | Impacts of weaning age on dietary needs of whey permeate for pigs at 7 to 11 kg body weight. <i>Journal of Animal Science and Biotechnology</i> , 2021 , 12, 111 | 6 | 0 |
| 178 | Metagenomic Analysis Reveals New Microbiota Related to Fiber Digestion in Pigs. <i>Frontiers in Microbiology</i> , 2021 , 12, 746717 | 5.7 | 1 |
| 177 | Comparative Evaluation of the Ileum Microbiota Composition in Piglets at Different Growth Stages.. <i>Frontiers in Microbiology</i> , 2021 , 12, 765691 | 5.7 | 0 |
| 176 | Understanding intestinal health in nursery pigs and the relevant nutritional strategies. <i>Animal Bioscience</i> , 2021 , 34, 338-344 | 0 | 6 |
| 175 | Investigation of the efficacy of mycotoxin-detoxifying additive on health and growth of newly-weaned pigs under deoxynivalenol challenges. <i>Animal Bioscience</i> , 2021 , 34, 405-416 | 0 | 5 |
| 174 | Bacteriophage cocktail supplementation improves growth performance, gut microbiome and production traits in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2021 , 12, 49 | 6 | 7 |
| 173 | Supplemental Effects of Functional Oils on the Modulation of Mucosa-Associated Microbiota, Intestinal Health, and Growth Performance of Nursery Pigs. <i>Animals</i> , 2021 , 11, | 3.1 | 3 |
| 172 | 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, | 3.1 | 4 |
| 171 | 93 Effects of a Functional Oils Blend on Intestinal Health and Growth Performance of Nursery Pigs. <i>Journal of Animal Science</i> , 2021 , 99, 47-47 | 0.7 | 78 |
| 170 | Physiological Effects of Deoxynivalenol from Naturally Contaminated Corn on Cerebral Tryptophan Metabolism, Behavioral Response, Gastrointestinal Immune Status and Health in Pigs Following a Pair-Feeding Model. <i>Toxins</i> , 2021 , 13, | 4.9 | 4 |
| 169 | Dietary inclusion of multispecies probiotics to reduce the severity of post-weaning diarrhea caused by F18 in pigs. <i>Animal Nutrition</i> , 2021 , 7, 326-333 | 4.8 | 5 |
| 168 | Modulation of jejunal mucosa-associated microbiota in relation to intestinal health and nutrient digestibility in pigs by supplementation of β glucanase to corn-soybean meal-based diets with xylanase. <i>Journal of Animal Science</i> , 2021 , 99, | 0.7 | 3 |
| 167 | Phytobiotics with Adsorbent to Mitigate Toxicity of Multiple Mycotoxins on Health and Growth of Pigs. <i>Toxins</i> , 2021 , 13, | 4.9 | 3 |

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| 166 | PORK PRODUCTION SYSTEMS IN CHINA: A REVIEW OF THEIR DEVELOPMENT, CHALLENGES AND PROSPECTS IN GREEN PRODUCTION. <i>Frontiers of Agricultural Science and Engineering</i> , 2021 , 8, 15 | 1.7 | 1 |
| 165 | Dose-response and functional role of whey permeate as a source of lactose and milk oligosaccharides on intestinal health and growth of nursery pigs. <i>Journal of Animal Science</i> , 2021 , 99, | 0.7 | 6 |
| 164 | Mycotoxin Occurrence, Toxicity, and Detoxifying Agents in Pig Production with an Emphasis on Deoxynivalenol. <i>Toxins</i> , 2021 , 13, | 4.9 | 17 |
| 163 | Friend or Foe? Impacts of Dietary Xylans, Xylooligosaccharides, and Xylanases on Intestinal Health and Growth Performance of Monogastric Animals. <i>Animals</i> , 2021 , 11, | 3.1 | 10 |
| 162 | Intestinal Health of Pigs Upon Weaning: Challenges and Nutritional Intervention. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 628258 | 3.1 | 9 |
| 161 | Effects of dietary supplementation of nucleotides from late gestation to lactation on the performance and oxidative stress status of sows and their offspring. <i>Animal Nutrition</i> , 2021 , 7, 111-118 | 4.8 | 5 |
| 160 | Nutritional and functional values of lysed <i>Corynebacterium glutamicum</i> cell mass for intestinal health and growth of nursery pigs.. <i>Journal of Animal Science</i> , 2021 , 99, | 0.7 | 1 |
| 159 | Efficacy of Mycotoxin Detoxifiers on Health and Growth of Newly-Weaned Pigs under Chronic Dietary Challenge of Deoxynivalenol. <i>Toxins</i> , 2020 , 12, | 4.9 | 19 |
| 158 | Effects of supplemental xylanase on health of the small intestine in nursery pigs fed diets with corn distillers-dried grains with solubles. <i>Journal of Animal Science</i> , 2020 , 98, | 0.7 | 15 |
| 157 | Defatted Rice Bran Supplementation in Diets of Finishing Pigs: Effects on Physiological, Intestinal Barrier, and Oxidative Stress Parameters. <i>Animals</i> , 2020 , 10, | 3.1 | 4 |
| 156 | 175 Effects of dietary supplementation with xylanase and probiotics on growth performance and gut health of newly weaned pigs challenged with enterotoxigenic <i>E. coli</i> on d 7 post weaned. <i>Journal of Animal Science</i> , 2020 , 98, 78-78 | 0.7 | |
| 155 | 173 Lysed <i>Corynebacterium glutamicum</i> cell mass from lysine production as a novel feed additive to enhance gut health and growth of newly-weaned pigs. <i>Journal of Animal Science</i> , 2020 , 98, 77-78 | 0.7 | |
| 154 | Oxidative stress status and reproductive performance of sows during gestation and lactation under different thermal environments. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020 , 33, 722-731 | 2.4 | 16 |
| 153 | PSIV-22 Supplemental effects of dietary lysophospholipids in lactation diets on sow performance, milk composition, and intestinal health of piglets. <i>Journal of Animal Science</i> , 2020 , 98, 174-175 | 0.7 | 1 |
| 152 | Supplemental effects of dietary lysophospholipids in lactation diets on sow performance, milk composition, gut health, and gut-associated microbiome of offspring. <i>Journal of Animal Science</i> , 2020 , 98, | 0.7 | 7 |
| 151 | 179 Efficacy and safety of amino acids with biomass for growth and health of newly-weaned pigs. <i>Journal of Animal Science</i> , 2020 , 98, 77-77 | 0.7 | 78 |
| 150 | Dietary enzymatically-treated <i>Artemisia annua</i> L. supplementation could alleviate oxidative injury and improve reproductive performance of sows reared under high ambient temperature. <i>Journal of Thermal Biology</i> , 2020 , 94, 102751 | 2.9 | 6 |
| 149 | Synbiotic Effects of Enzyme and Probiotics on Intestinal Health and Growth of Newly Weaned Pigs Challenged With Enterotoxigenic F18. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 573 | 3.1 | 15 |

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| 148 | Effects of mineral methionine hydroxy analog chelate in sow diets on epigenetic modification and growth of progeny. <i>Journal of Animal Science</i> , 2020 , 98, | 0.7 | 2 |
| 147 | Investigation of the Efficacy of a Postbiotic Yeast Cell Wall-Based Blend on Newly-Weaned Pigs under a Dietary Challenge of Multiple Mycotoxins with Emphasis on Deoxynivalenol. <i>Toxins</i> , 2020 , 12, | 4.9 | 20 |
| 146 | 159 Effects of mycotoxin challenge on growth and health of weanling pigs with different weaning weights. <i>Journal of Animal Science</i> , 2020 , 98, 60-61 | 0.7 | |
| 145 | 45 Opportunity with functional role of supplemental amino acids. <i>Journal of Animal Science</i> , 2019 , 97, 24-24 | 0.7 | 1 |
| 144 | 143 Supplemental effects of whey permeate on growth performance and gut health of nursery pigs. <i>Journal of Animal Science</i> , 2019 , 97, 81-82 | 0.7 | 78 |
| 143 | Dietary supplementation of xylanase and protease on growth performance, digesta viscosity, nutrient digestibility, immune and oxidative stress status, and gut health of newly weaned pigs. <i>Animal Nutrition</i> , 2019 , 5, 351-358 | 4.8 | 31 |
| 142 | Biological Effects and Applications of Chitosan and Chito-Oligosaccharides. <i>Frontiers in Physiology</i> , 2019 , 10, 516 | 4.6 | 53 |
| 141 | Characterization of Microbiota Associated with Digesta and Mucosa in Different Regions of Gastrointestinal Tract of Nursery Pigs. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 35 |
| 140 | Lowering dietary cation-anion difference increases sow blood and milk calcium concentrations. <i>Journal of Animal Science</i> , 2019 , 97, 2927-2939 | 0.7 | 2 |
| 139 | PSIV-4 Effect of combinations of feed enzymes on growth performance, and nutrient digestibility in nursery pigs fed complex diets. <i>Journal of Animal Science</i> , 2019 , 97, 180-181 | 0.7 | 78 |
| 138 | Effect of suckling intensity of primiparous sows on production performance during current and subsequent parities ¹ . <i>Journal of Animal Science</i> , 2019 , 97, 4845-4854 | 0.7 | 0 |
| 137 | PSV-20 Effects of fortified yeast cell wall extract on growth and health of newly weaned pigs under chronic dietary challenges of aflatoxin and deoxynivalenol. <i>Journal of Animal Science</i> , 2019 , 97, 198-199 | 0.7 | 78 |
| 136 | Supplemental effects of dietary nucleotides on intestinal health and growth performance of newly weaned pigs. <i>Journal of Animal Science</i> , 2019 , 97, 4875-4882 | 0.7 | 21 |
| 135 | Regulatory Role of Amino Acids in Pigs Fed on Protein-restricted Diets. <i>Current Protein and Peptide Science</i> , 2019 , 20, 132-138 | 2.8 | 7 |
| 134 | Characteristics of Gut Microbiota in Sows and Their Relationship with Apparent Nutrient Digestibility. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 22 |
| 133 | 367 Combinational use of sodium butyrate and phytogenics on intestinal health of nursery pigs. <i>Journal of Animal Science</i> , 2019 , 97, 132-133 | 0.7 | 78 |
| 132 | 126 Evaluation of true ileal amino acid digestibility of fermented soybean meal fed to nursery pigs. <i>Journal of Animal Science</i> , 2019 , 97, 110-111 | 0.7 | 78 |
| 131 | 366 Efficacy of mycotoxin deactivators on health and growth of newly weaned pigs under chronic dietary challenges of deoxynivalenol. <i>Journal of Animal Science</i> , 2019 , 97, 130-132 | 0.7 | 78 |

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| 130 | 137 Effects of dietary supplementation with xylanase and probiotics on growth performance and gut health of newly weaned pigs. <i>Journal of Animal Science</i> , 2019 , 97, 115-115 | 0.7 | 78 |
| 129 | 365 Effects of weaning ages on growth performance of nursery pigs fed diets with increasing lactose levels during at 7 to 11 kg body weight. <i>Journal of Animal Science</i> , 2019 , 97, 130-130 | 0.7 | 1 |
| 128 | Efficacy of a Yeast Cell Wall Extract to Mitigate the Effect of Naturally Co-Occurring Mycotoxins Contaminating Feed Ingredients Fed to Young Pigs: Impact on Gut Health, Microbiome, and Growth. <i>Toxins</i> , 2019 , 11, | 4.9 | 31 |
| 127 | Meeting Global Feed Protein Demand: Challenge, Opportunity, and Strategy. <i>Annual Review of Animal Biosciences</i> , 2019 , 7, 221-243 | 13.7 | 76 |
| 126 | Metabolic Regulation of Methionine Restriction in Diabetes. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700951 | 5.9 | 25 |
| 125 | Leucine Promotes the Growth of Fetal Pigs by Increasing Protein Synthesis through the mTOR Signaling Pathway in Longissimus Dorsi Muscle at Late Gestation. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 3840-3849 | 5.7 | 8 |
| 124 | Effects of supplemental L-methionine on growth performance and redox status of turkey poult compared with the use of DL-methionine. <i>Poultry Science</i> , 2018 , 97, 102-109 | 3.9 | 19 |
| 123 | Supplemental effect of xylanase and mannanase on nutrient digestibility and gut health of nursery pigs studied using both in vivo and in vitro models. <i>Animal Feed Science and Technology</i> , 2018 , 245, 77-90 ³ | | 36 |
| 122 | Autophagy: The Last Defense against Cellular Nutritional Stress. <i>Advances in Nutrition</i> , 2018 , 9, 493-504 | 10 | 66 |
| 121 | Nutrients Mediate Intestinal Bacteria-Mucosal Immune Crosstalk. <i>Frontiers in Immunology</i> , 2018 , 9, 5 | 8.4 | 137 |
| 120 | Regulation of amino acid transporters in the mammary gland from late pregnancy to peak lactation in the sow. <i>Journal of Animal Science and Biotechnology</i> , 2018 , 9, 35 | 6 | 15 |
| 119 | Intestinal microbiota in growing pigs: effects of stocking density. <i>Food and Agricultural Immunology</i> , 2018 , 29, 524-535 | 2.9 | 1 |
| 118 | Effects of different levels of methionine on sow health and plasma metabolomics during late gestation. <i>Food and Function</i> , 2018 , 9, 4979-4988 | 6.1 | 19 |
| 117 | Fat encapsulation enhances dietary nutrients utilization and growth performance of nursery pigs. <i>Journal of Animal Science</i> , 2018 , 96, 3337-3347 | 0.7 | 7 |
| 116 | 152 Supplemental effects of chelated trace minerals replacing inorganic trace minerals in sow diets on production performance, DNA methylation, histone acetylation, and gene expression in muscle and intestinal tissues of progeny.. <i>Journal of Animal Science</i> , 2018 , 96, 288-288 | 0.7 | 78 |
| 115 | 22 Evaluation of intestinal health in nursery pigs. <i>Journal of Animal Science</i> , 2018 , 96, 3-3 | 0.7 | 78 |
| 114 | 293 Supplemental Effects of Nucleotides on Gut Health and Growth of Newly Weaned Pigs.. <i>Journal of Animal Science</i> , 2018 , 96, 157-158 | 0.7 | 2 |
| 113 | Metabolic and Proteomic Responses to Long-Term Protein Restriction in a Pig Model. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 12571-12579 | 5.7 | 10 |

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| 112 | 48 Ideal Protein for Sows: Consideration of Balances Among a Sow, Fetuses, Mammary Glands, and Milk.. <i>Journal of Animal Science</i> , 2018 , 96, 26-26 | 0.7 | |
| 111 | A food-based approach that targets interleukin-6, a key regulator of chronic intestinal inflammation and colon carcinogenesis. <i>Journal of Nutritional Biochemistry</i> , 2017 , 43, 11-17 | 6.3 | 21 |
| 110 | Microbial shifts in the porcine distal gut in response to diets supplemented with Enterococcus Faecalis as alternatives to antibiotics. <i>Scientific Reports</i> , 2017 , 7, 41395 | 4.9 | 35 |
| 109 | Intestinal challenge with enterotoxigenic in pigs, and nutritional intervention to prevent postweaning diarrhea. <i>Animal Nutrition</i> , 2017 , 3, 322-330 | 4.8 | 35 |
| 108 | Impacts of energy feeds and supplemental protease on growth performance, nutrient digestibility, and gut health of pigs from 18 to 45kg body weight. <i>Animal Nutrition</i> , 2017 , 3, 359-365 | 4.8 | 20 |
| 107 | 395 Effects of dietary lysophospholipid complex on apparent ileal digestibility of fatty acids, intestinal morphology and barrier function, and growth performance in nursery pigs. <i>Journal of Animal Science</i> , 2017 , 95, 195-195 | 0.7 | 2 |
| 106 | 228 Supplemental effects of fermented rice bran extracts on gut health and growth of nursery pigs. <i>Journal of Animal Science</i> , 2017 , 95, 109-109 | 0.7 | 3 |
| 105 | 297 Super dosing effects of corn-expressed phytase on growth performance, bone characteristics, and nutrient digestibility in nursery pigs fed diets deficient in phosphorus and calcium. <i>Journal of Animal Science</i> , 2017 , 95, 144-144 | 0.7 | 4 |
| 104 | 064 Effects of dietary supplementation of Bmannanase on immune responses in nursery pigs. <i>Journal of Animal Science</i> , 2017 , 95, 32-32 | 0.7 | 1 |
| 103 | Effects of dietary supplementation of fermentation product to sows and their offspring on growth and meat quality. <i>Translational Animal Science</i> , 2017 , 1, 45-53 | 1.4 | 3 |
| 102 | 407 Effects of Bacillus-based direct-fed microbials on growth and gut health of nursery pigs. <i>Journal of Animal Science</i> , 2017 , 95, 201-201 | 0.7 | 8 |
| 101 | Identification of new single nucleotide polymorphisms affecting total number born and candidate genes related to ovulation rate in Chinese Erhualian pigs. <i>Animal Genetics</i> , 2017 , 48, 48-54 | 2.5 | 17 |
| 100 | 405 Functional difference of free L-Lysine and L-Lysine HCl on growth performances, intestinal health, and intestinal integrity in newly weaned pigs. <i>Journal of Animal Science</i> , 2017 , 95, 200-200 | 0.7 | |
| 99 | 406 Effects of modified yeast cell wall extract on gut health and growth of newly weaned pigs under chronic dietary challenges of aflatoxin, deoxynivalenol, and fumonisin. <i>Journal of Animal Science</i> , 2017 , 95, 200-200 | 0.7 | 1 |
| 98 | 159 Supplemental effects of fermented rice bran extracts on growth performance, bone characteristics, and immune response of broiler chickens. <i>Journal of Animal Science</i> , 2017 , 95, 75-76 | 0.7 | 3 |
| 97 | 246 Super dosing effects of corn-expressed phytase on bone characteristics and nutrient digestibility in nursery pigs fed diets sufficient in phosphorus and calcium. <i>Journal of Animal Science</i> , 2017 , 95, 118-118 | 0.7 | |
| 96 | Pigs, Unlike Mice, Have Two Distinct Colonic Stem Cell Populations Similar to Humans That Respond to High-Calorie Diet prior to Insulin Resistance. <i>Cancer Prevention Research</i> , 2017 , 10, 442-450 | 3.2 | 8 |
| 95 | AMPK Regulation of Glucose, Lipid and Protein Metabolism: Mechanisms and Nutritional Significance. <i>Current Protein and Peptide Science</i> , 2017 , 18, 562-570 | 2.8 | 13 |

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| 94 | L-Cysteine metabolism and its nutritional implications. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 134-46 | 5.9 | 161 |
| 93 | Regulation in free amino acid profile and protein synthesis pathway of growing pig skeletal muscles by low-protein diets for different time periods. <i>Journal of Animal Science</i> , 2016 , 94, 5192-5205 | 0.7 | 6 |
| 92 | 0929 Effects of dietary supplementation of β -mannanase on digesta viscosity and intestinal health of nursery pigs. <i>Journal of Animal Science</i> , 2016 , 94, 447-447 | 0.7 | |
| 91 | An integrated in silico approach for functional and structural impact of non- synonymous SNPs in the MYH1 gene in Jeju Native Pigs. <i>BMC Genetics</i> , 2016 , 17, 35 | 2.6 | 12 |
| 90 | Dietary supplementation with L-glutamate and L-aspartate alleviates oxidative stress in weaned piglets challenged with hydrogen peroxide. <i>Amino Acids</i> , 2016 , 48, 53-64 | 3.5 | 57 |
| 89 | High-Calorie Diet Induced Chronic Colonic inflammation: A Human-Relevant Porcine Model to Assess Whole Food Approach to Reduce Colon Cancer Risk. <i>FASEB Journal</i> , 2016 , 30, 416.2 | 0.9 | 1 |
| 88 | Stress, Nutrition, and Intestinal Immune Responses in Pigs - A Review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016 , 29, 1075-82 | 2.4 | 43 |
| 87 | 0946 Effect of supplementing milk during first 4 d postweaning on growth performance, energy digestibility, gut morphology, and severity of diarrhea for nursery pigs in a commercial farm. <i>Journal of Animal Science</i> , 2016 , 94, 455-455 | 0.7 | |
| 86 | 0947 Effects of dietary lysophospholipid complex on apparent ileal digestibility and growth performance in nursery pigs. <i>Journal of Animal Science</i> , 2016 , 94, 456-456 | 0.7 | 2 |
| 85 | Dietary supplementation with sanguinarine enhances serum metabolites and antibodies in growing pigs. <i>Journal of Animal Science</i> , 2016 , 94, 75-78 | 0.7 | 16 |
| 84 | Effects of dietary n-6:n-3 PUFA ratio on fatty acid composition, free amino acid profile and gene expression of transporters in finishing pigs. <i>British Journal of Nutrition</i> , 2015 , 113, 739-48 | 3.6 | 87 |
| 83 | Effect of dietary supplementation of xylanase on apparent ileal digestibility of nutrients, viscosity of digesta, and intestinal morphology of growing pigs fed corn and soybean meal based diet. <i>Animal Nutrition</i> , 2015 , 1, 19-23 | 4.8 | 49 |
| 82 | Dynamic distribution of the gut microbiota and the relationship with apparent crude fiber digestibility and growth stages in pigs. <i>Scientific Reports</i> , 2015 , 5, 9938 | 4.9 | 198 |
| 81 | Effects of short term supplementation of l-tryptophan and reducing large neutral amino acid along with l-tryptophan supplementation on growth and stress response in pigs. <i>Animal Feed Science and Technology</i> , 2015 , 207, 245-252 | 3 | 5 |
| 80 | Effects of fermented soybean meal on innate immunity-related gene expressions in nursery pigs acutely challenged with lipopolysaccharides. <i>Animal Science Journal</i> , 2015 , 86, 508-16 | 1.8 | 14 |
| 79 | Differential expression of proteins involved in energy production along the crypt-villus axis in early-weaning pig small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G229-37 | 5.1 | 30 |
| 78 | Soluble extract of soybean fermented with <i>Aspergillus oryzae</i> GB107 inhibits fat accumulation in cultured 3T3-L1 adipocytes. <i>Nutrition Research and Practice</i> , 2015 , 9, 439-44 | 2.1 | 4 |
| 77 | Impacts of low level aflatoxin in feed and the use of modified yeast cell wall extract on growth and health of nursery pigs. <i>Animal Nutrition</i> , 2015 , 1, 177-183 | 4.8 | 21 |

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|----|--|------|----|
| 76 | The Physiological Basis and Nutritional Function of Alpha-ketoglutarate. <i>Current Protein and Peptide Science</i> , 2015 , 16, 576-81 | 2.8 | 38 |
| 75 | Supplemental nucleotides high in inosine 5Rmonophosphate to improve the growth and health of nursery pigs. <i>Journal of Animal Science</i> , 2014 , 92, 645-51 | 0.7 | 32 |
| 74 | Identification of a second major antigenic epitope in the B̢subunit of soy B̢conglycinin. <i>Food and Agricultural Immunology</i> , 2014 , 25, 311-321 | 2.9 | 12 |
| 73 | Efficacy of dietary spray dried plasma protein to mitigate the negative effects on performance of pigs fed diets with corn naturally contaminated with multiple mycotoxins. <i>Journal of Animal Science</i> , 2014 , 92, 3878-86 | 0.7 | 30 |
| 72 | Effects of chitosan on intestinal inflammation in weaned pigs challenged by enterotoxigenic Escherichia coli. <i>PLoS ONE</i> , 2014 , 9, e104192 | 3.7 | 50 |
| 71 | The suckling piglet as an agrimedical model for the study of pediatric nutrition and metabolism. <i>Annual Review of Animal Biosciences</i> , 2014 , 2, 419-44 | 13.7 | 81 |
| 70 | Protective effect of two yeast based feed additives on pigs chronically exposed to deoxynivalenol and zearalenone. <i>Toxins</i> , 2014 , 6, 3336-53 | 4.9 | 37 |
| 69 | Establishment of a pheasant (<i>Phasianus colchicus</i>) spermatogonial stem cell line for the production of interspecies germ line chimeras. <i>Electronic Journal of Biotechnology</i> , 2014 , 17, 211-216 | 3.1 | 4 |
| 68 | Effect of feed grade L-methionine on growth performance and gut health in nursery pigs compared with conventional DL-methionine. <i>Journal of Animal Science</i> , 2014 , 92, 5530-9 | 0.7 | 60 |
| 67 | Identification of epitopes of the B̢subunit of soybean B̢conglycinin that are antigenic in pigs, dogs, rabbits and fish. <i>Journal of the Science of Food and Agriculture</i> , 2014 , 94, 2289-94 | 4.3 | 22 |
| 66 | Proteomic analysis of the extraembryonic tissues from cloned porcine fetus at day 35 of pregnancy. <i>BMC Research Notes</i> , 2014 , 7, 861 | 2.3 | 2 |
| 65 | Amino acid fortified diets for weanling pigs replacing fish meal and whey protein concentrate: Effects on growth, immune status, and gut health. <i>Journal of Animal Science and Biotechnology</i> , 2014 , 5, 57 | 6 | 3 |
| 64 | Improving efficiency of sow productivity: nutrition and health. <i>Journal of Animal Science and Biotechnology</i> , 2013 , 4, 26 | 6 | 86 |
| 63 | Long-term dietary supplementation of organic selenium modulates gene expression profiles in leukocytes of adult pigs. <i>Animal Science Journal</i> , 2013 , 84, 238-46 | 1.8 | 9 |
| 62 | Aberrant gene expression patterns in extraembryonic tissue from cloned porcine embryos. <i>Research in Veterinary Science</i> , 2013 , 94, 531-8 | 2.5 | 4 |
| 61 | The use of feed additives to reduce the effects of aflatoxin and deoxynivalenol on pig growth, organ health and immune status during chronic exposure. <i>Toxins</i> , 2013 , 5, 1261-81 | 4.9 | 60 |
| 60 | Epitopes from two soybean glycinin subunits are antigenic in pigs. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 2927-32 | 4.3 | 15 |
| 59 | Processed purple-fleshed potato prevents and protects against high-fat diet elevated oxidative stress and inflammation markers in vivo in a pig model. <i>FASEB Journal</i> , 2013 , 27, 862.21 | 0.9 | 1 |

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| 58 | Purple-fleshed potatoes suppress colon-systemic oxidative stress/inflammatory markers via alternations in the gut bacterial signature. <i>FASEB Journal</i> , 2013 , 27, 1056.9 | 0.9 | 2 |
| 57 | The effect of horse serum on in vitro development of porcine parthenogenetic embryos. <i>Reproductive Biology</i> , 2012 , 12, 25-39 | 2.3 | 2 |
| 56 | Diet Formulation and Feeding Programs 2012 , 215-227 | | 2 |
| 55 | The effect of the ratio of standardized ileal digestible lysine to metabolizable energy on growth performance, blood metabolites and hormones of lactating sows. <i>Journal of Animal Science and Biotechnology</i> , 2012 , 3, 11 | 6 | 10 |
| 54 | Dietary L-tryptophan supplementation with reduced large neutral amino acids enhances feed efficiency and decreases stress hormone secretion in nursery pigs under social-mixing stress. <i>Journal of Nutrition</i> , 2012 , 142, 1540-6 | 4.1 | 35 |
| 53 | Phosphorus requirements for 60- to 100-kg pigs selected for high lean deposition under different thermal environments. <i>Journal of Animal Science</i> , 2012 , 90, 1499-505 | 0.7 | 4 |
| 52 | Hematological and Serum Biochemical Parameters of Korean Native Goats Fed with Spent Mushroom Substrate. <i>Asian Journal of Animal and Veterinary Advances</i> , 2012 , 7, 1139-1147 | 0.1 | 3 |
| 51 | Antiapoptotic effects of Phe140Asn, a novel human granulocyte colony-stimulating factor mutant in H9c2 rat cardiomyocytes. <i>BMB Reports</i> , 2012 , 45, 742-7 | 5.5 | 2 |
| 50 | Purple potato, even after processing, suppress oxidative stress and inflammatory markers in high-fat diet consuming pigs. <i>FASEB Journal</i> , 2012 , 26, 823.5 | 0.9 | 1 |
| 49 | Preventive effect of <i>Coptis chinensis</i> and berberine on intestinal injury in rats challenged with lipopolysaccharides. <i>Food and Chemical Toxicology</i> , 2011 , 49, 61-9 | 4.7 | 82 |
| 48 | Oxidative stress status of highly prolific sows during gestation and lactation. <i>Animal</i> , 2011 , 5, 1774-9 | 3.1 | 91 |
| 47 | Effects of activation methods on DNA synthesis and development of parthenogenetic porcine embryos. <i>Reproduction in Domestic Animals</i> , 2011 , 46, 1082-9 | 1.6 | 3 |
| 46 | Proline and hydroxyproline metabolism: implications for animal and human nutrition. <i>Amino Acids</i> , 2011 , 40, 1053-63 | 3.5 | 367 |
| 45 | Oviduct-specific enhanced green fluorescent protein expression in transgenic chickens. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011 , 75, 646-9 | 2.1 | 16 |
| 44 | Effects of keratinase supplementation of corn-soybean meal based diets on apparent ileal amino acid digestibility in growing pigs and serum amino acids, cytokines, immunoglobulin levels and loin muscle area in nursery pigs. <i>Archives of Animal Nutrition</i> , 2011 , 65, 290-302 | 2.7 | 23 |
| 43 | Effects of supplementing <i>Saccharomyces cerevisiae</i> fermentation product in sow diets on performance of sows and nursing piglets. <i>Journal of Animal Science</i> , 2011 , 89, 2462-71 | 0.7 | 50 |
| 42 | Enhanced biological effects of Phe140Asn, a novel human granulocyte colony-stimulating factor mutant, on HL60 cells. <i>BMB Reports</i> , 2011 , 44, 686-91 | 5.5 | 6 |
| 41 | Occurrence and Decontamination of Mycotoxins in Swine Feed. <i>Asian-Australasian Journal of Animal Sciences</i> , 2011 , 24, 723-738 | 2.4 | 42 |

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| 39 | Recent advances in sow nutrition. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 303-310 | 1.2 | 5 |
| 38 | The effects of berberine on the magnitude of the acute inflammatory response induced by <i>Escherichia coli</i> lipopolysaccharide in broiler chickens. <i>Poultry Science</i> , 2010 , 89, 13-9 | 3.9 | 38 |
| 37 | Protective effects of <i>Forsythia suspensa</i> extract against oxidative stress induced by diquat in rats. <i>Food and Chemical Toxicology</i> , 2010 , 48, 764-70 | 4.7 | 89 |
| 36 | Fermented soybean meal as a vegetable protein source for nursery pigs: I. Effects on growth performance of nursery pigs. <i>Journal of Animal Science</i> , 2010 , 88, 214-24 | 0.7 | 64 |
| 35 | Bio-fermentation Technology to Improve Efficiency of Swine Nutrition. <i>Asian-Australasian Journal of Animal Sciences</i> , 2010 , 23, 825-832 | 2.4 | 7 |
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| 32 | Effect of dietary supplementation of n-3 fatty acids and elevated concentrations of dietary protein on the performance of sows. <i>Journal of Animal Science</i> , 2009 , 87, 948-59 | 0.7 | 46 |
| 31 | Lactating porcine mammary tissue catabolizes branched-chain amino acids for glutamine and aspartate synthesis. <i>Journal of Nutrition</i> , 2009 , 139, 1502-9 | 4.1 | 68 |
| 30 | Regulatory role for amino acids in mammary gland growth and milk synthesis. <i>Amino Acids</i> , 2009 , 37, 89-95 | 3.5 | 115 |
| 29 | Dietary supplementation with cholesterol and docosahexaenoic acid affects concentrations of amino acids in tissues of young pigs. <i>Amino Acids</i> , 2009 , 37, 709-16 | 3.5 | 48 |
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| 22 | Effects of Forsythia suspensa extract on growth performance, nutrient digestibility, and antioxidant activities in broiler chickens under high ambient temperature. <i>Poultry Science</i> , 2008 , 87, 1287-94 | 3.9 | 67 |
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| 20 | Effects of dietary arginine supplementation during gestation and lactation on the performance of lactating primiparous sows and nursing piglets. <i>Journal of Animal Science</i> , 2008 , 86, 827-35 | 0.7 | 108 |
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| 17 | Dietary Supplementation with Acanthopanax senticosus Extract Modulates Gut Microflora in Weaned Piglets. <i>Asian-Australasian Journal of Animal Sciences</i> , 2008 , 21, 1330-1338 | 2.4 | 19 |
| 16 | Amino acids and immune function. <i>British Journal of Nutrition</i> , 2007 , 98, 237-52 | 3.6 | 847 |
| 15 | Hepatitis B virus x protein induces perinuclear mitochondrial clustering in microtubule- and Dynein-dependent manners. <i>Journal of Virology</i> , 2007 , 81, 1714-26 | 6.6 | 72 |
| 14 | Functional Amino Acids and Fatty Acids for Enhancing Production Performance of Sows and Piglets. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007 , 20, 295-306 | 2.4 | 124 |
| 13 | Dietary L-arginine supplementation enhances the reproductive performance of gilts. <i>Journal of Nutrition</i> , 2007 , 137, 652-6 | 4.1 | 206 |
| 12 | Pharmacokinetics and safety of arginine supplementation in animals. <i>Journal of Nutrition</i> , 2007 , 137, 1673S-1680S | 4.1 | 123 |
| 11 | Important roles for the arginine family of amino acids in swine nutrition and production. <i>Livestock Science</i> , 2007 , 112, 8-22 | 1.7 | 187 |
| 10 | Effects of chito-oligosaccharide supplementation on performance, nutrient digestibility, and serum composition in broiler chickens. <i>Poultry Science</i> , 2007 , 86, 1107-14 | 3.9 | 92 |
| 9 | Effects of dietary Astragalus polysaccharide on growth performance and immune function in weaned pigs. <i>Animal Science</i> , 2006 , 82, 501-507 | | 46 |
| 8 | Use of carbohydrases in corn-soybean meal based grower-finisher pig diets. <i>Animal Research</i> , 2006 , 55, 563-578 | | 24 |
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| 3 | Arginine nutrition in neonatal pigs. <i>Journal of Nutrition</i> , 2004 , 134, 2783S-2790S; discussion 2796S-2797S | 4.1 | 179 |
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