# Yan Lin

List of Publications by Year
in descending order



| 166 | 3,865 | 147726 | 189801 |
|---|---|---|---|
| papers | citations | 31 h-index | 50 g-index |

| 166 | 166 | 166 | 4091 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | iTerm-PseKNC: a sequence-based tool for predicting bacterial transcriptional terminators. Bioinformatics, 2019, 35, 1469-1477. | 1.8 | 173 |
| 2 | Construction of Builtâ€in Electric Field within Silver Phosphate Photocatalyst for Enhanced Removal of Recalcitrant Organic Pollutants. Advanced Functional Materials, 2020, 30, 2002918. | 7.8 | 133 |
| 3 | Molybdenum Dioxide Nanoparticles Anchored on Nitrogenâ€Doped Carbon Nanotubes as Oxidative Desulfurization Catalysts: Role of Electron Transfer in Activity and Reusability. Advanced Functional Materials, 2021, 31, 2100442. | 7.8 | 124 |
| 4 | Effects of copper ions on removal of nutrients from swine wastewater and on release of dissolved organic matter in duckweed systems. Water Research, 2019, 158, 171-181. | 5.3 | 108 |
| 5 | Insights into mechanisms of UV/ferrate oxidation for degradation of phenolic pollutants: Role of superoxide radicals. Chemosphere, 2020, 244, 125490. | 4.2 | 88 |
| 6 | Efficient degradation of tetracycline by singlet oxygen-dominated peroxymonosulfate activation with magnetic nitrogen-doped porous carbon. Journal of Environmental Sciences, 2022, 115, 330-340. | 3.2 | 85 |
| 7 | Effect of nitrite exposure on the antioxidant enzymes and glutathione system in the liver of bighead carp, Aristichthys nobilis. Fish and Shellfish Immunology, 2018, 76, 126-132. | 1.6 | 82 |
| 8 | Effect of zinc ions on nutrient removal and growth of Lemna aequinoctialis from anaerobically digested swine wastewater. Bioresource Technology, 2018, 249, 457-463. | 4.8 | 77 |
| 9 | Enhanced activation of peroxymonosulfte by LaFeO3 perovskite supported on Al2O3 for degradation of organic pollutants. Chemosphere, 2019, 237, 124478. | 4.2 | 72 |
| 10 | Effects of dietary Clostridium butyricum supplementation on growth performance, intestinal development, and immune response of weaned piglets challenged with lipopolysaccharide. Journal of Animal Science and Biotechnology, 2018, 9, 62. | 2.1 | 70 |
| 11 | Integrated analysis of long non-coding RNAs and mRNA expression profiles reveals the potential role of lncRNAs in gastric cancer pathogenesis. International Journal of Oncology, 2014, 45, 619-628. | 1.4 | 64 |
| 12 | Effects of dietary live yeast supplementation on growth performance, diarrhoea severity, intestinal permeability and immunological parameters of weaned piglets challenged with enterotoxigenic Escherichia coli K88. British Journal of Nutrition, 2017, 118, 949-958. | 1.2 | 60 |
| 13 | Synthesis and Characterization of Wavelength-Tunable, Water-Soluble, and Near-Infrared-Emitting CdHgTe Nanorods. Chemistry of Materials, 2007, 19, 1212-1214. | 3.2 | 56 |
| 14 | Maternal Dietary Fiber Composition during Gestation Induces Changes in Offspring Antioxidative Capacity, Inflammatory Response, and Gut Microbiota in a Sow Model. International Journal of Molecular Sciences, 2020, 21, 31. | 1.8 | 56 |
| 15 | Effects of intrauterine growth retardation and Bacillus subtilis PB6 supplementation on growth performance, intestinal development and immune function of piglets during the suckling period. European Journal of Nutrition, 2017, 56, 1753-1765. | 1.8 | 54 |
| 16 | Postnatal nutritional restriction affects growth and immune function of piglets with intra-uterine growth restriction. British Journal of Nutrition, 2015, 114, 53-62. | 1.2 | 53 |
| 17 | Interfacial Charge Transfer between Silver Phosphate and W<sub>2</sub>N<sub>3</sub> Induced by Nitrogen Vacancies Enhances Removal of Î²â€Lactam Antibiotics. Advanced Functional Materials, 2022, 32, 2108814. | 7.8 | 52 |
| 18 | Synthesis, Characterization, and Properties of Binuclear Gold(I) Phosphine Alkynyl Complexes. Organometallics, 2010, 29, 2808-2814. | 1.1 | 51 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Targeted drug delivery to renal proximal tubule epithelial cells mediated by 2-glucosamine. Journal of Controlled Release, 2013, 167, 148-156. | 4.8 | 49 |
| 20 | Microbial Mechanistic Insight into the Role of Inulin in Improving Maternal Health in a Pregnant Sow Model. Frontiers in Microbiology, 2017, 8, 2242. | 1.5 | 46 |
| 21 | Dietary Nucleotides Supplementation Improves the Intestinal Development and Immune Function of Neonates with Intra-Uterine Growth Restriction in a Pig Model. PLoS ONE, 2016, 11, e0157314. | 1.1 | 46 |
| 22 | Changes in plasma amino acid profiles, growth performance and intestinal antioxidant capacity of piglets following increased consumption of methionine as its hydroxy analogue. British Journal of Nutrition, 2014, 112, 855-867. | 1.2 | 43 |
| 23 | Fibroblast growth factor 21 coordinates adiponectin to mediate the beneficial effects of low-protein diet on primordial follicle reserve. EBioMedicine, 2019, 41, 623-635. | 2.7 | 43 |
| 24 | Fast and deep oxidative desulfurization of dibenzothiophene with catalysts of MoO<sub>3</sub>â€“TiO<sub>2</sub>@MCM-22 featuring adjustable Lewis and BrÃ¸nsted acid sites. Catalysis Science and Technology, 2019, 9, 6166-6179. | 2.1 | 43 |
| 25 | Effects of dietary lysozyme levels on growth performance, intestinal morphology, nonâ€specific immunity and mRNA expression in weanling piglets. Animal Science Journal, 2016, 87, 411-418. | 0.6 | 42 |
| 26 | Identification of Differentially Expressed Micrornas Associate with Glucose Metabolism in Different Organs of Blunt Snout Bream (Megalobrama amblycephala). International Journal of Molecular Sciences, 2017, 18, 1161. | 1.8 | 42 |
| 27 | Inter-correlated gut microbiota and SCFAs changes upon antibiotics exposure links with rapid body-mass gain in weaned piglet model. Journal of Nutritional Biochemistry, 2019, 74, 108246. | 1.9 | 42 |
| 28 | HSP60 and HSP90Î² from blunt snout bream, Megalobrama amblycephala: Molecular cloning, characterization, and comparative response to intermittent thermal stress and Aeromonas hydrophila infection. Fish and Shellfish Immunology, 2018, 74, 119-132. | 1.6 | 39 |
| 29 | Inclusion of purified dietary fiber during gestation improved the reproductive performance of sows. Journal of Animal Science and Biotechnology, 2020, 11, 47. | 2.1 | 38 |
| 30 | Maternal nutrition modulates fetal development by inducing placental efficiency changes in gilts. BMC Genomics, 2017, 18, 213. | 1.2 | 37 |
| 31 | Undernutrition Shapes the Gut Microbiota and Bile Acid Profile in Association with Altered Gut-Liver FXR Signaling in Weaning Pigs. Journal of Agricultural and Food Chemistry, 2019, 67, 3691-3701. | 2.4 | 36 |
| 32 | Dietary supplementation of Bacillus subtilis PB6 improves sow reproductive performance and reduces piglet birth intervals. Animal Nutrition, 2020, 6, 278-287. | 2.1 | 34 |
| 33 | Improving maternal vitamin D status promotes prenatal and postnatal skeletal muscle development of pig offspring. Nutrition, 2016, 32, 1144-1152. | 1.1 | 33 |
| 34 | Maternal methyl donor supplementation during gestation counteracts bisphenol Aâ€“induced oxidative stress in sows and offspring. Nutrition, 2018, 45, 76-84. | 1.1 | 33 |
| 35 | Supplementation with organic acids showing different effects on growth performance, gut morphology and microbiota of weaned pigs fed with highly or less digestible diets. Journal of Animal Science, 2018, 96, 3302-3318. | 0.2 | 33 |
| 36 | Influence of dietary fat source on sow and litter performance, colostrum and milk fatty acid profile in late gestation and lactation. Animal Science Journal, 2017, 88, 1768-1778. | 0.6 | 32 |

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|---|---|---|---|
| 37 | Regulation mechanism of oxidative stress induced by high glucose through PI3K/Akt/Nrf2 pathway in juvenile blunt snout bream (Megalobrama amblycephala). Fish and Shellfish Immunology, 2017, 70, 66-75. | 1.6 | 31 |
| 38 | Maternal Methyl Donor Supplementation during Gestation Counteracts the Bisphenol A-Induced Impairment of Intestinal Morphology, Disaccharidase Activity, and Nutrient Transporters Gene Expression in Newborn and Weaning Pigs. Nutrients, 2017, 9, 423. | 1.7 | 30 |
| 39 | Maternal supplementation of organic selenium during gestation improves sows and offspring antioxidant capacity and inflammatory status and promotes embryo survival. Food and Function, 2020, 11, 7748-7761. | 2.1 | 30 |
| 40 | Effects of dietary supplementation with exogenous catalase on growth performance, oxidative stress, and hepatic apoptosis in weaned piglets challenged with lipopolysaccharide. Journal of Animal Science, 2020, 98, . | 0.2 | 30 |
| 41 | Enhanced Removal of Hydrophobic Short-Chain n-Alkanes from Gas Streams in Biotrickling Filters in Presence of Surfactant. Environmental Science & Technology, 2022, 56, 10349-10360. | 4.6 | 30 |
| 42 | Effects of maternal over- and undernutrition on intestinal morphology, enzyme activity, and gene expression of nutrient transporters in newborn and weaned pigs. Nutrition, 2014, 30, 1442-1447. | 1.1 | 29 |
| 43 | Acute effects of ammonia exposure on the plasma and haematological parameters and histological structure of the juvenile blunt snout bream, Megalobrama amblycephala , and post-exposure recovery. Aquaculture Research, 2018, 49, 1008-1019. | 0.9 | 28 |
| 44 | Effects of the Ratio of Insoluble Fiber to Soluble Fiber in Gestation Diets on Sow Performance and Offspring Intestinal Development. Animals, 2019, 9, 422. | 1.0 | 28 |
| 45 | Microbial insight into dietary protein source affects intestinal function of pigs with intrauterine growth retardation. European Journal of Nutrition, 2020, 59, 327-344. | 1.8 | 28 |
| 46 | Effect of High Fat Dietary Intake during Maternal Gestation on Offspring Ovarian Health in a Pig Model. Nutrients, 2016, 8, 498. | 1.7 | 27 |
| 47 | Glutamine protects rabbit spermatozoa against oxidative stress via glutathione synthesis during cryopreservation. Reproduction, Fertility and Development, 2017, 29, 2183. | 0.1 | 27 |
| 48 | Effects of Maternal Low-Energy Diet during Gestation on Intestinal Morphology, Disaccharidase Activity, and Immune Response to Lipopolysaccharide Challenge in Pig Offspring. Nutrients, 2017, 9, 1115. | 1.7 | 27 |
| 49 | Chronic High Dose Zinc Supplementation Induces Visceral Adipose Tissue Hypertrophy without Altering Body Weight in Mice. Nutrients, 2017, 9, 1138. | 1.7 | 27 |
| 50 | Identification of hepatic fibroblast growth factor 21 as a mediator in 17Î²â€estradiolâ€induced white adipose tissue browning. FASEB Journal, 2018, 32, 5602-5611. | 0.2 | 27 |
| 51 | Photocatalytic performances of heterojunction catalysts of silver phosphate modified by PANI and Cr-doped SrTiO3 for organic pollutant removal from high salinity wastewater. Journal of Colloid and Interface Science, 2020, 561, 379-395. | 5.0 | 27 |
| 52 | Effects of dietary Clostridium butyricum addition to sows in late gestation and lactation on reproductive performance and intestinal microbiota1. Journal of Animal Science, 2019, 97, 3426-3439. | 0.2 | 26 |
| 53 | Effects of increased energy and amino acid intake in late gestation on reproductive performance, milk composition, metabolic, and redox status of sows1. Journal of Animal Science, 2019, 97, 2914-2926. | 0.2 | 26 |
| 54 | Feeding prepubescent gilts a high-fat diet induces molecular changes in the hypothalamus-pituitary-gonadal axis and predicts early timing of puberty. Nutrition, 2014, 30, 890-896. | 1.1 | 25 |

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| 55 | Dietary supplementation with Î²-hydroxy-Î²-methylbutyrate calcium during the early postnatal period accelerates skeletal muscle fibre growth and maturity in intra-uterine growth-retarded and normal-birth-weight piglets. British Journal of Nutrition, 2016, 115, 1360-1369. | 1.2 | 25 |
| 56 | Comparative transcriptome analysis reveals the gene expression profiling in bighead carp (Aristichthys nobilis) in response to acute nitrite toxicity. Fish and Shellfish Immunology, 2018, 79, 244-255. | 1.6 | 25 |
| 57 | Maternal organic selenium supplementation alleviates LPS induced inflammation, autophagy and ER stress in the thymus and spleen of offspring piglets by improving the expression of selenoproteins. Food and Function, 2021, 12, 11214-11228. | 2.1 | 25 |
| 58 | Beneficial effects of dietary fibre supplementation of a high-fat diet on fetal development in rats. British Journal of Nutrition, 2011, 106, 510-518. | 1.2 | 24 |
| 59 | Effect of maternal dietary energy types on placenta nutrient transporter gene expressions and intrauterine fetal growth in rats. Nutrition, 2012, 28, 1037-1043. | 1.1 | 24 |
| 60 | Effect of dietary supplementation with amino acids on boar sperm quality and fertility. Animal Reproduction Science, 2016, 172, 182-189. | 0.5 | 24 |
| 61 | ZCURVE 3.0: identify prokaryotic genes with higher accuracy as well as automatically and accurately select essential genes. Nucleic Acids Research, 2015, 43, W85-W90. | 6.5 | 23 |
| 62 | Resveratrol protects boar sperm in vitro via its antioxidant capacity. Zygote, 2020, 28, 417-424. | 0.5 | 23 |
| 63 | A Weighted Polygenic Risk Score Using 14 Known Susceptibility Variants to Estimate Risk and Age Onset of Psoriasis in Han Chinese. PLoS ONE, 2015, 10, e0125369. | 1.1 | 22 |
| 64 | Effects of different dietary n-6/n-3 polyunsaturated fatty acid ratios on boar reproduction. Lipids in Health and Disease, 2016, 15, 31. | 1.2 | 22 |
| 65 | Enterococcus faecium NCIMB 10415 administration improves the intestinal health and immunity in neonatal piglets infected by enterotoxigenic Escherichia coli K88. Journal of Animal Science and Biotechnology, 2019, 10, 72. | 2.1 | 22 |
| 66 | Effects of silymarin supplementation during transition and lactation on reproductive performance, milk composition and haematological parameters in sows. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1896-1903. | 1.0 | 21 |
| 67 | Timeâ€restricted feeding improves the reproductive function of female mice via liver fibroblast growth factor 21. Clinical and Translational Medicine, 2020, 10, e195. | 1.7 | 21 |
| 68 | Intra-uterine undernutrition amplifies age-associated glucose intolerance in pigs via altered DNA methylation at muscle GLUT4 promoter. British Journal of Nutrition, 2016, 116, 390-401. | 1.2 | 20 |
| 69 | Comparative proteomic analysis of liver antioxidant mechanisms in Megalobrama amblycephala stimulated with dietary emodin. Scientific Reports, 2017, 7, 40356. | 1.6 | 20 |
| 70 | In Utero and Postnatal Exposure to High Fat, High Sucrose Diet Suppressed Testis Apoptosis and Reduced Sperm Count. Scientific Reports, 2018, 8, 7622. | 1.6 | 20 |
| 71 | Organic Selenium Increased Gilts Antioxidant Capacity, Immune Function, and Changed Intestinal Microbiota. Frontiers in Microbiology, 2021, 12, 723190. | 1.5 | 20 |
| 72 | Methyl donors dietary supplementation to gestating sows diet improves the growth rate of offspring and is associating with changes in expression and DNA methylation of insulinâ€like growth factorâ€1 gene. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1340-1350. | 1.0 | 19 |

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| 73 | Effects of oxytetracycline and zinc ion on nutrient removal and biomass production via microalgal culturing in anaerobic digester effluent. Bioresource Technology, 2022, 346, 126667. | 4.8 | 19 |
| 74 | Targeted metabolomics analysis of maternal-placental-fetal metabolism in pregnant swine reveals links in fetal bile acid homeostasis and sulfation capacity. American Journal of Physiology - Renal Physiology, 2019, 317, G8-G16. | 1.6 | 17 |
| 75 | Effect of maternal organic selenium supplementation during pregnancy on sow reproductive performance and long-term effect on their progeny. Journal of Animal Science, 2020, 98, . | 0.2 | 17 |
| 76 | Gut microbial metabolism of dietary fibre protects against high energy feeding induced ovarian follicular atresia in a pig model. British Journal of Nutrition, 2021, 125, 38-49. | 1.2 | 17 |
| 77 | Maternal organic selenium supplementation during gestation improves the antioxidant capacity and reduces the inflammation level in the intestine of offspring through the NF-Î²B and ERK/Beclin-1 pathways. Food and Function, 2021, 12, 315-327. | 2.1 | 17 |
| 78 | A Maternal High-Energy Diet Promotes Intestinal Development and Intrauterine Growth of Offspring. Nutrients, 2016, 8, 258. | 1.7 | 16 |
| 79 | Catch-up growth following food restriction exacerbates adulthood glucose intolerance in pigs exposed toÂintrauterineÂundernutrition. Nutrition, 2016, 32, 1275-1284. | 1.1 | 16 |
| 80 | Effects of oil quality and antioxidant supplementation on sow performance, milk composition and oxidative status in serum and placenta. Lipids in Health and Disease, 2017, 16, 107. | 1.2 | 16 |
| 81 | mTORC1 signaling-associated protein synthesis in porcine mammary glands was regulated by the local available methionine depending on methionine sources. Amino Acids, 2018, 50, 105-115. | 1.2 | 16 |
| 82 | Live yeast supplementation during late gestation and lactation affects reproductive performance, colostrum and milk composition, blood biochemical and immunological parameters of sows. Animal Nutrition, 2020, 6, 288-292. | 2.1 | 16 |
| 83 | Dietary supplementation withLactobacillus plantarummodified gut microbiota, bile acid profile and glucose homoeostasis in weaning piglets. British Journal of Nutrition, 2020, 124, 797-808. | 1.2 | 16 |
| 84 | Effect of maternal or postâ€weaning methyl donor supplementation on growth performance, carcass traits, and meat quality of pig offspring. Journal of the Science of Food and Agriculture, 2019, 99, 2096-2107. | 1.7 | 15 |
| 85 | Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice. Endocrinology, 2021, 162, . | 1.4 | 15 |
| 86 | Comparative effects of enzymatic soybean, fish meal and milk powder in diets on growth performance, immunological parameters, SCFAs production and gut microbiome of weaned piglets. Journal of Animal Science and Biotechnology, 2021, 12, 106. | 2.1 | 15 |
| 87 | Differences in plasma metabolomics between sows fed<scp>dl</scp>-methionine and its hydroxy analogue reveal a strong association of milk composition and neonatal growth with maternal methionine nutrition. British Journal of Nutrition, 2015, 113, 585-595. | 1.2 | 14 |
| 88 | Rearing conditions affected responses of weaned pigs to organic acids showing a positive effect on digestibility, microflora and immunity. Animal Science Journal, 2016, 87, 1267-1280. | 0.6 | 14 |
| 89 | Increased maternal consumption of methionine as its hydroxyl analog promoted neonatal intestinal growth without compromising maternal energy homeostasis. Journal of Animal Science and Biotechnology, 2016, 7, 46. | 2.1 | 14 |
| 90 | Beneficial effects of dietary soluble fiber supplementation in replacement gilts: Pubertal onset and subsequent performance. Animal Reproduction Science, 2017, 186, 11-20. | 0.5 | 14 |

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| 91 | Effects of dietary soluble or insoluble fiber intake in late gestation on litter performance, milk composition, immune function, and redox status of sows around parturition. Journal of Animal Science, 2020, 98, . | 0.2 | 14 |
| 92 | Effects of a Diet Supplemented with Exogenous Catalase from Penicillium notatum on Intestinal Development and Microbiota in Weaned Piglets. Microorganisms, 2020, 8, 391. | 1.6 | 14 |
| 93 | Fecal bacteria and metabolite responses to dietary lysozyme in a sow model from late gestation until lactation. Scientific Reports, 2020, 10, 3210. | 1.6 | 13 |
| 94 | Effects of dietary fiber supplementation in gestation diets on sow performance, physiology and milk composition for successive three parities. Animal Feed Science and Technology, 2021, 276, 114945. | 1.1 | 13 |
| 95 | Detection of Placental Proteomes at Different Uterine Positions in Large White and Meishan Gilts on Gestational Day 90. PLoS ONE, 2016, 11, e0167799. | 1.1 | 13 |
| 96 | Effects of Maternal Fiber Intake on Intestinal Morphology, Bacterial Profile and Proteome of Newborns Using Pig as Model. Nutrients, 2021, 13, 42. | 1.7 | 13 |
| 97 | Urinary Metabolite Profiling Offers Potential for Differentiation of Liver-Kidney Yin Deficiency and Dampness-Heat Internal Smoldering Syndromes in Posthepatitis B Cirrhosis Patients. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-11. | 0.5 | 12 |
| 98 | Several Critical Cell Types, Tissues, and Pathways Are Implicated in Genome-Wide Association Studies for Systemic Lupus Erythematosus. G3: Genes, Genomes, Genetics, 2016, 6, 1503-1511. | 0.8 | 12 |
| 99 | Transfer of Î²-hydroxy-Î²-methylbutyrate from sows to their offspring and its impact on muscle fiber type transformation and performance in pigs. Journal of Animal Science and Biotechnology, 2017, 8, 2. | 2.1 | 12 |
| 100 | Effects of the different levels of dietary vitamin D on boar performance and semen quality. Livestock Science, 2017, 203, 63-68. | 0.6 | 12 |
| 101 | Dietary nucleotides supplementation during the suckling period improves the antioxidative ability of neonates with intrauterine growth retardation when using a pig model. RSC Advances, 2018, 8, 16152-16160. | 1.7 | 12 |
| 102 | Effects of yeast culture supplementation from late gestation to weaning on performance of lactating sows and growth of nursing piglets. Animal, 2022, 16, 100526. | 1.3 | 12 |
| 103 | Mammary inflammatory gene expression was associated with reproductive stage and regulated by docosahexenoic acid: in vitro and in vivo studies. Lipids in Health and Disease, 2016, 15, 215. | 1.2 | 11 |
| 104 | Proteomic Analysis of Fetal Ovaries Reveals That Primordial Follicle Formation and Transition Are Differentially Regulated. BioMed Research International, 2017, 2017, 1-11. | 0.9 | 11 |
| 105 | Effects of composite antimicrobial peptide on growth performance and health in weaned piglets. Animal Science Journal, 2018, 89, 397-403. | 0.6 | 11 |
| 106 | Glucose activates the primordial follicle through the AMPK/mTOR signaling pathway. Clinical and Translational Medicine, 2020, 10, e122. | 1.7 | 11 |
| 107 | Dietary fiber in a low-protein diet during gestation affects nitrogen excretion in primiparous gilts, with possible influences from the gut microbiota. Journal of Animal Science, 2021, 99, . | 0.2 | 11 |
| 108 | Effect of different amino acid patterns on semen quality of boars fed with low-protein diets. Animal Reproduction Science, 2015, 161, 96-103. | 0.5 | 10 |

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|---|---|---|---|
| 109 | Influence of extrusion of corn and broken rice on energy content and growth performance of weaning pigs. Animal Science Journal, 2016, 87, 1386-1395. | 0.6 | 10 |
| 110 | Effects of dietary lipid sources on growth performance, fatty acid composition and hepatic lipid metabolism of juvenile blunt snout bream, Megalobrama amblycephala. Aquaculture Nutrition, 2018, 24, 1652-1663. | 1.1 | 10 |
| 111 | Metabolomic Profiling Reveals the Difference on Reproductive Performance between High and Low Lactational Weight Loss Sows. Metabolites, 2019, 9, 295. | 1.3 | 10 |
| 112 | Effects of dietary supplementation with lysozyme during late gestation and lactation stage on the performance of sows and their offspring1. Journal of Animal Science, 2018, 96, 4768-4779. | 0.2 | 9 |
| 113 | Effects of Melatonin Supplementation during Pregnancy on Reproductive Performance, Maternalâ€“Placentalâ€“Fetal Redox Status, and Placental Mitochondrial Function in a Sow Model. Antioxidants, 2021, 10, 1867. | 2.2 | 9 |
| 114 | Dietary energy intake affects fetal survival and development during early and middle pregnancy in Large White and Meishan gilts. Animal Nutrition, 2015, 1, 152-159. | 2.1 | 8 |
| 115 | Interpretation of Fiber Supplementation on Offspring Testicular Development in a Pregnant Sow Model from a Proteomics Perspective. International Journal of Molecular Sciences, 2019, 20, 4549. | 1.8 | 8 |
| 116 | Differential responses of weaned piglets to supplemental porcine or chicken plasma in diets without inclusion of antibiotics and zinc oxide. Animal Nutrition, 2021, 7, 1173-1181. | 2.1 | 8 |
| 117 | Synthesis and biodistribution of two novel 99mTc nitrido dithiocarbamate complexes containing heterocyclic linkage as potential brain perfusion imaging agents. Journal of Radioanalytical and Nuclear Chemistry, 2007, 274, 195-197. | 0.7 | 7 |
| 118 | Five regulatory genes detected by matching signatures of eQTL and GWAS in psoriasis. Journal of Dermatological Science, 2014, 76, 139-142. | 1.0 | 7 |
| 119 | PMHSâ€Containing Semiâ€Penetrating Networks as Multifunctional Hydrosilanes for Highly Efficient Palladiumâ€Catalyzed Conjugate Reduction of Enones. ChemistrySelect, 2016, 1, 2400-2404. | 0.7 | 7 |
| 120 | Comparison of microRNA transcriptomes reveals differential regulation of microRNAs in different-aged boars. Theriogenology, 2018, 119, 105-113. | 0.9 | 7 |
| 121 | In Vivo Analysis of miR-34a Regulated Glucose Metabolism Related Genes in Megalobrama amblycephala. International Journal of Molecular Sciences, 2018, 19, 2417. | 1.8 | 7 |
| 122 | Transcriptome Profiling of Placenta through Pregnancy Reveals Dysregulation of Bile Acids Transport and Detoxification Function. International Journal of Molecular Sciences, 2019, 20, 4099. | 1.8 | 7 |
| 123 | Effects of Fat Supplementation during Gestation on Reproductive Performance, Milk Composition of Sows and Intestinal Development of their Offspring. Animals, 2019, 9, 125. | 1.0 | 7 |
| 124 | The differences in energy metabolism and redox status between sows with short and long farrowing duration. Animal, 2021, 15, 100355. | 1.3 | 7 |
| 125 | Long-term maternal intake of inulin exacerbated the intestinal damage and inflammation of offspring rats in a DSS-induced colitis model. Food and Function, 2022, 13, 4047-4060. | 2.1 | 7 |
| 126 | Synthesis of several MPP derivatives for 99mTc-labelling and evaluated as potential 5-HT1A receptor imaging agents. Science China Chemistry, 2011, 54, 1148-1154. | 4.2 | 6 |

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|---|---|---|---|
| 127 | Effects of Yeast-Derived ProteinvsSpray-Dried Porcine Plasma Supplementation on Growth Performance, Metabolism and Immune Response of Weanling Piglets. Italian Journal of Animal Science, 2014, 13, 3154. | 0.8 | 6 |
| 128 | More heritability probably captured by psoriasis genome-wide association study in Han Chinese. Gene, 2015, 573, 46-49. | 1.0 | 6 |
| 129 | Effect of intra-uterine growth restriction on long-term fertility in boars. Reproduction, Fertility and Development, 2017, 29, 374. | 0.1 | 6 |
| 130 | Microbial Mechanistic Insights into the Role of Sweet Potato Vine on Improving Health in Chinese Meishan Gilt Model. Animals, 2019, 9, 632. | 1.0 | 6 |
| 131 | Optimal Dietary Fiber Intake to Retain a Greater Ovarian Follicle Reserve for Gilts. Animals, 2019, 9, 881. | 1.0 | 6 |
| 132 | Beneficial effects of a decreased meal frequency on nutrient utilization, secretion of luteinizing hormones and ovarian follicular development in gilts. Journal of Animal Science and Biotechnology, 2021, 12, 41. | 2.1 | 6 |
| 133 | Molecular cloning and functional characterization of the hypoxia-inducible factor-1Î± in bighead carp (Aristichthys nobilis). Fish Physiology and Biochemistry, 2021, 47, 351-364. | 0.9 | 6 |
| 134 | Effects of Organic Chromium Yeast on Performance, Meat Quality, and Serum Parameters of Grow-Finish Pigs. Biological Trace Element Research, 2023, 201, 1188-1196. | 1.9 | 6 |
| 135 | The Improvement of Semen Quality by Dietary Fiber Intake Is Positively Related With Gut Microbiota and SCFA in a Boar Model. Frontiers in Microbiology, 2022, 13, . | 1.5 | 6 |
| 136 | Synthesis and biological evaluation of 99mTc-HEDTA/HYNIC-MPP4 complex for 5-HT1A receptor imaging. Science in China Series B: Chemistry, 2009, 52, 590-598. | 0.8 | 5 |
| 137 | High glucose affected respiratory burst activity of peripheral leukocyte via G6PD and NOX inhibition in Megalobrama amblycephala. Fish and Shellfish Immunology, 2018, 83, 243-248. | 1.6 | 5 |
| 138 | Effect of Sweet Potato Vine on the Onset of Puberty and Follicle Development in Chinese Meishan Gilts. Animals, 2019, 9, 297. | 1.0 | 5 |
| 139 | Proteomic analysis reveals key proteins involved in arginine promotion of testicular development in boars. Theriogenology, 2020, 154, 181-189. | 0.9 | 5 |
| 140 | Effects of Corn and Broken Rice Extrusion on the Feed Intake, Nutrient Digestibility, and Gut Microbiota of Weaned Piglets. Animals, 2022, 12, 818. | 1.0 | 5 |
| 141 | Maternal high fat intake affects the development and transcriptional profile of fetal intestine in late gestation using pig model. Lipids in Health and Disease, 2016, 15, 90. | 1.2 | 4 |
| 142 | Reproductive stage associated changes in plasma fatty acid profile and proinflammatory cytokine expression in rat mammary glands. Animal Nutrition, 2016, 2, 119-126. | 2.1 | 4 |
| 143 | Bioinformatic prediction and analysis of glucolipid metabolic regulation by miR-34a in Megalobrama amblycephala. Genes and Genomics, 2017, 39, 1407-1417. | 0.5 | 4 |
| 144 | Effect of nitrite exposure on oxygen-carrying capacity and gene expression of NF-Î²B/HIF-1Î± pathway in gill of bighead carp (Aristichthys nobilis). Aquaculture International, 2018, 26, 899-911. | 1.1 | 4 |

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|---|---|---|---|
| 145 | Molecular and functional characterization of sirt4 and sirt6 in Megalobrama amblycephala under high glucose metabolism. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 231, 87-97. | 0.7 | 4 |
| 146 | Ursolic acid induces the production of IL6 and chemokines in both adipocytes and adipose tissue. Adipocyte, 2020, 9, 523-534. | 1.3 | 4 |
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| 148 | Methionine Protects Mammary Cells against Oxidative Stress through Producing S-Adenosylmethionine to Maintain mTORC1 Signaling Activity. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14. | 1.9 | 4 |
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