

# Bin Feng

## List of Publications by Year in descending order

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148  
papers

3,805  
citations

147801

31  
h-index

197818

49  
g-index

149  
all docs

149  
docs citations

149  
times ranked

4456  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Identification of Epsin1 as a regulator for hepatic lipid and glucose metabolism. <i>Genes and Diseases</i> , 2023, 10, 72-75.  | 3.4 | 0         |
| 2  | Arginine promotes testicular development in boars through nitric oxide and putrescine. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 266-275.   | 2.2 | 1         |
| 3  | BAF-L Modulates Histone-to-Protamine Transition during Spermiogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1985.   | 4.1 | 1         |
| 4  | Deprivation of Dietary Fiber Enhances Susceptibility of Piglets to Lung Immune Stress. <i>Frontiers in Nutrition</i> , 2022, 9, 827509.   | 3.7 | 3         |
| 5  | Long-term maternal intake of inulin exacerbated the intestinal damage and inflammation of offspring rats in a DSS-induced colitis model. <i>Food and Function</i> , 2022, 13, 4047-4060.  | 4.6 | 7         |
| 6  | Restorative Effects of Inulin From <i>Codonopsis pilosula</i> on Intestinal Mucosal Immunity, Anti-Inflammatory Activity and Gut Microbiota of Immunosuppressed Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 786141.  | 3.5 | 11        |
| 7  | Dietary Fibre Supplementation Improves Semen Production by Increasing Leydig Cells and Testosterone Synthesis in a Growing Boar Model. <i>Frontiers in Veterinary Science</i> , 2022, 9, 850685.  | 2.2 | 2         |
| 8  | Effects of Corn and Broken Rice Extrusion on the Feed Intake, Nutrient Digestibility, and Gut Microbiota of Weaned Piglets. <i>Animals</i> , 2022, 12, 818.   | 2.3 | 5         |
| 9  | Teleseismic P-Wave Tomography of the New Guinea-Solomon Arc System. <i>Journal of Ocean University of China</i> , 2022, 21, 694-706.  | 1.2 | 3         |
| 10 | Maternal VD <sub>3</sub> supplementation during gestation improves intestinal health and microbial composition of weaning piglets. <i>Food and Function</i> , 2022, 13, 6830-6842.  | 4.6 | 5         |
| 11 | The comparison of preliminary structure and intestinal anti-inflammatory and anti-oxidative activities of polysaccharides from different root parts of <i>Angelica sinensis</i> (Oliv.) Diels. <i>Journal of Ethnopharmacology</i> , 2022, 295, 115446.           | 4.1 | 14        |
| 12 | Effects of Chronic Exposure to Diets Containing Moldy Corn or Moldy Wheat Bran on Growth Performance, Ovarian Follicular Pool, and Oxidative Status of Gilts. <i>Toxins</i> , 2022, 14, 413.  | 3.4 | 2         |
| 13 | The Impact of Enhancing Diet Quality or Dietary Supplementation of Flavor and Multi-Enzymes on Primiparous Lactating Sows. <i>Animals</i> , 2022, 12, 1493.   | 2.3 | 2         |
| 14 | Maternal and Fetal Bile Acid Homeostasis Regulated by Sulfated Progesterone Metabolites through FXR Signaling Pathway in a Pregnant Sow Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6496.   | 4.1 | 5         |
| 15 | Hepatic Leptin Signaling Improves Hyperglycemia by Stimulating MAPK Phosphatase-3 Protein Degradation via STAT3. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 983-1001.  | 4.5 | 8         |
| 16 | Gut microbial metabolism of dietary fibre protects against high energy feeding induced ovarian follicular atresia in a pig model. <i>British Journal of Nutrition</i> , 2021, 125, 38-49.   | 2.3 | 17        |
| 17 | Characterization of inulin-type fructans from two species of <i>Radix Codonopsis</i> and their oxidative defense activation and prebiotic activities. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2491-2499.                               | 3.5 | 19        |
| 18 | Maternal organic selenium supplementation during gestation improves the antioxidant capacity and reduces the inflammation level in the intestine of offspring through the NF- $\kappa$ B and ERK/Beclin-1 pathways. <i>Food and Function</i> , 2021, 12, 315-327. | 4.6 | 17        |

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|----|---|-----|-----------|
| 19 | 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. <i>Food and Function</i> , 2021, 12, 11214-11228. | 4.6 | 25        |
| 20 | Maternal cholecalciferol supplementation during gestation improves antioxidant capacities in gilts and piglets. <i>Italian Journal of Animal Science</i> , 2021, 20, 1201-1210.   | 1.9 | 1         |
| 21 | Beneficial effects of a decreased meal frequency on nutrient utilization, secretion of luteinizing hormones and ovarian follicular development in gilts. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 41.                           | 5.3 | 6         |
| 22 | Dietary fiber in a low-protein diet during gestation affects nitrogen excretion in primiparous gilts, with possible influences from the gut microbiota. <i>Journal of Animal Science</i> , 2021, 99, .  | 0.5 | 11        |
| 23 | Characterization of an antioxidant pectic polysaccharide from <i>Platycodon grandiflorus</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 175, 473-480.  | 7.5 | 25        |
| 24 | New pectic polysaccharides from <i>Codonopsis pilosula</i> and <i>Codonopsis tangshen</i> : structural characterization and cellular antioxidant activities. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6043-6052.            | 3.5 | 22        |
| 25 | Effects of dietary fiber supplementation in gestation diets on sow performance, physiology and milk composition for successive three parities. <i>Animal Feed Science and Technology</i> , 2021, 276, 114945.   | 2.2 | 13        |
| 26 | Methionine Protects Mammary Cells against Oxidative Stress through Producing S-Adenosylmethionine to Maintain mTORC1 Signaling Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.   | 4.0 | 4         |
| 27 | Organic Selenium Increased Gilts Antioxidant Capacity, Immune Function, and Changed Intestinal Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 723190.   | 3.5 | 20        |
| 28 | Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. <i>Redox Biology</i> , 2021, 46, 102131.  | 9.0 | 106       |
| 29 | Dietary tributyrin improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. <i>Poultry Science</i> , 2021, 100, 101429.   | 3.4 | 14        |
| 30 | Pectic polysaccharide from <i>Nelumbo nucifera</i> leaves promotes intestinal antioxidant defense <i>in vitro</i> and <i>in vivo</i> . <i>Food and Function</i> , 2021, 12, 10828-10841.  | 4.6 | 18        |
| 31 | Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice. <i>Endocrinology</i> , 2021, 162, .   | 2.8 | 15        |
| 32 | Effects of Maternal Fiber Intake on Intestinal Morphology, Bacterial Profile and Proteome of Newborns Using Pig as Model. <i>Nutrients</i> , 2021, 13, 42.  | 4.1 | 13        |
| 33 | Effects of Melatonin Supplementation during Pregnancy on Reproductive Performance, Maternal "Placental" Fetal Redox Status, and Placental Mitochondrial Function in a Sow Model. <i>Antioxidants</i> , 2021, 10, 1867.                                | 5.1 | 9         |
| 34 | Effects of Dietary Choline Levels During Pregnancy on Reproductive Performance, Plasma Metabolome and Gut Microbiota of Sows. <i>Frontiers in Veterinary Science</i> , 2021, 8, 771228.   | 2.2 | 2         |
| 35 | Maternal Dietary Fiber Composition during Gestation Induces Changes in Offspring Antioxidative Capacity, Inflammatory Response, and Gut Microbiota in a Sow Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 31.                 | 4.1 | 56        |
| 36 | Knockdown of OsSAE1a affects the growth and development and phosphate homeostasis in rice. <i>Journal of Plant Physiology</i> , 2020, 255, 153275.  | 3.5 | 6         |

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|----|--|------|-----------|
| 37 | Dietary fiber sources for gestation sows: Evaluations based on combined in vitro and in vivo methodology. <i>Animal Feed Science and Technology</i> , 2020, 269, 114636.   | 2.2  | 14        |
| 38 | Glucose activates the primordial follicle through the AMPK/mTOR signaling pathway. <i>Clinical and Translational Medicine</i> , 2020, 10, e122.  | 4.0  | 11        |
| 39 | Maternal supplementation of organic selenium during gestation improves sows and offspring antioxidant capacity and inflammatory status and promotes embryo survival. <i>Food and Function</i> , 2020, 11, 7748-7761.           | 4.6  | 30        |
| 40 | Time-restricted feeding improves the reproductive function of female mice via liver fibroblast growth factor 21. <i>Clinical and Translational Medicine</i> , 2020, 10, e195.  | 4.0  | 21        |
| 41 | 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. <i>Journal of Animal Science</i> , 2020, 98, .   | 0.5  | 14        |
| 42 | Ursolic acid induces the production of IL6 and chemokines in both adipocytes and adipose tissue. <i>Adipocyte</i> , 2020, 9, 523-534.  | 2.8  | 4         |
| 43 | Effect of maternal organic selenium supplementation during pregnancy on sow reproductive performance and long-term effect on their progeny. <i>Journal of Animal Science</i> , 2020, 98, .                                     | 0.5  | 17        |
| 44 | Inclusion of purified dietary fiber during gestation improved the reproductive performance of sows. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 47.   | 5.3  | 38        |
| 45 | Soybean bioactive peptides supplementation during late gestation and lactation affect the reproductive performance, free amino acid composition in plasma and milk of sows. <i>Livestock Science</i> , 2020, 237, 104064.      | 1.6  | 5         |
| 46 | Effects of dietary supplementation with exogenous catalase on growth performance, oxidative stress, and hepatic apoptosis in weaned piglets challenged with lipopolysaccharide. <i>Journal of Animal Science</i> , 2020, 98, . | 0.5  | 30        |
| 47 | Effects of a Diet Supplemented with Exogenous Catalase from <i>Penicillium notatum</i> on Intestinal Development and Microbiota in Weaned Piglets. <i>Microorganisms</i> , 2020, 8, 391.                                       | 3.6  | 14        |
| 48 | Prospects of <i>Codonopsis pilosula</i> polysaccharides: Structural features and bioactivities diversity. <i>Trends in Food Science and Technology</i> , 2020, 103, 1-11.  | 15.1 | 28        |
| 49 | Effects of Birth Weight and Postnatal Nutritional Restriction on Skeletal Muscle Development, Myofiber Maturation, and Metabolic Status of Early-Weaned Piglets. <i>Animals</i> , 2020, 10, 156.                               | 2.3  | 5         |
| 50 | Transmissible gastroenteritis virus targets Paneth cells to inhibit the self-renewal and differentiation of Lgr5 intestinal stem cells via Notch signaling. <i>Cell Death and Disease</i> , 2020, 11, 40.                      | 6.3  | 32        |
| 51 | Polyphyllin II inhibits liver cancer cell proliferation, migration and invasion through downregulated cofilin activity and the AKT/NF- $\kappa$ B pathway. <i>Biology Open</i> , 2020, 9, .                                    | 1.2  | 24        |
| 52 | Structural features of pectic polysaccharides from stems of two species of <i>Radix Codonopsis</i> and their antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 704-713.           | 7.5  | 48        |
| 53 | Soy isoflavones improve the oxidative stress induced hypothalamic inflammation and apoptosis in high fat diet-induced obese male mice through PGC1-alpha pathway. <i>Aging</i> , 2020, 12, 8710-8727.                          | 3.1  | 16        |
| 54 | Effects of the Ratio of Insoluble Fiber to Soluble Fiber in Gestation Diets on Sow Performance and Offspring Intestinal Development. <i>Animals</i> , 2019, 9, 422.  | 2.3  | 28        |

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|----|---|-----|-----------|
| 55 | A Polysaccharide Isolated from <i>Codonopsis pilosula</i> with Immunomodulation Effects Both In Vitro and In Vivo. <i>Molecules</i> , 2019, 24, 3632.   | 3.8 | 34        |
| 56 | Maternal energy insufficiency affects testicular development of the offspring in a swine model. <i>Scientific Reports</i> , 2019, 9, 14533.   | 3.3 | 2         |
| 57 | Alteration of the Antioxidant Capacity and Gut Microbiota under High Levels of Molybdenum and Green Tea Polyphenols in Laying Hens. <i>Antioxidants</i> , 2019, 8, 503.   | 5.1 | 27        |
| 58 | Transcriptome Profiling of Placenta through Pregnancy Reveals Dysregulation of Bile Acids Transport and Detoxification Function. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4099.   | 4.1 | 7         |
| 59 | Microbial Mechanistic Insights into the Role of Sweet Potato Vine on Improving Health in Chinese Meishan Gilt Model. <i>Animals</i> , 2019, 9, 632.   | 2.3 | 6         |
| 60 | Interpretation of Fiber Supplementation on Offspring Testicular Development in a Pregnant Sow Model from a Proteomics Perspective. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4549.   | 4.1 | 8         |
| 61 | Effects of dietary <i>Clostridium butyricum</i> addition to sows in late gestation and lactation on reproductive performance and intestinal microbiota. <i>Journal of Animal Science</i> , 2019, 97, 3426-3439.   | 0.5 | 26        |
| 62 | Effect of Sweet Potato Vine on the Onset of Puberty and Follicle Development in Chinese Meishan Gilts. <i>Animals</i> , 2019, 9, 297.   | 2.3 | 5         |
| 63 | Mammary Protein Synthesis upon Long-Term Nutritional Restriction Was Attenuated by Oxidative-Stress-Induced Inhibition of Vacuolar H <sup>+</sup> -Adenosine Triphosphatase/Mechanistic Target of Rapamycin Complex 1 Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8950-8957. | 5.2 | 1         |
| 64 | Effects of increased energy and amino acid intake in late gestation on reproductive performance, milk composition, metabolic, and redox status of sows. <i>Journal of Animal Science</i> , 2019, 97, 2914-2926.   | 0.5 | 26        |
| 65 | Targeted metabolomics analysis of maternal-placental-fetal metabolism in pregnant swine reveals links in fetal bile acid homeostasis and sulfation capacity. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, C8-C16.  | 3.4 | 17        |
| 66 | Effects of Fat Supplementation during Gestation on Reproductive Performance, Milk Composition of Sows and Intestinal Development of their Offspring. <i>Animals</i> , 2019, 9, 125.   | 2.3 | 7         |
| 67 | Characterization of Inulin-Type Fructan from <i>Platycodon grandiflorus</i> and Study on Its Prebiotic and Immunomodulating Activity. <i>Molecules</i> , 2019, 24, 1199.  | 3.8 | 28        |
| 68 | A pectic polysaccharide from water decoction of Xinjiang <i>Lycium barbarum</i> fruit protects against intestinal endoplasmic reticulum stress. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 508-514.   | 7.5 | 26        |
| 69 | Fibroblast growth factor 21 coordinates adiponectin to mediate the beneficial effects of low-protein diet on primordial follicle reserve. <i>EBioMedicine</i> , 2019, 41, 623-635.  | 6.1 | 43        |
| 70 | Optimal Dietary Fiber Intake to Retain a Greater Ovarian Follicle Reserve for Gilts. <i>Animals</i> , 2019, 9, 881.   | 2.3 | 6         |
| 71 | Metabolomic Profiling Reveals the Difference on Reproductive Performance between High and Low Lactational Weight Loss Sows. <i>Metabolites</i> , 2019, 9, 295.  | 2.9 | 10        |
| 72 | Polyphyllin VII Promotes Apoptosis and Autophagic Cell Death via ROS-Inhibited AKT Activity, and Sensitizes Glioma Cells to Temozolomide. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.  | 4.0 | 36        |

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|----|---|------|-----------|
| 73 | OsSIZ2 regulates nitrogen homeostasis and some of the reproductive traits in rice. <i>Journal of Plant Physiology</i> , 2019, 232, 51-60.   | 3.5  | 9         |
| 74 | Umpolung of Imines Enables Catalytic Asymmetric Regioâ€reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie</i> , 2018, 130, 5990-5994.   | 2.0  | 14        |
| 75 | Umpolung of Imines Enables Catalytic Asymmetric Regioâ€reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5888-5892.  | 13.8 | 61        |
| 76 | Two complement fixing pectic polysaccharides from pedicel of <i>Lycium barbarum</i> L. promote cellular antioxidant defense. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 356-363.  | 7.5  | 27        |
| 77 | Sucrose Nonfermenting-Related Kinase Regulates Both Adipose Inflammation and Energy Homeostasis in Mice and Humans. <i>Diabetes</i> , 2018, 67, 400-411.  | 0.6  | 16        |
| 78 | Dietary nucleotides supplementation during the suckling period improves the antioxidative ability of neonates with intrauterine growth retardation when using a pig model. <i>RSC Advances</i> , 2018, 8, 16152-16160.  | 3.6  | 12        |
| 79 | Characterization and prebiotic activity in vitro of inulin-type fructan from <i>Codonopsis pilosula</i> roots. <i>Carbohydrate Polymers</i> , 2018, 193, 212-220.   | 10.2 | 62        |
| 80 | Maternal methyl donor supplementation during gestation counteracts bisphenol Aâ€“induced oxidative stress in sows and offspring. <i>Nutrition</i> , 2018, 45, 76-84.  | 2.4  | 33        |
| 81 | mTORC1 signaling-associated protein synthesis in porcine mammary glands was regulated by the local available methionine depending on methionine sources. <i>Amino Acids</i> , 2018, 50, 105-115.  | 2.7  | 16        |
| 82 | A Highly Enantioselective Copper/Phosphoramiditeâ€“Thioetherâ€“Catalyzed Diastereodivergent 1,3â€“Dipolar Cycloaddition of Azomethine Ylides and Nitroalkenes. <i>Chemistry - A European Journal</i> , 2018, 24, 1714-1719.   | 3.3  | 31        |
| 83 | OsPHR3 affects the traits governing nitrogen homeostasis in rice. <i>BMC Plant Biology</i> , 2018, 18, 241.   | 3.6  | 15        |
| 84 | Supplementation with organic acids showing different effects on growth performance, gut morphology and microbiota of weaned pigs fed with highly or less digestible diets. <i>Journal of Animal Science</i> , 2018, 96, 3302-3318.  | 0.5  | 33        |
| 85 | Comparison of microRNA transcriptomes reveals differential regulation of microRNAs in different-aged boars. <i>Theriogenology</i> , 2018, 119, 105-113.   | 2.1  | 7         |
| 86 | 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. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1340-1350. | 2.2  | 19        |
| 87 | Identification of hepatic fibroblast growth factor 21 as a mediator in 17Î²â€“estradiolâ€“induced white adipose tissue browning. <i>FASEB Journal</i> , 2018, 32, 5602-5611.  | 0.5  | 27        |
| 88 | High nutrient intake during the early postnatal period accelerates skeletal muscle fiber growth and maturity in intrauterine growth-restricted pigs. <i>Genes and Nutrition</i> , 2018, 13, 23.   | 2.5  | 11        |
| 89 | The Polysaccharides from <i>Codonopsis pilosula</i> Modulates the Immunity and Intestinal Microbiota of Cyclophosphamide-Treated Immunosuppressed Mice. <i>Molecules</i> , 2018, 23, 1801.  | 3.8  | 77        |
| 90 | Substitution of soybean meal with detoxified <i>Jatropha curcas</i> kernel meal: Effects on performance, nutrient utilization, and meat edibility of growing pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 888-898.  | 2.4  | 10        |

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|-----|--|------|-----------|
| 91  | Effects of prebiotic inulin addition to low- or high-fat diet on maternal metabolic status and neonatal traits of offspring in a pregnant sow model. <i>Journal of Functional Foods</i> , 2018, 48, 125-133.   | 3.4  | 6         |
| 92  | Is male infertility associated with increased oxidative stress in seminal plasma? A-meta analysis. <i>Oncotarget</i> , 2018, 9, 24494-24513.   | 1.8  | 42        |
| 93  | Development of novel EST-SSR markers for ploidy identification based on de novo transcriptome assembly for <i>Misgurnus anguillicaudatus</i> . <i>PLoS ONE</i> , 2018, 13, e0195829.   | 2.5  | 23        |
| 94  | Effects of intrauterine growth retardation and <i>Bacillus subtilis</i> PB6 supplementation on growth performance, intestinal development and immune function of piglets during the suckling period. <i>European Journal of Nutrition</i> , 2017, 56, 1753-1765. | 3.9  | 54        |
| 95  | Maternal nutrition modulates fetal development by inducing placental efficiency changes in gilts. <i>BMC Genomics</i> , 2017, 18, 213.   | 2.8  | 37        |
| 96  | Tumor grade related expression of neuroglobin is negatively regulated by PPAR $\gamma$ 3 and confers antioxidant activity in glioma progression. <i>Redox Biology</i> , 2017, 12, 682-689.   | 9.0  | 19        |
| 97  | Influence of dietary fat source on sow and litter performance, colostrum and milk fatty acid profile in late gestation and lactation. <i>Animal Science Journal</i> , 2017, 88, 1768-1778.   | 1.4  | 32        |
| 98  | OsSIZ2 exerts regulatory influences on the developmental responses and phosphate homeostasis in rice. <i>Scientific Reports</i> , 2017, 7, 12280.  | 3.3  | 11        |
| 99  | Beneficial effects of dietary soluble fiber supplementation in replacement gilts: Pubertal onset and subsequent performance. <i>Animal Reproduction Science</i> , 2017, 186, 11-20.  | 1.5  | 14        |
| 100 | Effects of the different levels of dietary vitamin D on boar performance and semen quality. <i>Livestock Science</i> , 2017, 203, 63-68.   | 1.6  | 12        |
| 101 | Effects of oil quality and antioxidant supplementation on sow performance, milk composition and oxidative status in serum and placenta. <i>Lipids in Health and Disease</i> , 2017, 16, 107.   | 3.0  | 16        |
| 102 | A pectic polysaccharide from <i>Ligusticum chuanxiong</i> promotes intestine antioxidant defense in aged mice. <i>Carbohydrate Polymers</i> , 2017, 174, 915-922.  | 10.2 | 60        |
| 103 | Comparison of age and growth performance of diploid and tetraploid loach <i>Misgurnus anguillicaudatus</i> in the Yangtze River basin, China. <i>Environmental Biology of Fishes</i> , 2017, 100, 815-828.   | 1.0  | 10        |
| 104 | Effects of 25 $\alpha$ -hydroxycholecalciferol supplementation in maternal diets on milk quality and serum bone status markers of sows and bone quality of piglets. <i>Animal Science Journal</i> , 2017, 88, 476-483.   | 1.4  | 20        |
| 105 | Endoplasmic Reticulum Stress Inducer Tunicamycin Alters Hepatic Energy Homeostasis in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1710.   | 4.1  | 43        |
| 106 | Purification and Partial Structural Characterization of a Complement Fixating Polysaccharide from Rhizomes of <i>Ligusticum chuanxiong</i> . <i>Molecules</i> , 2017, 22, 287.   | 3.8  | 24        |
| 107 | A Pectic Polysaccharide from Sijunzi Decoction Promotes the Antioxidant Defenses of SW480 Cells. <i>Molecules</i> , 2017, 22, 1341.  | 3.8  | 11        |
| 108 | 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. <i>Nutrients</i> , 2017, 9, 423. | 4.1  | 30        |

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|-----|--|------|-----------|
| 109 | Effects of Maternal Low-Energy Diet during Gestation on Intestinal Morphology, Disaccharidase Activity, and Immune Response to Lipopolysaccharide Challenge in Pig Offspring. <i>Nutrients</i> , 2017, 9, 1115.  | 4.1  | 27        |
| 110 | Chronic High Dose Zinc Supplementation Induces Visceral Adipose Tissue Hypertrophy without Altering Body Weight in Mice. <i>Nutrients</i> , 2017, 9, 1138.   | 4.1  | 27        |
| 111 | Microbial Mechanistic Insight into the Role of Inulin in Improving Maternal Health in a Pregnant Sow Model. <i>Frontiers in Microbiology</i> , 2017, 8, 2242.  | 3.5  | 46        |
| 112 | A Maternal High-Energy Diet Promotes Intestinal Development and Intrauterine Growth of Offspring. <i>Nutrients</i> , 2016, 8, 258.   | 4.1  | 16        |
| 113 | Effect of High Fat Dietary Intake during Maternal Gestation on Offspring Ovarian Health in a Pig Model. <i>Nutrients</i> , 2016, 8, 498.   | 4.1  | 27        |
| 114 | Influence of extrusion of corn and broken rice on energy content and growth performance of weaning pigs. <i>Animal Science Journal</i> , 2016, 87, 1386-1395.  | 1.4  | 10        |
| 115 | Enhanced leavening properties of baker's yeast by reducing sucrase activity in sweet dough. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6375-6383.  | 3.6  | 14        |
| 116 | Maternal high fat intake affects the development and transcriptional profile of fetal intestine in late gestation using pig model. <i>Lipids in Health and Disease</i> , 2016, 15, 90.   | 3.0  | 4         |
| 117 | Moderately increased energy intake during gestation improves body condition of primiparous sows, piglet growth performance, and milk fat and protein output. <i>Livestock Science</i> , 2016, 194, 23-30.  | 1.6  | 15        |
| 118 | Intra-uterine undernutrition amplifies age-associated glucose intolerance in pigs via altered DNA methylation at muscle GLUT4 promoter. <i>British Journal of Nutrition</i> , 2016, 116, 390-401.  | 2.3  | 20        |
| 119 | Dietary supplementation with $\beta$ -hydroxy- $\beta$ -methylbutyrate calcium during the early postnatal period accelerates skeletal muscle fibre growth and maturity in intra-uterine growth-retarded and normal-birth-weight piglets. <i>British Journal of Nutrition</i> , 2016, 115, 1360-1369. | 2.3  | 25        |
| 120 | Highly enantioselective Pd-catalyzed indole allylic alkylation using binaphthyl-based phosphoramidite-thioether ligands. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1246-1249.  | 4.5  | 32        |
| 121 | P,Sâ€¦Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladiumâ€Catalyzed Decarboxylative [4+2] Cycloadditions. <i>Angewandte Chemie</i> , 2016, 128, 2240-2244.   | 2.0  | 40        |
| 122 | P,Sâ€¦Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladiumâ€Catalyzed Decarboxylative [4+2] Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2200-2204.  | 13.8 | 158       |
| 123 | Improving maternal vitamin D status promotes prenatal and postnatal skeletal muscle development of pig offspring. <i>Nutrition</i> , 2016, 32, 1144-1152.  | 2.4  | 33        |
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