

# Yulong Yin

## 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.

406  
papers

10,955  
citations

51  
h-index

87  
g-index

422  
ext. papers

14,827  
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4.6  
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6.7  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 406 | Maternal iron supplementation during pregnancy affects placental function and iron status in offspring.. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2022</b> , 71, 126950  | 4.1  | 0         |
| 405 | Paternal Zn-deficiency abolishes metabolic effects in offspring induced by diet type.. <i>Animal Nutrition</i> , <b>2022</b> , 8, 310-320   | 4.8  | 0         |
| 404 | Changes in progenitors and differentiated epithelial cells of neonatal piglets.. <i>Animal Nutrition</i> , <b>2022</b> , 8, 265-276   | 4.8  | 1         |
| 403 | -Acetyl-D-glucosamine improves the intestinal development and nutrient absorption of weaned piglets via regulating the activity of intestinal stem cells.. <i>Animal Nutrition</i> , <b>2022</b> , 8, 10-17   | 4.8  | 0         |
| 402 | Comparisons of carcass traits, meat quality, and serum metabolome between Shaziling and Yorkshire pigs.. <i>Animal Nutrition</i> , <b>2022</b> , 8, 125-134   | 4.8  | 2         |
| 401 | Melatonergic signalling instructs transcriptional inhibition of IFNGR2 to lessen interleukin-1 $\beta$ -dependent inflammation.. <i>Clinical and Translational Medicine</i> , <b>2022</b> , 12, e716  | 5.7  | 1         |
| 400 | A review of the amino acid metabolism in placental function response to fetal loss and low birth weight in pigs.. <i>Journal of Animal Science and Biotechnology</i> , <b>2022</b> , 13, 28   | 6    | 1         |
| 399 | Effects of Dietary Chlorogenic Acid Supplementation Derived from Hand-Mazz on Growth Performance, Free Amino Acid Profile, and Muscle Protein Synthesis in a Finishing Pig Model.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 6316611 | 6.7  | 2         |
| 398 | China's low-emission pathways toward climate-neutral livestock production for animal-derived foods.. <i>Innovation(China)</i> , <b>2022</b> , 3, 100220   | 17.8 | 2         |
| 397 | Effects of Different Supplemental Levels of Leaf Extract in the Diet on Carcass Traits and Lipid Metabolism in Growing-Finishing Pigs.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 828165  | 3.1  | 0         |
| 396 | Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile. <i>Environmental Pollution</i> , <b>2021</b> , 293, 118572   | 9.3  | 4         |
| 395 | Dietary Polysaccharide Enhances Intestinal Immune Response, Integrity, and Caecal Microbial Activity of Broiler Chickens.. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 783819  | 6.2  | 5         |
| 394 | Long-read assembly of the Chinese indigenous Ningxiang pig genome and identification of genetic variations in fat metabolism among different breeds. <i>Molecular Ecology Resources</i> , <b>2021</b> ,   | 8.4  | 2         |
| 393 | MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2021</b> ,   | 10.3 | 2         |
| 392 | Balanced Branched-Chain Amino Acids Modulate Meat Quality via Adjusting Muscle Fiber Type Conversion and Intramuscular Fat Deposition in Finishing Pigs.. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> ,                                   | 4.3  | 4         |
| 391 | Effects of varying dietary folic acid during weaning stress of piglets. <i>Animal Nutrition</i> , <b>2021</b> , 7, 101-110  | 4.8  | 1         |
| 390 | Yeast-based nucleotide supplementation in mother sows modifies the intestinal barrier function and immune response of neonatal pigs. <i>Animal Nutrition</i> , <b>2021</b> , 7, 84-93   | 4.8  | 3         |

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| 389 | Serine Supplementation in the Diets of Late Gestating and Lactating Sows Improves Selenium Nutritional Status in Sows and Their Offspring. <i>Biological Trace Element Research</i> , <b>2021</b> , 1  | 4.5  | 1  |
| 388 | Butyrate in Energy Metabolism: There Is Still More to Learn. <i>Trends in Endocrinology and Metabolism</i> , <b>2021</b> , 32, 159-169   | 8.8  | 35 |
| 387 | D-Galactose Induces Chronic Oxidative Stress and Alters Gut Microbiota in Weaned Piglets. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 634283  | 4.6  | 2  |
| 386 | Dietary Beta-Hydroxy Beta-Methyl Butyrate Supplementation Alleviates Liver Injury in Lipopolysaccharide-Challenged Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 5546843   | 6.7  | 0  |
| 385 | Metabolomic analysis of the egg yolk during the embryonic development of broilers. <i>Poultry Science</i> , <b>2021</b> , 100, 101014  | 3.9  | 6  |
| 384 | GABA transporter sustains IL-1 $\beta$ production in macrophages. <i>Science Advances</i> , <b>2021</b> , 7,   | 14.3 | 16 |
| 383 | Dietary Supplementation With Chlorogenic Acid Derived From Improves Meat Quality and Muscle Fiber Characteristics of Finishing Pigs via Enhancement of Antioxidant Capacity. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 650084   | 4.6  | 2  |
| 382 | YTHDF1 promotes NLRP3 translation to induce intestinal epithelial cell inflammatory injury during endotoxic shock. <i>Science China Life Sciences</i> , <b>2021</b> , 64, 1988-1991  | 8.5  | 2  |
| 381 | Effects of <i>Amaranthus hypochondriacus</i> supplementation during gestation and lactation on the apparent total tract digestibility of nutrients, lactational feed intake, and litter performance in sows. <i>Veterinary Medicine and Science</i> , <b>2021</b> , 7, 1860-1866 | 2.1  | 1  |
| 380 | Fullerene C60 Protects Against Intestinal Injury from Deoxynivalenol Toxicity by Improving Antioxidant Capacity. <i>Life</i> , <b>2021</b> , 11,   | 3    | 1  |
| 379 | Maternal Probiotic or Synbiotic Supplementation Modulates Jejunal and Colonic Antioxidant Capacity, Mitochondrial Function, and Microbial Abundance in Bama Mini-piglets. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 6618874                         | 6.7  | 2  |
| 378 | Taurine Reprograms Mammary-Gland Metabolism and Alleviates Inflammation Induced by in Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 696101  | 8.4  | 4  |
| 377 | Placental Angiogenesis in Mammals: A Review of the Regulatory Effects of Signaling Pathways and Functional Nutrients. <i>Advances in Nutrition</i> , <b>2021</b> , 12, 2415-2434   | 10   | 4  |
| 376 | Dietary Improves Serum Antioxidant Capacity and Intestinal Immunity and Alters Colonic Microbiota in Weaned Piglets. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 679129   | 6.2  | 2  |
| 375 | Different Proportions of Branched-Chain Amino Acids Modulate Lipid Metabolism in a Finishing Pig Model. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 7037-7048  | 5.7  | 4  |
| 374 | Effect of Dietary Amylose/Amylopectin Ratio on Intestinal Health and Cecal Microbes Profiles of Weaned Pigs Undergoing Feed Transition or Challenged With Lipopolysaccharide. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 693839  | 5.7  | 1  |
| 373 | Dynamic Changes of Metabolite Profiles in Maternal Biofluids During Gestation Period in Huanjiang Mini-Pigs. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 636943  | 3.1  | 0  |
| 372 | Effects of different concentrations of coated nano zinc oxide material on fecal bacterial composition and intestinal barrier in weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 735-745   | 4.3  | 3  |

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|-----|---|------|----|
| 371 | An electrochemical impedimetric sensing platform based on a peptide aptamer identified by high-throughput molecular docking for sensitive l-arginine detection. <i>Bioelectrochemistry</i> , <b>2021</b> , 137, 107634                                    | 5.6  | 16 |
| 370 | Mulberry leaf powder regulates antioxidative capacity and lipid metabolism in finishing pigs. <i>Animal Nutrition</i> , <b>2021</b> , 7, 421-429  | 4.8  | 2  |
| 369 | Effects of circadian iron administration on iron bioavailability and biological rhythm in pigs. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 2712-2717  | 4.3  |    |
| 368 | Postnatal growth retardation is associated with deteriorated intestinal mucosal barrier function using a porcine model. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 2631-2648  | 7    | 2  |
| 367 | A maternal high-fat/low-fiber diet impairs glucose tolerance and induces the formation of glycolytic muscle fibers in neonatal offspring. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 2709-2718  | 5.2  | 4  |
| 366 | Effect of COVID-19 on animal breeding development in China and its countermeasures. <i>Animal Frontiers</i> , <b>2021</b> , 11, 39-42   | 5.5  | 2  |
| 365 | The Landscape of Interactions between Hypoxia-Inducible Factors and Reactive Oxygen Species in the Gastrointestinal Tract. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 8893663   | 6.7  | 1  |
| 364 | Effect of dietary folate level on organ weight, digesta pH, short-chain fatty acid concentration, and intestinal microbiota of weaned piglets. <i>Journal of Animal Science</i> , <b>2021</b> , 99,   | 0.7  | 3  |
| 363 | The microbiota-gut-brain axis: A novel nutritional therapeutic target for growth retardation. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-26  | 11.5 | 3  |
| 362 | Advanced single-cell pooled CRISPR screening identifies C19orf53 required for cell proliferation based on mTORC1 regulators. <i>Cell Biology and Toxicology</i> , <b>2021</b> , 1   | 7.4  | 2  |
| 361 | 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> , <b>2021</b> , 7, 111-118   | 4.8  | 5  |
| 360 | Starch supplementation improves the reproductive performance of sows in different glucose tolerance status. <i>Animal Nutrition</i> , <b>2021</b> , 7, 1231-1241  | 4.8  | 2  |
| 359 | Dietary Tributyrin Administration Improves Intestinal Morphology and Selected Bacterial and Short-Chain Fatty Acid Profiles in Broilers Under an Isocaloric Feeding Regime. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 715712                   | 5.7  | 0  |
| 358 | Nuclear Magnetic Resonance-Based Metabolomic Analysis Reveals Physiological Stage, Breed, and Diet Effects on the Intramuscular Metabolism of Amino Acids and Related Nutrients in Pigs. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 681192 | 3.1  | 1  |
| 357 | Nox2 impairs VEGF-A-induced angiogenesis in placenta via mitochondrial ROS-STAT3 pathway. <i>Redox Biology</i> , <b>2021</b> , 45, 102051   | 11.3 | 7  |
| 356 | Effects of iron, vitamin A, and the interaction between the two nutrients on intestinal development and cell differentiation in piglets. <i>Journal of Animal Science</i> , <b>2021</b> , 99,   | 0.7  | 1  |
| 355 | Dietary high protein-induced diarrhea and intestinal inflammation by activation of NF- $\kappa$ B signaling in piglets. <i>Animal Nutrition</i> , <b>2021</b> , 7, 1070-1077  | 4.8  | 0  |
| 354 | The Role of Oxidative Stress and Antioxidant Balance in Pregnancy. <i>Mediators of Inflammation</i> , <b>2021</b> , 2021, 9962860   | 4.3  | 9  |

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| 353 | Resveratrol Improves Growth Performance, Intestinal Morphology, and Microbiota Composition and Metabolism in Mice. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 726878  | 5.7  | 3  |
| 352 | Plant Extracts in Obesity: A Role of Gut Microbiota. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 727951  | 6.2  | 1  |
| 351 | The Role of Polyphenols in Regulation of Heat Shock Proteins and Gut Microbiota in Weaning Stress. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 6676444   | 6.7  | 0  |
| 350 | Probiotics and Polysaccharides Improve Growth Performance via Promoting Intestinal Nutrient Utilization and Enhancing Immune Function of Weaned Pigs. <i>Animals</i> , <b>2021</b> , 11,  | 3.1  | 2  |
| 349 | Effect of dietary histamine on intestinal morphology, inflammatory status, and gut microbiota in yellow catfish ( <i>Pelteobagrus fulvidraco</i> ). <i>Fish and Shellfish Immunology</i> , <b>2021</b> , 117, 95-103  | 4.3  | 1  |
| 348 | A water-soluble $\beta$ -glucan improves growth performance by altering gut microbiome and health in weaned pigs. <i>Animal Nutrition</i> , <b>2021</b> , 7, 1345-1351  | 4.8  | 0  |
| 347 | Effects and interaction of dietary electrolyte balance and citric acid on growth performance, intestinal histomorphology, digestive enzyme activity and nutrient transporters expression of weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2021</b> , 105, 272-285 | 2.6  | 2  |
| 346 | Effects of Different Dietary Protein Levels on the Growth Performance, Serum Biochemical Parameters, Fecal Nitrogen, and Carcass Traits of Huanjiang Mini-Pigs.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 777671   | 3.1  | 0  |
| 345 | Role of Dietary Amino Acids and Nutrient Sensing System in Pregnancy Associated Disorders. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 586979  | 5.6  | 7  |
| 344 | Effects of Paper Mulberry () Leaf Extract on Growth Performance and Fecal Microflora of Weaned Piglets. <i>BioMed Research International</i> , <b>2020</b> , 2020, 6508494  | 3    | 6  |
| 343 | Flavones as Potential Alternatives to Antibiotic Growth Promoters in a Low-Protein Diet Improve Growth Performance and Intestinal Health in Weaning Piglets. <i>Animals</i> , <b>2020</b> , 10,   | 3.1  | 2  |
| 342 | Leucine Supplementation: A Novel Strategy for Modulating Lipid Metabolism and Energy Homeostasis. <i>Nutrients</i> , <b>2020</b> , 12,  | 6.7  | 15 |
| 341 | Effects of dose and duration of dietary copper administration on hepatic lipid peroxidation and ultrastructure alteration in piglets model. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 61, 126561   | 4.1  | 10 |
| 340 | Using rice as a remediating plant to deplete bioavailable arsenic from paddy soils. <i>Environment International</i> , <b>2020</b> , 141, 105799  | 12.9 | 14 |
| 339 | Chloroquine Improves Deoxynivalenol-Induced Inflammatory Response and Intestinal Mucosal Damage in Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 9834813  | 6.7  | 2  |
| 338 | Effects of different maternal feeding strategies from day 1 to day 85 of gestation on glucose tolerance and muscle development in both low and normal birth weight piglets. <i>Journal of the Science of Food and Agriculture</i> , <b>2020</b> , 100, 5403-5411                                  | 4.3  | 2  |
| 337 | Protein Level and Infantile Diarrhea in a Postweaning Piglet Model. <i>Mediators of Inflammation</i> , <b>2020</b> , 2020, 1937387  | 4.3  | 4  |
| 336 | Protective effects of taurine against muscle damage induced by diquat in 35 days weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , <b>2020</b> , 11, 56  | 6    | 7  |

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| 335 | Placentae for Low Birth Weight Piglets Are Vulnerable to Oxidative Stress, Mitochondrial Dysfunction, and Impaired Angiogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 8715412   | 6.7 | 11 |
| 334 | Effects of GABA Supplementation on Intestinal SIgA Secretion and Gut Microbiota in the Healthy and ETEC-Infected Weanling Piglets. <i>Mediators of Inflammation</i> , <b>2020</b> , 2020, 7368483   | 4.3 | 3  |
| 333 | Chloroquine Downregulation of Intestinal Autophagy to Alleviate Biological Stress in Early-Weaned Piglets. <i>Animals</i> , <b>2020</b> , 10,   | 3.1 | 7  |
| 332 | Effects of stocking density on growth performance, blood parameters and immunity of growing pigs. <i>Animal Nutrition</i> , <b>2020</b> , 6, 529-534  | 4.8 | 0  |
| 331 | Dietary glutamine, glutamate, and aspartate supplementation improves hepatic lipid metabolism in post-weaning piglets. <i>Animal Nutrition</i> , <b>2020</b> , 6, 124-129   | 4.8 | 1  |
| 330 | Functional bioactive substance improves the growth performance, antioxidant capacity and immune function of growth retardation pigs. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 329-340  | 2.9 | 3  |
| 329 | Changes in cecal morphology, cell proliferation, antioxidant enzyme, volatile fatty acids, lipopolysaccharide, and cytokines in piglets during the postweaning period. <i>Journal of Animal Science</i> , <b>2020</b> , 98,                               | 0.7 | 3  |
| 328 | Effects of Stearic Acid on Proliferation, Differentiation, Apoptosis, and Autophagy in Porcine Intestinal Epithelial Cells. <i>Current Molecular Medicine</i> , <b>2020</b> , 20, 157-166   | 2.5 | 2  |
| 327 | Dietary vitamin A affects growth performance, intestinal development, and functions in weaned piglets by affecting intestinal stem cells. <i>Journal of Animal Science</i> , <b>2020</b> , 98,  | 0.7 | 16 |
| 326 | Effects of vitamin B6 on the growth performance, intestinal morphology, and gene expression in weaned piglets that are fed a low-protein diet1. <i>Journal of Animal Science</i> , <b>2020</b> , 98,  | 0.7 | 7  |
| 325 | Gut microbiota and blood metabolomics in weaning multiparous sows: Associations with oestrous. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2020</b> , 104, 1155-1168  | 2.6 | 11 |
| 324 | The relationship between villous height and growth performance, small intestinal mucosal enzymes activities and nutrient transporters expression in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2020</b> , 104, 606-615 | 2.6 | 8  |
| 323 | Effects and interaction of dietary electrolyte balance and citric acid on the intestinal function of weaned piglets. <i>Journal of Animal Science</i> , <b>2020</b> , 98,   | 0.7 | 5  |
| 322 | Dynamic changes in circulating levels of metabolites in the portal-drained viscera of finishing pigs receiving acute administration of L-arginine. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2020</b> , 104, 1424-1431                | 2.6 |    |
| 321 | Antioxidant and Anti-Inflammatory Effects of Different Zinc Sources on Diquat-Induced Oxidant Stress in a Piglet Model. <i>BioMed Research International</i> , <b>2020</b> , 2020, 3464068  | 3   | 10 |
| 320 | The Effects of Lauric Acid on IPEC-J2 Cell Differentiation, Proliferation, and Death. <i>Current Molecular Medicine</i> , <b>2020</b> , 20, 572-581   | 2.5 |    |
| 319 | The Effects of Butyric Acid on the Differentiation, Proliferation, Apoptosis, and Autophagy of IPEC-J2 Cells. <i>Current Molecular Medicine</i> , <b>2020</b> , 20, 307-317   | 2.5 | 5  |
| 318 | Responses of Intestinal Microbiota and Immunity to Increasing Dietary Levels of Iron Using a Piglet Model. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 603392   | 5.7 | 3  |

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| 317 | The Associated Regulatory Mechanisms of Zinc Lactate in Redox Balance and Mitochondrial Function of Intestinal Porcine Epithelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 8815383             | 6.7  | 1  |
| 316 | Impacts of Amino Acids on the Intestinal Defensive System. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1265, 133-151   | 3.6  | 12 |
| 315 | Oxidative stress, nutritional antioxidants and beyond. <i>Science China Life Sciences</i> , <b>2020</b> , 63, 866-874   | 8.5  | 40 |
| 314 | Eucommia ulmoides flavones (EUF) abrogated enterocyte damage induced by LPS involved in NF-B signaling pathway. <i>Toxicology in Vitro</i> , <b>2020</b> , 62, 104674   | 3.6  | 10 |
| 313 | Flavonoids and type 2 diabetes: Evidence of efficacy in clinical and animal studies and delivery strategies to enhance their therapeutic efficacy. <i>Pharmacological Research</i> , <b>2020</b> , 152, 104629                      | 10.2 | 52 |
| 312 | Sulfur-containing amino acid supplementation to gilts from late pregnancy to lactation altered offspring intestinal microbiota and plasma metabolites. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 1227-1242 | 5.7  | 13 |
| 311 | Postnatal growth retardation is associated with intestinal mucosa mitochondrial dysfunction and aberrant energy status in piglets. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 10100-10111                | 5.6  | 5  |
| 310 | Effects of iron on intestinal development and epithelial maturation of suckling piglets. <i>Journal of Animal Science</i> , <b>2020</b> , 98,   | 0.7  | 2  |
| 309 | Functional probiotics of lactic acid bacteria from Hu sheep milk. <i>BMC Microbiology</i> , <b>2020</b> , 20, 228   | 4.5  | 14 |
| 308 | Melatonin Alleviates Neuroinflammation and Metabolic Disorder in DSS-Induced Depression Rats. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 1241894  | 6.7  | 18 |
| 307 | Effects of Iron Deficiency on Serum Metabolome, Hepatic Histology, and Function in Neonatal Piglets. <i>Animals</i> , <b>2020</b> , 10,   | 3.1  | 1  |
| 306 | Maternal serine supply from late pregnancy to lactation improves offspring performance through modulation of metabolic pathways. <i>Food and Function</i> , <b>2020</b> , 11, 8089-8098   | 6.1  | 3  |
| 305 | Effects of Combined Supplementation of Conjugated Linoleic Acid, Methionine Chromium, Betaine, and Cysteamine on Meat Tenderness of Rats. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5159796                        | 3    | 1  |
| 304 | Intrauterine growth restriction alters growth performance, plasma hormones, and small intestinal microbial communities in growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , <b>2020</b> , 11, 86         | 6    | 13 |
| 303 | Dietary Insect Powder Protein Sources Improve Protein Utilization by Regulation on Intestinal Amino Acid-Chemosensing System. <i>Animals</i> , <b>2020</b> , 10,  | 3.1  | 7  |
| 302 | Effects of dietary gamma-aminobutyric acid supplementation on amino acid profile, intestinal immunity, and microbiota in ETEC-challenged piglets. <i>Food and Function</i> , <b>2020</b> , 11, 9067-9074                            | 6.1  | 2  |
| 301 | Impact of Gallic Acid on Gut Health: Focus on the Gut Microbiome, Immune Response, and Mechanisms of Action. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 580208  | 8.4  | 31 |
| 300 | Glutamate and aspartate alleviate testicular/epididymal oxidative stress by supporting antioxidant enzymes and immune defense systems in boars. <i>Science China Life Sciences</i> , <b>2020</b> , 63, 116-124                      | 8.5  | 17 |

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| 299 | Effects of dietary alpha-ketoglutarate on bacteria profiles in the faeces of lactating sows and their suckling piglets. <i>Archives of Animal Nutrition</i> , <b>2020</b> , 74, 39-56  | 2.7  | 2  |
| 298 | Comparison of Oral and Parenteral Iron Administration on Iron Homeostasis, Oxidative and Immune Status in Anemic Neonatal Pigs. <i>Biological Trace Element Research</i> , <b>2020</b> , 195, 117-124  | 4.5  | 8  |
| 297 | Dietary Supplementation With Leucine or in Combination With Arginine Decreases Body Fat Weight and Alters Gut Microbiota Composition in Finishing Pigs. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1767  | 5.7  | 14 |
| 296 | Dietary supplementation with fermented Mao-tai lees beneficially affects gut microbiota structure and function in pigs. <i>AMB Express</i> , <b>2019</b> , 9, 26   | 4.1  | 9  |
| 295 | Effects of maternal alpha-ketoglutarate supplementation during lactation on the performance of lactating sows and suckling piglets. <i>Archives of Animal Nutrition</i> , <b>2019</b> , 73, 457-471  | 2.7  | 3  |
| 294 | Arsenic removal from flooded paddy soil with spontaneous hygrophyte markedly attenuates rice grain arsenic. <i>Environment International</i> , <b>2019</b> , 133, 105159   | 12.9 | 12 |
| 293 | Dietary energy sources during late gestation and lactation of sows: effects on performance, glucolipid metabolism, oxidative status of sows, and their offspring <sup>1</sup> . <i>Journal of Animal Science</i> , <b>2019</b> , 97, 4608-4618                           | 0.7  | 13 |
| 292 | Influence of supplemented coated-cysteamine on morphology, apoptosis and oxidative stress status of gastrointestinal tract. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 328   | 2.7  | 4  |
| 291 | Post-natal Growth Retardation Associated With Impaired Gut Hormone Profiles, Immune and Antioxidant Function in Pigs. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 660  | 5.7  | 6  |
| 290 | Effects of dietary gamma-aminobutyric acid supplementation on the intestinal functions in weaning piglets. <i>Food and Function</i> , <b>2019</b> , 10, 366-378  | 6.1  | 29 |
| 289 | Glutamate effects on sucking piglet intestinal morphology and luminal metabolites. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2019</b> , 103, 612-617   | 2.6  | 3  |
| 288 | Effects of dietary supplementation with epidermal growth factor on nutrient digestibility, intestinal development and expression of nutrient transporters in early-weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2019</b> , 103, 618-625 | 2.6  | 12 |
| 287 | Dietary microRNA-A Novel Functional Component of Food. <i>Advances in Nutrition</i> , <b>2019</b> , 10, 711-721  | 10   | 18 |
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| 246 | 92 Postnatal growth retardation impairs intestinal mucosal barrier in piglets. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 78-78  | 0.7 | 78 |

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| 41 | Effects of ferrous carbamoyl glycine on iron state and absorption in an iron-deficient rat model. <i>Genes and Nutrition</i> , <b>2015</b> , 10, 54   | 4.3 | 7   |
| 40 | Effect of dietary selenium yeast supplementation on porcine circovirus type 2 (PCV2) infections in mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0115833   | 3.7 | 19  |
| 39 | Effects of dietary supplementation with glutamate and aspartate on diquat-induced oxidative stress in piglets. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122893   | 3.7 | 107 |
| 38 | Nutritional and regulatory roles of leucine in muscle growth and fat reduction. <i>Frontiers in Bioscience - Landmark</i> , <b>2015</b> , 20, 796-813   | 2.8 | 41  |
| 37 | Effect of Soyabean Isoflavones Exposure on Onset of Puberty, Serum Hormone Concentration and Gene Expression in Hypothalamus, Pituitary Gland and Ovary of Female Bama Miniature Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2015</b> , 28, 1573-82 | 2.4 | 3   |
| 36 | Proteomic Analysis Reveals Cross-Talk of Adipocytes and Myotubes in Co-Culture. <i>FASEB Journal</i> , <b>2015</b> , 29, 742.5  | 0.9 |     |
| 35 | n-6:n-3 PUFA ratio is involved in regulating lipid metabolism and inflammation in pigs. <i>British Journal of Nutrition</i> , <b>2014</b> , 111, 445-51   | 3.6 | 71  |
| 34 | Dietary L-glutamine supplementation modulates microbial community and activates innate immunity in the mouse intestine. <i>Amino Acids</i> , <b>2014</b> , 46, 2403-13  | 3.5 | 80  |
| 33 | Enterotoxigenic Escherichia coli infection induces intestinal epithelial cell autophagy. <i>Veterinary Microbiology</i> , <b>2014</b> , 171, 160-4  | 3.3 | 30  |
| 32 | Effects of chitosan on intestinal inflammation in weaned pigs challenged by enterotoxigenic Escherichia coli. <i>PLoS ONE</i> , <b>2014</b> , 9, e104192  | 3.7 | 50  |
| 31 | Chlorogenic acid decreases intestinal permeability and increases expression of intestinal tight junction proteins in weaned rats challenged with LPS. <i>PLoS ONE</i> , <b>2014</b> , 9, e97815   | 3.7 | 66  |
| 30 | Dietary glutamate supplementation ameliorates mycotoxin-induced abnormalities in the intestinal structure and expression of amino acid transporters in young pigs. <i>PLoS ONE</i> , <b>2014</b> , 9, e112357   | 3.7 | 42  |

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| 29 | Putrescine stimulates the mTOR signaling pathway and protein synthesis in porcine trophectoderm cells. <i>Biology of Reproduction</i> , <b>2014</b> , 91, 106   | 3.9 | 51  |
| 28 | Dietary arginine supplementation of mice alters the microbial population and activates intestinal innate immunity. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 988-95  | 4.1 | 142 |
| 27 | Both dietary supplementation with monosodium L-glutamate and fat modify circulating and tissue amino acid pools in growing pigs, but with little interactive effect. <i>PLoS ONE</i> , <b>2014</b> , 9, e84533                                      | 3.7 | 22  |
| 26 | Effects of L-proline on the Growth Performance, and Blood Parameters in Weaned Lipopolysaccharide (LPS)-challenged Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2014</b> , 27, 1150-6 <sup>2.4</sup>                             |     | 20  |
| 25 | Serum amino acids profile and the beneficial effects of L-arginine or L-glutamine supplementation in dextran sulfate sodium colitis. <i>PLoS ONE</i> , <b>2014</b> , 9, e88335  | 3.7 | 104 |
| 24 | Draft Genome Sequence of Enterotoxigenic Escherichia coli Strain W25K. <i>Genome Announcements</i> , <b>2014</b> , 2,   |     | 18  |
| 23 | An NMR-based metabolomic approach to investigate the effects of supplementation with glutamic acid in piglets challenged with deoxynivalenol. <i>PLoS ONE</i> , <b>2014</b> , 9, e113687  | 3.7 | 29  |
| 22 | Effects of dietary L-lysine intake on the intestinal mucosa and expression of CAT genes in weaned piglets. <i>Amino Acids</i> , <b>2013</b> , 45, 383-91  | 3.5 | 59  |
| 21 | Molecular cloning, tissue distribution and ontogenetic expression of Xiang pig chemerin and its involvement in regulating energy metabolism through Akt and ERK1/2 signaling pathways. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 1887-94 | 2.8 | 16  |
| 20 | Protective effects of N-acetylcysteine on intestinal functions of piglets challenged with lipopolysaccharide. <i>Amino Acids</i> , <b>2012</b> , 43, 1233-42  | 3.5 | 107 |
| 19 | Impacts of birth weight on plasma, liver and skeletal muscle neutral amino acid profiles and intestinal amino acid transporters in suckling Huanjiang mini-piglets. <i>PLoS ONE</i> , <b>2012</b> , 7, e50921                                       | 3.7 | 33  |
| 18 | Dietary L-arginine supplementation differentially regulates expression of lipid-metabolic genes in porcine adipose tissue and skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 441-5                                 | 6.3 | 134 |
| 17 | Effects of β-ketoglutarate on energy status in the intestinal mucosa of weaned piglets chronically challenged with lipopolysaccharide. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 357-63  | 3.6 | 65  |
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| 15 | Amino acid metabolism in the portal-drained viscera of young pigs: effects of dietary supplementation with chitosan and pea hull. <i>Amino Acids</i> , <b>2010</b> , 39, 1581-7   | 3.5 | 48  |
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