

## Professor WANG Zhiyue

College	College of Animal Science & Technology
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	In July 1984, he graduated from the former Department of Animal Husbandry and Veterinary Science of Jiangsu Agricultural University with bachelor degree.
Research Interests	Animal Nutrition and Feed Science
Selected Publications	<p>Effects of cottonseed meal on growth performance, small intestinal morphology, digestive enzyme activities, and serum biochemical parameters of geese[J].Poultry Science, 2019, 98(5): 2066-2071.</p> <p>Dietary selenomethionine increases antioxidant capacity of geese by improving glutathione and thioredoxin systems[J].Poultry Science, 2019, 98(9): 3763-3769.</p> <p>Transcriptome analysis of hepatic gene expression and DNA methylation in methionine- and betaine-supplemented geese (<i>Anser cygnoides domesticus</i>)[J].Poultry Science, 2018, 97(10): 3463-3477.</p> <p>Gas stunning with CO<sub>2</sub> affected meat color lipid peroxidation, oxidative stress, and gene expression of mitogen-activated protein kinases, glutathione S-transferases, and Cu/Zn-superoxide dismutase in the skeletal muscles of broilers[J].Journal of Animal Science and Biotechnology, 2018,9:2-12.</p> <p>Low-current &amp;high-frequency electrical stunning increased oxidative stress, lipid peroxidation, and gene transcription of the mitogen-activated protein kinase/nuclear factor-erythroid 2-related factor 2/antioxidant responsive element (MAPK/Nrf2/ARE) signaling pathway in breast muscle of</p>

	<p>broilers[J].Food Chemistry, 2018, 242:491-496.</p> <p>Effects of dietary methionine and betaine on slaughter performance, biochemical and enzymatic parameters in goose liver and hepatic composition[J].Animal Feed Science and Technology, 2017, 228:48-58.</p>
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