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HUANG Yuan, DAI Sheng, LIANG Longfei, SUN Wentao, PENG Chao, CHEN Chao, HAO Jun

AQUATIC ANIMAL NUTRITION AND FEED

- 1618 Effects of Dietary Levels of Lysine and Methionine on Growth Performance and Contents of Amino Acids in Whole Fish, Muscle and Visceral Mass of Carp (*Cyprinus carpio*)

SPECIAL ECONOMIC ANIMAL NUTRITION AND FEED

- 1633 Effects of Different Ratios of Ginger Straws Replacing Peanut Seedlings in Diets on Growth Performance, Slaughter Performance and Meat Quality of *Laiwu* Black Rabbits
- 1643 Effects of Adding Proportion of Wheat Shorts in Diets on Pellet Processing Characteristics, Growth Performance and Serum Biochemical Parameters of Meat Rabbits
- 1652 Effects of Exogenous Trehalose and Sorbitol on Cold Resistance of *Apis mellifera ligustica*

MOLECULAR AND CELLULAR NUTRITION

- 1663 Research on IPEC-J2 Cell Injury Induced by IIS Globulin via Signal Pathway of Nuclear Factor- κ B, Inducible Nitric Oxide Synthase, c-Jun N-Terminal Kinase and p38 Mitogen Activated Protein Kinase
- 1675 Sanguinarine Inhibits Inflammatory Response of Piglet Small Intestinal Mucosal Epithelial Cells Induced by Lipopolysaccharide through Nuclear Factor- κ B Signaling Pathway
- 1687 Mechanism of Sodium Butyrate Promoting Rumen Epithelial Cell Proliferation *in Vitro* Based on Insulin-Like Growth Factor I Signaling Pathway
- 1699 Resveratrol Pretreatment Alleviates Lipopolysaccharide-Induced Liver Injury in Mice by Inhibiting Inflammation and Apoptosis

EXPERIMENTAL METHOD AND ANIMAL

- 1708 Optimization of Enzymatic Hydrolysis Conditions of Rapeseed Meal by Response Surface Method
- 1716 Effects of Adding Pectic Oligosaccharide into Oxidized Diet on Antioxidant Capacity and Histomorphology of Jejunum and Liver in Weaned Rats

RELATED RESEARCH

- 1724 Analysis of Milk Composition of South China Tiger (*Panthera tigris amoyensis*) and Development of a Tiger Milk Replacer

SHORT COMMUNICATION

- 1735 Effects of Cellulose Decomposing Bacteria and *Lactobacillus buchneri* Combined Culture on Fermentation Quality, Aerobic Stability and Rumen Degradation Parameters of Corn Silage
- 1747 Effects of Octacosanol on Growth Performance, Blood Indexes, Hypoxia Tolerance of *Pengze* Crucian Carp and Environmental Factors of Aquaculture Water
- 1755 Study on Optimum Feeding Frequency and Feeding Level of Juvenile *Takifugu rubripes*
- 1766 Effects of Low Protein and Low Phosphorus Diet on Performance, Serum Biochemical Indexes, Nitrogen and Phosphorus Emissions of Lactating Sows
- 1774 Effect of Pelleted Total Mixed Ration on Growth Performance, Rumen Fermentation Parameters and Serum Biochemical Indices of *Hu* Sheep
- 1783 Effects of Tannin on Rumen Protozoa Number and Population Diversity in Sheep
- 1792 Research on Evaluation of Fiber Content in Soybean Hulls Based on Near-Infrared Spectroscopy Technique

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