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- 9(1825) Effects of Dietary Zinc on Immunity, Antioxidant Capacity and MT-I mRNA Gene Expression Level and Their Factor Correlation Analysis of 5-15 Weeks Old Goose WANG Bao-wei, *et al.*
- 9(1836) Expression and Identification of the $\sigma 3$ Gene of Avian Reovirus in Transgenic Tobacco WANG Sheng, *et al.*
- 9(1845) Screening and Identification of Silkworm Probiotic *Bacillus* SWL-19 and Its Effect on Intestinal Microflora Diversity LI Guan-nan, *et al.*

- 10(2039) Differentially Expressed microRNAs Screening Between Ovaries of Sheep Producing Single Lamb and Twins QI Yun-xia, *et al.*
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- 22(4551) Construction and ESTs Analysis of SSH Library from Host Cells Infected by *Theileria annulata* ZHAO Hong-xi, *et al.*
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- 10(2076) Effect of Piperine-and Sanshool-Experiences on Larval Feeding of *Helicoverpa armigera* LI Wei-zheng, *et al.*
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