

Contents

Volume 63 Issue 8 2023

Review

- A review of factors affecting the welfare of weaned replacement heifers in pasture-based dairy production systems
Megan Verdon 723–741

Nutrition and Reproduction

- Effects of dietary valine-to-lysine ratio on placenta growth, the placental nutrient transporters, and reproductive performance in sows
Kai Wang, Junze Liu, Liangyu Zhao, Yansen Li and Chunmei Li 742–750

Feed Processing and Performance

- Processed cassava peel–leaf blends: effect on performance, carcass yield, organ weights and ileal microflora of growing pigs
Gabriel Adedotun Williams, Olufemi Sunday Akinola, Titilayo Modupe Adeleye, Oluwakemi Tinuke Irekhore, Adebukunola Olufunmilayo Lala and Abimbola Oladele Oso 751–760
- Optimisation of solid-state fermentation process of sunflower meal based on response-surface methodology
Huiling Ao, Jiahuan Wang, Lihe Liu, Yang Liu, Xigu Liao and Yubo Chen 761–772
- Efficacy of fermented carrot by-product diets on blood profiles, immune responses, and faecal characteristics in fattening pigs
Gyo Moon Chu and Byung Ki Park 773–781

Production Systems, Environment and Management

- Integrating dual-purpose crops mitigates feedbase risk and facilitates improved lamb production systems across environments: a whole-farm modelling analysis
Lucinda J. Watt, Lindsay W. Bell, Neville I. Herrmann and Peter W. Hunt 782–801

Health and Disease Prevention

- A model of flystrike pesticide resistance management on sheep: use of pesticide rotations
Pia Benedetti Vallenari, Andrew Bailey and Brian J. Horton 802–815

Meat Science and Product Quality

- Benefits of prolonged ageing for the quality of Australian pork depends on cooking temperature and meat pH
Rozita Vaskoska, Minh Ha, Jason D. White and Robyn D. Warner 816–823