

CAMBRIDGE

JOURNALS

CAMBRIDGE JOURNALS DIGITAL ARCHIVE

- ▶ Archives are available for over 250 of our journals
- ▶ Featuring content published from 1770 to 2011
- ▶ Available as full, HSS and STM packages, smaller collections, annual top ups and as individual titles

Ask your librarian to visit
journals.cambridge.org/archives to find out more

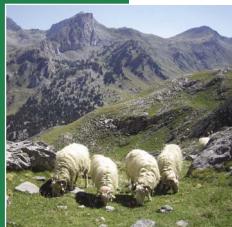


CAMBRIDGE
UNIVERSITY PRESS

CONTENTS

Nutrition

- Lamot, D. M., van der Klein, S. A. S., van de Linde, I. B., Wijtten, P. J. A., Kemp, B., van den Brand, H. and Lammers, A.* Effects of feed access after hatch and inclusion of fish oil and medium chain fatty acids in a pre-starter diet on broiler chicken growth performance and humoral immunity 1409
- Wen, Z. G., Jiang, Y., Tang, J., Xie, M., Yang, P. L. and Hou, S. S.* Effect of feed consumption levels on growth performance and carcass composition during the force-feeding period in foie gras production of male Mule ducks 1417
- Farmer, C., Robertson, P., Xiao, C. W., Rehfeldt, C. and Kalbe, C.* Exogenous genistein in late gestation: effects on fetal development and sow and piglet performance 1423
- Mendel, M., Chlopecka, M., Dziekan, N. and Karlik, W.* Modification of abomasum contractility by flavonoids present in ruminants diet: *in vitro* study 1431
- Escobar, M., Vlaeminck, B., Jeyanathan, J., Thanh, L. P., Shingfield, K. J., Wallace, R. J. and Fievez, V.* Effect of adsorbants on *in vitro* biohydrogenation of 22:6n-3 by mixed cultures of rumen microorganisms 1439
- Roca-Fernández, A. I., Peyraud, J. L., Delaby, L. and Delagarde, R.* Pasture intake and milk production of dairy cows rotationally grazing on multi-species swards 1448



Behaviour, welfare and health

- Verhoeven, M. T. W., Gerritsen, M. A., Hellebrekers, L. J. and Kemp, B.* Validation of indicators used to assess unconsciousness in veal calves at slaughter 1457
- Aluwé, M., Degezelle, I., Depuydt, L., Fremaut, D., Van den Broeke, A. and Millet, S.* Immunocastrated male pigs: effect of 4 v. 6 weeks time post second injection on performance, carcass quality and meat quality 1466
- Bonastre, C., Mitjana, O., Tejedor, M. T., Calavia, M., Yuste, A. G., Úbeda, J. L. and Falceto, M. V.* Acute physiological responses to castration-related pain in piglets: the effect of two local anaesthetics with or without meloxicam 1474

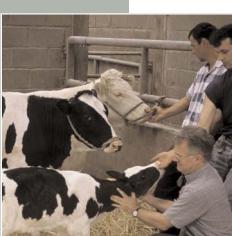


Special Topic: Precision livestock farming

- Halachmi, I. and Guarino, M.* Editorial: Precision livestock farming: a 'per animal' approach using advanced monitoring technologies 1482
- John, A. J., Clark, C. E. F., Freeman, M. J., Kerrisk, K. L., Garcia, S. C. and Halachmi, I.* Review: Milking robot utilization, a successful precision livestock farming evolution 1484
- Steenmans, M., Antler, A., Bahr, C., Berckmans, D., Maltz, E. and Halachmi, I.* A decision-tree model to detect post-calving diseases based on rumination, activity, milk yield, BW and voluntary visits to the milking robot 1493
- Halachmi, I., Ben Meir, Y., Miron, J. and Maltz, E.* Feeding behavior improves prediction of dairy cow voluntary feed intake but cannot serve as the sole indicator 1501



- Pahl, C., Hartung, E., Grothmann, A., Mahlkow-Nerge, K. and Haeussermann, A.* Suitability of feeding and chewing time for estimation of feed intake in dairy cows 1507
- Salau, J., Haas, J. H., Thaller, G., Leisen, M. and Junge, W.* Developing a multi-Kinect-system for monitoring in dairy cows: object recognition and surface analysis using wavelets 1513



- Van Hertem, T., Bahr, C., Schlageter Tello, A., Viazzi, S., Steensels, M., Romanini, C. E. B., Lokhorst, C., Maltz, E., Halachmi, I. and Berckmans, D.* Lameness detection in dairy cattle: single predictor v. multivariate analysis of image-based posture processing and behaviour and performance sensing 1525
- Van Nuffel, A., Van De Gucht, T., Saeys, W., Sonck, B., Opsomer, G., Vangeyte, J., Mertens, K. C., De Ketelaere, B. and Van Weyenberg, S.* Environmental and cow-related factors affect cow locomotion and can cause misclassification in lameness detection systems 1533
- Hoffmann, G., Schmidt, M. and Ammon, C.* First investigations to refine video-based IR thermography as a non-invasive tool to monitor the body temperature of calves 1542
- Johnston, D., Kenny, D. A., Kelly, A. K., McCabe, M. S., McGee, M., Waters, S. M. and Earley, B.* Characterisation of haematological profiles and whole blood relative gene expression levels in Holstein-Friesian and Jersey bull calves undergoing gradual weaning 1547
- Maselyne, J., Adriaens, I., Huybrechts, T., De Ketelaere, B., Millet, S., Vangeyte, J., Van Nuffel, A. and Saeys, W.* Measuring the drinking behaviour of individual pigs housed in group using radio frequency identification (RFID) 1557
- Fontana, I., Tullo, E., Scrase, A. and Butterworth, A.* Vocalisation sound pattern identification in young broiler chickens 1567

Cambridge Journals Online

For further information about this journal
please go to the journal web site at:
journals.cambridge.org/anm



MIX
Paper from
responsible
sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS