

# Cambridge Core

Explore today at cambridge.org/core

Cambridge Core



# AUGUST 2017 VOLUME 11 NUMBER 8

# **CONTENTS**

	lutr	ıtıon
-13	luu	ILIOI

Nutrition	
Ramos, M. A., Batista, S., Pires, M. A., Silva, A. P., Pereira, L. F., Saavedra, M. J., Ozório, R. O. A. and Rema, P. Dietary probiotic supplementation improves growth and the intestinal morphology of Nile tilapia	1259
Lessire, M., Gallo, V., Prato, M., Akide-Ndunge, O., Mandili, G., Marget, P., Arese, P. and Duc, G. Effects of faba beans with different concentrations of vicine and convicine on egg production, egg quality and red blood cells in laying hens	1270
Meyer, F., Jansen van Rensburg, C. and Gous, R. M. The response of weaned piglets to dietary valine and leucine	1279
Al-Mamun, M., Shibuya, K., Kajita, M., Tamura, Y. and Sano, H. Responses of plasma glucose metabolism to exogenous insulin infusion in sheep-fed forage herb plantain and exposed to heat	1287
Kazemi-Bonchenari, M., Salem, A. Z. M. and López, S. Influence of barley grain particle size and treatment with citric acid on digestibility, ruminal fermentation and microbial protein synthesis in Holstein calves	1295
Batista, E. D., Detmann, E., Valadares Filho, S. C., Titgemeyer, E. C. and Valadares, R. F. D.  The effect of CP concentration in the diet on urea kinetics and microbial usage of recycled urea in cattle: a meta-analysis	1303
Gambín, P., Serrano, M. P., Gallego, L., García, A., Cappelli, J., Ceacero, F. and Landete-Castillejos, T.  Does Cu supplementation affect the mechanical and structural properties and mineral content of red deer antler bone tissue?	1312
Physiology and functional biology of systems  Carabús, A., Sainz, R. D., Oltjen, J. W., Gispert, M. and Font-i-Furnols, M.  Growth of total fat and lean and of primal cuts is affected by the sex type	1321
Nohalez, A., Martinez, C. A., Reixach, J., Diaz, M., Vila, J., Colina, I., Parrilla, I., Vazquez, J. L., Roca, J., Gil, M. A., Rodriguez-Martinez, H., Martinez, E. A. and Cuello, C. Factors of importance when selecting sows as embryo donors	1330
Rehaviour welfare and health	



Declerck, I., Sarrazin, S., Dewuli, J. and Maes, D.	
Sow and piglet factors determining variation of colostrum intake between and within litters	1336

Brown-Brandl, T. M., Chitko-McKown, C. G., Eigenberg, R. A., Mayer, J. J., Welsh, T. H. Jr, Davis, J. D. and Purswell, J. L.	
Physiological responses of feedlot heifers provided access to different levels of shade	1344

Traoré, A., Notter, D. R., Soudre, A., Kaboré, A., Álvarez, I.,	, Fernández, I., Sanou, M., Shamshuddin, M., Periasamy, K.,
Tamboura, H. H. and Goyache, F.	

Resistance to gastrointestinal parasite infection in Djallonké sheep	135
--	-----



## Farming systems and environment

Doubles A.C. Duchten J. and Method D.C.	
Evaluation of soil intake by growing Creole young bulls in common grazing systems in humid tropical conditions	1363
Jurjanz, S., Collas, C., Lastel, M. L., Godard, X., Archimede, H., Rychen, G., Manleu, M. and Feldt, C.	

BOUITON, A. C., RUSNITON, J. and Watnes, D. C.	
An empirical analysis of the cost of rearing dairy heifers from birth to first calving and the time taken to repay these costs	

Ross, S. A., Topp, C. F. E., Ennos, R. A. and Chagunda, M. G. G.	
Relative emissions intensity of dairy production systems; employing different functional units in life-cycle assessment	1381

Relative emissions intensity of daily production systems. employing different functional drifts in increase assessment
Product quality, human health and well-being
Bonny S. P. F. Hocquette, JF. Pethick, D. W. Legrand, J. Wierzbicki, J. Allen, P. Farmer, L. J. Polkinghorne, R. J. and

Bonny, O. I. I., Hoogaotto, G. I.	., r ounon, L	J. VV., LO	granc	<i>a, 1.,</i> 1	r r ioi z bioidi,	, 0., 7 111011, 1	., r armor, <b>L. 0.</b> , r	Unungin	01110,	1 t. o. u	iiu
Gardner, G. E.											
			124				**	12 (1)		111	

Untrained consumer assessment of the eating quality of beet. 1. A single composite score can predict beef quality grades
Bonny, S. P. F., Gardner, G. E., Pethick, D. W., Allen, P., Legrand, I., Wierzbicki, J., Farmer, L. J., Polkinghorne, R. J. and
Hocquette I.E

Hoogaciic, u1.		
Untrained consumer	assessment of the eating quality of European beef: 2. Demo	ographic factors have only minor

effects on consumer scores and willingness to pay	

Konie	czka, P.	, Roz	bicka	-Wiecz	zorek	, A.	J.,	Czaudern	ıa, N	Л. an	d Si	muliko	WSK	a, S.						
_														-		_				

Dei	iencial enects of enforment of chicken meat with 11-5 polyunsaturated fatty acids, vitalinin L and selenium on	
hea	alth parameters: a study on male rats	1412

# Erratum

V:	D1:-1:- M/:1:	A 1	O	A 4	1	0	0
KONIECZKA P	Rozbicka-Wieczorek. A	ΔΙ	i .7aiinerna	NΠ	ann	Smillikowska	

Beneficial effects of enrichment of	chicken meat wi	ith n-3 polyunsaturated	fatty acids,	vitamin E and selenium	
on health parameters: a study on r	nale rats				



# **Cambridge Core**

For futher information about this journal please go to the journal web site at: cambridge.org/animal



Paper from responsible sources FSC® C007785



1372

1389

1399

1421