

中国畜牧杂志

CHINESE JOURNAL OF ANIMAL SCIENCE

主管：中国科学技术协会

主办：中国畜牧兽医学会

互动网站：www.boyar.cn



科技，为人

我们潜心于精准技术研究。

全力打造“饲料——养殖——食品”全产业链模块，
确保为您餐桌提供的每一款美味的品质都可追溯，
从此，“优质生活”看得见。

科技，为人

铁骑力士——

伴您领先一步，畅享绿色生活。



www.tqlsgroup.com



全国中文核心期刊
美国CA收录期刊
中国期刊入网期刊

中国科学引文数据库来源期刊
中国学术期刊评价数据库来源期刊

2012.9

科 技

9

2012

第48卷第9期

半月刊

中国畜牧杂志

遗传育种

- 扬州鹅及其杂交配套组合肉用性能和肉品质的研究 谢恺舟, 黄玉萍, 陈学森, 陈书琴, 戴国俊, 赵万里(1)
- 鸡核基因组中存在核线粒体 DNA 的实验证据 王志, 李藏兰, 刘玉方, 赵兴波(7)
- 鸡 GM-CSF 与生长抑素表达载体的构建及在大肠杆菌中的表达 刘贺山, 袁陶燕, 吴兵兵, 宣莹莹, 王勇, 倪敏杰, 傅衍, 牛冬(10)
- 荷斯坦奶牛乳蛋白基因多态性与泌乳性能的关联分析 马芙蓉, 王翀, 任大喜(13)

繁殖生理

- 不同月龄绵羔羊卵泡发育的比较研究 于勇, 钟旭, 王芬露, 褚大鹏, 安磊, 吴中红, 田见晖(17)
- 不同浓度链球菌溶血素 O 对小鼠胎儿成纤维细胞生长状态的影响 肖雄, 赵海龙, 邓玉金, 邱小燕, 王炜, 张翠平, 呼洁, 李跃民(21)
- E-64 对绵羊卵母细胞成熟过程中 CTSB 和 CTSS 基因 mRNA 表达水平的影响 张艳普, 孙树春, 田树军, 李俊杰, 胡媛媛, 温兵强, 祁昕(26)

营养饲料

- 营养与品种对肉牛血清中 AMPK 活性与血液生化指标关系的研究 高丽南, 王思珍, 曹颖霞, 朱晓岩, 刘国文(29)
- 8 种不同来源菜籽饼粕的生长猪氨基酸回肠消化率评定 郑萍, 李波, 陈代文, 毛湘冰, 陈洪, 吴彩梅, 毛倩, 余冰(34)
- 补饲维生素 E 对辽宁绒山羊种公羊血浆抗氧化指标及精液品质的影响 陈倩, 丛玉艳, 刘海英, 宋先忱, 李丰田(40)

ZHONGGUO XUMU ZA ZHI

承办 中国农业大学动物科学技术学院 北京博亚和讯农牧技术有限公司

瘤胃非降解蛋白小肠消化率测定方法及影响因素的研究

..... 王 燕, 张永根, 李 敏, 李 洋, 辛杭书, 刘立成, 夏 科, 陈常栋, 王志博(44)

硒摄入对肉牛组织中镉、铅、铜、铁、锌含量的影响

..... 蔡 秋, 张明忠, 刘康书, 王兴宁, 栾君明(47)

动物保健

苜蓿皂苷对山羊瘤胃细菌发酵的影响

..... 张建刚, 王雅倩, 赵国琦, 邬彩霞, 庄 涛(51)

产朊假丝酵母对奶牛体外瘤胃发酵参数及日粮营养物质消化率的影响

..... 丁洪涛, 刘 星, 夏冬华, 杨新艳, 郭金枝, 李胜利(56)

动物生产

拴系与散栏饲养方式对肉牛屠宰性能及肉品质的影响

..... 赵育国, 史彬林, 闫素梅, 于 萍, 刘晓静, 郭祎玮, 徐元庆, 许忠霞(60)

二次制粒加工教槽料对哺乳仔猪小肠发育的影响

..... 程志斌, 苏子峰, 张红兵, 杨建发, 樊月圆, 廖国周, 廖启顺, 王桂瑛(63)

综述

亚麻籽在动物生产中的应用现状

宋明鑫, 许 丽, 韩 宇(67)

Chinese Journal of Animal Science

Vol. 48, No. 9, 2012

Semi-monthly

Started in 1953

May.10th , 2012

Supervised by: China Association for Science and Technology

Sponsored by: Chinese Association of Animal Science and Veterinary Medicine

Published by: Chinese Journal of Animal Science and Veterinary Medicine Co., Ltd

Address: College of Animal Science and Technology, China Agricultural University, Beijing 100193, China

Tel.:(86-10)62732723 62734608

Fax:(86-10)62734608

E-mail:zgxmzz@cau.edu.cn(Contribution)

adman@boyar.cn(Avertisement)

Website:<http://zgxm.chinajournal.net.cn>

Editor-in-Chief: Li De-fa

Administrative Vice Editor: Lai Chang-hua

Vice Editor: Zhu Shi-en

Director: Kong Ping-tao

Marketing Director: Zhu Xiao-juan

Chief Planner: Wang Bi-yong

Oversea Distributor: China International Book Trading Corp.
(Guo-Ji Shudian), P.O. Box 399, Beijing, China

Oversea P.O. Registration No. SM 452

Subscription Rate: US \$15.00 (per Copy)

US \$360.00 (per Year)

For reproduction of any articles and pictures from Chinese Journal of Animal Science. Please indicate the source and send us a sample book.

Selected Contents

Genetics and Breeding

Study on the Meat Production Performance and Meat Quality of Yangzhou Geese and Its Crossed Combinations XIE Kai-zhou, HUANG Yu-ping, CHEN Xue-sen, CHEN Shu-qin, DAI Guo-jun, ZHAO Wan-li(1)

The Experimental Evidence for the Existence of Numt(DNA in Chicken Nuclear Genome WANG Zhi, LI Zang-lan, LIU Yu-fang, ZHAO Xing-bo(7)

Reproduction and Physiology

Comparison on Follicle Development of Sheep Lamb at Different Ages YU Yong, ZHONG Xu, WANG Fen-lu, CHU Da-peng, AN Lei, WU Zhong-hong, TIAN Jian-hui(17)

Effects of Different Concentrations of Streptolysin O (SLO) on Reversible Damage of Mouse Embryonic Fibroblasts (MEFs) XIAO Xiong, ZHAO Hail-ong, DENG Yu-jin, QIU Xiao-yan, WANG Wei, ZHANG Cui-ping, HU Jie, LI Yue-min(21)

Nutrition and Feedstuff

The Effects of Nutrition and Breed on AMPK Activity in Serum and Relationship between AMPK Activity and Blood Indicators GAO Li-nan, WANG Si-zhen, CAO Ying-xia, ZHU Xiao-yan, LIU Guo-wen (29)

Determination of Ileal Amino Acid Digestibility of Rapeseed Cakes/Meals in Growing Pig ZHENG Ping, LI Bo, CHEN Dai-wen, MAO Xiang-bing, CHEN Hong, WU Cai-mei, MAO Qian, YU Bing (34)

Effects of Dietary Supplementation Vitamin E on Blood Antioxidant Index and Sperm Quality in Liaoning Cashmere Bucks CHEN Qian, CONG Yu-yan, LIU Hai-ying, SONG Xian-chen, LI Feng-tian (40)

Animal Health

Effects of Alfalfa Saponins on Ruminal Bacterial Fermentation in Goats ZHANG Jian-gang, WANG Ya-qian, ZHAO Guo-qi, WU Cai-xia, ZHUANG Tao (51)

Effects of Cadida atilis on Ruminal Fermentation of Cow and Nutrients Digestibility in vitro Culture DING Hong-tao, LIU-Xing, XIA Dong-hua, YANG Xin-yan, GU Jin-zhi, LI Sheng-li (56)

Animal Production

Comparative study between the tethered-type feeding and scattered-type feeding feeding styles on slaughter performance and meat quality in beef cattle ZHAO Yu-guo, SHI Bin-lin, YAN Su-me, YU Ping, LIU Xiao-jing, GUO Yi-wei, XU Yuan-qing, XU Zhong-xia (60)

Effect of Twice Pelleting Creep Feed on Small Intestine Development of Suckling Piglets CHENG Zhi-bin, SU Zi-feng, ZHANG Hong-bing, YANG Jian-fa, FAN Yue-yuan, LIAO Guo-zhou, LIAO Qi-shun, WANG Gui-ying (63)

Review Papers

Applications and Prospects of Flaxseed in Animal Production SONG Ming-xin, XI Li, HAN Yu (67)