

目次

2019 年全球主要饲料原料产量分布与概况	刘 杰,罗 峻,周希梅(1)
-----------------------------	----------------

综 述

橙皮苷的药理活性及在家禽生产应用的研究进展	杨 季,王思博,鲁茗源,等(5)
酸化剂在生猪养殖中的应用	奚玉莲,黄金华,宁国信,等(10)
谷氨酸的脑肠反射及其对仔猪的营养作用	徐运杰,胡凤娇,罗振福(15)

科学实验研究

补喂瘤胃保护性精氨酸对绵羊血浆中氨基酸浓度、激素水平和抗氧化能力的影响	王世昌,张文杰,韩 明,等(20)
小蓟提取物对鲁南柴鸡蛋品质的影响	李 勇,李佳颖,任守才,等(29)
粗纤维水平对 77 ~ 112 d 定安鹅生产性能、器官指数及血清生化指标的影响	刘圈炜,魏立民,王 峰,等(35)
丁酸梭菌对育成期水貂抗氧化及免疫功能的影响	蔡言妮,刘忠军,鞠贵春,等(40)
“环丙-林可霉素长效注射液”毒理学试验研究	叶兆伟,吴海港,李尽哲,等(44)
干燥方式对西藏河谷区燕麦+箭筈豌豆青干草失水和品质特性的影响	周娟娟,白玛嘎翁,魏 巍,等(48)
植物乳杆菌冻干保护剂的筛选及冻干工艺的研究	张 菊,苏成文,亓 鹏,等(53)
激素和抑制剂对乳腺组织形态和乳蛋白合成的影响	田 青,王海平,黄和升,等(58)

添 加 剂

玉米须多糖对肉鸡血清生化指标及抗氧化能力的影响	李 新,李 凌,刘慧卿(63)
饲料中添加植物油对纯血马运动性能、养分表观消化率及血浆代谢指标的影响	张保金,欧艺驰,陈武山(67)
辣木叶提取物对蛋鸭抗氧化、脂质代谢及免疫功能的影响	饶体宇,吴伯梅,鲜思美,等(71)
饲料中添加苜蓿皂苷提取物对肉牛生长性能、养分表观消化率及瘤胃发酵性能的影响	王 勇,郭成亮,辛淑荣,等(76)
饲料中添加绞股蓝提取物对育肥猪生长性能、免疫机能及经济效益的影响	杨贵兴,陈 渠,邓淑婷(80)
饲喂中草药饲料添加剂对肉兔生产性能、血清生化指标及免疫功能的影响	邱时秀,陈亚迎,李 娟,等(84)

2020年第17期

(总第661期)

水产养殖

花鲢、唇鲮及其杂交 F1 代耗氧率和窒息点的比较研究 陈健,杨壮志,陈霞,等(89)

经营与管理

大数据时代下饲料企业核心竞争力的提升 张丽英,俞寅天(93)

饲料企业会计信息化的应用趋势及会计风险防范措施 李牧(99)

大数据时代饲料企业渠道管理的困境及优化模式分析 周江(102)

电子商务环境下现代饲料企业规范化经营体系构建研究 傅泽(105)

市场细分视野下现代饲料企业营销困境及解决应对 段俊(109)

基于饲料行业成本管控经验的饲料企业成本管理关键控制点 马秋英(113)

资源开发利用

南方七种常见饲用植物营养价值分析 曹艳红,杨帆,陈少梅,等(117)

发酵桑叶的生物活性物质及其在动物生产中的应用
..... 项轩,冯淦熠,郭振兴,等(122)

江苏农区秸秆和尾菜混合青贮饲料化利用技术的研究进展
..... 戚如鑫,欧阳佳良,王梦芝,等(128)

观察与探讨

产业联动视域下饲料行业发展绿色包装的意义及应对 张琳珊(134)

一带一路沿线国家的饲料产业国际产能合作研究 张文慧,刘玮琼(138)

农业供给侧视角下共享经济与饲料企业新商业模式研究 高丽华(142)

饲料产品运用电商平台交易助力区域脱贫的研究 苗丽(146)

· 书 评 ·

“一带一路”背景下畜牧业科技英语专业人才培养研究——评《动物营养与饲料加工专业英语》
..... 谢芳(150)

计算机自动化控制系统在饲料加工产业中的应用——评《现代饲料加工技术》 于彤,李旺彦(151)

生猪规模养殖中的数学应用——评《生猪规模养殖环境成本控制研究》 柴瑞帅(152)

建构主义视角下科技英语翻译教学的策略探讨——评《畜牧兽医专业英语》 马孝幸(154)

CONTENTS

Global feed ingredients production distribution and general situation in 2019	LIU Jie, LUO Jun, ZHOU Ximei (1)
Research progress in antitumor pharmacological activities of hesperidin and its application in poultry production	YANG Ji, WANG Sibao, LU Mingyuan, <i>et al.</i> (5)
Application of acidifier in pig breeding	XI Yulian, HUANG Jinhua, NING Guoxin, <i>et al.</i> (10)
Brain–gut reflex of glutamate and its nutritional effect on piglets	XU Yunjie, HU Fengjiao, LUO Zhenfu (15)
The supplemental effects of rumen–protected arginine on plasma amino acids concentrations, hormone levels and antioxidant status in sheep	WANG Shichang, ZHANG Wenjie, HAN Ming, <i>et al.</i> (20)
Effects of thistle extract on the quality of Lunan chai eggs	LI Yong, LI Jiaying, REN Shoucai, <i>et al.</i> (29)
Effects of crude fibre levels on growth performance, organ index and serum biochemical parameters of Dingan geese aged from 77 to 112 days	LIU Quanwei, WEI Limin, WANG Feng, <i>et al.</i> (35)
Effects of <i>Clostridium butyrate</i> on antioxidant and immune function of mink in breeding stage	CAI Yanni, LIU Zhongjun, JU Guichun, <i>et al.</i> (40)
Study on partial toxicology of long–acting ciprofloxacin and lincomycin compound injection	YE Zhaowei, WU Haigang, LI Jinzhe, <i>et al.</i> (44)
Effects of different drying methods on the drying characteristics and nutrition quality of <i>Avena sativa</i> + <i>Vicia sativa</i> green hay in the valley areas of Tibet	ZHOU Juanjuan, BAIMA Gaweng, WEI Wei, <i>et al.</i> (48)
The research of protectants and freeze–drying process for <i>Lactobacillus Plantarum</i>	ZHANG Ju, SU Chengwen, QI Peng, <i>et al.</i> (53)
Effects of hormones and inhibitors on the morphology and milk protein synthesis in mammary gland tissue	TIAN Qing, WANG Haiping, HUANG Hesheng, <i>et al.</i> (58)
Effects of corn silk polysaccharide on serum biochemical indexes and antioxidant capacity of broilers ...	LI Xin, LI ling, LIU Huiqing (63)
Effects of vegetable oil added to feed on the performance, apparent digestibility of nutrients and plasma metabolism of thoroughbred horse	ZHANG Baojin, OU Yichi, CHEN Wushan (67)
Effects of <i>Moringa</i> leaf extract on antioxidant index, lipid metabolism and immune function of laying ducks	RAO Tiyu, WU Bomei, XIAN Simei, <i>et al.</i> (71)
Effects of alfalfa saponin extract on growth performance, nutrient apparent digestibility and rumen fermentation performance of beef cattle	WANG Yong, GUO Chengliang, XIN Shurong, <i>et al.</i> (76)
Effects of <i>Gynostemma pentaphyllum</i> extract on growth performance, immune function and economic benefits of finishing pigs	YANG Guixing, CHEN Qu, DENG Shuting (80)
Effects of Chinese herbal feed additives on production performance, serum biochemical indexes and immune function of meat rabbits	QIU Shixiu, CHEN Yaying, LI Juan, <i>et al.</i> (84)
Oxygen consumption and critical asphyxia point in <i>Hemibarbus maculatus</i> Bleeker, <i>Hemibarbus labeo</i> pallas and their hybrid F1	CHEN Jian, YANG Zhuangzhi, CHEN Xia, <i>et al.</i> (89)
Enhancement of core competitiveness of feed enterprises in the age of big data	ZHANG Liying, YU Yintian (93)
Feedstuff enterprises’ accounting informationization trends and measures against accounting risks	LI Mu (99)
Analysis on the dilemma and optimization mode of feed enterprise channel management in the era of Big Data	ZHOU Jiang (102)
Research on the construction of standardized management system of modern feed enterprises under the environment of e–commerce	FU Ze (105)
The perspective of marketing segmentation marketing dilemma of modern feed enterprises and solutions	DUAN Jun (109)
Key control points of cost management in feed enterprises based on feed industry cost control experience	MA Qiuying (113)
Nutritional value analysis of seven common forage plants in southern China	CAO Yanhong, YANG Fan, CHEN Shaomei, <i>et al.</i> (117)
Bioactive substances of fermented mulberry leaves and its application in animal production	XIANG Xuan, FENG Ganyi, GUO Zhenxing, <i>et al.</i> (122)
Research progress on the technology of mixed silage utilization of straw and vegetable waste in Jiangsu agricultural area	QI Ruxin, OUYANG Jialiang, WANG Mengzhi, <i>et al.</i> (128)
The significance and measures of developing green packaging for feedstuff enterprises in the perspective of industrial linkage	ZHANG Linshan (134)
Research on international production capacity cooperation of feed industry with countries along the Belt and Road	ZHANG Wenhui, LIU Weiqiong (138)
Research on sharing economy and new business model of feed companies from the perspective of agricultural supply–side structural reform	GAO Lihua (142)
The study of trading feed products online for solving regional poverty	MIAO Li (146)