

CHINA FEED

中国饲料®



ISSN 1004-3314
CN 11-2975/S

2022 11

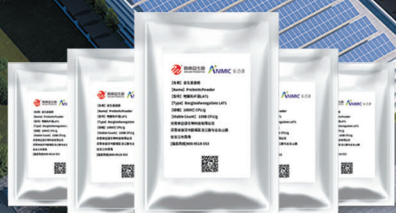
总第703期

● 中文核心期刊 ● 国家A类学术期刊 ● 全国优秀科技期刊 ● 中国期刊网入网期刊 ● 中国学术期刊综合评价数据库来源期刊

ANIMIC 安迈康

凝结芽孢杆菌BC66 肠道保健“王牌军”

● 耐制粒高温 ● 萌发产酸快 ● 抑菌功效强 ● 超高性价比



更多核心菌株

- 植物乳杆菌
- 乳酸片球菌
- 嗜酸乳杆菌
- 动物双歧杆菌

凝结芽孢杆菌专业供应商!

1000亿高活性凝结芽孢杆菌, 认准安迈康



河南安迈康生物科技有限公司

河南省漯河市郾城区龙江路与五台山路交叉口东南角

http://www.animic.com.cn

服务热线: 400-8518-553

聚焦微生态 促进农牧业与环境可持续发展

安迈康生物科技有限公司是微康益生菌旗下全资子公司, 公司聚焦饲用微生态技术, 为客户提供凝结芽孢杆菌、乳酸菌菌粉、微生态动保等多领域的服务及应用解决方案。



9 771004 331223

- 抗菌肽的生理学功能及其在养猪生产上的应用研究进展
- 白酒糟和发酵白酒糟对西门塔尔杂交牛瘤胃发酵参数和微生物区系的影响

目 次

综 述

- 抗菌肽的生理学功能及其在养猪生产上的应用研究进展 王亚平,王慧晟,罗 文,等(1)
- 益生菌发酵饲料在动物生产中的应用 赵 莹,王君锐,刘佳佳,等(6)
- 膳食纤维的功能及其对母猪泌乳性能的影响 王慧晟,罗 文,王亚平,等(13)
- 影响奶牛产奶性状候选基因研究进展 吕瑞青,远永来,岳草子,等(19)

科学实验研究

- 一株强抗逆性猪源乳酸菌的筛选及生物学特性研究 蔡 爽,陈 涛,毛宗林,等(23)
- 一株高产中性蛋白酶菌株的筛选与诱变 卢 超,陈景鲜,王国霞,等(30)
- 产胡萝卜素酵母菌的筛选 刘 悦,王立达,兰 英,等(36)
- 苦树侧枝不同极性部位的抗氧化活性及对肺癌细胞 A549 的生长抑制作用
..... 李金花,曾国芳,臧青民,等(42)
- PRL 和 O₂ 对 HC11 细胞氧化应激状态下乳蛋白合成的影响
..... 田 青,Alexander Jonathan Spitzer,ZHAO Fengqi(49)
- 发酵饲料对断奶仔猪生长性能、免疫指标、抗氧化指标和炎症指标的影响
..... 王 俊,赵小刚,郭吉余,等(55)
- 复合微生物发酵饲料对白羽肉鸡生长性能、肠道菌群及氮磷排泄的影响
..... 康永刚,陈永亮,廖云琼(60)

添 加 剂

- 不同复方精油对生长肉兔生长性能、腹泻率和死亡率的影响 苏翔宇,郭升岚,何剑波,等(65)
- 肠杆灵散及球虫血痢散对鸡肠道微生物菌群结构多样性影响比较试验研究
..... 文正常,吴玥彤,王 璇,等(69)
- 植物乳杆菌防治鸡白痢沙门菌感染的效果评价 吕文亮,张甜甜,林显华,等(75)
- 霉菌毒素吸附剂-植物精油复合物和霉菌毒素吸附剂-有机酸复合物对蛋鸡盲肠菌群的影响
..... 蔡玉琦,张佳鑫,陈继发(81)

动 物 营 养

- 不同日龄东兰乌鸡肌肉氨基酸分析和营养评价 卢慧林,周志扬,吴 强,等(87)

2022年第11期

(总第703期)

牧草与饲用植物

- 紫花苜蓿的品质特性及其在动物生产中的应用 初建香,张立中(91)
- 龙牧809紫花苜蓿新品种的选育 杨 墨,李莎莎,李 红,等(96)
- 紫花苜蓿添加比例对大黑山薏苡混贮品质的影响 高立芳,黄德均(101)

资源开发利用

- 鲜蛋白桑替代部分进口苜蓿饲喂奶牛效果研究 邵丽玮,刘 泽,张一为,等(106)
- 白酒糟和发酵白酒糟对西门塔尔杂交牛瘤胃发酵参数和微生物区系的影响
..... 刘 垚,姜 菲,彭忠利,等(111)
- 枸杞枝条发酵饲料对肉牛育肥效果及免疫性能的影响 侯鹏霞,王建东,安 魏,等(123)
- 日粮中添加沙葱及其提取物对杜寒杂交羊生产性能及肉品质的影响
..... 侯继刚,唐德富,刘旺景(128)
- 膨化发酵菜籽粕对肉鸡肉质风味及肝脏病理的影响
..... 邓 卉,邹成义,汪林书,等(133)
- 梨废渣发酵生产菌体蛋白的研究 柴云雷,王 鹏,张 晟,等(138)

福邦酵母技术专栏

- 含有不同酵母水解物的产品对宠物适口性的影响 龚阿琼,胡骏鹏,王建林,等(144)

观察与探讨

- 动物科学专业《畜牧生物统计附试验设计》教学实践与探讨 王维民,闫尊强,李 冲(148)

· 书 评 ·

- 饲料加工企业财务管理实践思考——评《财务管理实务》 金 阳(151)
- 乡村振兴视域下饲料产业绿色高质量发展路径探索——评《农业转型与绿色高质量发展研究》
..... 李 惠(153)
- 计算机在饲料生产管理中的应用——评《计算机饲粮配合技术》
..... 房泽鑫(155)

CONTENTS

Research progress on physiological functions of antimicrobial peptides and their application in pig production	WANG Yaping, WANG Huisheng, LUO Wen, <i>et al.</i> (1)
Application of probiotics fermented feed in animal production	ZHAO Ying, WANG Junrui, LIU Jiajia, <i>et al.</i> (6)
Function of dietary fiber and its effect on lactation performance of sows	WANG Huicheng, LUO Wen, WANG Yaping, <i>et al.</i> (13)
Research progress of candidate genes affecting milk producing traits in dairy cows	LV Ruiqing, YUAN Yonglai, YUE Caozi, <i>et al.</i> (19)
Screening and biological characteristics of porcine lactic acid bacteria with strong stress resistance	CAI Shuang, CHEN Tao, MAO Zonglin, <i>et al.</i> (23)
Screening and mutation of a strain with high-yield neutral protease	LU Chao, CHEN Jingxian, WANG Guoxia, <i>et al.</i> (30)
Screening of carotenoids producing yeast strains	LIU Yue, WANG Lida, LAN Ying, <i>et al.</i> (36)
<i>In vitro</i> antioxidant and activity of different polar parts of lateral branches of <i>Picrasma quassioides</i> and their inhibitory effects on lung cancer A549 cells	LI Jinhua, ZENG Guofang, ZANG Qingmin, <i>et al.</i> (42)
Effect of PRL and O ₂ on synthesis of milk protein in HC11 cells under oxidative stress	TIAN Qing, A. J. Spitzer, ZHAO Fengqi(49)
Effect of fermented feed on growth performance immune indexes antioxidant indexes and inflammation indexes of weaned piglets	WANG Jun, ZHAO Xiaogang, GUO Jiyu, <i>et al.</i> (55)
Effects of compound microbial fermented feed on growth performance, intestinal flora and nitrogen and phosphorus excretion rate of white feather broilers	KANG Yonggang, CHEN Yongliang, LIAO Yunqiong (60)
Effects of different compound essential oils on growth performance, diarrhea rate and mortality of growing meat rabbits	SU Xiangyu, GUO Shenglan, HE Jianbo, <i>et al.</i> (65)
The effect of Changganling powder and coccidia dysentery powder on chicken intestinal microflora comparative experimental study on the influence of structural diversity	WEN Zhengchang, WU Yutong, WANG Xuan, <i>et al.</i> (69)
Effect evaluation of <i>Lactobacillus plantarum</i> on <i>Salmonella pullorum</i> infection in chickens	LV Wenliang, ZHANG Tiantian, LIN Xianhua, <i>et al.</i> (75)
Effects of mycotoxin adsorbent-organic acid complex and mycotoxin adsorbent-essential oil complex on cecal microflora in laying hens	CAI Yuqi, ZHANG Jiabin, CHEN Jifa(81)
Amino acid analysis and nutritional evaluation of different-day-old Donglan black chicken	LU Huilin, ZHOU Zhiyang, WU Qiang, <i>et al.</i> (87)
The quality characteristics and application of alfalfa in animal production	CHU Jianxiang, ZHANG Lizhong(91)
Breeding of new variety of alfalfa Longmu No.809	YANG Zhao, LI Shasha, LI Hong, <i>et al.</i> (96)
Effect of alfalfa (<i>Medicago sativa</i>) proportion on the mixed silage quality of <i>Coix lacryma-jobi</i> L.cv.Daheishan	GAO Lifang, HUANG Dejun(101)
Effects of fresh <i>Morus abla</i> replacing part of imported alfalfa for feeding dairy cows	SHAO Liwei, LIU Ze, ZHANG Yiwei, <i>et al.</i> (106)
Effects of distiller's grains and fermented distiller's grains on rumen fermentation parameters and microflora of Simmental hybrid cattle	LIU Yao, JIANG Fei, PENG Zhongli, <i>et al.</i> (111)
Effect of <i>Lycium barbarum</i> branches bermented feed on fattening effect and immune performance of beef cattle	HOU Pengxia, WANG Jiandong, AN Wei, <i>et al.</i> (123)
Effect of <i>Allium mongolicum</i> Regel and its extracts on the growth performance, and meat quality of Dorper×Thin-Tailed Han Crossbred Mutton Lambs	HOU Jigang, TANG Defu, LIU Wangjing(128)
Effects of the extruded rapeseed meal fermented in advance on meat quality and flavor, liver pathology of broilers	DENG Hui, ZOU Chengyi, WANG Linshu, <i>et al.</i> (133)
Study on fermentation production of bacterial protein from pear waste residue	CHAI Yunlei, WANG Peng, ZHANG Sheng, <i>et al.</i> (138)
Effect of products containing different yeast hydrolysates on pet palatability	GONG Aqiong, HU Junpeng, WANG Jianlin, <i>et al.</i> (144)
Teaching practice and exploration of <i>Biometrics and Experimental Design on Animal Science</i> for students with animal science specialty	WANG Weimin, YAN Zunqiang, LI Chong(148)