

## 目次

### 专题论坛

- 5 发展畜牧循环经济 加快农业方式转变 .....孔繁涛 于玉芹 孔祥华

### 食品安全

- 10 食品安全风险监测的内涵、作用与相关建议 .....王菁 李崇光  
14 食品追溯体系现状及其发展趋势 .....莫锦辉 徐吉祥  
16 农药残留分析检测技术研究进展 .....朱开祥 李焱辛 董全

### 资源与生产

- 20 我国生猪产业突破发展瓶颈的对策建议 .....李晓 赵颖文 陈春燕 雷波  
24 浅论我国谷物油脂资源的开发与利用 .....胡小中 李辉尚  
28 茶多酚的功效特性及其在军用食品中的开发应用 .....裴展琛 程鹏

### 食品工业

- 31  $\beta$ -胡萝卜素纳米粒特性研究进展 .....王盼 郇金龙 梅雪莹 刘欢 殷丽君  
35 ISO22000及HACCP原理在条斑紫菜一次加工中的应用  
.....张卫兵 周群霞 戴卫平 徐加达 梅开顺 杨信明  
39 粉状食品微波杀菌工艺研究 .....艾尔肯·马合穆提 陶永霞 冯作山

### 消费与流通

- 42 2010年中国禽蛋市场形势分析与展望 .....李哲敏 王玉庭 刘宏 任伟宏 李干琼  
47 苹果货架期的近红外光谱定性分析 .....樊景超 周国民

## 新技术新产品

- 50 低聚半乳糖糖基化法降低牛乳 $\alpha$ s1-酪蛋白抗原性和免疫原性  
.....夏薇 张帆 赖莹 杨铮 许美玉
- 54 新疆哈萨克族传统发酵驼乳中乳酸菌的分离鉴定  
.....李远 巴吐尔 张小燕 黄鹏 徐珍珍 王冰峰 石静 武运
- 59 红枣汁提取工艺优化研究 .....袁超 李大鹏 赵珉慧 彭飞 苏振 何红娟
- 62 Folin-Ciocalteu比色法测定朝鲜蓟叶片中多酚含量 .....冯丽 宋曙辉

## 营养与保健

- 64 两种紫苏籽油理化性质及脂肪酸组成研究 .....简毓峰 胡浩斌 朱继华
- 67 鹰嘴豆营养保健价值及其应用 .....冯婷
- 70 马肉中脂肪酸组成及含量的气相色谱-质谱法分析  
.....白国涛 潘国卿 赵岩 张海燕 张春艳 刘来俊 卢华卫

## 膳食营养调查

- 73 结核病患者膳食多样化及营养素摄入情况调查分析  
.....王瑛琨 韩秀霞 汪求真 马爱国 陈璐 赵善良 赵杰 王玉文
- 78 乳制品消费与癌症风险控制 .....范志红 李楠楠
- 83 快速测定营养强化大米和铁锅烹饪食品中的铁含量  
.....朱战胜 张晶 刘素芳 张慧 徐贤 李爽 卢中建
- 86 营养教育对师范生营养知识、态度、行为促进效果的评价 .....肖春玲 李桂峰

## CONTENTS

## SUBJECT REPORT

- 5 To Develop Recycling Economy of Animal Husbandry and Speed Up Transformation of Agriculture Practices  
..... KONG Fan-tao, YU Yu-qin, KONG Xiang-hua

## FOOD SAFETY

- 10 Connotation and Function of Food Safety Risks Surveillance and Suggestions ..... WANG Jing, LI Chong-guang  
14 Present Status of Food Traceability Systems and Its Development Trends ..... MO Jin-hui, XU Ji-xiang  
16 Analysis and Detection Technology for Pesticide Residues ..... ZHU Kai-xiang, LI Yao-xin, DONG Quan

## RESOURCE &amp; PRODUCTION

- 20 Countermeasures and Suggestions of Breaking Through Bottlenecks in Development of Pig Industry in China  
..... LI Xiao, ZHAO Ying-wen, CHEN Chun-yan, LEI Bo  
24 Development and Utilization of Cereals Oil in China ..... HU Xiao-zhong, LI Hui-shang  
28 Functions of Tea Polyphenol and Its Applications in Military Food ..... PEI Chen-chen, CHENG Peng

## FOOD INDUSTRY

- 31 Characteristics of  $\beta$ -carotene Nanoparticle ..... WANG Pan, LI Jin-long, MEI Xue-ying, LIU Huan, YIN Li-jun  
35 Application of ISO22000 and HACCP in Dried Laver One-step Refining  
..... ZHANG Wei-bing, ZHOU Qun-xia, DAI Wei-ping, XU Jia-da, MEI Kai-shun, YANG Xin-ming  
39 Technology of Microwave Sterilization of Power Food ..... AIERKEN Mahemuti, TAO Yong-xia, FENG Zuo-shan

## CONSUMPTION &amp; CIRCULATION

- 42 China Egg Market Situation and Outlook in 2010 ..... LI Zhe-min, WANG Yu-ting, LIU Hong, REN Wei-hong, LI Gan-qiong  
47 Near Infrared Spectroscopy Qualitative Analysis of Apple Shelf Life ..... FAN Jing-chao, ZHOU Guo-min

## NEW TECHNOLOGIES &amp; NEW PRODUCTS

- 50 Reduced Antigenicity and Immunogenicity of Bovine Milk  $\alpha_{11}$ -casein by Conjugation with Galactooligosaccharide  
..... XIA Wei, ZHANG Fan, LAI Ying, YANG Zheng, XU Mei-yu  
54 Isolation and Identification of Lactic Acid Bacteria in Horgormag of Xinjiang  
..... LI Yuan, BA Tu-er, ZHANG Xiao-yan, HUANG Peng, XU Zhen-zhen, WANG Bing-feng, SHI Jing, WU Yun  
59 Optimization of Extraction Process of Jujube Juice  
..... YUAN Chao, LI Da-peng, ZHAO Min-hui, PENG Fei, SU Zhen, HE Hong-juan  
62 Determination of Polyphenol Content in Artichoke Leaf by Folin-Ciocalteu Method ..... FENG Li, SONG Shu-hui

## NUTRITION &amp; HEALTH

- 64 Physicochemical Properties and Fatty Acid Composition of Two Kinds of Perilla Frutescens Seeds Oil  
..... JIAN Yu-feng, HU Hao-bin, ZHU Ji-hua  
67 Nutrients and Health Function of Chickpea and Its Application ..... FENG Ting  
70 Composing of Fatty Acid of Horseflesh by GC-MS  
..... BAI Guo-tao, PAN Guo-qing, ZHAO Yan, ZHANG Hai-yan, ZHANG Chun-yan, LIU Lai-jun, LU Hua-wei

## DIETARY NUTRITION SURVEY

- 73 Dietary Diversity Score and Nutrient Intakes of Tuberculosis Patients  
..... WANG Ying-kun, HAN Xiu-xia, WANG Qiu-zhen, MA Ai-guo, CHEN Lu, ZHAO Shan-liang, ZHAO Jie, WANG Yu-wen  
78 Dairy Products and Cancer Risk Control ..... FAN Zhi-hong, LI Nan-nan  
83 Rapid Determination of Iron Content in Rice Fortified and Prepared by Iron Wok  
..... ZHU Zhan-sheng, ZHANG Jing, LIU Su-fang, ZHANG Hui, XU Xian, LI Shuang, LU Zhong-jian  
86 Evaluation for Nutrition Education Effect on Normal Students' Nutrition Knowledge, Attitude and Behavior  
..... XIAO Chun-ling, LI Gui-feng