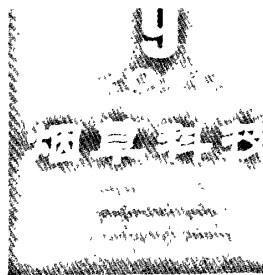


# TTOB/TAO/TOO SCIENCE & TECHNOLOGY



## 目次

### ► 烟草工艺

- 05 烟叶在高温湿度环境中平衡含水率的数学模型 郑松锦, 李斌, 王宏生

### ► 设备与仪器

- 10 基于雾化技术的三醋酸甘油酯自动喷雾系统的设计与实现 陈燕东, 孟志强, 张恒, 等  
15 SPC的3 $\sigma$ 原理在叶丝干燥出口含水率监测中的应用 刘穗君, 张新锋, 王玉建  
18 YB55A盒外透明纸包装机彩膜包装装置的设计与应用 胡国胜  
20 滤棒储存输送系统的改造 陈国栋

### ► 信息技术

- 22 烟草行业国际标准投票系统的设计与应用 马永, 向兰康, 胡启秀, 等

### ► 烟草化学

- 25 龙涎香类化合物中基团的空间可接近性与其香气的关系 胡永华, 徐迎波, 王程辉, 等  
30 不同pH下柠檬酸钾热裂解产物分析 袁庆钊, 黄宪忠, 张优茂, 等  
40 云南不同品种和产区烤烟烟碱含量的差异 吴玉萍, 邓建华, 文大荣, 等  
43 烟草中有机磷农药残留的GC/MS快速分析 石杰, 杨静, 刘惠民, 等  
47 冷原子吸收光谱法测定卷烟主流烟气中的汞 庞永强, 陈再根, 陈欢, 等

### ► 烟草农学

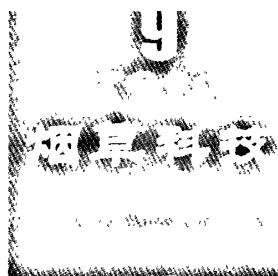
- 51 白肋烟香气物质含量的遗传分析 程君奇, 章新军, 毕庆文, 等  
57 上部叶采收方式对烤烟理化和经济性状的影响 高卫锴, 史宏志, 刘国顺, 等

### ► 病虫害防治

- 61 烤烟品种K326抗PVY<sup>TM</sup>突变株SN02的筛选及其抗病生理生化特性 杨丽辉, 吴元华, 赵秀香  
65 27.12%碱式硫酸铜SC防治烟草气候性斑点病的田间药效试验 王新生, 王贵斌, 卢惠芝, 等

### ► 其他

- 09 《中国烟草学报》2010年第4期目次  
17 广告索引



## ► Manufacturing Technology

- 05 Mathematical model for equilibrium moisture content of tobacco leaf under high temperature and relative humidity ZHENG SONG-JIN, LI BIN, WANG HONG-SHENG

## ► Equipment & Apparatus

- 10 Design and realization of automatic triacetin spraying system based on atomizing technology CHEN YAN-DONG, MENG ZHI-QIANG, ZHANG HENG, *et al*
- 15 Application of SPC 3 $\sigma$  principle to output moisture content monitoring in cut tobacco drying LIU SUI-JUN, ZHANG XIN-FENG, WANG YU-JIAN
- 18 Design and application of color film packing device in YB55A film wrapper HU GUO-SHENG  
CHEN GUO-DONG
- 20 Improvement of filter rod storing and conveying system

## ► Information Technology

- 22 Design and application of a system for voting on international standard in tobacco industry MA YONG, XIANG LAN-KANG, HU QI-XIU, *et al*

## ► Tobacco Chemistry

- 25 Relationship between steric accessibilities of functional groups in ambergrisoid compounds and their aroma HU YONG-HUA, XU YING-BO, WANG CHENG-HUI, *et al*
- 30 Analysis of pyrolysates of potassium citrate of different pH values YUAN QING-ZHAO, HUANG XIAN-ZHONG, ZHANG YOU-MAO, *et al*
- 40 Nicotine contents in flue-cured tobacco of different varieties and growing areas in Yunnan WU YU-PING, DENG JIAN-HUA, WEN DA-RONG, *et al*
- 43 Rapid determination of organophosphorous pesticide residues in tobacco by GC/MS SHI JIE, YANG JING, LIU HUI-MIN, *et al*
- 47 Determination of Mercury in Mainstream Cigarette Smoke by Cold Atomic Absorption Spectrometry PANG YONG-QIANG, CHEN ZAI-GEN, CHEN HUAN, *et al*

## ► Tobacco Agronomy

- 51 Genetic analysis of aroma component contents in burley tobacco CHENG JUN-QI, ZHANG XIN-JUN, BI QING-WEN, *et al*
- 57 Effects of upper leaf harvesting methods on physicochemical and economic properties of flue-cured tobacco GAO WEI-KAI, SHI HONG-ZHI, LIU GUO-SHUN, *et al*

## ► Disease & Pest Control

- 61 Screening of tobacco mutant plant SN02 against PVY<sup>N</sup> from K326 and physiological and biochemical properties of the same YANG LI-YE, WU YUAN-HUA, ZHAO XIU-XIANG
- 65 Field efficacy of 27.12% copper sulfate basic SC against climate spot disease of tobacco WANG XIN-SHENG, WANG GUI-BIN, LU HUI-ZHI, *et al*