

TABLE OF CONTENTS

目 录

采用还原基片的声表面波滤波器可靠性研究 A Study on Reliability of SAW Filters with Reduction Wafers	
倪焯, 袁燕, 张倩, 任秀娟, 刘启迪, 张志阳, 张志悦	1
一种新的基于 STC 编码的 JPEG 图像隐写方法 A New Steganography Method for JPEG Image Based on STC Encoding	
钟理权, 鲁国鹏, 何美霖, 叶学义	11
基于 51 单片机的核酸采样机械臂设计 Design of Nucleic Acid Sampling Robot Arm Based on 51 Single-Chip Microcomputer	
刘孟函, 陈国芬, 王双维, 陈太平, 杨可宇, 刘霏函, 角妍林, 赵盛萍	18
一种基于预折框的进烟装置的设计与分析 Design and Analysis of a Smoke Feeding Device Based on Pre-Folding Frame	
杨锦涛, 李普贤, 李军, 聂鑫	25
关于一款 I 线光刻胶的实验研究 Research on an I-Line Photoresist	
袁燕, 张倩, 倪焯, 王君, 曹玉, 于海洋, 孟腾飞	31
烟丝除杂装置的研究 Research on Tobacco Impurity Removal Device	
刘旸, 李梦霄, 李梦杨, 李俊峰, 彭海洲	39
薄膜铂电阻制备工艺研究 Research on Preparation Technology of Thin-Film Platinum Resistance	
张倩, 袁燕, 于海洋, 倪焯, 常子硕, 孟腾飞, 林树超	49
基于 PLC 控制的家用充电桩温度监测系统 Home Charging Pile Temperature Monitoring System Based on PLC Control	
周展	55
新型计量二次接线盒的研究和应用 Research and Application of New Metering Secondary Junction Box	
常强, 蔡权, 欧家祥, 唐海鑫, 郑远, 兰颖, 周壮	63
一种数字式温湿度计相对湿度的修正方法 A Correction Method for the Relative Humidity of a Digital Thermohygrometer	
刘宇明, 邬昕	68

异型多规格卷烟内包拾取传递装置设计

Design of Pick-Up and Transfer Device for Special Shaped Multi-Specification Cigarette Inner Packet

关玉金, 向宏 72

异型卷烟产品商标拾取、输送、喷胶、压钢印装置设计

Design of the Device for Picking, Conveying, Glue Spraying and Steel Stamping of the Special Shaped Cigarette Products' Trademarks

向宏, 关玉金 79

多相流分离计量装置在金秋气田致密气的应用

Application of Multiphase Flow Separation Metering Device in Jinqiu Tight Gas Field

李静 85

YB28 包装机商标纸底部加热成型装置的改造

YB28 Packaging Machine Label Paper Bottom Heating Molding Device Transformation

段文龙 89

PDMS 数字化交付在化工项目中管道设计的应用

Application of PDMS Digital Delivery in Pipeline Design in Chemical Projects

王松 96

探究快速温升试验方法在开关类检测设备中的应用方式

Exploring the Application of Rapid Temperature Rise Test Methods in Switch Detection Equipment

雷仲强, 邹玥, 张行健, 赵述金, 黄丽 101