

# TABLE OF CONTENTS

## 目 录

### 一类基于云平台的终端集群化系统的研究

#### Research and Implementation of Terminal Cluster Management System Based on Cloud Platform

瞿杏元, 钱隆.....1

### 静脉穿刺机器人系统的应用与发展

#### Application and Development of Venipuncture Robot Systems

徐欣茹, 丁皓, 夏冬阳, 丁思吉, 盛诗梦.....8

### 基于 STM32 的甲醛快速检测系统设计

#### Design of Rapid Formaldehyde Detection System Based on STM32

彭志, 银建新, 彭鹏, 巴福帅, 张亚飞, 赵永礼.....19

### 基于机器学习算法的乳腺超声图像分类研究

#### Classification Study of Breast Ultrasound Images Based on Machine Learning Algorithm

汪俊豪, 闫士举, 魏高峰, 董天峰, 张涛, 邓爽.....30

### 基于差分分布表的密码分析方法研究

#### Research on Cryptanalysis Method Based on Differential Distribution Table

罗昊, 王心怡, 李晶.....45

### 步态矫正康复技术研究进展

#### Research Progress in Gait Correction Rehabilitation Technology

徐晶晶, 邹任玲, 胡婧怡, 杨娅丹, 徐澜菲, 康清华, 李丹, 胡秀枋.....51

### 基于 AP RSSI 特征向量相似度匹配的多尺度 Wi-Fi 定位方法

#### Multi-Scale Wi-Fi Localization Method Based on AP RSSI Feature Vector Similarity Matching

吴嘉轩, 李智, 王泽雨.....59

### 基于 Dental-Net 的口内 3D 扫描点云补全

#### Point Cloud Patching from Intraoral 3D Scanning Based on Dental-Net

李杰, 陈胜, 左小五.....68

### ORB-SLAM 算法模型综述

#### A Review of ORB-SLAM Algorithm

李博娜.....78

### 安卓平板家长控制系统的设计与实现

#### Design and Implementation of Android Tablet Parent Control System

郝晓川, 代磊, 温泉, 程树欣, 文家义, 李迎新.....87

**基于深度学习融合全景拍摄技术进行车辆识别**

**Vehicle Recognition Based on Deep Learning Fusion Panoramic Shooting Technology**

王子昇, 范国伦, 江河, 李昕悦.....102

**基于 YOLO 特征检测模型的非法溜宠物识别**

**Recognition of Illegal Pet Walking Based on YOLO Feature Detection Model**

黄学雷, 翟昕宇.....113

**自动化测试技术在石油测井软件中的应用**

**Application of Test Automation Technology in Petroleum Logging Software**

柳宁花, 周正志, 林南粤, 赵长锋.....124

**面向细粒度情感分类任务的双通道分类模型**

**Dual-Channel Classification Model for Fine-Grained Sentiment Classification Task**

汪伟, 马致远, 李清都, 李想, 韩士洋.....134

**基于预训练卷积神经网络的肺动脉压分类器研究**

**Research on Pulmonary Artery Pressure Classifier Based on Pre-Trained Convolutional Neural Network**

张骞, 马佩.....147

**基于残差模块的 Retinex-Net 网络的低照度图像增强算法**

**Low Illuminance Image Enhancement Algorithm of Retinex-Net Network Based on Residual Module**

高雪, 孙兆永, 田益民, 宋方方.....157

**基于 U-Net++神经网络模型的细胞计数方法研究**

**Cell Counting Method Based on U-Net++ Neural Network Model**

刘钊, 代琦.....163

**基于物联网和移动终端的老人健康检测系统**

**Elderly Health Detection System Based on Internet of Things and Mobile Terminals**

黄源源, 吕军.....174