



中国科技核心期刊

ISSN 1000-0801

CN 11-2103/TN

电信科学

Telecommunications Science

第 39 卷 第 10 期 Vol. 39 No. 10 | 2023 年 10 月 Oct. 2023



中国通信学会



人民邮电出版社有限公司

中国 · 北京 Beijing, China

电 信 科 学

第 39 卷第 10 期 2023 年 10 月

目 次

研究与开发

- 混合参数集多载波系统的峰均比抑制方法研究.....石楠,刘潇然,熊俊,张晓瀛,魏急波 [2023194](1)
- 小样本下雷达复合干扰半监督迁移学习识别方法.....王金强,孙闽红,唐向宏,仇兆炆,曾德国 [2023182](15)
- 一种针对能耗优化的车联网计算卸载方案.....高文轩,杨新杰 [2023189](29)
- 基于自适应哈希函数的电力线载波通信网络终端功率控制方法.....
.....薛红,王佳晗,孙玉玲,韩博,肖羽白 [2023192](41)
- 基于区块链与深度学习的空间分集协作频谱感知系统.....肖仲杉,王春琦,冯大权 [2023193](49)
- 一种基于极化分解特征和 SVDD 的扩展目标检测算法.....李强,姚远昕,孔祥琦 [2023197](64)
- 基于镜像填充谱与 LA-ResNet50 的超短波卫星信道分类识别算法.....
.....吴尚,沈雷,王李军,张如栩,胡鑫 [2023185](74)
- 一种适用于小样本条件的网络入侵检测方法.....
.....胡炜晨,许聪源,詹勇,陈广辉,刘思情,王志强,王晓琳 [2023166](85)
- 基于优化卷积神经网络的车辆特征识别算法研究.....陈暄,吴吉义[2023188](101)
- 基于大数据的 5G 流量驻留比极限值研究.....刘宏嘉,李贝,赵伟,许国平,王鑫炎[2023119](112)
- 基于果蝇优化算法的 5G 网络基站选址研究.....黄维[2023184](120)

工程与应用

- 一种面向计算的网路模态——算力网络模态探讨.....林睿,邢文娟,雷波[2023195](128)
- 人工智能生成内容技术在内容安全治理领域的风险和对策.....乔喆[2023190](136)
- 基于 OSU 的 OTN 智能管控技术研究.....谭艳霞,段致岩,满祥锟,张贺,刘雅承,周彦韬,董姗[2023196](147)
- 泛视频质量评价模型分析及应用.....丁华,王昕,魏峥,罗传飞,宋皓,施唯佳[2023171](156)
- SDN 技术架构的适用性研究.....陈显辉,蔡怡挺,陈梦娴,王佑[2023191](166)

Telecommunications Science

Vol.39 No.10 October 2023

Contents

Research and Development

- A peak-to-average power ratio reduction method for mixed-numerology multi-carrier systems.....
.....*SHI Nan, LIU Xiaoran, XIONG Jun, ZHANG Xiaoying, WEI Jibo* [2023194](1)
- A semi-supervised transfer learning recognition method for radar compound jamming under small samples.....
.....*WANG Jinqiang, SUN Minhong, TANG Xianghong, QIU Zhaoyang, ZENG Deguo* [2023182](15)
- A computation offloading scheme for energy consumption optimization in Internet of vehicles.....
.....*GAO Wenxuan, YANG Xinjie* [2023189](29)
- Terminal power control method of power line carrier communication network based on adaptive hash function.....
.....*XUE Hong, WANG Jiahan, SUN Yuling, HAN Bo, XIAO Yubai* [2023192](41)
- A spatial diversity cooperative spectrum sensing system based on blockchain and deep learning.....
.....*XIAO Zhongshan, WANG Chunqi, FENG Daquan* [2023193](49)
- A range spread target detection algorithm based on polarimetric features and SVDD.....
.....*LI Qiang, YAO Yuanxin, KONG Xiangqi* [2023197](64)
- Ultrashort wave satellite channel classification and recognition algorithm based on mirror filled spectrum and LA-ResNet50
.....*WU Shang, SHEN Lei, WANG Lijun, ZHANG Ruxu, HU Xin* [2023185](74)
- A network intrusion detection method designed for few-shot scenarios.....
.....*HU Weichen, XU Congyuan, ZHAN Yong, CHEN Guanghui, LIU Siqing, WANG Zhiqiang, WANG Xiaolin* [2023166](85)
- Research on vehicle feature recognition algorithm based on optimized convolutional neural network.....
.....*CHEN Xuan, WU Jiyi*[2023188](101)
- Research on theoretical ultimate value of 5G flow residence ratio based on big data.....
.....*LIU Hongjia, LI Bei, ZHAO Wei, XU Guoping, WANG Xinyan*[2023119](112)
- Research on 5G network base station site selection based on fruit fly optimization algorithm.....
.....*HUANG Wei*[2023184](120)

Engineering and Application

- Discussion on a computation-oriented network modality——computing power network modality.....
.....*LIN Rui, XING Wenjuan, LEI Bo*[2023195](128)
- Risks and countermeasures of artificial intelligence generated content technology in content security governance.....
.....*QIAO Zhe*[2023190](136)
- Research on intelligent control technology for OSU-based OTN.....
.....*TAN Yanxia, DUAN Zhiyan, MAN Xiangkun, ZHANG He, LIU Yacheng, ZHOU Yantao, DONG Shan*[2023196](147)
- Analysis and application of pan-video playback quality evaluation model.....
.....*DING Hua, WANG Xin, WEI Zheng, LUO Chuanfei, SONG Hao, SHI Weijia*[2023171](156)
- Research on the applicability of SDN technical architecture.....
.....*CHEN Xianhui, CAI Yiting, CHEN Mengxian, WANG You*[2023191](166)

电信科学

Telecommunications Science



邮发代号：2-397 国外代号：M841 定价：68.00元

ISSN 1000-0801

