

中国科技核心期刊



QK2019266

电信科学

Telecommunications Science

第36卷第4期 Vol. 36 No. 4 | 2020年4月 Apr. 2020



中国通信学会



人民邮电出版社有限公司

中国·北京 Beijing, China

万方数据

目 次

专题：车联网与安全

C-V2X 车联网关键技术与方案概述	董振江, 古永承, 梁 健, 黄振江, 王 杰, 李大成 [2020134](3)
车联网通信标准化与产业发展分析	林 琳, 李 璐, 葛雨明 [2020122](15)
C-V2X 车联网城市级规模示范应用	刘 玮, 张翼鹏, 关旭迎, 匡尚超, 李 凤 [2020129](27)
智能网联汽车网络安全浅析	李玉峰, 陆肖元, 曹晨红, 李江涛, 朱泓艺, 孟 楠 [2020127](36)
高速公路 5G 智能网联技术、方案和应用	吴冬升, 王传奇, 金 伟, 李凤娜 [2020132](46)
面向安防场景的智能网联巡逻车关键技术及应用	刘玉超, 李子月 [2020133](53)
基于车联网远程驾驶的虚拟资源智能协同管理技术	彭新玉, 周 扬, 董振江 [2020123](61)
城市车联网 (C-V2X) 建设运营模式研究	常振廷, 谢振东, 董志国 [2020125](69)

研究与开发

高速网络访问超点实时检测算法精度分析	于海青, 丁 伟, 徐 杰 [2020117](74)
5G 高速移动系统中基于 BP 神经网络的多普勒频偏估计方法	王增浩, 杨丽花, 程 露, 张 捷, 梁 彦 [2020124](83)
一类 PKI-IBC 的双向匿名异构签密方案	冀会芳, 刘连东, 黄严严, 程庆丰 [2020120](91)
基于矩阵完备的低复杂度毫米波大规模 MIMO 信道估计	邱佳锋 [2020051](99)
基于光电转换装置成本感知的 RWA 算法	胡道允, 杨振泰, 陆钱春, 齐 进[2020116](107)

综 述

高效深度神经网络综述	闵 锐[2020119](115)
------------	-------------------

运营技术广角

云网一体化数据中心网络关键技术	王江龙, 雷 波, 解云鹏, 何 琪, 李云鹤[2020118](125)
基于“互联网+”的运行维护管理平台建设	杨 桢, 曹燕宁[2020131](136)
基于熵值和模糊层次法评估媒体流的研究及应用	钟其柱[2020027](145)
接入型 OTN 设备统一管控系统原型开发与试验演示	荆瑞泉, 赵国永, 徐云斌, 霍晓莉[2020030](154)
基于云平台的电力通信网运行支持系统	杨志敏, 洪丹轲, 王 力, 谢俊毅[2020057](161)
SRv6 的分段标识符结构的改善	唐永林, 刘 锋[2020121](170)

Telecommunications Science

Vol.36 No.4 April 2020

Contents

Topic: Internet of Vehicles and Security

Overview on key technology and solution of C-V2X for internet of vehicles.....
..... *DONG Zhenjiang, GU Yongcheng, LIANG Jian, HUANG Zhenjiang, WANG Jie, LI Dacheng* [2020134](3)

Analysis of the communication standardization and industry development of internet of vehicles.....
..... *LIN Lin, LI Lu, GE Yuming* [2020122](15)

C-V2X city-scale demonstration application.....
..... *LIU Wei, ZHANG Yipeng, GUAN Xuying, KUANG Shangchao, LI Feng* [2020129](27)

A survey of cybersecurity for intelligent connected-automated vehicle
..... *LI Yufeng, LU Xiaoyuan, CAO Chenhong, LI Jiangtao, ZHU Hongyi, MENG Nan* [2020127](36)

Expressway 5G-V2X: technology, solution and application
..... *WU Dongsheng, WANG Chuanqi, JIN Wei, LI Fengna* [2020132](46)

Key technology and application of intelligent connected patrol vehicles for security scenario.....
..... *LIU Yuchao, LI Ziyue* [2020133](53)

Intelligent collaborative management technology of virtual resources based on internet of vehicles remote driving
..... *PENG Xinyu, ZHOU Yang, DONG Zhenjiang* [2020123](61)

Research on the construction and operation mode of urban cellular vehicle to everything
..... *CHANG Zhenting, XIE Zhendong, DONG Zhiguo* [2020125](69)

Research and Development

Accuracy analysis on access hyper-point real-time detection algorithms in high-speed network.....
..... *YU Haiqing, DING Wei, XU Jie* [2020117](74)

BP neural network based Doppler frequency offset estimation method for 5G high-speed mobile system.....
..... *WANG Zenghao, YANG Lihua, CHENG Lu, ZHANG Jie, LIANG Yan* [2020124](83)

A mutual and anonymous heterogeneous signcryption scheme between PKI and IBC
..... *JI Huifang, LIU Liandong, HUANG Yanyan, CHENG Qingfeng* [2020120](91)

Low-complexity massive MIMO channel estimation for mmWave systems via matrix completion.....
..... *QIU Jiafeng* [2020051](99)

RWA algorithm based on cost of photoelectric conversion device
..... *HU Daoyun, YANG Zhentai, LU Qianchun, QI Jin*[2020116](107)

Comprehensive Review

A survey of efficient deep neural network..... *MIN Rui* [2020119](115)

Operation Technology

Key technology of data center network for cloud network convergence.....
..... *WANG Jianglong, LEI Bo, XIE Yunpeng, HE Qi, LI Yunhe*[2020118](125)

Construction of operation and maintenance management platform based on internet plus
..... *YANG Zhen, CAO Yanning*[2020131](136)

Research and application of media streams based on entropy and FAHP..... *ZHONG Qizhu*[2020027](145)

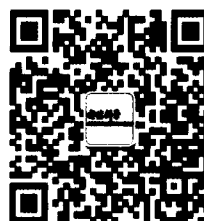
Prototype development and demonstration of unified management-control system of access-type OTN
..... *JING Ruiquan, ZHAO Guoyong, XU Yunbin, HUO Xiaoli*[2020030](154)

Operation support system of power communication network based on cloud platform
..... *YANG Zhimin, HONG Danke, WANG Li, XIE Junyi*[2020057](161)

Improvement of SRv6 SID structure *TANG Yonglin, LIU Feng*[2020121](170)

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



9 771000 080200

04>

万方数据