



中文核心期刊
中国科技核心期刊
RCCSE 中国核心学术期刊

ISSN 1000-0801
CN 11-2103/TN

电信科学

Telecommunications Science

第 31 卷第 **10** 期
Vol.31 No.10

2015 年 10 月
Oct. 2015



中国通信学会



人民邮电出版社

中国 · 北京 Beijing, China

C 目 录

专题:光通信与光电子

- 光子集成研究进展 陈向飞,唐 松 2015282
- 硅基片上复用—解复用技术与器件 戴道铤,王 健,陈思涛 2015281
- 面向中红外应用的硅基光电子学最近研究进展 舒浩文,苏昭棠,王兴军,周治平 2015274
- 基于硅基集成的模拟信号处理及其在微波光子前端中的应用
陈明华,于鸿晨,汪晶晶,陈宏伟,谢世钟 2015283
- 面向单纤 100 Tbit/s 容量的光传输技术 罗 鸣,贺志学,胡 荣,刘 武,杨 奇,余少华 2015272
- 光接入网演进趋势展望:软件定义的光接入网 顾仁涛 2015271

研究与开发

- 基于微分博弈的在线社交网络恶意程序传播优化控制方法
沈士根,黄龙军,胡珂立,李宏杰,韩日昇,曹奇英 2015215
- 基于滑动地址窗口的 IPv6 动态地址隧道模型 马子川,黄小红,闫 岫,张 沛 2015231
- 一种基于 Kepler 架构 GPU 的通信仿真加速方法 韩秉君,黄诗铭,杜 滢 2015248
- 通信工程采购的监督体系探索与研究 黄有丽 2015275
- 基于功率控制和信道分配的网络优化算法 刘 悦,郭晓磊,张 迅 2015260
- 一种基于椭圆曲线的前向安全数字签名
陈辉焱,袁 勇,万宗杰,刘 乐,杨 毅 2015202
- 基于最大化信噪比的大规模 MIMO 预编码算法 武宇花 2015250

电信科学

第 31 卷第 10 期 2015 年 10 月

专栏:互联网业务

- 基于用户行为认知的在线社交网络协同推荐 元 晋,许 斌,胡筱旋,徐匾珈,肖星琳 2015273
- 融入音乐子人格特质和社交网络行为分析的音乐推荐方法 琚春华,黄治移,鲍福光 2015240
- 交互式多生物特征识别技术在电子商务中的应用 谈 玲,张 璟 2015277
- 支持高并发处理的新型票务应用系统设计与实现 林 克,罗 喧,李 凌,李 豫 2015278
- 基于互联网的标准化考点信息系统建设和应用 张 璟,李 萍,金世平,靖 春 2015280

运营技术广角

- 面向租户的虚拟机定制化组网技术 庄子睿,王敬宇,徐 童 2015267
- SDN 技术和产业分析及运营商应对策略建议 樊勇兵,黄志兰 2015279
- 移动互联网业务对基站能耗的影响 李雯雯,边 森,Chien Aun Chan,邵泽才 2015253
- 流计算大数据技术在运营商实时信令处理中的应用 董 斌,杨 迪,王 铮,周文红 2015212
- 基于开源 PaaS 技术的互联网业务平台自动部署方案 何震苇,严丽云,李慧云,张 凌,陆 钢 2015259
- 层次化软件定义光网络原型系统开发与试验演示 荆瑞泉,张成良 2015246
- 分布式 DNS 反射 DDoS 攻击检测及控制技术 罗志强,沈 军,金华敏 2015270
- 基于城域网的运营级 WLAN 组网技术 高 波,潘毅明,黄国瑾 2015268
- 基于路由交换技术的静态专线冗余备份方法 董 铮,唐海军 2015258
- 光模块内置 OTDR 数据及格式分析 欧月华,任 艳 2015224

Telecommunications Science

October 2015 (Vol.31 No.10)

- Research Progress of Photonic Integrated Circuits *Chen Xiangfei, Tang Song*(2015282)
- Silicon-Based Chip Multiplexing Technologies and Devices *Dai Daoxin, Wang Jian, Chen Sitao*(2015281)
- Recent Progress of Silicon Photonics for Middle-Infrared Application
..... *Shu Haowen, Su Zhaotang, Wang Xingjun, Zhou Zhiping*(2015274)
- Analog Signal Processing Based on Silicon-Photonics and Its Application in Microwave Photonic Frontend
..... *Chen Minghua, Yu Hongchen, Wang Jingjing, Chen Hongwei, Xie Shizhong*(2015283)
- 100 Tbit/s Optical Transmission Technology on Single Mode Fiber
..... *Luo Ming, He Zhixue, Hu Rong, Liu Wu, Yang Qi, Yu Shaohua*(2015272)
- Optical Access Network Evolution Trends: Software Defined Optical Access Network *Gu Rentao*(2015271)
- Differential Game-Based Optimal Control Method for Preventing Malware Propagation in Online Social Network
..... *Shen Shigen, Huang Longjun, Hu Keli, Li Hongjie, Han Risheng, Cao Qiyang*(2015215)
- IPv6 Dynamic Address Tunnel Model Based on the Sliding Address Window
..... *Ma Zichuan, Huang Xiaohong, Yan Shen, Zhang Pei*(2015231)
- A Simulation Accelerating Method Based on CUDA with Kepler GPU *Han Bingjun, Huang Shiming, Du Ying*(2015248)
- Supervision System of Communication Project Procurement *Huang Youli*(2015275)
- Network Optimization Algorithm Based on Power Control and Channel Assignment *Liu Yue, Guo Xiaolei, Zhang Xun*(2015260)
- A Forward-Secure Digital Signature Based on Elliptic Curve *Chen Huiyan, Yuan Yong, Wan Zongjie, Liu Le, Yang Yi*(2015202)
- A Precoding Algorithm Based on Max-SNR in Massive MIMO System *Wu Yuhua*(2015250)
- Collaborative Recommendation for Online Social Networks Based on User Behavior Cognitive
..... *Qi Jin, Xu Bin, Hu Xiaoxuan, Xu Bianjia, Xiao Xinglin*(2015273)
- A Novel Music Recommendation Method Combining Music Sub-Personality and Social Network Behavior Analysis
..... *Ju Chunhua, Huang Zhiyi, Bao Fuguang*(2015240)
- Application of Interactive Multi-Biometrics Recognition on E-Commerce *Tan Ling, Zhang Lu*(2015277)
- Design and Implementation of the New Ticketing Application System with High-Concurrency Supported
..... *Lin Ke, Luo Xuan, Li Ling, Li Yu*(2015278)
- Information System Construction and Application of the Standardized Test Center Based on Internet
..... *Zhang Lu, Li Ping, Jin Shiping, Jing Chun*(2015280)
- Tenant-Oriented Customized VM Networking Technology *Zhuang Zirui, Wang Jingyu, Xu Tong*(2015267)
- SDN Technology and Industry Analysis and Strategy Recommendations for Telecom Operator
..... *Fan Yongbing, Huang Zhilan*(2015279)
- Influence of Mobile Internet Services on Base Station Energy Consumption
..... *Li Wenwen, Bian Sen, Chien Aun Chan, Shao Zecai*(2015253)
- Stream Computing Analysis and Application on Operator Real-time Signal Big Data Processing
..... *Dong Bin, Yang Di, Wang Zheng, Zhou Wenhong*(2015212)
- Automatic Deployment Solution for Internet Business Platform Based on Open-Source PaaS
..... *He Zhenwei, Yan Liyun, Li Huiyun, Zhang Ling, Lu Gang*(2015259)
- Prototype Development and Demonstration of Hierarchical Software-Defined Optical Network
..... *Jing Ruiquan, Zhang Chengliang*(2015246)
- Detection and Control Technology of Distributed DNS Reflective DDoS Attack *Luo Zhiqiang, Shen Jun, Jin Huamin*(2015270)
- Technology of WLAN in Operation Level Based on Metropolitan Area Network *Gao Bo, Pan Yiming, Huang Guojin*(2015268)
- A Static Line Redundant Backup Method Based on Routing Switching Technology *Dong Zheng, Tang Haijun*(2015258)
- Analysis of Data and Format for OTDR Integrated in Optical Module *Ou Yuehua, Ren Yan*(2015224)

Chief Editor: Wei Leping

Director: Wu Nada

Sponsor: China Institute of Communications

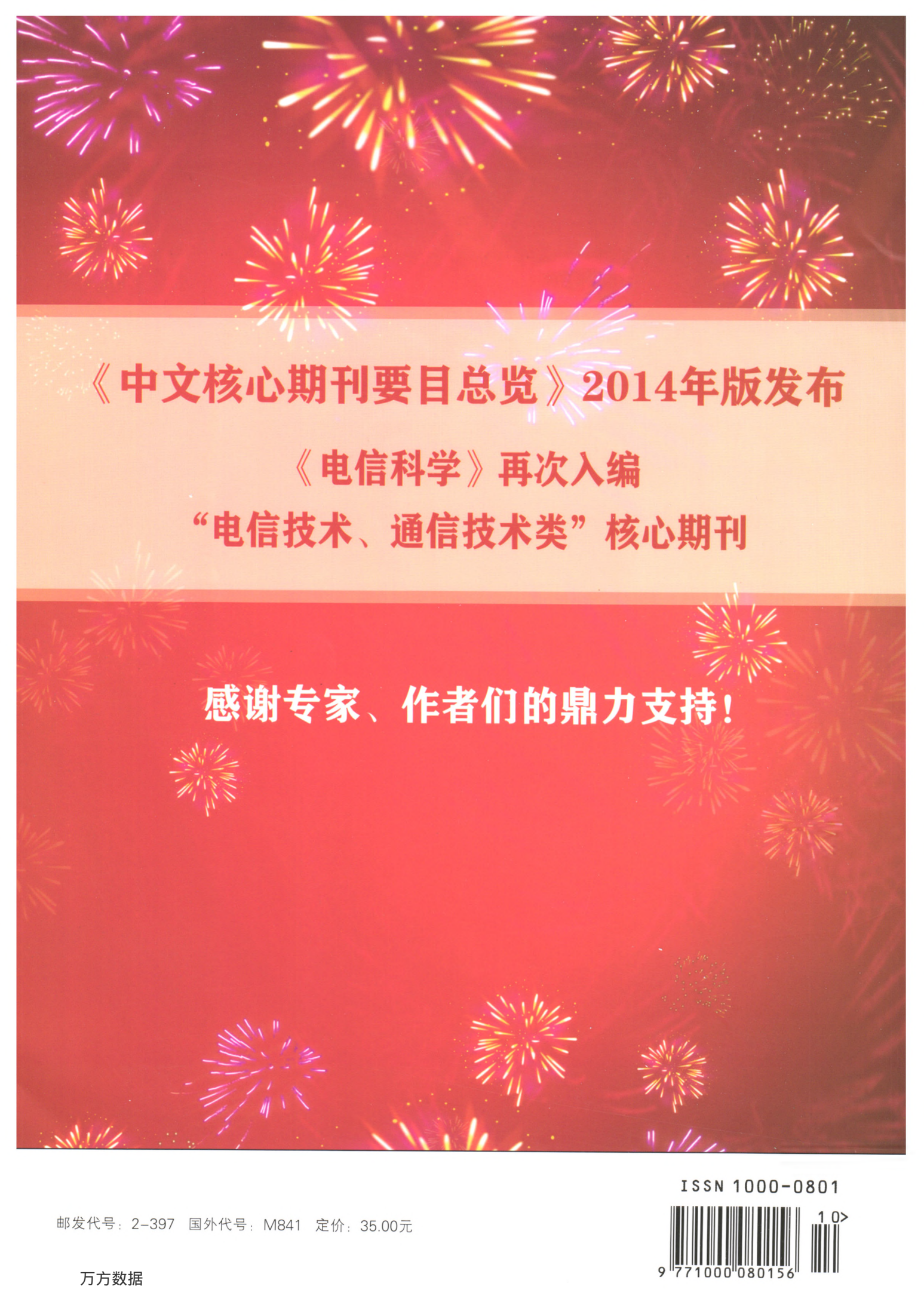
Posts and Telecommunications Press

Editor: *Telecommunications Science* Magazine Office (F8, You Dian Publisher Building, No.11

Chengshou Road, Fengtai District, Beijing 100078, China)

General Distribution Office: Beijing Newspapers and Periodicals Distribution Office

Overseas Distributor: China International Book Trading Corporation (P.O.Box 399, Beijing, China)



《中文核心期刊要目总览》2014年版发布

《电信科学》再次入编
“电信技术、通信技术类”核心期刊

感谢专家、作者们的鼎力支持!

邮发代号: 2-397 国外代号: M841 定价: 35.00元

万方数据

ISSN 1000-0801

