



《电子学报》创刊60周年专栏

阵列天线电磁-结构-热耦合理论:现在与未来

.....徐鹏颖, 蔺卡宾, 韩宝庆, 王志海, 于坤鹏, 尹奎英, 冷国俊, 王艳, 李智, 马小飞, 王从思(2817)

基于超快自旋电子学太赫兹发射源的研究与应用

.....孙芸, 张帆, 王航天, 白中扬, 孙统, 彭静宜, 张盈, 刘永山, 王梓力, 李竞, 高凡, 赵兴科, 谢巍然, 田祺云, 张婕, 许涌, 张慧, 温良恭, 聂天晓, 赵巍胜(2854)

高光谱图像分数域信息提取理论与方法进展赵旭东, 陶然, 李伟, 张蒙蒙(2874)

面向机器学习模型安全的测试与修复张笑宇, 沈超, 蔺琛皓, 李前, 王骞, 李琦, 管晓宏(2884)

脉冲连续摄影原理与超高速高动态成像验证黄铁军(2919)

融算网络体系基础研究张宏科, 于成晓, 权伟, 张宇明(2928)

基于可重构OTA装置的非平稳多维无线信道重构模型与应用性能分析.....刘元安, 王卫民, 张震, 王珩, 高华强(2935)

基于微波光子的卫星通信载荷架构及关键技术何元智, 尹浩, 谭庆贵, 文爱军, 刘韵(2945)

雷达极化域变焦角反组合物体对抗方法:抗质心式干扰王罗胜斌, 吴国庆, 徐振海, 李永祯, 王雪松(2957)

雷达极化域变焦角反组合物体对抗方法:抗冲淡式干扰吴国庆, 王罗胜斌, 庞晨, 李永祯, 王雪松(2969)

全息无线电:全息超表面赋能的超大规模MIMO新范式邓若琪, 张雨童, 张浩波, 邸博雅, 张泓亮, 宋令阳(2984)

学术论文

基于共腔罗特曼透镜的毫米波十字扫描多波束阵列天线连继伟, 班永灵, 顾鹏飞, 丁大志(2996)

基于分形超表面的小型化宽带高透射率平面透镜天线马丽娜, 顾昌展, 周凌云, 毛军发(3003)

高可靠性InGaZnO薄膜晶体管集成栅极驱动电路的研究周刘飞, 邵贤杰, 陈旭, 王海宏, 王保平(3014)

基于代数多重网格的天波超视距雷达跨尺度地海杂波识别方法李灿, 张钰, 王增福, 卢琨, 潘泉(3021)

综述评论

中文电子病历命名实体识别的研究与进展杜晋华, 尹浩, 冯嵩(3030)

GeTe相变射频开关综述帅陈杨, 付云起, 郑月军, 陈强, 王忠宝(3054)



60th Anniversary Special Issue

Electromagnetic-Structural-Thermal Coupling Theory for Array Antenna: Present and Future

.....XU Peng-ying, LIN Ka-bin, HAN Bao-qing, WANG Zhi-hai, YU Kun-peng, YIN Kui-ying, LENG Guo-jun, WANG Yan, LI Zhi, MA Xiao-fei, WANG Cong-si (2818)

Research and Application of Spintronic Terahertz Emitter Based on Ultrafast Spintronics

.....SUN Yun, ZHANG Fan, WANG Hang-tian, BAI Zhong-yang, SUN Tong, PENG Jing-yi, ZHANG Ying, LIU Yong-shan, WANG Zi-li, LI Jing, GAO Fan, ZHAO Xing-ke, XIE Wei-ran, TIAN Qi-yun, ZHANG Jie, XU Yong, ZHANG Hui, WEN Liang-gong, NIE Tian-xiao, ZHAO Wei-sheng (2854)

Recent Developments in Fractional Information Extraction Theory and Methods of Hyperspectral Image

.....ZHAO Xu-dong, TAO Ran, LI Wei, ZHANG Meng-meng (2874)

The Testing and Repairing Methods for Machine Learning Model Security

.....ZHANG Xiao-yu, SHEN Chao, LIN Chen-hao, LI Qian, WANG Qian, LI Qi, GUAN Xiao-hong (2884)

Spiking Continuous Photographing Principle and Demonstration on Ultrahigh Speed and High Dynamic Imaging

.....HUANG Tie-jun (2919)

Fundamental Research on Computing Integration NetworkingZHANG Hong-ke, YU Cheng-xiao, QUAN Wei, ZHANG Yu-ming (2928)

Non-Stationary Multi-Dimensional Wireless Channel Model Emulated with Reconfigurable OTA Setup and Its Application Analysis

.....LIU Yuan-an, WANG Wei-min, ZHANG Zhen, WANG Heng, GAO Hua-qiang (2935)

Architecture and Key Technologies of Satellite Communication Payload Based on Microwave Photonics

.....HE Yuan-zhi, YIN Hao, TAN Qing-gui, WEN Ai-jun, LIU Yun (2945)

Radar Polarization Modulation Countermeasures for Combined Corner Reflector: Anti Centroid Jamming

.....WANG Luo-sheng-bin, WU Guo-qing, XU Zhen-hai, LI Yong-zhen, WANG Xue-song (2957)

Radar Polarization Modulation Countermeasures for Combined Corner Reflector: Anti Diluted Jamming

.....WU Guo-qing, WANG Luo-sheng-bin, PANG Chen, LI Yong-zhen, WANG Xue-song (2969)

Holographic Radio: A New Paradigm for Ultra-Massive MIMO Enabled by Reconfigurable Holographic Surfaces

.....DENG Ruo-qi, ZHANG Yu-tong, ZHANG Hao-bo, DI Bo-ya, ZHANG Hong-liang, SONG Ling-yang (2984)

PAPERS

Millimeter-Wave Cruciform Multibeam Array Antenna Based on Shared-Cavity Rotman Lens

.....LIAN Ji-wei, BAN Yong-ling, GU Peng-fei, DING Da-zhi (2996)

A Miniaturized Broadband Planar Lens Antenna with High Transmittance Based on Fractal Metasurface

.....MA Li-na, GU Chang-zhan, ZHOU Ling-yun, MAO Jun-fa (3003)

Study of Highly Reliable Gate Driver on Array Based on InGaZnO Thin Film Transistor

.....ZHOU Liu-fei, SHAO Xian-jie, CHEN Xu, WANG Hai-hong, WANG Bao-ping (3014)

Cross-Scale Land/Sea Clutter Classification Method for Over-the-Horizon Radar Based on Algebraic Multigrid

.....LI Can, ZHANG Yu, WANG Zeng-fu, LU Kun, PAN Quan (3021)

SURVEYS AND REVIEWS

Research and Development of Named Entity Recognition in Chinese Electronic Medical Record

.....DU Jin-hua, YIN Hao, FENG Song (3030)

Review of GeTe Phase-Change RF SwitchesSHUAI Chen-yang, FU Yun-qi, ZHENG Yue-jun, CHEN Qiang, WANG Zhong-bao (3054)