《微波学报》2022刊文的引用格式

**2022年第1期：**

1. 姚树锋, 李广伟, 杨圣杰, 等. 5G毫米波有源阵列封装天线技术研究[J]. 微波学报, 2022, 38(1): 1-6.

YAO S F, LI G W, YANG S J, et al. Research on 5G millimeter-wave active array antenna-in-package [J]. Journal of Microwaves, 2022, 38(1): 1-6.

1. 刘晓春, 赵敏鑫, 曹群生, 等. 贴片-网栅级联二阶宽带带通频率选择表面设计[J]. 微波学报, 2022, 38(1): 7-11.

LIU X C, ZHAO M X, CAO Q S, et al. Design of second-order wideband bandpass frequency selective surface with patch-grid cascaded [J]. Journal of Microwaves, 2022, 38(1): 7-11.

1. 王 浩, 张 蕾, 吕庆立, 等. 低PIM双圆极化微带天线设计[J]. 微波学报, 2022, 38(1): 12-15.

WANG H, ZHANG L, LV Q L, et al. Design of a dual-circularly polarized microstrip antenna with low PIM [J]. Journal of Microwaves, 2022, 38(1): 12-15.

1. 刘志惠, 孙 磊. 一种宽带双极化赋形抛物盒喇叭天线[J]. 微波学报, 2022, 38(1): 16-19.

LIU Z H, SUN L. A wideband dual polarized beam-shaping horn-reflector antenna [J]. Journal of Microwaves, 2022, 38(1): 16-19.

1. 王英浩, 李 冯, 曹文杰, 等. 一种应用于LTE和5G中频段的宽带双极化基站天线[J]. 微波学报, 2022, 38(1): 20-24.

WANG Y H, LI F, CAO W J, et al. A broadband bipolar base station antenna for LTE and 5G medium frequency bands [J]. Journal of Microwaves, 2022, 38(1): 20-24.

1. 程琪滨, 苏金龙, 杨正午, 等. 低风速海面毫米波辐射亮温半经验模型[J]. 微波学报, 2022, 38(1): 25-29.

CHENG Q B, SU J L, YANG Z W, et al. Semi-empirical model of millimeter wave radiation brightness temperature of sea surface with low wind speed [J]. Journal of Microwaves, 2022, 38(1): 25-29.

1. 赵子坤, 房 晨, 陈小敏, 等. 面向5G/6G大规模MIMO信道实时模拟研究[J]. 微波学报, 2022, 38(1): 30-35.

ZHAO Z K, FANG C, CHEN X M, et al. A real-time emulation research on 5G/6G massive MIMO channels [J]. Journal of Microwaves, 2022, 38(1): 30-35.

1. 张继宏, 徐延林, 毋召锋, 等. 波导型能量选择电磁防护器件设计与实现[J]. 微波学报, 2022, 38(1): 36-40.

ZHANG J H, XU Y L, WU Z F, et al. Design and prototyping of energy selective waveguide component for high power microwave protection [J]. Journal of Microwaves, 2022, 38(1): 36-40.

1. 黄丽梅, 姜 兴, 孙逢圆, 等. 应用于脑出血探测的宽带定向天线研究[J]. 微波学报, 2022, 38(1): 41-46.

HUANG L M, JIANG X, SUN F Y, et al. Research on broadband directional antenna applied in cerebral hemorrhage detection [J]. Journal of Microwaves, 2022, 38(1): 41-46.

1. 陈圳鹏, 袁家德. 一种小型化宽频带卫星导航终端天线的设计[J]. 微波学报, 2022, 38(1): 47-51.

CHEN Z P, YUAN J D. Design of a compact broadband satellite navigation antenna [J]. Journal of Microwaves, 2022, 38(1): 47-51.

1. 熊久良, 潘 征, 黄刘宏, 等. 程控电话交换机宽脉冲电场辐照效应[J]. 微波学报, 2022, 38(1): 52-56.

XIONG J L, PAN Z, HUANG L H, et al. Irradiation effect of wide pulse electric field on program control telephone switch [J]. Journal of Microwaves, 2022, 38(1): 52-56.

1. 杨 蓉, 顾钊源, 万发雨. 小型化宽带磁场探头仿真与设计[J]. 微波学报, 2022, 38(1): 57-61.

YANG R, GU Z Y, WAN F Y. Simulation and design of miniaturized broadband magnetic field probe [J]. Journal of Microwaves, 2022, 38(1): 57-61.

1. 孙引进, 顾颖言, 蔡晓波, 等. 大功率GaN器件接地特性与稳定性研究[J]. 微波学报, 2022, 38(1): 62-65.

SUN Y J, GU Y Y, CAI X B, et al. Research on the ground situation and stability of highly output power GaN device [J]. Journal of Microwaves, 2022, 38(1): 62-65.

1. 王 远, 南敬昌, 刘文进. 基于L型槽结构的小型化SIW滤波器[J]. 微波学报, 2022, 38(1): 66-70.

WANG Y, NAN J C, LIU W J. Miniaturized SIW filter based on L-shaped slot structure [J]. Journal of Microwaves, 2022, 38(1): 66-70.

1. 黄微波, 杨 飞, 王 勇, 等. K频段自适应前馈行波管放大器设计[J]. 微波学报, 2022, 38(1): 71-75.

HUANG W B, YANG F, WANG Y, et al. Design of K band adaptive feedforward TWT amplifier [J]. Journal of Microwaves, 2022, 38(1): 71-75.

1. 雷霄楚, 陆云龙, 黄季甫, 等. 基于最小噪声匹配的低噪放-天线一体化电路[J]. 微波学报, 2022, 38(1): 76-80.

LEI X C, LU Y L, HUANG J F, et al. LNA-antenna integrated circuit based on minimum noise matching [J]. Journal of Microwaves, 2022, 38(1): 76-80.

1. 赵桂铖, 要志宏. L波段高功率单刀双掷开关设计与实现[J]. 微波学报, 2022, 38(1): 81-84.

ZHAO G C, YAO Z H. Design and realization of L-band high power single-pole duble-throw switch [J]. Journal of Microwaves, 2022, 38(1): 81-84.

1. 张友俊, 伍尚君. 一种小型化带通滤波微带巴伦设计[J]. 微波学报, 2022, 38(1): 85-89.

ZHANG Y J, WU S J. A design of miniaturized bandpass filter microstrip Balun [J]. Journal of Microwaves, 2022, 38(1): 85-89.

1. 董子宇, 任新成, 赵 晔, 等. 横向沙丘表面电磁散射的时域有限差分法研究[J]. 微波学报, 2022, 38(1): 90-95.

DONG Z Y, REN X C, ZHAO Y, et al. Study on electromagnetic scattering from the surface of transverse dunes using finite difference time domain method [J]. Journal of Microwaves, 2022, 38(1): 90-95.

1. 单 涛, 刘 强, 程 栋, 等. 微波对固体培养基灭菌的研究[J]. 微波学报, 2022, 38(1): 96-100.

SHAN T, LIU Q, CHENG D, et al. Research on sterilization of solid medium by microwave [J]. Journal of Microwaves, 2022, 38(1): 96-100.

**2022年第2期：**

1. 王 霞, 孙 玥, 李雅楠, 等. 适应多角度入射的无线能量传输天线设计[J]. 微波学报, 2022, 38(2): 1-6.

WANG X, SUN Y, LI Y N, et al. Design of wireless power transmission antenna adapted to multi-angle incidence [J]. Journal of Microwaves, 2022, 38(2): 1-6.

1. 刘志佳, 赵香妮, 斯 扬, 等. 星载双圆极化混合波纹喇叭数传天线[J]. 微波学报, 2022, 38(2): 7-11.

LIU Z J, ZHAO X N, SI Y, et al. Spaceborne Dual Circularly Polarization Hybrid Corrugated Horn DataTransmission Antenna [J]. Journal of Microwaves, 2022, 38(2): 7-11.

1. 申婉婷, 潘少鹏, 肖 培, 等. 低截止频率多倍频程高增益对跖Vivaldi天线[J]. 微波学报, 2022, 38(2): 12-17.

SHEN W T, PAN S P, XIAO P, et al. A multi-octave high-gain antipodal Vivaldi antenna with low cut-off frequency [J]. Journal of Microwaves, 2022, 38(2): 12-17.

1. 曹成云, 柴舜连, 刘亿荣, 等. 一种宽带缝隙耦合微带天线阵列的设计[J]. 微波学报, 2022, 38(2): 18-23.

CAO C Y, CHAI S L, LIU Y R, et al. Design of a wide-band aperture-coupled microstrip antenna array [J]. Journal of Microwaves, 2022, 38(2): 18-23.

1. 袁家德, 陈圳鹏, 邱凯翔. 宽频带圆极化缝隙螺旋天线的设计[J]. 微波学报, 2022, 38(2): 24-27.

YUAN J D, CHEN Z P, QIU K X. Design of a wideband circularly polarized slot helix antenna [J]. Journal of Microwaves, 2022, 38(2): 24-27.

1. 石 源, 曾庆生, 司晴晴, 等. 一种基于零阶谐振的双频电小天线设计[J]. 微波学报, 2022, 38(2): 28-32.

SHI Y, ZENG Q S, SI Q Q, et al. A zeroth-order resonating electrically small antenna withdual-band characteristics [J]. Journal of Microwaves, 2022, 38(2): 28-32.

1. 崔学武, 李 强, 位朝垒, 等. 一种宽带低剖面高增益低副瓣定向平板天线[J]. 微波学报, 2022, 38(2): 33-37.

CUI X W, LI Q, WEI C L, et al. A broadband low-profile high-gain low-sidelobe directional planar antenna [J]. Journal of Microwaves, 2022, 38(2): 33-37.

1. 高家兴, 杜永兴, 孙彤彤, 等. 一种小型化体外挽袖微带圆贴片微波热疗天线[J]. 微波学报, 2022, 38(2): 38-43.

GAO J X, DU Y X, SUN T T, et al. A miniaturized microwave thermotherapy antenna with external sleeve pulling microstrip patch [J]. Journal of Microwaves, 2022, 38(2): 38-43.

1. 王丽黎, 张智欢, 陈俊池. 一种加载超表面结构的宽带天线设计[J]. 微波学报, 2022, 38(2): 44-47.

WANG L L, ZHANG Z H, CHEN J C. A wideband antenna by loading metasurface structure [J]. Journal of Microwaves, 2022, 38(2): 44-47.

1. 赵 伟, 王 侃, 孙红兵, 等. 大型多结构面雷达电磁干扰抑制方法研究[J]. 微波学报, 2022, 38(2): 48-51.

ZHAO W, WANG K, SUN H B, et al. Research on EMI suppression method of large multi-array radar [J]. Journal of Microwaves, 2022, 38(2): 48-51.

1. 代传相, 李小珍, 邢孟江, 等. 基于IPD 的紧凑型高性能N77带通滤波器[J]. 微波学报, 2022, 38(2): 52-55.

DAI C X, LI X Z, XING M J, et al. Compact high performance N77 band-pass filter with IPD technology [J]. Journal of Microwaves, 2022, 38(2): 52-55.

1. 张 宇, 渠芳芳. 一种基于模式匹配法的新型波导双工器设计[J]. 微波学报, 2022, 38(2): 56-60.

ZHANG Y, QU F F. Design of a new waveguide duplexer based on mode matching method [J]. Journal of Microwaves, 2022, 38(2): 56-60.

1. 蔡 蓉, 郭则恒, 朱梦珂, 等. 一种具有不同功分比的同相平衡至单端式功分器[J]. 微波学报, 2022, 38(2): 61-67.

CAI R, GUO Z H, ZHU M K, et al. An in-phase balanced-to-single-ended power divider with different power division [J]. Journal of Microwaves, 2022, 38(2): 61-67.

1. 王乔楠, 张辛迪. 小型化AGC模块研制[J]. 微波学报, 2022, 38(2): 68-72.

WANG Q N, ZHANG X D. Research on Miniaturization of AGC Module [J]. Journal of Microwaves, 2022, 38(2): 68-72.

1. 朱 磊, 年夫顺, 宁曰民, 等. 超宽带大功率合成器设计[J]. 微波学报, 2022, 38(2): 73-75.

ZHU L, NIAN F S, NING Y M, et al. Design of a ultra-wideband high power synthesizer [J]. Journal of Microwaves, 2022, 38(2): 73-75.

1. 陈 卓, 何庆国, 崔 雍, 等. 太赫兹InP DHBT器件研究[J]. 微波学报, 2022, 38(2): 76-79.

CHEN Z, HE Q G, CUI Y, et al. Study on THz InP DHBT device [J]. Journal of Microwaves, 2022, 38(2): 76-79.

1. 杨 磊, 于大群, 毛建军. 相频扫描阵列通道幅相测试方法研究[J]. 微波学报, 2022, 38(2): 80-85.

YANG L, YU D Q, MAO J J. Research on amplitude and phase testing method of the phase-frequency scanning array [J]. Journal of Microwaves, 2022, 38(2): 80-85.

1. 时政欣, 张新刚, 宋文超, 等. 基于遗传算法的多波束频率复用优化设计[J]. 微波学报, 2022, 38(2): 86-90.

SHI Z X, ZHANG X G, SOGN W C, et al. Optimized design of multi-beam frequency reuse based on genetic algorithm [J]. Journal of Microwaves, 2022, 38(2): 86-90.

1. 周俊宇, 许高明, 韩 栋, 等. 基于数/模混合预失真技术的功放线性化[J]. 微波学报, 2022, 38(2): 91-94.

ZHOU J Y, XU G M, HAN D, et al. Linearization of power amplifier based on digital/analog hybrid predistortion technology [J]. Journal of Microwaves, 2022, 38(2): 91-94.

1. 姬传堂, 章 飞. 互质MIMO雷达的非圆信号降维DOA估计方法[J]. 微波学报, 2022, 38(2): 95-100.

JI C T, ZHANG F. Method of non-circular dimensionality reduction DOA estimation based on coprime MIMO radar [J]. Journal of Microwaves, 2022, 38(2): 95-100.

**2022年第3期：**

1. 付云起, 高 冕, 陈 强, 等. 透明吸波体综述[J]. 微波学报, 2022, 38(3): 1-7.

FU Y Q, GAO M, CHEN Q, et al. Overview of transparent absorbers [J]. Journal of Microwaves, 2022, 38(3): 1-7.

1. 王晓川, 杨佳慧, 严正罡, 等. Ku波段宽带高增益基片集成腔圆极化阵列天线[J]. 微波学报, 2022, 38(3): 8-13.

WANG X C, YANG J H, YAN Z G, et al. Ku-band broadband high-gain substrate integrated cavity circularly polarized antenna array [J]. Journal of Microwaves, 2022, 38(3): 8-13.

1. 连迎春, 于大群, 韩 旭. 一种一维相扫数字阵列快速校准方法研究[J]. 微波学报, 2022, 38(3): 14-19.

LIAN Y C, YU D Q, HAN X. Research on a fast calibration method for one-dimension phase-scan digital array [J]. Journal of Microwaves, 2022, 38(3): 14-19.

1. 杨 林, 程友峰, 廖 成, 等. 一款具有稳定扫描波束分辨率的宽视角相控阵天线[J]. 微波学报, 2022, 38(3): 20-26.

YANG L, CHENG Y F, LIAO C, et al. A wide-angular phased array antenna with stable scanning beam resolution [J]. Journal of Microwaves, 2022, 38(3): 20-26.

1. 万照辉, 曹群生, 王 彬, 等. 环境温度对天线罩电性能的影响分析[J]. 微波学报, 2022, 38(3): 27-32.

WAN Z H, CAO Q S, WANG B, et al. Analysis of environment temperature influence on the radome electrical performance [J]. Journal of Microwaves, 2022, 38(3): 27-32.

1. 梁志毅, 张霄霖, 刘 磊, 等. 加载介质透镜的超宽带平面螺旋天线设计[J]. 微波学报, 2022, 38(3): 33-35.

LIANG Z Y, ZHANG X L, LIU L, et al. Design of an ultra-wideband planar spiral antenna loaded with dielectric lens [J]. Journal of Microwaves, 2022, 38(3): 33-35.

1. 庄建兴, 吴鸿超, 孙红兵, 等. 基于大单元间距相控阵体制的圆极化喇叭单元[J]. 微波学报, 2022, 38(3): 36-41.

ZHUANG J X, WU H C, SUN H B, et al. Circularly polarized horn antenna based on large element spacing phased array [J]. Journal of Microwaves, 2022, 38(3): 36-41.

1. 张合情, 杜 平, 郭 涛. 一种快速有限周期阵列特征模分析法[J]. 微波学报, 2022, 38(3): 42-45.

ZHANG H Q, DU P, GUO T. A fast characteristic mode analysis method for finite periodic arrays [J]. Journal of Microwaves, 2022, 38(3): 42-45.

1. 康 祯, 杨 方, 张瑞祥, 等. 用于电磁波多尺度问题求解的高效FDTD-PITD混合算法[J]. 微波学报, 2022, 38(3): 46-52.

KANG Z, YANG F, ZHANG R X, et al. An efficient hybrid FDTD-PITD formulation for solving multiscale electromagnetic wave problems [J]. Journal of Microwaves, 2022, 38(3): 46-52.

1. 李 毅, 何方敏, 李 阳, 等. 强耦合干扰对消系统接收通道噪声系数分析[J]. 微波学报, 2022, 38(3): 53-58.

LI Y, HE F M, LI Y, et al. Analysis of noise figure of strong coupling interference cancellation system receiving channel [J]. Journal of Microwaves, 2022, 38(3): 53-58.

1. 谢佳楠, 刘文远, 王露洁, 等. 一种基于神经网络的微波器件快速建模方法[J]. 微波学报, 2022, 38(3): 59-64.

XIE J N, LIU W Y, WANG L J, et al. A fast modeling approach for microwave devices based on artificial neural network [J]. Journal of Microwaves, 2022, 38(3): 59-64.

1. 张 勇, 周 蜜, 金祖升, 等. 舰船雷电波形与防护试验研究[J]. 微波学报, 2022, 38(3): 65-70.

ZHANG Y, ZHOU M, JIN Z S, et al. Study on navy ship lightning waveform and protection test [J]. Journal of Microwaves, 2022, 38(3): 65-70.

1. 郭太行, 邓阳俊, 李金平, 等. 基于耶路撒冷十字图案FSS宽带RAS的设计与性能研究[J]. 微波学报, 2022, 38(3): 71-75.

GUO T H, DENG Y J, LI J P, et al. Design and performanceresearch of FSS broadband RAS Based on jerusalem cross pattern [J]. Journal of Microwaves, 2022, 38(3): 71-75.

1. 仵 杰, 潘昱宏, 罗 洋, 等. 栅格式排气孔雷电电磁效应机理分析[J]. 微波学报, 2022, 38(3): 76-82.

WU J, PAN Y H, LUO Y, et al. Analysis of lightning electromagnetic effect of grid-fin vent [J]. Journal of Microwaves, 2022, 38(3): 76-82.

1. 陈 羽, 马磊强, 刘 楠, 等. 等离子体限幅器对雷电防护效果的试验分析[J]. 微波学报, 2022, 38(3): 83-87.

CHEN Y, MA L Q, LIU N, et al. Experimental analysis of lightning protection effect of plasma limiter [J]. Journal of Microwaves, 2022, 38(3): 83-87.

1. 李悬雷, 李丽君, 王晓青, 等. 基于GaN HEMT的高线性星载Doherty功率放大器设计[J]. 微波学报, 2022, 38(3): 88-90.

LI X L, LI L J, WANG X Q, et al. Design of high linear space-borne doherty power amplifier based on GaN HEMT [J]. Journal of Microwaves, 2022, 38(3): 88-90.

1. 陈 强, 陆云龙, 周 望, 等. 工作频率比可控的微带-缝隙双频耦合器设计[J]. 微波学报, 2022, 38(3): 91-96.

CHEN Q, LU Y L, ZHOU W, et al. Design of microstrip-slot dual-frequency coupler with controllable frequency ratio [J]. Journal of Microwaves, 2022, 38(3): 91-96.

1. 崔 灿, 姚常飞, 顾希雅. W波段集成化收发组件设计[J]. 微波学报, 2022, 38(3): 97-102.

CUI C, YAO C F, GU X Y. W-band integrated transceiver component design [J]. Journal of Microwaves, 2022, 38(3): 97-102.

**2022年第4期：**

1. 史源平, 王现彬, 马彦恒. 基于偏振复用技术的光频梳研究[J]. 微波学报, 2022, 38(4): 1-6.

SHI Y P, WANG X B, MA Y H. Research on optical frequency comb based on polarization multiplexing technology [J]. Journal of Microwaves, 2022, 38(4): 1-6.

1. 叶志红, 汝梦祖, 吴小林, 等. PCB上微带线的电磁耦合时域建模分析方法[J]. 微波学报, 2022, 38(4): 7-11.

YE Z H, RU M Z, WU X L, et al. Time domain modeling method for EM coupling analysis of microstrip line on PCB [J]. Journal of Microwaves, 2022, 38(4): 7-11.

1. 张继龙, 张 鑫, 王 杨, 等. 一种多体制兼容的微波成像新技术[J]. 微波学报, 2022, 38(4): 11-17.

ZHANG J L, ZHANG X, WANG Y, et al. A novel multi-system compatible microwave imaging technology [J]. Journal of Microwaves, 2022, 38(4): 11-17.

1. 张倩倩, 尹成友, 李安琪. 基于时间反演的室内精确单站定位技术研究[J]. 微波学报, 2022, 38(4): 18-25.

ZHANG Q Q, YIN C Y, LI A Q. Research on indoor accurate single station positioning technology based on time reversal [J]. Journal of Microwaves, 2022, 38(4): 18-25.

1. 郭胜杰, 杨 磊, 王 侃, 等. 一种Ka波段片式相控阵天线集成化设计[J]. 微波学报, 2022, 38(4): 26-30.

GUO S J, YANG L, WANG K, et al. Integration design of a Ka-band tiled phased array antenna [J]. Journal of Microwaves, 2022, 38(4): 26-30.

1. 马 赛, 刘震国, 陆卫兵, 等. 基于SIW的多波束CTS阵列天线设计[J]. 微波学报, 2022, 38(4): 31-36.

MA S, LIU Z G, LU W B, et al. Design of a multi-beam SIW CTS array antenna [J]. Journal of Microwaves, 2022, 38(4): 31-36.

1. 王高飞, 李晨枫, 于大群, 等. 一种有源相控阵天线高谐波抑制设计[J]. 微波学报, 2022, 38(4): 37-40.

WANG G F, LI C F, YU D Q, et al. High harmonic suppression design of an active phased array antenna [J]. Journal of Microwaves, 2022, 38(4): 37-40.

1. 侯新宇, 黄智成, 余丽丽, 等. 一种锥型双频带通雷达罩的RCS及电性能分析[J]. 微波学报, 2022, 38(4): 41-44.

HOU X Y, HUANG Z C, YU L L, et al. Analysis of electrical and RCS performance of a cone-type dual-bandbandpass radome [J]. Journal of Microwaves, 2022, 38(4): 41-44.

1. 丁江乔, 雷雅淋, 闫玉涛, 等. 全W波段宽带波导双工器研究[J]. 微波学报, 2022, 38(4): 45-49.

DING J Q, LEI Y L, YAN Y T, et al. Study on a full W-band broadband waveguide duplexer [J]. Journal of Microwaves, 2022, 38(4): 45-49.

1. 张 凯, 杜 明. 一种超宽带正交可切换双通道接收模组[J]. 微波学报, 2022, 38(4): 50-53.

ZHANG K, DU M. An ultra-broadband orthogonal swithchable dual-channel receive module [J]. Journal of Microwaves, 2022, 38(4): 50-53.

1. 樊 炽, 吴 边. 谐振器加载石墨烯的双通带可调滤波衰减器设计[J]. 微波学报, 2022, 38(4): 54-57.

FAN Z, WU B. Design of a dual-band tunable filtering attenuator based on graphene-loaded resonator [J]. Journal of Microwaves, 2022, 38(4): 54-57.

1. 杜宗伦, 曹群生, 石佳宁, 等. 光敏开关器件微波传输特性的研究与分析[J]. 微波学报, 2022, 38(4): 58-62.

DU Z L, CAO Q S, SHI J N, et al. Study and analysis of microwave transmission characteristics of photosensitive switching devices [J]. Journal of Microwaves, 2022, 38(4): 58-62.

1. 张 丽, 刘太君, 叶 焱, 等. 一种用于氮化镓晶体管建模的TRL校准方法[J]. 微波学报, 2022, 38(4): 63-66.

ZHANG L, LIU T J, YE Y, et al. A TRL calibration method for GaN transistor modeling [J]. Journal of Microwaves, 2022, 38(4): 63-66.

1. 甘亮羽, 周 洲, 石春琦, 等. 基于24 GHz FMCW雷达的二维近场成像系统[J]. 微波学报, 2022, 38(4): 67-73.

GAN L Y, ZHOU Z, SHI C Q, et al. 2D Near-field imaging system for 24 GHz frequency modulated continuous wave radar [J]. Journal of Microwaves, 2022, 38(4): 67-73.

1. 韩雪云, 周应平, 李肖松, 等. 基于微带贴片天线的微流控传感器研究[J]. 微波学报, 2022, 38(4): 74-75.

HAN X Y, ZHOU Y P, LI X S, et al. Research on microfluidic sensor based on microstrip patch antenna [J]. Journal of Microwaves, 2022, 38(4): 74-75.

1. 王浩宇, 刘宏立, 马子骥, 等. 基于整体编码遗传算法的探地雷达全波形反演[J]. 微波学报, 2022, 38(4): 76-81.

WANG H Y, LIU H L, MA Z J, et al. GPR full waveform inversion based on overall coding genetic algorithm [J]. Journal of Microwaves, 2022, 38(4): 76-81.

1. 夏雨人, 薛严冰, 冯 冲, 等. 纸基PVA无芯片RFID湿度传感器[J]. 微波学报, 2022, 38(4): 82-87.

XIA Y R, XUE Y B, FENG C, et al. Paper-based PVA chipless RFID humidity sensor [J]. Journal of Microwaves, 2022, 38(4): 82-87.

1. 邵 鑫, 黄晓红, 戚子羿, 等. 基于改进SO-CFAR和ACA-VMD算法的雷达生命体征检测[J]. 微波学报, 2022, 38(4): 88-94.

SHAO X, HUANG X H, QI Z Y, et al. Radar vital signs detection based on improved SO-CFAR and ACA-VMD algorithms [J]. Journal of Microwaves, 2022, 38(4): 88-94.

1. 胡 焱, 伍启燕, 雷 霞. 复杂地形中的电波传播损耗预测研究[J]. 微波学报, 2022, 38(4): 95-100.

HU Y, WU Q Y, LEI X. Research on propagation loss prediction of radio wave in complex terrain [J]. Journal of Microwaves, 2022, 38(4): 95-100.

**2022年第5期：**

1. 唐晓斌. 多功能射频综合系统中的电磁协同[J]. 微波学报, 2022, 38(5): 1-6.

TANG X B. Electromagnetic Synergy in Multifunctional RF Integrated System [J]. Journal of Microwaves, 2022, 38(5): 1-6.

1. 车文荃, 杨琬琛, 谷礼政, 等. 基于超表面的天线多波束偏转技术研究[J]. 微波学报, 2022, 38(5): 7-14.

CHE W Q, YANG W C, GU L Z, et al. Researches on multi-beam antennas based on metasurface [J]. Journal of Microwaves, 2022, 38(5): 7-14.

1. 胡明春. 空基平台一体化阵列天线技术综述[J]. 微波学报, 2022, 38(5): 15-21.

HU M C. A review of platform-adapting array antennas for air-based applications [J]. Journal of Microwaves, 2022, 38(5): 15-21.

1. 焦永昌, 张依轩, 朱明达, 等. 基于计算电磁学的一维线阵快速近场测量方法[J]. 微波学报, 2022, 38(5): 22-28.

JIAO Y C, ZHANG Y X, ZHU M D, et al. Fast near-field measurement methods for one-dimensional linear arrays based on computational electromagnetics [J]. Journal of Microwaves, 2022, 38(5): 22-28.

1. 吴春邦, 刘 虎, 李 岩. 一种低成本星载宽角扫描相控阵天线设计[J]. 微波学报, 2022, 38(5): 29-32.

WU C B, LIU H, LI Y. Design of a low-cost space-borne phased array antenna with wide-angle scanning property [J]. Journal of Microwaves, 2022, 38(5): 29-32.

1. 李晓峰, 王玉春, 邹雯婧. 微波真空电子器件的发展与应用[J]. 微波学报, 2022, 38(5): 33-38.

LI X F, WANG Y C, ZOU W J. Developments and applications of the micro-wave vacuum electronic devices [J]. Journal of Microwaves, 2022, 38(5): 33-38.

1. 刘濮鲲，殷立征. 基于结构诱导人工表面等离激元的宽带低耦合电路[J]. 微波学报, 2022, 38(5): 39-45.

LIU P K, YIN L Z. Broadband low-coupling circuit based on structure-induced spoof surface plasmon [J]. Journal of Microwaves, 2022, 38(5): 39-45.

1. 孔月婵, 李海波, 马琨傑, 等. 微波光子异质/异构集成技术[J]. 微波学报, 2022, 38(5): 46-53.

KONG Y C, LI H B, MA K J, et al. Heterogeneous integration technologies of microwave photonics [J]. Journal of Microwaves, 2022, 38(5): 46-53.

1. 潘时龙, 刘世锋, 朱 丹, 等. 基于光电振荡器的低相噪光生微波技术及其应用[J]. 微波学报, 2022, 38(5): 54-60.

PAN S L, LIU S F, ZHU D, et al. Low-phase-noise microwave signal generation based on optoelectronic oscillators and its application [J]. Journal of Microwaves, 2022, 38(5): 54-60.

1. 刘 英, 朱嘉琦, 张晓曦, 等. 终端近场通信天线研究[J]. 微波学报, 2022, 38(5): 61-64.

LIU Y, ZHU J Q, ZHANG X X, et al. Research on NFC antenna for mobile terminal applications [J]. Journal of Microwaves, 2022, 38(5): 61-64.

1. 孙 磊, 高 晖, 于大群, 等. 微波光子技术在雷达相控阵中的应用分析与展望[J]. 微波学报, 2022, 38(5): 65-72.

SUN L, GAO H, YU D Q, et al. Analysis and prospects of the engineering application of microwave photonics technique in radar phased array [J]. Journal of Microwaves, 2022, 38(5): 65-72.

1. 吴 文, 宗志园, 方大纲. 频率选择表面的等效电路设计方法综述[J]. 微波学报, 2022, 38(5): 73-79.

WU W, ZONG Z Y, FANG D G. A review on equivalent circuit design methods for frequency selective surfaces [J]. Journal of Microwaves, 2022, 38(5): 73-79.

1. 郝张成, 吴逸文, 郭子均, 等. 微波毫米波平面共口径天线[J]. 微波学报, 2022, 38(5): 80-90.

HAO Z C, WU Y W, GUO Z J, et al. Microwave and millimeter-wave planar shared-aperture antenna [J]. Journal of Microwaves, 2022, 38(5): 80-90.

1. 周 亮, 黄银山, 杨 晓, 等. 毫米波三维异质异构集成技术的进展与应用[J]. 微波学报, 2022, 38(5): 91-98.

ZHOU L, HUANG Y S, YANG X, et al. Recent progress and applications of millimeter wave 3-d heterogeneous integration technology [J]. Journal of Microwaves, 2022, 38(5): 91-98.

**2022年第6期：**

1. 虎 宁, 查 淞, 刘晨曦, 等. 一种双频能量选择表面的设计[J]. 微波学报, 2022, 38(6): 1-5.

HU N, ZHA S, LIU C X, et al. Design of a dual-band energy selective surface [J]. Journal of Microwaves, 2022, 38(6): 1-5.

1. 张伟泉, 李 越, 张志军. 一种紧凑的准各向同性天线[J]. 微波学报, 2022, 38(6): 6-9.

ZHANG W Q, LI Y, ZHANG Z J. A compact quasi-isotropic antenna [J]. Journal of Microwaves, 2022, 38(6): 6-9.

1. 赵 晖, 刘才瑞, 薛 晟, 等. L频段星载相控阵天线设计与实现[J]. 微波学报, 2022, 38(6): 10-13.

ZHAO H, LIU C R, XUE S, et al. Design and implementation of a spaceborne L-band phased array antenna [J]. Journal of Microwaves, 2022, 38(6): 10-13.

1. 王晶琦, 曾 欢, 陶 詹, 等. 一种基于OCDM的新型雷达通信一体化系统[J]. 微波学报, 2022, 38(6): 14-18.

WANG J Q, ZENG H, TAO Z, et al. A new radar-communication integrated system based on OCDM [J]. Journal of Microwaves, 2022, 38(6): 14-18.

1. 徐 强, 陈 鹏, 任永达, 等. 一种加载铁氧体磁环的高功率宽带巴伦[J]. 微波学报, 2022, 38(6): 19-22.

XU Q, CHEN P, REN Y D, et al. A high power broadband Balun loaded with ferrite beads [J]. Journal of Microwaves, 2022, 38(6): 19-22.

1. 黄钰婷, 黄正伟, 程 勇, 等. 一种全容性耦合直线型介质波导滤波器的设计[J]. 微波学报, 2022, 38(6): 23-25.

HUANG Y T, HUANG Z W, CHENG Y, et al. Design of a full capacitive coupled linear dielectric waveguide filter [J]. Journal of Microwaves, 2022, 38(6): 23-25.

1. 王 晨, 彭 麟, 廖 欣. 一种宽1dB增益带宽全介质Fresnel透镜天线[J]. 微波学报, 2022, 38(6): 26-30.

WANG C, PENG L, LIAO X. An all-dielectric Fresnel lens antenna with 1 dB gain wide bandwidth [J]. Journal of Microwaves, 2022, 38(6): 26-30.

1. 黄晓红, 崔胜港, 琚泽东, 等. 基于曲线拟合的毫米波雷达安装角度校准方法[J]. 微波学报, 2022, 38(6): 31-36.

HUANG X H, CUI S G, JU Z D, et al. Mount angle calibration method of millimeter wave radar based on curve fitting [J]. Journal of Microwaves, 2022, 38(6): 31-36.

1. 田 丰, 霍雨佳, 符渭波. 交通监测毫米波雷达数据预处理方法研究[J]. 微波学报, 2022, 38(6): 37-42.

TIAN F, HUO Y J, FU W B. Research of data pre-processing method for traffic monitoring millimeter-wave radar [J]. Journal of Microwaves, 2022, 38(6): 37-42.

1. 田 雪, 王 斌, 梁景瑞. 基于改进麻雀搜索算法的稀布线阵综合方法[J]. 微波学报, 2022, 38(6): 43-51.

TIAN X, WANG B, LIANG J R. A synthetic method of sparse linear array based on improved sparrow search algorithm [J]. Journal of Microwaves, 2022, 38(6): 43-51.

1. 杨芾藜, 郑 可, 程颖瑛. 结构型多尺度超材料吸波体的设计与研究[J]. 微波学报, 2022, 38(6): 52-57.

YANG F L, ZHENG K, CHENG Y Y. Design and study of structural multi-scale metamaterial absorbers [J]. Journal of Microwaves, 2022, 38(6): 52-57.

1. 薛晓波. 一种自带端口焊盘的半开放式表贴微带隔离器[J]. 微波学报, 2022, 38(6): 58-60.

XUE X B. A semi-open surface mounted microstrip isolator with self-contained welding pads at each port [J]. Journal of Microwaves, 2022, 38(6): 58-60.

1. 苗德华, 刘太君, 胡克佳, 等. 5G功放DPD的FPGA宽带实现及自动优化[J]. 微波学报, 2022, 38(6): 61-66.

MIAO D H, LIU T J, HU K J, et al. FPGA wideband implementation and automatic optimization of DPD for 5G power amplifiers [J]. Journal of Microwaves, 2022, 38(6): 61-66.

1. 夏 达, 蔡晓波, 孙引进. GaN功率器件调制电路在T/R组件中的设计与应用[J]. 微波学报, 2022, 38(6): 67-70.

XIA D, CAI X B, SUN Y J. Design and application of GaN power device modulation circuit in T/R Module [J]. Journal of Microwaves, 2022, 38(6): 67-70.

1. 李萌萌, 窦江玲, 沈 韬. 宽阻带小型化双频带通滤波器[J]. 微波学报, 2022, 38(6): 71-73.

LI M M, DOU H L, SHEN T. Miniaturised dual-band bandpass filter with wide stopband [J]. Journal of Microwaves, 2022, 38(6): 71-73.

1. 费 莉, 彭 洪, 王 玮, 等. 基于功率反射法的E型可重构功分器[J]. 微波学报, 2022, 38(6): 74-77.

FEI L, PENG H, WANG W, et al. E-type reconfigurable power divider based on power reflection method [J]. Journal of Microwaves, 2022, 38(6): 74-77.

1. 刘 舟, 张云峰, 赵晨龙. 用MCP方程求解雷电分支通道辐射电磁场[J]. 微波学报, 2022, 38(6): 78-83.

LIU Z, ZHANG Y F, ZHAO C L. Solving radiated EM field of lightning branch channel by MCP Equation [J]. Journal of Microwaves, 2022, 38(6): 78-83.

1. 李 雁, 卢晓鹏, 吕欢欢, 等. 缝隙波导谐振阵最大带宽分析方法研究[J]. 微波学报, 2022, 38(6): 84-89.

LI Y, LU X P, LV X X, et al. Research on maximum bandwidth analysis method of slotted waveguide resonant array [J]. Journal of Microwaves, 2022, 38(6): 84-89.

1. 方 俊, 叶 焱, 苏日娜, 等. 用于5G RF PA线性化的多频段通用数字预失真器[J]. 微波学报, 2022, 38(6): 90-94.

FANG J, YE Y, SU R N, et al. A multi-band universal digital pre-distorter for linearizing 5 G RF power amplifier [J]. Journal of Microwaves, 2022, 38(6): 90-94.

1. 赵雨辰, 豆建华, 田 浩, 等. 多层混合填充吸波材料的三目标粒子群优化[J]. 微波学报, 2022, 38(6): 95-99.

ZHAO Y C, DOU J H, TIAN H, et al. Tri-objective design of multi-layer hybrid-filled microwave absorbing materials based on particle swarm optimization [J]. Journal of Microwaves, 2022, 38(6): 95-99.