

Title	Authors
Optical Dynamic Resource Allocation Based on Weighted Expected Spectral Efficiency	A. Nor
Data Processing Method for Deterioration Detection During Radio Equipment Operation	O. Solomentsev; M. Zalisky; T. Herasymenko; Y. Petrova
Signal Waveform Impact on Efficiency of Low Power Harvesting Devices in WSN	J. Eidaks; A. Litvinenko; A. Aboltins; D. Pikulins
Waveforms Impact on Performance of Prefabricated Energy Harvesting Device	S. Tjukovs; A. Litvinenko; D. Pikulins; A. Aboltins; J. Eidaks
High Gain UWB Double Slot Antipodal Vivaldi Antenna Design for GPR Applications	S. Karamzadeh; B. Awad
Time Compression in Asymmetrically Clipped OFDM for Bandwidth Efficiency	U. Choudhary; V. Janyani
Design and Simulation Study of Wraparound Couplers for Gyrotron Travelling Wave Amplifiers	A. Singh
Designing Efficient Bilinear Bicomplex Orthogonal Digital Filters	Z. Valkova-Jarvis; V. Stoynov; D. Mihaylova
Security Embedded Offloading Requirements for IoT-Fog Paradigm	S. u. Jamil; M. A. Khan; M. Ali
Wideband Perfect Absorption Polarization Insensitive Reconfigurable Graphene Metasurface for THz Wireless Environment	S. Dash; C. Liaskos; I. Akyildiz; A. Pitsillides
Frequency Selective Surface Using the Metamaterial Property of the U-Shaped Strip	M. Al-Atrakchii; K. Sayidmarie; R. Abd-Alhameed
PROPHET Using Optimal Path Hops (PROPHET-OPH)	S. Sati; T. Abulifa; A. Sohoub
Microwave Devices with Graphene Layers: A Review	V. Šlegerytė; D. Belova-Plonienė; A. Katkevičius; D. Plonis
Applications and Design Methods of Meander-Type Structures: A Review	D. Belova-Plonienė; V. Šlegerytė; D. Plonis; A. Katkevičius
Frequency Reconfigurable Antenna Using Double Phase-Shifted Feed	H. Barba Molina; J. Chafra Altamirano; D. Nicolalde Rodríguez; V. Ati Sarango; G. Herrera Tonato; D. Navarro-Méndez
Adaptive Path Planning in Three-Dimensional Wireless Sensor Networks for Micro Aerial Vehicle - Assisted Localization	A. Rubina; D. Gegolli; A. Mitschele-Thiel
Mechanically Tunable Coupled Resonator Waveguide Bandpass Filter	K. Kımsis; J. Semenjako; Y. Shestopalov
Performance Analysis of Hierarchical Decision Aided 2-Source BPSK H-MAC CSE with Feed-Back Gradient Solver for WPNC Networks	P. Hron; J. Sykora
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BER Performance of Wireless-Powered Dual-Hop AF Relaying	M. Babaei; U. Aygölü; L. Durak-Ata
Numerical Experiments with Open Source Programs for Antenna Design	A. Fedeli; G. L. Gragnani; C. Montecucco
Wide Angle Simple Rectangular Patch Frequency Scanning Antenna in X-Band Application	S. Karamzadeh; V. Rafiei
Multi-Channel Chaotic Communication System	R. Voliansky; N. Volianska; O. Sadovoi
Dual Band Microwave Power Amplifier Design via Real Frequency Technique with Employing Frequency Transformation	S. Yildiz; S. Kilinc; A. Aksen; S. Yarman
Effective Localization of Multiple Targets Using Maximum Likelihood	Y. Munir; M. Hayat; M. Fakirah
Scaling Laws for Simple User Selection Algorithm in MIMO Broadcast Channels	M. A. Khan
Location Accuracy of Radio Emission Sources for Beamforming in Ultra-Dense Radio Networks	G. Fokin; V. Lazarev
Design of a Miniaturized Blade Antenna in V/UHF Frequencies Using Characteristic Mode Analysis	F. Molaee-Ghaleh; K. Mohammadpour-Aghdam
A Triple Band Filter Design for the Commercial Bands Using Triple Band Frequency Mapping Technique	S. Yildiz; A. Aksen; S. Kilinc; B. S. Yarman
Inductor-less Low-Noise CMOS Transimpedance Amplifier for OTDR Applications	A. Romanova; V. Barzdėnas
Advanced Chaotic Shift Keying Based on Modified Chua Circuit	A. Litvinenko; A. Aboltins; D. Pikulins; A. Ahrens; F. Capligins; J. Eidaks