

Qingfeng Zhang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Wideband and Aperture-Efficient Traveling-Wave Endfire Antenna Designs Using the First Higher-Order Transmission Line Mode. IEEE Transactions on Antennas and Propagation, 2022, 70, 960-968. | 5.1 | 4 |
| 2 | A 13.5-Gb/s 140-GHz Silicon Redriver Exploiting Metadevices for Short-Range OOK Communications. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 239-253. | 4.6 | 14 |
| 3 | An Ultrawideband Three-Dimensional Bandpass Frequency Selective Surface. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1238-1242. | 4.0 | 10 |
| 4 | Low-Profile High-Gain Endfire Antenna With Circular Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 7181-7186. | 5.1 | 2 |
| 5 | Cutoff Wavenumber Analyses of Metallic Waveguides Filled With Homogeneous Anisotropic Materials Using the MFCM. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2579-2587. | 4.6 | 3 |
| 6 | Cascaded Dispersive Delay Structure Based on Periodic Glide Symmetric Microstrip Stubs. IEEE Microwave and Wireless Components Letters, 2022, 32, 847-850. | 3.2 | 3 |
| 7 | High-Gain Broadband Millimeter-Wave Multidimensional Metasurface for Generating Two Independent Vortex Waves. IEEE Transactions on Antennas and Propagation, 2022, 70, 8195-8203. | 5.1 | 5 |
| 8 | Subterahertz Filtering Six-Port Junction. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3877-3885. | 4.6 | 3 |
| 9 | Backward-to-Forward Wide-Angle Fast Beam-Scanning Leaky-Wave Antenna With Consistent Gain. IEEE Transactions on Antennas and Propagation, 2021, 69, 2987-2992. | 5.1 | 33 |
| 10 | Simulation of Cylindrical Metasurfaces Using GSTC-MFCM. IEEE Transactions on Antennas and Propagation, 2021, 69, 263-272. | 5.1 | 5 |
| 11 | General Design Technique for High-Gain Traveling-Wave Endfire Antennas Using Periodic Arbitrary-Phase Loading Technique. IEEE Transactions on Antennas and Propagation, 2021, 69, 3094-3105. | 5.1 | 14 |
| 12 | $WR_{1.5}$ ($500\text{--}750\text{ GHz}$) waveguide bandpass filter fabricated using high precision computer numerically controlled machining. Microwave and Optical Technology Letters, 2021, 63, 1160-1164. | 1.4 | 7 |
| 13 | Dual-Band Asymmetric Leaky-Wave Antennas for Circular Polarization and Simultaneous Dual Beam Scanning. IEEE Transactions on Antennas and Propagation, 2021, 69, 1843-1852. | 5.1 | 21 |
| 14 | Millimeter-wave spoof surface plasmon polariton waveguide with uniform-depth transition for liquid material detection. Journal Physics D: Applied Physics, 2021, 54, 135301. | 2.8 | 1 |
| 15 | An ultra-wideband out-of-phase power divider based on odd-mode spoof surface plasmon polariton. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22583. | 1.2 | 8 |
| 16 | A narrow-band circularly polarized leaky-wave antenna with open stopband suppressed. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22647. | 1.2 | 7 |
| 17 | 2-D Near-Field Sensing Technique Using Single-Port Coupled-Resonator Probe Arrays. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2722-2729. | 4.6 | 4 |
| 18 | Wideband and High-Gain D -Band Antennas for Next-Generation Short-Distance Wireless Communication Chips. IEEE Transactions on Antennas and Propagation, 2021, 69, 3700-3708. | 5.1 | 14 |

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|----|--|-----|-----------|
| 19 | Compact and Narrow-Band Bandpass Filter Using Spoof Surface Plasmon Polaritons. IEEE Photonics Technology Letters, 2021, 33, 676-679. | 2.5 | 17 |
| 20 | Single-Shot Frequency-Diverse Near-Field Imaging Using High-Scanning-Rate Leaky-Wave Antenna. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3399-3412. | 4.6 | 25 |
| 21 | Ring-Shaped D -Band E -Plane Filtering Coupler. IEEE Microwave and Wireless Components Letters, 2021, 31, 953-956. | 3.2 | 9 |
| 22 | Modes analyses of cylindrical waveguides using the MFCM. Electronics Letters, 2021, 57, 980-982. | 1.0 | 4 |
| 23 | A Compact Full-Space Scanning Leaky-Wave Antenna With Stable Peak Gain. IEEE Transactions on Antennas and Propagation, 2021, 69, 6924-6929. | 5.1 | 14 |
| 24 | E -Plane Waveguide Filtering Six-Port Junction. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5360-5370. | 4.6 | 4 |
| 25 | High-Scanning-Rate Leaky-Wave Antenna Based on Slotted SIW at Millimeter-Wave Frequency. , 2021, , . | | 0 |
| 26 | Full-Space Scanning Leaky-Wave Antenna Based on High-Permittivity Ceramic. , 2021, , . | | 0 |
| 27 | Design of Millimeter-Wave MIMO Endfire Antenna Array for 5G Communication. , 2021, , . | | 0 |
| 28 | Design of 180° -Scanning Leaky-Wave Antenna at Sub-6 GHz Band. , 2021, , . | | 0 |
| 29 | Low-Cost Terahertz Three-Dimensional Frequency Selective Structure: Efficient Analysis and Characterization. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 1-8. | 3.1 | 12 |
| 30 | 1-D Frequency-Diverse Single-Shot Guided-Wave Imaging Using Surface-Wave Goubau Line. IEEE Transactions on Antennas and Propagation, 2020, 68, 3194-3206. | 5.1 | 10 |
| 31 | High-Scanning-Rate and Wide-Angle Leaky-Wave Antennas Based on Glide-Symmetry Goubau Line. IEEE Transactions on Antennas and Propagation, 2020, 68, 2531-2540. | 5.1 | 71 |
| 32 | A Low-Cost Terahertz Frequency Selective Structure. , 2020, , . | | 0 |
| 33 | Frequency-Diverse Near-Field Sensing Using Multiple Coupled-Resonator Probes. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4455-4465. | 4.6 | 9 |
| 34 | Spoof Surface Plasmon-Based Single-Shot Super-Resolution Compressive Imaging. IEEE Transactions on Plasma Science, 2020, 48, 2742-2750. | 1.3 | 3 |
| 35 | Electromagnetic Simulation of 2.5-Dimensional Cylindrical Metasurfaces With Arbitrary Shapes Using GSTC-MFCM. IEEE Access, 2020, 8, 142101-142110. | 4.2 | 4 |
| 36 | 45° Linearly Polarized and Circularly Polarized High-Scanning-Rate Leaky-Wave Antennas Based on Slotted Substrate Integrated Waveguide. IEEE Access, 2020, 8, 82162-82172. | 4.2 | 24 |

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| 37 | Design of High-Gain and Small-Aperture Endfire Antenna Using a Phase-Reversal Technique. IEEE Transactions on Antennas and Propagation, 2020, 68, 5142-5150. | 5.1 | 24 |
| 38 | Metasurface-Based Spatial Phasers for Analogue Signal Processing. Advanced Optical Materials, 2020, 8, 2000128. | 7.3 | 12 |
| 39 | Three-Dimensional Scattering From Uniaxial Objects With a Smooth Boundary Using a Multiple Infinitesimal Dipole Method. IEEE Access, 2020, 8, 80842-80854. | 4.2 | 7 |
| 40 | Super-Resolution of Discrete Point Faults in Transmission Lines. IEEE Transactions on Antennas and Propagation, 2020, 68, 3111-3123. | 5.1 | 3 |
| 41 | A Wide-Angle Narrowband Leaky-Wave Antenna Based on Substrate Integrated Waveguide-Spoof Surface Plasmon Polariton Structure. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1386-1389. | 4.0 | 72 |
| 42 | Analysis of Asymmetrically Corrugated Goubau-Line Antenna for Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2019, 67, 7133-7138. | 5.1 | 25 |
| 43 | Goubau line based endfire antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e22008. | 1.2 | 2 |
| 44 | A Compact, Uniplanar Vivaldi Antenna with an Embedded CPW Feed. , 2019, , . | | 1 |
| 45 | A Broadband Metamaterial Polarization Converter Based on Split Ring Resonators. , 2019, , . | | 6 |
| 46 | A Band-Pass Filter Based on Half-Mode Substrate Integrated Waveguide and Spoof Surface Plasmon Polaritons. Scientific Reports, 2019, 9, 13429. | 3.3 | 13 |
| 47 | Dual-Band and Dual-Polarized Leaky-Wave Antenna Based on Slotted SIW. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 507-511. | 4.0 | 44 |
| 48 | High Scanning-Rate Leaky-Wave Antenna Using Complementary Microstrip-Slot Stubs. IEEE Transactions on Antennas and Propagation, 2019, 67, 2913-2922. | 5.1 | 41 |
| 49 | Single-Layer Fixed-Frequency Beam-Scanning Goubau-Line Antenna Using Switched PIN Diodes. IEEE Microwave and Wireless Components Letters, 2019, 29, 430-432. | 3.2 | 8 |
| 50 | Design and Analysis of S -Band On-Chip Modulator and Signal Source Based on Split-Ring Resonator. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 1513-1526. | 3.1 | 8 |
| 51 | Design Wideband Differential Bandpass Filter Using Slotline Surface Plasmon Polaritons. IEEE Access, 2019, 7, 44212-44218. | 4.2 | 23 |
| 52 | A Novel Low-Cost Frequency Selective Structure for Millimetre-Wave and Terahertz Applications. , 2019, , . | | 2 |
| 53 | High Scanning Rate Circularly Polarized Leaky-wave Antennas Based on Allpass Filtering Network. , 2019, , . | | 2 |
| 54 | Design of a Sixth-Order Switchable Superconducting Balanced Filter Using Asymmetric Coupled SIRs. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5. | 1.7 | 4 |

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| 55 | All Passive Realization of Lossy Coupling Matrices Using Resistive Decomposition Technique. IEEE Access, 2019, 7, 5095-5105. | 4.2 | 5 |
| 56 | Low-Loss Spoof Surface Plasmon Polariton Based on Folded Substrate Integrated Waveguide. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 222-225. | 4.0 | 22 |
| 57 | Miniaturized Multiband HTS Bandpass Filter Design Using a Single-Perturbed Multimode Resonator With Multitransmission Zeros. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5. | 1.7 | 2 |
| 58 | Lossy Coupling Matrix Synthesis Approach for the Realization of Negative Group Delay Response. IEEE Access, 2018, 6, 1916-1926. | 4.2 | 25 |
| 59 | Massive MIMO Uplink Scheme Design and System-Level Performance Analysis. IEEE Access, 2018, 6, 3212-3230. | 4.2 | 2 |
| 60 | Low-Scattering Tri-Band Metasurface Using Combination of Diffusion, Absorption and Cancellation. IEEE Access, 2018, 6, 17306-17312. | 4.2 | 37 |
| 61 | Simulation framework for touchable communication on NS3Sim. Nano Communication Networks, 2018, 16, 26-36. | 2.9 | 6 |
| 62 | Low-Profile Spoof Surface Plasmon Polaritons Traveling-Wave Antenna for Near-Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 184-187. | 4.0 | 89 |
| 63 | Slow-Wave Half-Mode Substrate Integrated Waveguide Using Spoof Surface Plasmon Polariton Structure. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 2946-2952. | 4.6 | 91 |
| 64 | Avramenko Diode Circuit Topology for Microwave Energy Harvesting in Goubau Line and Wireless Mediums. IEEE Access, 2018, 6, 18883-18893. | 4.2 | 4 |
| 65 | Model analysis of coupled mode leaky-wave antenna for forward and backward frequency scanning. Microwave and Optical Technology Letters, 2018, 60, 1360-1368. | 1.4 | 6 |
| 66 | Compact Ultra-Wideband Antenna with Dual-Band Notch Characteristic. , 2018, , . | | 1 |
| 67 | A Simple High-Efficiency Rectifier for Low Power Harvesting. , 2018, , . | | 0 |
| 68 | Dualband Filter with Loaded Stubs for 5G Application. , 2018, , . | | 0 |
| 69 | Design of Wideband Patch Antenna for Microwave Imaging Systems. , 2018, , . | | 0 |
| 70 | Dualband Filter using Stub-Loaded Resonators. , 2018, , . | | 0 |
| 71 | Single-Side-Scanning Surface Waveguide Leaky-Wave Antenna Using Spoof Surface Plasmon Excitation. IEEE Access, 2018, 6, 66020-66029. | 4.2 | 21 |
| 72 | Computer-Aided Tuning of Highly Lossy Microwave Filters Using Complex Coupling Matrix Decomposition and Extraction. IEEE Access, 2018, 6, 57172-57179. | 4.2 | 3 |

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| 73 | Wireless Power Transfer Using Longitudinally Asymmetrical Leaky-Wave Antenna. , 2018, , . | | 0 |
| 74 | 942 MHz High Efficiency Rectifying Circuit at -20 dBm Input Power. , 2018, , . | | 0 |
| 75 | One-Shot Near-Field Compressive Sensing using Surface-Wave Goubau Line. , 2018, , . | | 0 |
| 76 | Coupling Matrix Synthesis of Flat Negative Group Delay with Zero Back Scattering. , 2018, , . | | 0 |
| 77 | An Optimized Ultrathin and Broadband Metamaterial Absorber Using Slotted Square Loop with Multi Layers. , 2018, , . | | 4 |
| 78 | Design of a Second-Order Microwave Differentiator Based on Modified Ladder Network. , 2018, , . | | 0 |
| 79 | Spoof Surface Plasmon Polaritons (SSPP) for Endfire Radiation. , 2018, , . | | 8 |
| 80 | Scanning-Rate Enhancement of Periodic Leak-Wave Antennas Using Delay Element. , 2018, , . | | 1 |
| 81 | A Reconfigurable Goubau-Line-Based Leaky Wave Antenna. , 2018, , . | | 2 |
| 82 | A hybrid substrate-integrated waveguide and spoof surface plasmon-polariton one-layer dual bandpass filter formed by resonant tunneling effect. Applied Physics Express, 2018, 11, 114101. | 2.4 | 27 |
| 83 | Compact Balanced Bandpass Filter Design Using Asymmetric SIR Pairs and Spoof Surface Plasmon Polariton Feeding Structure. IEEE Microwave and Wireless Components Letters, 2018, 28, 987-989. | 3.2 | 29 |
| 84 | Propagation Channel Modeling for Transient Communication: An Antenna-Dependent Perspective. IEEE Transactions on Antennas and Propagation, 2018, 66, 6225-6232. | 5.1 | 0 |
| 85 | Coupling Matrix Extraction Technique for Auto Tuning of Highly Lossy Filters. , 2018, , . | | 3 |
| 86 | Triple-Mode and Triple-Band Cavity Bandpass Filter on Triplet Topology With Controllable Transmission Zeros. IEEE Access, 2018, 6, 29452-29459. | 4.2 | 14 |
| 87 | Design of bifunctional metasurface based on independent control of transmission and reflection. Optics Express, 2018, 26, 3594. | 3.4 | 44 |
| 88 | High-efficiency circularly polarised leaky-wave antenna fed by spoof surface plasmon polaritons. IET Microwaves, Antennas and Propagation, 2018, 12, 1639-1644. | 1.4 | 51 |
| 89 | Design of broadband multi-layer metamaterial absorber. , 2018, , . | | 7 |
| 90 | Ultra-wideband metamaterial absorber using three-layer ring and patch resonators. , 2018, , . | | 11 |

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| 91 | Coupling matrix sign reversal transformation. , 2018, , . | | 0 |
| 92 | Goubau-Line Leaky-Wave Antenna for Wide-Angle Beam Scanning From Backfire to Endfire. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1571-1574. | 4.0 | 54 |
| 93 | Beam Steering Using Momentum-Reconfigurable Goubau Meta-Line Radiators. Scientific Reports, 2018, 8, 11854. | 3.3 | 7 |
| 94 | Scanning Rate Enhancement of Leaky-Wave Antennas Using Slow-Wave Substrate Integrated Waveguide Structure. IEEE Transactions on Antennas and Propagation, 2018, 66, 3747-3751. | 5.1 | 109 |
| 95 | Symmetry leaky-wave antenna without gain degradation at broadside. , 2018, , . | | 2 |
| 96 | Flexible slot-ring antenna for RF wireless energy harvesting. , 2018, , . | | 3 |
| 97 | Miniaturized probing antenna for near-field microwave imaging. , 2017, , . | | 1 |
| 98 | Design of high efficiency rectifier operating at 2.4 GHz. , 2017, , . | | 2 |
| 99 | Triple-Mode Cavity Bandpass Filter on Doublet With Controllable Transmission Zeros. IEEE Access, 2017, 5, 6969-6977. | 4.2 | 28 |
| 100 | Design of nonreciprocal antenna array. , 2017, , . | | 2 |
| 101 | A compact planar 24GHz quasi-Yagi antenna for unmanned aerial vehicle radar applications. , 2017, , . | | 5 |
| 102 | Rectification circuit design based on single wire energy transmission technology. , 2017, , . | | 1 |
| 103 | Dispersive Feeding Network for Arbitrary Frequency Beam Scanning in Array Antennas. IEEE Transactions on Antennas and Propagation, 2017, 65, 3033-3040. | 5.1 | 11 |
| 104 | Spoof Surface Plasmon Polariton Leaky-Wave Antennas Using Periodically Loaded Patches Above PEC and AMC Ground Planes. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3014-3017. | 4.0 | 105 |
| 105 | Flexible and polarization-controllable diffusion metasurface with optical transparency. Journal Physics D: Applied Physics, 2017, 50, 465102. | 2.8 | 24 |
| 106 | Coupling Matrix Synthesis of Microwave Differentiators. IEEE Microwave and Wireless Components Letters, 2017, 27, 879-881. | 3.2 | 5 |
| 107 | Continuous Beam Steering Through Broadside Using Asymmetrically Modulated Goubau Line Leaky-Wave Antennas. Scientific Reports, 2017, 7, 11685. | 3.3 | 58 |
| 108 | Dual-Band Low-Scattering Metasurface Based on Combination of Diffusion and Absorption. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2606-2609. | 4.0 | 42 |

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| 109 | Pareto ranking bisection algorithm for rapid multi-objective design of antenna structures. , 2017, , . | | 0 |
| 110 | Multi-objective design of miniaturized impedance transformers by domain segmentation. , 2017, , . | | 0 |
| 111 | Hybrid Spoof Surface Plasmon Polariton and Substrate Integrated Waveguide Transmission Line and Its Application in Filter. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4925-4932. | 4.6 | 162 |
| 112 | A Wide-Angle and Circularly Polarized Beam-Scanning Antenna Based on Microstrip Spoof Surface Plasmon Polariton Transmission Line. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2538-2541. | 4.0 | 124 |
| 113 | Open-ended voltage multipliers for wireless transmission of electric power. Journal of Microwave Power and Electromagnetic Energy, 2017, 51, 187-204. | 0.8 | 5 |
| 114 | Random Combinatorial Gradient Metasurface for Broadband, Wide-Angle and Polarization-Independent Diffusion Scattering. Scientific Reports, 2017, 7, 16560. | 3.3 | 25 |
| 115 | Synthesis of lossy coupling matrix for negative group delay filters. , 2017, , . | | 2 |
| 116 | Wireless Energy Harvesting by Direct Voltage Multiplication on Lateral Waves From a Suspended Dielectric Layer. IEEE Access, 2017, 5, 21873-21884. | 4.2 | 8 |
| 117 | Compact bandpass filter based on hybrid spoof surface plasmon and substrate integrated waveguide transmission line. , 2017, , . | | 5 |
| 118 | A large-scale clinical trial of radar-based microwave breast imaging for Asian women: Phase I. , 2017, , . | | 20 |
| 119 | One-Port Coupling Matrix Synthesis for Reflection-Type Devices. IEEE Microwave and Wireless Components Letters, 2017, 27, 1086-1088. | 3.2 | 4 |
| 120 | Tai-Chi-Inspired pancharatnam-berry phase metasurface for dual-band RCS reduction. , 2017, , . | | 4 |
| 121 | A space-time multi-input-multi-output system framework for touchable communication. , 2017, , . | | 0 |
| 122 | Massive MIMO uplink transmission with pilot extension and system-level analysis. , 2017, , . | | 0 |
| 123 | Capacitor-loaded spoof surface plasmon (SSP) for high selectivity filtering applications in millimeter-wave frequency band. , 2017, , . | | 0 |
| 124 | Design of a filtering rectifier for characterizing dielectric properties of an aqueous solution. , 2017, , . | | 0 |
| 125 | General synthesis method for negative group delay response: A filter base approach. , 2017, , . | | 0 |
| 126 | Design of a dispersion-switchable phaser for chirping modulation. , 2017, , . | | 0 |

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| 127 | Zigzag microstrip leaky-wave antenna mimicking wave propagation in metallic waveguides. , 2017, , . | | 1 |
| 128 | Mode analysis of inverted v-shaped microstrip leaky wave antenna. , 2017, , . | | 1 |
| 129 | High scanning-rate periodic leak-wave antennas using complementary microstrip-slotline stubs. , 2017, , . | | 0 |
| 130 | Monitoring blood glucose fluctuation using SIW cavity with a coupling slot. , 2017, , . | | 0 |
| 131 | Synthesis and implementation of superluminal circuits with zero group delay. , 2017, , . | | 0 |
| 132 | Design of a first-order microwave differentiator using modified ladder network. , 2017, , . | | 1 |
| 133 | Spoof surface plasmon (SSP) transmission line transition design using slow-wave coplanar waveguide (S-CPW). , 2017, , . | | 0 |
| 134 | Capacitor-Loaded Spoof Surface Plasmon for Flexible Dispersion Control and High-Selectivity Filtering. IEEE Microwave and Wireless Components Letters, 2017, 27, 806-808. | 3.2 | 34 |
| 135 | A novel compact broadband microstrip fed antenna with wide axial ratio bandwidth. , 2017, , . | | 0 |
| 136 | CAPTURING SURFACE ELECTROMAGNETIC ENERGY INTO A DC THROUGH SINGLE-CONDUCTOR TRANSMISSION LINE AT MICROWAVE FREQUENCIES. Progress in Electromagnetics Research M, 2017, 54, 29-36. | 0.9 | 5 |
| 137 | DESIGN OF SINGLE-BAND TO HEXA-BAND BANDSTOP FILTERS. Progress in Electromagnetics Research C, 2016, 68, 31-44. | 0.9 | 3 |
| 138 | COMPACT TRIPLE-BAND BANDSTOP FILTERS USING EMBEDDED CAPACITORS. Progress in Electromagnetics Research Letters, 2016, 63, 15-21. | 0.7 | 3 |
| 139 | Automatic electromagnetic design for millimeter wave body sensors. , 2016, , . | | 0 |
| 140 | Capturing cosmic rays using surface wave technologies. , 2016, , . | | 1 |
| 141 | Phaser-based feeding network for axial ratio bandwidth enhancement in circularly polarized antennas. , 2016, , . | | 1 |
| 142 | A dual-band embedded inverted T-slot circular microstrip patch antenna. , 2016, , . | | 10 |
| 143 | Propagation channel modeling for transient communication. , 2016, , . | | 1 |
| 144 | Design of broadband low-pass reflective phasers. , 2016, , . | | 0 |

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| 145 | Design of a bandpass differentiator based on network synthesis methods. , 2016, , . | | 2 |
| 146 | Enhanced Bandwidth and Diversity in Real-Time Analog Signal Processing (R-ASP) Using Nonuniform C-Section Phasers. IEEE Microwave and Wireless Components Letters, 2016, 26, 663-665. | 3.2 | 14 |
| 147 | A novel SIW dual-band bandpass filter on a double-layer substrate using loaded posts. Microwave and Optical Technology Letters, 2016, 58, 155-158. | 1.4 | 10 |
| 148 | Integrated GSM and UWB fractal monopole antenna with triple notches. Microwave and Optical Technology Letters, 2016, 58, 2364-2366. | 1.4 | 8 |
| 149 | A novel miniature spiral sensor for non-invasive blood glucose monitoring. , 2016, , . | | 1 |
| 150 | Frequency-division technique for simultaneous wireless power transfer to two receivers. , 2016, , . | | 1 |
| 151 | Ring-circled mono-cone antenna for wireless body area network applications. , 2016, , . | | 0 |
| 152 | On low-cost space mapping optimization of antenna structures. , 2016, , . | | 1 |
| 153 | Expedited EM-driven design optimization of compact dual-band microwave couplers using adaptive response scaling. , 2016, , . | | 0 |
| 154 | A multi-band fractal antenna for RF energy harvesting. , 2016, , . | | 3 |
| 155 | Shunt-Stub and Stepped-Impedance Broadband Reflective Phasers. IEEE Microwave and Wireless Components Letters, 2016, 26, 807-809. | 3.2 | 10 |
| 156 | General condition for ladder network prototype with equal terminations. Microwave and Optical Technology Letters, 2016, 58, 2833-2836. | 1.4 | 0 |
| 157 | Fresnel-Zones-Patterned Nanoparticles as Fluorophore for Tracking of Message Carriers in Touchable Molecular Communication. , 2015, , . | | 0 |
| 158 | Diplexer with high isolation using multi-order resonances. , 2015, , . | | 1 |
| 159 | L-shaped shorted-end probe fed broadband slot antenna and its dual-polarized array for LTE applications. , 2015, , . | | 0 |
| 160 | Quad-band polarization independent ultra-thin microwave absorber using metamaterial. , 2015, , . | | 0 |
| 161 | LTE Technology: Antenna, RF Front-Ends, and Channel Modeling. International Journal of Antennas and Propagation, 2015, 2015, 1-2. | 1.2 | 0 |
| 162 | Characterizing Physically Transient Antennas. IEEE Transactions on Antennas and Propagation, 2015, 63, 2421-2429. | 5.1 | 6 |

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| 163 | Single-Step Tunable Group Delay Phaser for Spectrum Sniffing. IEEE Microwave and Wireless Components Letters, 2015, 25, 808-810. | 3.2 | 11 |
| 164 | Statistical characterization of physically transient antennas. , 2015, , . | | 0 |
| 165 | Compact Reflection-Type Phaser Using Quarter-Wavelength Transmission Line Resonators. IEEE Microwave and Wireless Components Letters, 2015, 25, 391-393. | 3.2 | 15 |
| 166 | Generalized Coupled-Line All-Pass Phasers. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1007-1018. | 4.6 | 26 |
| 167 | A stochastic geometry based performance analysis framework for massive MIMO systems with data-assisted uplink detection scheme. , 2015, , . | | 3 |
| 168 | Synthesis of nonreciprocal lossless two-port networks using coupling matrix techniques. , 2015, , . | | 0 |
| 169 | Phaser-based feeding network for uniformly scanning antenna arrays. , 2015, , . | | 5 |
| 170 | Coupling Matrix Synthesis of Nonreciprocal Lossless Two-Port Networks Using Gytrators and Inverters. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2782-2792. | 4.6 | 52 |
| 171 | A Novel Planar Parasitic Array Antenna With Frequency- and Pattern-Reconfigurable Characteristics. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1569-1572. | 4.0 | 37 |
| 172 | Data-Assisted Massive MIMO Uplink Transmission with Large Backhaul Cooperation Delay: Scheme Design and System-Level Analysis. , 2014, , . | | 0 |
| 173 | Hybrid cascade coupled line phasers for high resolution radio analog signal processing. Microwave and Optical Technology Letters, 2014, 56, 2502-2504. | 1.4 | 2 |
| 174 | System architecture and simulation methodology of a multi-scale drug delivery platform using transient microbots. , 2014, , . | | 3 |
| 175 | Synthesis of broadband dispersive delay structures formed by commensurate C- and D-sections. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 322-331. | 1.2 | 9 |
| 176 | Non-uniform C-section phasers for enhanced design flexibility in Radio Analog Signal Processing. , 2014, , . | | 5 |
| 177 | Enhanced-SNR Impulse Radio Transceiver Based on Phasers. IEEE Microwave and Wireless Components Letters, 2014, 24, 778-780. | 3.2 | 20 |
| 178 | Synthesis of phasers for real-time analog signal processing. , 2014, , . | | 0 |
| 179 | All-pass dispersion synthesis using microwave C sections. International Journal of Circuit Theory and Applications, 2014, 42, 1228-1245. | 2.0 | 26 |
| 180 | Power Divider with Arbitrary Power Ratio and Arbitrary Ripple Level Using Filter Synthesis Techniques. Microwave and Optical Technology Letters, 2013, 55, 1819-1820. | 1.4 | 3 |

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