

# 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	$\langle \text{WR} \rangle \sim 1.5$ ( $\langle \text{WR} \rangle \sim 500 \sim 750$ 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 $\langle D \rangle$ -Band Antennas for Next-Generation Short-Distance Wireless Communication Chips. IEEE Transactions on Antennas and Propagation, 2021, 69, 3700-3708.	5.1	14

#	ARTICLE	IF	CITATIONS
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 $180^\circ$ -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	$45^\circ$ 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 $\text{DSB}$ -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

#	ARTICLE	IF	CITATIONS
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

#	ARTICLE	IF	CITATIONS
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

#	ARTICLE	IF	CITATIONS
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	Hybridâ€œcascade coupledâ€œline phasers for highâ€œresolution radioâ€œanalog 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	Allâ€œpass dispersion synthesis using microwave Câ€œsections. 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

#	ARTICLE	IF	CITATIONS
181	Analog Signal Processing: A Possible Alternative or Complement to Dominantly Digital Radio Schemes. IEEE Microwave Magazine, 2013, 14, 87-103.	0.8	143
182	Alternative Construction of the Coupling Matrix of Filters With Non-Paraconjugate Transmission Zeros. IEEE Microwave and Wireless Components Letters, 2013, 23, 509-511.	3.2	6
183	Design of Dispersive Delay Structures (DDSs) Formed by Coupled C-Sections Using Predistortion With Space Mapping. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4040-4051.	4.6	13
184	Synthesis of Cross-Coupled Reduced-Order Dispersive Delay Structures (DDSs) With Arbitrary Group Delay and Controlled Magnitude. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1043-1052.	4.6	52
185	Design of cross-coupled dispersive delay structures (DDSs) for analog signal processing. , 2013, , .		0
186	Wave-Interference Explanation of Group-Delay Dispersion in Resonators [Education Column]. IEEE Antennas and Propagation Magazine, 2013, 55, 212-227.	1.4	15
187	Comments on "Theoretical Analysis and Practical Considerations for the Integrated Time-Stretching System Using Dispersive Delay Line (DDL)". IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1973-1973.	4.6	3
188	Comparison of transmission and reflection all-pass phasers for analogue signal processing. Electronics Letters, 2013, 49, 903-905.	1.0	10
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190	Synthesis of Narrowband Reflection-Type Phasers With Arbitrary Prescribed Group Delay. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2394-2402.	4.6	58
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