

# Peng Wu

## List of Publications by Year in descending order

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402  
papers

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citations

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405  
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405  
docs citations

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times ranked

4758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Balanced Dielectric Resonator Filters With Multiple Reconfigurable Passbands. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 180-189.	2.9	10
2	Bandpass Filter With Ultra-Wide Upper Stopband on GaAs IPD Technology. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 389-393.	2.2	7
3	Miniaturized Wideband Metasurface Antennas Using Cross-Layer Capacitive Loading. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 19-23.	2.4	15
4	A Broadband Low-Profile Transmitarray Antenna by Using Differentially Driven Transmission Polarizer With True-Time Delay. IEEE Transactions on Antennas and Propagation, 2022, 70, 1529-1534.	3.1	20
5	Compact Shared-Aperture Dual-Band Dual-Polarized Array Using Filtering Slot Antenna and Dual-Function Metasurface. IEEE Transactions on Antennas and Propagation, 2022, 70, 1120-1131.	3.1	22
6	Phase Shift Techniques for Improving Varactor-Less QVCO Based on Rotated-Phase-Tuning. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 279-283.	2.2	3
7	A 28 GHz GaN HEMT quasi-circulator with high isolation and high power-handling capability. Microwave and Optical Technology Letters, 2022, 64, 72-76.	0.9	1
8	Study of Single- and Dual-Frequency Microwave Ablation Antennas Based on Shorted Helical Slot. IEEE Transactions on Antennas and Propagation, 2022, 70, 598-606.	3.1	5
9	A Divide-by-Three ILFD With Second Harmonic Enhancement. IEEE Microwave and Wireless Components Letters, 2022, 32, 49-51.	2.0	2
10	A Dual-Band Tunable Balanced Filter With Independently Tuning Bands. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2076-2080.	2.2	1
11	Broadband Dual-Polarized Differential-Fed Filtering Antenna Array for 5G Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 1989-1998.	3.1	31
12	Cyclic olefin copolymer-based copper clad laminate and the application for low loss broadband baluns. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22956.	0.8	2
13	A 7.2-27.3 GHz CMOS LNA With 3.51 $\pm$ 0.21 dB Noise Figure Using Multistage Noise Matching Technique. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 74-84.	2.9	21
14	An Improved NRW Method for Thin Material Characterization Using Dielectric Filled Waveguide and Numerical Compensation. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	2.4	9
15	Novel Decoupling Method Based on Coupling Energy Cancellation and its Application in 5G Dual-Polarized High-Isolation Antenna Array. IEEE Transactions on Antennas and Propagation, 2022, 70, 2686-2697.	3.1	10
16	Dual-Band Antenna Hybridizing Folded Transmitarray and Folded Reflectarray. IEEE Transactions on Antennas and Propagation, 2022, 70, 3070-3075.	3.1	19
17	Dual-Band Aperture-Shared High Gain Antenna for Millimeter-Wave Multi-Beam and Sub-6 GHz Communication Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 4848-4853.	3.1	14
18	Aperture-Shared Dual-Band Antennas With Partially Reflecting Surfaces for Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 3195-3207.	3.1	19

#	ARTICLE	IF	CITATIONS
19	Implementation of cyclic olefin copolymer-based microwave circuit and the performance comparison. Microwave and Optical Technology Letters, 2022, 64, 515-519.	0.9	1
20	Odd-Element Half-Wave-Rectification Superposition Technique for High-Multiplication Factor Frequency Multipliers Design. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1871-1882.	3.5	3
21	Dual-Mode Dual-Band DR Balun Filter Using Suspended Stripline Feeding Structure. IEEE Microwave and Wireless Components Letters, 2022, 32, 503-506.	2.0	3
22	An X <sub>Ku</sub> Dual-Band Switchless Frequency Reconfigurable GaAs Power Amplifier. IEEE Microwave and Wireless Components Letters, 2022, 32, 539-542.	2.0	2
23	Dual-Band Aperture-Shared Fabry-Perot Cavity-Integrated Patch Antenna for Millimeter-Wave/Sub-6 GHz Communication Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 868-872.	2.4	17
24	A Current-Reused VCO With Inductive-Transformer Feedback Technique. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2680-2689.	2.9	4
25	Wideband End-Wall Transition From Microstrip to Waveguide With via-Less Choke Structure for Terahertz Application. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 317-320.	2.0	3
26	Bandstop Frequency Selective Surfaces Based on Aramid Paper Honeycomb Structure. IEEE Transactions on Antennas and Propagation, 2022, 70, 8164-8172.	3.1	6
27	A Simplified Vector-Sum Phase Shifter Topology With Low Noise Figure and High Voltage Gain. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2022, , 1-9.	2.1	3
28	High-Integration and Low-Cost Transmitter Packaging Solution for 0.2 THz SiP Application Using HTCC Technology. IEEE Microwave and Wireless Components Letters, 2022, 32, 680-683.	2.0	8
29	Wideband RWG-SIW Interconnection With Improved Integration for Millimeter-Wave/Terahertz Application. IEEE Microwave and Wireless Components Letters, 2022, 32, 835-838.	2.0	2
30	A Novel End-Wall Waveguide Excitation With Wide Bandwidth and Simple Structure for Millimeter-Wave/Terahertz Application. IEEE Microwave and Wireless Components Letters, 2022, 32, 831-834.	2.0	4
31	Low-Profile Wideband Dual-Circularly Polarized Metasurface Antenna Based on Traveling-Wave Sequential Feeding Mechanism. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1085-1089.	2.4	8
32	A 5.5/12.5-GHz concurrent dual-band power amplifier MMIC in 0.25- $\mu$ m GaAs technology. Electronics Letters, 2022, 58, 303-305.	0.5	3
33	Dual-band high-efficiency power amplifier using a CRLH harmonic tuning network. Microwave and Optical Technology Letters, 2022, 64, 873-877.	0.9	1
34	High efficiency dual-band filtering power amplifier. Science China Information Sciences, 2022, 65, 1.	2.7	1
35	Low-Profile Shared-Structure Dual-Polarized Yagi-Uda Antennas. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 843-847.	2.4	6
36	Experiments of Microwave Ablation Based on Dual-Frequency Antenna Under Pulsed Mode. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 848-852.	2.4	1

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37	Low-Profile and Shared Aperture Dual-Polarized Omnidirectional Antenna by Reusing Structure of Annular Quasi-Dipole Array. IEEE Transactions on Antennas and Propagation, 2022, 70, 8590-8595.	3.1	8
38	A Planar Bidirectional Circularly Polarized Antenna Using Orthogonal Magnetic Dipoles Without Extra Phase Shift Line. IEEE Transactions on Antennas and Propagation, 2022, 70, 8536-8541.	3.1	8
39	A 22.2-GHz Injection-Locked Frequency Tripler Featuring Dual Injection and 39.4% Locking Range. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3548-3556.	2.9	2
40	Millimeter-Wave Wideband Dual-Polarized LTCC Antenna Array Based on Metasurfaces for Beam-Scanning Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 9912-9917.	3.1	10
41	A Millimeter-Wave Variable-Gain Power Amplifier With P <sub>1dB</sub> Improvement Technique in 65-nm CMOS. IEEE Microwave and Wireless Components Letters, 2022, 32, 1427-1430.	2.0	1
42	3-D Printed Annular Linear-to-Circular Dielectric Polarizer and Its Applications to Omnidirectional and Multibeam Antennas. IEEE Transactions on Antennas and Propagation, 2022, 70, 9365-9375.	3.1	3
43	A New Multi-Band Multi-Array Antenna Configuration With Scattering Suppression for Radiation Pattern Distortion Mitigation of Base Station. IEEE Transactions on Antennas and Propagation, 2022, 70, 6006-6011.	3.1	5
44	3-D Printed Millimeter-Wave Metal-Only Dual-Band Circularly Polarized Reflectarray. IEEE Transactions on Antennas and Propagation, 2022, 70, 9357-9364.	3.1	12
45	Additively Manufactured Metal-Only Millimeter-Wave Dual Circularly Polarized Reflectarray Antenna With Independent Control of Polarizations. IEEE Transactions on Antennas and Propagation, 2022, 70, 9918-9923.	3.1	8
46	A Novel Piezoresistive Transducer for Bulk Mode MEMS Resonator. , 2022, , .		0
47	Design of A Millimeter-wave physiotherapy system for the adjuvant therapy of leukocytopenia. , 2022, , .		0
48	Dual-Band Filtering Switches Using Multimode Dielectric Resonators With Hybrid Boundaries. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 4167-4176.	2.9	5
49	High Selectivity Waveguide Filtering Antennas Using Mixed-Mode Cavity Resonator. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 4297-4307.	2.9	4
50	High-Isolation Topology for Filtering Power Dividers Based on Complex Isolation Impedance and Surface Wave Suppression. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 43-53.	2.9	14
51	Miniaturized Wideband Planar Antenna Using Interembedded Metasurface Structure. IEEE Transactions on Antennas and Propagation, 2021, 69, 3021-3026.	3.1	29
52	Low-profile wideband dual-circularly polarized orbital angular momentum antenna array using metasurface. Microwave and Optical Technology Letters, 2021, 63, 1207-1212.	0.9	3
53	Wideband high-gain multiresonance antenna based on polarization-dependent metasurface. Microwave and Optical Technology Letters, 2021, 63, 638-646.	0.9	6
54	3-D Printed All-Dielectric Dual-Band Broadband Reflectarray With a Large Frequency Ratio. IEEE Transactions on Antennas and Propagation, 2021, 69, 7035-7040.	3.1	27

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55	A wideband low-profile antenna using hybrid metasurface structure. Microwave and Optical Technology Letters, 2021, 63, 965-969.	0.9	7
56	Gain Enhancement of Low-Profile Omnidirectional Antenna Using Annular Magnetic Dipole Directors. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 8-12.	2.4	7
57	Transparent FSS on Glass Window for Signal Selection of 5G Millimeter-Wave Communication. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2319-2323.	2.4	18
58	Low-Profile Broadband Vertically Polarized Microstrip Magnetic Dipole Antenna With Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2003-2007.	2.4	10
59	A Low-Profile Dual-Band Coaperture Monopolar Antenna Based on Cross-Layer Folded Structure. IEEE Transactions on Antennas and Propagation, 2021, 69, 6936-6940.	3.1	4
60	A $\pm 45^\circ$ Dual-Polarized Dual-Beam Series-Fed Metasurface Antenna Array With Stable Beam Angle. IEEE Transactions on Antennas and Propagation, 2021, 69, 8366-8375.	3.1	5
61	A VCO With Extra Cross-Coupling Path. IEEE Microwave and Wireless Components Letters, 2021, 31, 1130-1133.	2.0	2
62	Spaceborne miniaturized UHF dual band helix antenna with a small frequency ratio. Microwave and Optical Technology Letters, 2021, 63, 1767-1773.	0.9	2
63	High-Efficiency Power Amplifier with a Multiharmonic Tuning Network. IEEE Microwave and Wireless Components Letters, 2021, 31, 389-392.	2.0	12
64	A 9.8-30.1 GHz CMOS low-noise amplifier with a 3.2-dB noise figure using inductor- and transformer-based gm-boosting techniques. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 586-598.	1.5	3
65	Design of 24-30 GHz GaN Power Amplifiers with Harmonic-controlled Matching Network. , 2021, , .		2
66	High-efficiency Millimeter-wave Wide-Angle Scanning Phased Array Using Metasurface. , 2021, , .		2
67	Millimeter-Wave Dual-Polarized Filtering Metasurface Antenna for 5G Applications. , 2021, , .		0
68	A CMOS Low-Power Variable-Gain LNA Based on Triple Cascoded Common-Source Amplifiers and Forward-Body-Bias Technology. , 2021, , .		3
69	Omnidirectional oversized annular lens antenna with high gain for 5G millimeter-wave channel measurement. Microwave and Optical Technology Letters, 2021, 63, 2621-2627.	0.9	0
70	Low-Profile Compact Microstrip Magnetic Dipole Antenna With Large Beamwidth and Broad Bandwidth for Vehicular Applications. IEEE Transactions on Vehicular Technology, 2021, 70, 5445-5456.	3.9	15
71	A transformer-based injection-locked frequency divider. Microwave and Optical Technology Letters, 2021, 63, 2565-2569.	0.9	0
72	A New Class of Wideband MS-to-MS Vialess Vertical Transition With Function of Filtering Performance. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1877-1881.	2.2	3

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73	Ultrawideband Dual-Polarized Antenna for LTE600/LTE700/GSM850/GSM900 Application. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1135-1139.	2.4	15
74	A Linearly Polarized Low-Profile Complementary Antenna With Enhanced Bandwidth and Wide Broadside Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1332-1336.	2.4	6
75	Analytical Design of Millimeter-Wave 100-nm GaN-on-Si MMIC Switches Using FET-Based Resonators and Coupling Matrix Method. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3307-3318.	2.9	11
76	Sub-Terahertz 3-D Printed All-Dielectric Low-Cost Low-Profile Lens-Integrated Polarization Beam Splitter. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 433-442.	2.0	5
77	Wideband and Wide-Angle Millimeter-Wave Scanning Phased Array Based on Metasurface for 5G Applications. , 2021, , .		0
78	Balanced and Unbalanced Duplexers Using Common Oval Dielectric Resonators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3211-3221.	3.5	7
79	Millimeter-Wave Frequency-Reconfigurable Metasurface Antenna Based on Vanadium Dioxide Films. IEEE Transactions on Antennas and Propagation, 2021, 69, 4359-4369.	3.1	17
80	Dual-Band Dual-Circularly Polarized Antenna Array With Printed Ridge Gap Waveguide. IEEE Transactions on Antennas and Propagation, 2021, 69, 5118-5123.	3.1	32
81	Dual-Mode Filtering Switches Based on Hybrid Microstrip-Cavity Structures. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3853-3860.	2.9	8
82	High Gain Wideband Planar Aperture Antenna Array for 5G Millimeter-Wave Applications. , 2021, , .		1
83	Wideband self-packaged antenna based on substrate-integrated suspended line platform for 5G millimeter-wave application. Microwave and Optical Technology Letters, 2021, 63, 3072-3078.	0.9	1
84	Low-Profile Circularly Polarized Isoflux Beam Antenna Array Based on Annular Aperture Elements for CubeSat Earth Coverage Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 5489-5502.	3.1	7
85	A 15–38 GHz Vector-Summing Phase-Shifter With 360° Phase-Shifting Range Using Improved I/Q Generator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3199-3203.	2.2	10
86	Aperture-Shared Millimeter-Wave/Sub-6 GHz Dual-Band Antenna Hybridizing Fabry-Pérot Cavity and Fresnel Zone Plate. IEEE Transactions on Antennas and Propagation, 2021, 69, 8170-8181.	3.1	25
87	Terahertz Dielectric Transmission Lines: Review and Applications. , 2021, , .		0
88	A Novel Low-loss Terahertz Transition from GCPW to Rectangular Waveguide with Filter Performance Using Multiple Resonators. , 2021, , .		2
89	A Millimeter-Wave Circularly Polarized Antenna for 5G Applications. , 2021, , .		1
90	Study of DC supply for 5G millimeter-wave front-end module. , 2021, , .		0

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91	Design and Discussion of Patch Antenna Array at 77 GHz for Vehicle Radar System. , 2021, , .		0
92	An Earth Observation Satellite Mission Planning Method Based on Deep Q-Learning. , 2021, , .		0
93	Researches on Frequency-Reconfigurable Metasurface Antennas Based on VO <sub>2</sub> Films. , 2021, , .		1
94	Planar Endfire CP Antenna with Enhanced Gain and Beamwidth for RFID Applications. , 2021, , .		0
95	A Dual-Band Balanced Filter With High Common-Mode Suppression. , 2021, , .		0
96	A 3.5GHz CMOS Transceiver for Sub-6GHz and Mm-Wave Co-Existed 5G Communication Systems. , 2021, , .		1
97	Miniaturized Dual-Band Filtering Switch Based on Multi-Mode Dielectric Resonator. , 2021, , .		0
98	LTCC Based Dielectric Cavity Loaded Wideband Wide-Angle Scanning Wave Phased Array Antenna for 5G Millimeter-wave Applications. , 2021, , .		0
99	Design of a miniaturized RF front-end module with antenna array for 5G millimeter-wave communication. , 2021, , .		0
100	A Low-RCS Dual-band Dual-polarized Antenna Based on Absorptive Frequency-Selective Reflector. , 2021, , .		1
101	Design of Fan-Beam Antenna Using High Refractive Index Metasurface. , 2021, , .		0
102	A Compact Wideband Circularly Polarized Metasurface Antenna Using one novel Cross-layer Polarization Dependent Structure. , 2021, , .		0
103	A 6.3-8.7 GHz Phase-Locked Loop in 65nm CMOS. , 2021, , .		0
104	A Novel High-efficiency Slot Antenna Array Using SISL Technology for Millimeter-Wave Application. , 2021, , .		0
105	A High Conversion Efficiency Millimeter-Wave Rectifier Based on Modified Equivalent Model. , 2021, , .		0
106	LTCC Bandstop Filters With Controllable Bandwidths Using Transmission Zeros Pair. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1034-1038.	2.2	12
107	Synthesis and Design of LTCC Filtering Balun With Wide Stopband. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1404-1408.	2.2	12
108	Novel Wideband Polarization Rotating Metasurface Element and Its Application for Wideband Folded Reflectarray. IEEE Transactions on Antennas and Propagation, 2020, 68, 2118-2127.	3.1	31

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109	Low-Profile Wideband and High-Gain LTCC Patch Antenna Array for 60 GHz Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 3237-3242.	3.1	9
110	A Highly Selective Resorber Based on Second-Order Resonance. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 223-227.	2.4	21
111	Half-Air-Filled Ball-Grid-Array-Based Substrate-Integrated Groove-Gap Waveguide and its Transition to Microstrip at W-Band. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 5145-5153.	2.9	14
112	Low-Profile Ultrawideband Circularly Polarized Metasurface Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1714-1718.	2.4	11
113	Miniaturized Single-Ended and Balanced Dual-Band Diplexers Using Dielectric Resonators. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4257-4266.	2.9	17
114	Planar Reconfigurable Balanced Rat-Race Coupler With Improved Amplitude Imbalance Performance and Common-Mode Noise Absorption. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4276-4289.	2.9	9
115	Simulation and Experimental Study of Flexible Cooling System Based on Microchannel in PDMS. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 2027-2036.	1.4	4
116	Dual-Band Coaxial Filter and Diplexer Using Stub-Loaded Resonators. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2691-2700.	2.9	33
117	Review and Modification of Permittivity Measurement on Open Resonator for Transparent Material Measurements at Terahertz. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9144-9156.	2.4	13
118	Compact on-chip millimetre wave bandpass filters with meandered grounding resonator in 0.13- $\mu\text{m}$ (Bi)-CMOS technology. IET Microwaves, Antennas and Propagation, 2020, 14, 559-565.	0.7	3
119	An Unusual and Facile Synthetic Route to Alumoles. Angewandte Chemie, 2020, 132, 10113-10117.	1.6	2
120	Dual-Mode Filtering Baluns Based on Hybrid Cavity-Microstrip Structures. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1637-1645.	2.9	15
121	A Compact Microstrip Antenna With Extended Half-Power Beamwidth and Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2020, 68, 4312-4319.	3.1	19
122	VHF band spaceborne element rotation angle controlled phased antenna array for SAT-AIS application. Microwave and Optical Technology Letters, 2020, 62, 2375-2382.	0.9	3
123	3-D Printed Planar Dielectric Linear-to-Circular Polarization Conversion and Beam-Shaping Lenses Using Coding Polarizer. IEEE Transactions on Antennas and Propagation, 2020, 68, 4332-4343.	3.1	27
124	60 GHz Dual-Polarized High-Gain Planar Aperture Antenna Array Based on LTCC. IEEE Transactions on Antennas and Propagation, 2020, 68, 2883-2894.	3.1	22
125	A Millimeter-Wave Reconfigurable On-Chip Coupler With Tunable Power-Dividing Ratios in 0.13- $\mu\text{m}$ BiCMOS Technology. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1516-1526.	3.5	21
126	A Dual-Band Dual-Polarized Antenna Array Arrangement and Its Application for Base Station Antennas. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 972-976.	2.4	38



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127	A Compact Broadband Transparent Waveguide Window Based on Low-Loss Cyclic Olefin Copolymer. IEEE Microwave and Wireless Components Letters, 2020, 30, 335-338.	2.0	7
128	A Compact Ku-Band Broadband GaAs Power Amplifier Using an Improved Darlington Power Stage. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3068-3078.	2.9	15
129	A Low-Profile Sequential Rotation-Fed Circularly Polarized Annular Aperture Antenna Array for Earth Coverage Applications. , 2020, , .		0
130	A PLL Synthesizer for 5G mmW Transceiver. , 2020, , .		1
131	A Wideband 7.5-29.5 GHz LNA with Constant NF by Using Multistage Noise Matching at High Frequencies. , 2020, , .		2
132	A Magneto-Electric Dipole Antenna Using SISL for Millimeter-Wave Applications. , 2020, , .		1
133	Compact Balanced Bandpass Filter With Wideband Common Mode Suppression. , 2020, , .		3
134	A 21-41 GHz Compact Wideband Low-Noise Amplifier Based on Transformer-Feedback Technique in 65-nm CMOS. , 2020, , .		1
135	Low Profile Vertically Polarized Antenna with Endfire Radiation for 28 GHz Application. , 2020, , .		2
136	Miniaturized Broadband Planar Antenna Using Cross-shaped Inter-embedded Metasurface Structure. , 2020, , .		1
137	A 24-30GHz Asymmetric SPDT Switch for 5G Millimeter-Wave Front-End. , 2020, , .		4
138	A Compact Dual-Polarized Stacked Patch Antenna for 5G Millimeter-Wave Applications. , 2020, , .		2
139	High-Performance Wideband Balanced Bandpass Filter Based on Transversal Signal-Interference Techniques. IEEE Transactions on Plasma Science, 2020, 48, 4119-4126.	0.6	6
140	An Island Remote Sensing Image Segmentation Algorithm Based on FC_U-Net Network. , 2020, , .		1
141	Compact three-way Gysel power divider with arbitrary power dividing ratio. IET Microwaves, Antennas and Propagation, 2020, 14, 2102-2109.	0.7	3
142	Horizontally Polarized End-Fire LTCC Antenna with High Gain and Wideband for 5G Mobile Terminal Application. , 2020, , .		0
143	A 24-30GHz GaN-on-Si Variable Gain Low-Noise Amplifier MMIC. , 2020, , .		2
144	A Broadband dB-linear VGA with third-order interleaving active feedback. , 2020, , .		0

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145	Millimeter-wave Wide-Angle Scanning Phased Array Based on Low-profile Wide-beam Patch Antenna Element. , 2020, , .		2
146	UHF Compact Dual-Band Circularly Polarized Antenna Loaded With Split-Ring Resonators for Satellite Communications. , 2020, , .		0
147	Dual-Band Transmission-Line Resistance Compression Network and Its Application to Rectifiers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 119-132.	3.5	35
148	Broadband Stable-Gain Multiresonance Antenna Using Nonperiodic Square-Ring Metasurface. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1537-1541.	2.4	50
149	Compact Microwave and Millimeter-Wave Bandpass Filters Using LTCC-Based Hybrid Lumped and Distributed Resonators. IEEE Access, 2019, 7, 104797-104809.	2.6	31
150	Four Ports Double Y-Shaped Ultra-Wideband Magneto-Photonic Crystals Circulator for 5G Communication System. IEEE Access, 2019, 7, 120463-120474.	2.6	5
151	Direct Sputtering on PDMS for Investigation of Stretchable and Transparent Microstrip Line. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1741-1747.	1.4	6
152	High-performance filtering antenna using spoof surface plasmon polaritons. IEEE Transactions on Plasma Science, 2019, 47, 2832-2837.	0.6	33
153	Rectangular Dielectric Rod Antenna Fed by Air-Substrate Parallel Strip Line. IEEE Transactions on Antennas and Propagation, 2019, 67, 6308-6316.	3.1	8
154	A Simple, Compact Filtering Patch Antenna Based on Mode Analysis With Wide Out-of-Band Suppression. IEEE Transactions on Antennas and Propagation, 2019, 67, 6244-6253.	3.1	76
155	Low-profile Wideband Linearly/Circularly-polarized Metasurface Antennas Fed By Coplanar Waveguide Lines. , 2019, , .		1
156	Novel Compact High-Gain Differential-Fed Dual-Polarized Filtering Patch Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 7261-7271.	3.1	77
157	Design of Ultra-Wideband On-Chip Millimeter-Wave Bandpass Filter in 0.13- $\mu$ m (Bi)-CMOS Technology. , 2019, , .		0
158	A Millimeter-Wave Reconfigurable On-Chip Coupler with Tunable Power-Dividing Ratios. , 2019, , .		1
159	28/38 GHz Dual-band Dual-polarized Highly Isolated Antenna for 5G Phased Array Applications. , 2019, , .		13
160	Influence of various micro channels integrated in PDMS module on the cooling of power chip. , 2019, , .		0
161	A Millimeter-Wave On-Chip Bandpass Filter with All-Pole Characteristics. , 2019, , .		1
162	A Wideband Filtering Patch Antenna with Multiple Radiation Nulls For Good Stopband Suppression. , 2019, , .		4

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