

Peng Wu

List of Publications by Year in descending order

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papers

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citations

41258

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405
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405
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405
times ranked

4758
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Band Bandpass Filters Using Stub-Loaded Resonators. IEEE Microwave and Wireless Components Letters, 2007, 17, 583-585.	2.0	443
2	Ultralight Graphene Foam/Conductive Polymer Composites for Exceptional Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2017, 9, 9059-9069.	4.0	438
3	An Analytical Approach for a Novel Coupled-Line Dual-Band Wilkinson Power Divider. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 286-294.	2.9	237
4	A Differentially-Driven Dual-Polarized Magneto-Electric Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 425-430.	3.1	230
5	Novel 1-D microstrip PBG cells. , 2000, 10, 403-405.		208
6	Design of Filtering-Radiating Patch Antennas With Tunable Radiation Nulls for High Selectivity. IEEE Transactions on Antennas and Propagation, 2018, 66, 2125-2130.	3.1	198
7	Novel Ultra-Wideband (UWB) Multilayer Slotline Power Divider With Bandpass Response. IEEE Microwave and Wireless Components Letters, 2010, 20, 13-15.	2.0	165
8	Novel Dual-Mode Dual-Band Filters Using Coplanar-Waveguide-Fed Ring Resonators. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2183-2190.	2.9	135
9	Novel Filtering Method Based on Metasurface Antenna and Its Application for Wideband High-Gain Filtering Antenna With Low Profile. IEEE Transactions on Antennas and Propagation, 2019, 67, 1535-1544.	3.1	135
10	Novel Centrally Loaded Resonators and Their Applications to Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 913-921.	2.9	129
11	Planar Tri-Band Bandpass Filter With Compact Size. IEEE Microwave and Wireless Components Letters, 2010, 20, 262-264.	2.0	106
12	Tunable Bandpass Filter Design Based on External Quality Factor Tuning and Multiple Mode Resonators for Wideband Applications. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2574-2584.	2.9	105
13	High Gain and Low Cost Differentially Fed Circularly Polarized Planar Aperture Antenna for Broadband Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2016, 64, 33-42.	3.1	105
14	Low-Loss Frequency-Agile Bandpass Filters With Controllable Bandwidth and Suppressed Second Harmonic. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 1557-1564.	2.9	101
15	Wideband Four-Way Out-of-Phase Slotline Power Dividers. IEEE Transactions on Industrial Electronics, 2014, 61, 3598-3606.	5.2	98
16	Analytical Design Method of Multiway Dual-Band Planar Power Dividers With Arbitrary Power Division. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3832-3841.	2.9	96
17	Compact Tunable Filtering Power Divider With Constant Absolute Bandwidth. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3505-3513.	2.9	94
18	Virtually Shorted Patch Antenna for Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1213-1216.	2.4	93

#	ARTICLE	IF	CITATIONS
19	Compact Ultra-Wideband (UWB) Bandpass Filters With Multiple Notched Bands. IEEE Microwave and Wireless Components Letters, 2010, 20, 447-449.	2.0	91
20	RF Tunable Bandstop Filters With Constant Bandwidth Based on a Doublet Configuration. IEEE Transactions on Industrial Electronics, 2012, 59, 1257-1265.	5.2	89
21	Differential-Fed Patch Antenna Arrays With Low Cross Polarization and Wide Bandwidths. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1069-1072.	2.4	86
22	Broadband Patch Antenna With a Folded Plate Pair as a Differential Feeding Scheme. IEEE Transactions on Antennas and Propagation, 2007, 55, 2461-2467.	3.1	82
23	Novel Compact High-Gain Differential-Fed Dual-Polarized Filtering Patch Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 7261-7271.	3.1	77
24	Planar Probe Coaxial-Waveguide Power Combiner/Divider. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2761-2767.	2.9	76
25	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
26	Dual Polarized Planar Aperture Antenna on LTCC for 60-GHz Antenna-in-Package Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 63-70.	3.1	74
27	60 GHz Dual-Circularly Polarized Planar Aperture Antenna and Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 1014-1019.	3.1	73
28	A Novel Electric and Magnetic Gap-Coupled Broadband Patch Antenna With Improved Selectivity and Its Application in MIMO System. IEEE Transactions on Antennas and Propagation, 2018, 66, 5625-5629.	3.1	73
29	Novel Broadband Bandpass Filters Using Y-Shaped Dual-Mode Microstrip Resonators. IEEE Microwave and Wireless Components Letters, 2009, 19, 548-550.	2.0	69
30	Harmonic-Suppressed Bandpass Filter Based on Discriminating Coupling. IEEE Microwave and Wireless Components Letters, 2009, 19, 695-697.	2.0	66
31	A novel microstrip ring hybrid incorporating a PBG cell. IEEE Microwave and Wireless Components Letters, 2001, 11, 258-260.	2.0	65
32	Differentially Fed Planar Aperture Antenna With High Gain and Wide Bandwidth for Millimeter-Wave Application. IEEE Transactions on Antennas and Propagation, 2015, 63, 966-977.	3.1	64
33	Low-Profile Wideband Dual-Circularly Polarized Metasurface Antenna Array With Large Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1613-1616.	2.4	63
34	An Analytical Design Method for a Novel Dual-Band Unequal Coupler With Four Arbitrary Terminated Resistances. IEEE Transactions on Industrial Electronics, 2014, 61, 5509-5516.	5.2	62
35	Novel Narrow-Band Balanced Bandpass Filter Using Rectangular Dielectric Resonator. IEEE Microwave and Wireless Components Letters, 2015, 25, 289-291.	2.0	62
36	94-GHz Compact 2-D Multibeam LTCC Antenna Based on Multifolded SIW Beam-Forming Network. IEEE Transactions on Antennas and Propagation, 2017, 65, 4328-4333.	3.1	62

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37	Ultra-Wideband Differential Bandpass Filter With Narrow Notched Band and Improved Common-Mode Suppression by DGS. IEEE Microwave and Wireless Components Letters, 2012, 22, 185-187.	2.0	61
38	Low conversion-loss fourth subharmonic mixers incorporating cmrc for millimeter-wave applications. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 1449-1454.	2.9	60
39	Dual-Band Bandpass Filter With Controllable Bandwidths Using Two Coupling Paths. IEEE Microwave and Wireless Components Letters, 2010, 20, 616-618.	2.0	60
40	A Polarization-Reconfigurable Dipole Antenna Using Polarization Rotation AMC Structure. IEEE Transactions on Antennas and Propagation, 2015, 63, 5305-5315.	3.1	57
41	Compact High-Gain Metasurface Antenna Arrays Based on Higher-Mode SIW Cavities. IEEE Transactions on Antennas and Propagation, 2018, 66, 4918-4923.	3.1	56
42	Dual-Band Bandpass Filter Design Using a Novel Feed Scheme. IEEE Microwave and Wireless Components Letters, 2009, 19, 350-352.	2.0	55
43	Compact Filtering Rat-Race Hybrid With Wide Stopband. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2550-2560.	2.9	55
44	60-GHz LTCC Differential-Fed Patch Antenna Array With High Gain by Using Soft-Surface Structures. IEEE Transactions on Antennas and Propagation, 2017, 65, 206-216.	3.1	55
45	Wideband Excitation Technology of mTE_{20} Mode Substrate Integrated Waveguide (SIW) and Its Applications. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1863-1874.	2.9	54
46	Wideband Periodic Endfire Antenna With Bowtie Dipoles. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 314-317.	2.4	53
47	High-Selectivity Tunable Bandpass Filters With Harmonic Suppression. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 964-969.	2.9	53
48	Ultrawideband Strip-Loaded Circular Slot Antenna With Improved Radiation Patterns. IEEE Transactions on Antennas and Propagation, 2007, 55, 3348-3353.	3.1	52
49	Double-Sided Parallel-Strip Line With an Inserted Conductor Plane and Its Applications. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1899-1904.	2.9	52
50	A Bandwidth Enhanced Doherty Power Amplifier With a Compact Output Combiner. IEEE Microwave and Wireless Components Letters, 2016, 26, 434-436.	2.0	52
51	Single- and Dual-Band RF Rectifiers with Extended Input Power Range Using Automatic Impedance Transforming. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1974-1984.	2.9	52
52	Novel oscillator incorporating a compact microstrip resonant cell. IEEE Microwave and Wireless Components Letters, 2001, 11, 202-204.	2.0	51
53	Broadband Stable-Gain Multiresonance Antenna Using Nonperiodic Square-Ring Metasurface. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1537-1541.	2.4	50
54	A Novel Boresight and Conical Pattern Reconfigurable Antenna With the Diversity of 360° Polarization Scanning. IEEE Transactions on Antennas and Propagation, 2017, 65, 5747-5756.	3.1	48

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55	A W-Band Balanced Power Amplifier Using Broadside Coupled Strip-Line Coupler in SiGe BiCMOS 0.13- μm Technology. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2139-2150.	3.5	48
56	Broadband 90° Differential Phase Shifter Constructed Using a Pair of Multisection Radial Line Stubs. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2760-2767.	2.9	47
57	60 GHz Wideband High-Gain Circularly Polarized Antenna Array With Substrate Integrated Cavity Excitation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 751-755.	2.4	47
58	A Dual-Band Out-of-Phase Power Divider. IEEE Microwave and Wireless Components Letters, 2008, 18, 188-190.	2.0	46
59	Mechanochemical destruction of DDTs with Fe-Zn bimetal in a high-energy planetary ball mill. Journal of Hazardous Materials, 2018, 342, 201-209.	6.5	46
60	A Substrate Integrated Slot Antenna Array Using Simplified Feeding Network Based on Higher Order Cavity Modes. IEEE Transactions on Antennas and Propagation, 2016, 64, 126-135.	3.1	45
61	60 GHz Substrate-Integrated Waveguide-Based Monopulse Slot Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2018, 66, 4860-4865.	3.1	43
62	Wideband Unidirectional Circularly Polarized Antenna With L-Shaped Radiator Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 12-15.	2.4	42
63	Broadband Filtering Power Dividers Using Simple Three-Line Coupled Structures. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1103-1110.	1.4	41
64	Bowtie Dipole Antenna With Wide Beamwidth for Base Station Application. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 293-295.	2.4	40
65	Millimeter-Wave Power Amplifier Based on Coaxial-Waveguide Power-Combining Circuits. IEEE Microwave and Wireless Components Letters, 2010, 20, 46-48.	2.0	40
66	Design of Wideband Third-Order Bandpass Filters Using Broadside-Coupled Resonators in 0.13- μm (Bi)-CMOS Technology. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5593-5604.	2.9	40
67	A compact bandpass filter with two tuning transmission zeros using a CMRC resonator. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 895-900.	2.9	39
68	Dual-Band Rectangular Patch Hybrid Coupler. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 1721-1728.	2.9	39
69	China: Power Combiners/Dividers. IEEE Microwave Magazine, 2011, 12, 96-106.	0.7	39
70	A Broadband Patch Antenna Array With Planar Differential L-Shaped Feeding Structures. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 127-130.	2.4	39
71	Novel W -Band LTCC Transition From Microstrip Line to Ridge Gap Waveguide and its Application in 77/79 GHz Antenna Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 915-924.	3.1	38
72	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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73	A novel differential bandpass filter based on double-sided parallel-strip line dual-mode resonator. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 1733-1735.	0.9	37
74	An Investigation of Open- and Short-Ended Resonators and Their Applications to Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009, 57, 2203-2210.	2.9	37
75	Multifunctional Reconfigurable Filter Using Transversal Signal-Interaction Concepts. <i>IEEE Microwave and Wireless Components Letters</i> , 2017, 27, 980-982.	2.0	37
76	Dual-Band Transmission-Line Resistance Compression Network and Its Application to Rectifiers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019, 66, 119-132.	3.5	35
77	Use of Frequency-Selective Surface for Suppressing Radio-Frequency Interference from Wireless Charging Pads. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 3969-3977.	5.2	34
78	Circularly Polarized Planar Aperture Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 5316-5324.	3.1	34
79	Compact UHF Three-Element Sequential Rotation Array Antenna for Satcom Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 2328-2338.	3.1	33
80	High-performance filtering antenna using spoof surface plasmon polaritons. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 2832-2837.	0.6	33
81	Multi-Functional Balanced-to-Unbalanced Filtering Power Dividers With Extended Upper Stopband. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019, 66, 1154-1158.	2.2	33
82	Dual-Band Coaxial Filter and Diplexer Using Stub-Loaded Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 2691-2700.	2.9	33
83	Dual-Band Dual-Circularly Polarized Antenna Array With Printed Ridge Gap Waveguide. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 5118-5123.	3.1	32
84	Planar Aperture Antenna With High Gain and High Aperture Efficiency for 60-GHz Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 6262-6273.	3.1	31
85	Compact Microwave and Millimeter-Wave Bandpass Filters Using LTCC-Based Hybrid Lumped and Distributed Resonators. <i>IEEE Access</i> , 2019, 7, 104797-104809.	2.6	31
86	Novel Wideband Polarization Rotating Metasurface Element and Its Application for Wideband Folded Reflectarray. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 2118-2127.	3.1	31
87	Broadband Dual-Polarized Differential-Fed Filtering Antenna Array for 5G Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 1989-1998.	3.1	31
88	Wideband Excitations of Higher-Order Mode Substrate Integrated Waveguides and Their Applications to Antenna Array Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 4038-4047.	3.1	29
89	Miniaturized Wideband Planar Antenna Using Interembedded Metasurface Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 3021-3026.	3.1	29
90	A Y-Shaped Stub Proximity Coupled V-Slot Microstrip Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007, 6, 40-42.	2.4	28

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91	Miniaturized VHF/UHF Dual-Band Circularly Polarized Four-Element Sequential-Rotation Array Antenna Based on Alternately Overlapped Bent Radiation-Coupled Dual-L Antenna Elements. IEEE Transactions on Antennas and Propagation, 2018, 66, 4924-4929.	3.1	28
92	$\frac{1}{2}$ -Way Gysel Power Divider With Arbitrary Power-Dividing Ratio. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 659-669.	2.9	27
93	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
94	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
95	A Novel Dual-Band Bandpass E-plane Filter Using Compact Resonators. IEEE Microwave and Wireless Components Letters, 2016, 26, 484-486.	2.0	26
96	A Novel Arbitrary Terminated Unequal Coupler With Bandwidth-Enhanced Positive and Negative Group Delay Characteristics. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 2170-2184.	2.9	26
97	Single-Ended-to-Balanced Filtering Power Dividers With Wideband Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5531-5542.	2.9	26
98	A Compact and Low-Loss Bandpass Filter Using Self-Coupled Folded-Line Resonator With Capacitive Feeding Technique. IEEE Electron Device Letters, 2018, , 1-1.	2.2	26
99	A Planar Folded Ultrawideband Antenna With Gap-Loading. IEEE Transactions on Antennas and Propagation, 2007, 55, 216-220.	3.1	25
100	Broadband Transition Between Double-Sided Parallel-Strip Line and Coplanar Waveguide. IEEE Microwave and Wireless Components Letters, 2007, 17, 103-105.	2.0	25
101	Frequency splitter based on spoof surface plasmon polariton transmission lines. Applied Physics Letters, 2018, 113, .	1.5	25
102	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
103	Multi-Band Balanced Couplers With Broadband Common-Mode Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1964-1968.	2.2	24
104	Design, Fabrication, and Measurement of the Low-Loss SOI-Based Dielectric Microstrip Line and its Components. IEEE Transactions on Terahertz Science and Technology, 2016, , 1-10.	2.0	23
105	Ka-Band Omnidirectional High Gain Stacked Dual Bicone Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 294-299.	3.1	23
106	Design of Wideband Circularly Polarized Vivaldi Antenna With Stable Radiation Pattern. IEEE Access, 2018, 6, 637-644.	2.6	23
107	Wideband High-Efficiency Power Amplifier Using D/CRLH Bandpass Filtering Matching Topology. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2393-2405.	2.9	23
108	Compact Dual-Channel Balanced Filter and Balun Filter Based on Quad-Mode Dielectric Resonator. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 494-504.	2.9	23

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109	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
110	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
111	Ultra-wideband out-of-phase power divider using multilayer microstrip-slotline coupling structure. Microwave and Optical Technology Letters, 2010, 52, 1591-1594.	0.9	21
112	Compact ultra-wideband notch-band bandpass filters using multiple slotline resonators. Microwave and Optical Technology Letters, 2012, 54, 1132-1135.	0.9	21
113	A Highly Selective Resonator Based on Second-Order Resonance. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 223-227.	2.4	21
114	A Millimeter-Wave Reconfigurable On-Chip Coupler With Tunable Power-Dividing Ratios in 0.13- μm BiCMOS Technology. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1516-1526.	3.5	21
115	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
116	A Novel Planar Impedance-Transforming Tight-Coupling Coupler and Its Applications to Microstrip Baluns. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1480-1488.	1.4	20
117	Dual-Band and Low-Profile Differentially Fed Slot Antenna for Wide-Angle Scanning Phased Array. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 259-262.	2.4	20
118	Filtering Power Amplifier With Wide Bandwidth Using Discriminating Coupling. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3822-3830.	3.5	20
119	28-GHz High-Selectivity Bandpass Filters With Dual-Behavior Resonators Using GaAs Technology. IEEE Transactions on Plasma Science, 2019, 47, 5277-5282.	0.6	20
120	A Circularly Polarized Spaceborne Antenna With Shaped Beam for Earth Coverage Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 2235-2242.	3.1	20
121	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
122	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
123	Dual-Band Antenna Hybridizing Folded Transmitarray and Folded Reflectarray. IEEE Transactions on Antennas and Propagation, 2022, 70, 3070-3075.	3.1	19
124	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
125	Dual-mode microstrip bandpass filter using circular patch resonator with two transmission zeros. Microwave and Optical Technology Letters, 2005, 46, 28-30.	0.9	18
126	A 750-1000 GHz SiO_2 -Plane Dielectric Horn Based on Silicon Technology. IEEE Transactions on Antennas and Propagation, 2016, 64, 5074-5083.	3.1	18

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127	A 24/77 GHz Dual-Band Receiver for Automotive Radar Applications. IEEE Access, 2019, 7, 48053-48059.	2.6	18
128	Multiport Power Combining Patch Antenna With Stable Reflection Coefficient and Radiation Pattern in Six Polarization States. IEEE Transactions on Antennas and Propagation, 2019, 67, 719-729.	3.1	18
129	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
130	1 $\hat{\text{A}}$ THz Micromachined Waveguide Band-Pass Filter. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 435-447.	1.2	17
131	A Differentially Fed Dual-Polarized Magnetic Dipole Antenna for Spaceborne Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 861-871.	3.1	17
132	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
133	Millimeter-Wave Frequency-Reconfigurable Metasurface Antenna Based on Vanadium Dioxide Films. IEEE Transactions on Antennas and Propagation, 2021, 69, 4359-4369.	3.1	17
134	Dual-Band Aperture-Shared Fabry-Pérot 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
135	Complementary Compact Microstrip Resonant Cell and Its Applications to Microwave Single- and Dual-Band Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 773-781.	2.9	16
136	A V-Band CMOS VCO With Digitally-Controlled Inductor for Frequency Tuning. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 979-983.	2.2	16
137	Arbitrary Multi-way Parallel Mathematical Operations Based on Planar Discrete Metamaterials. Plasmonics, 2018, 13, 599-607.	1.8	15
138	Filtering power divider with harmonic suppression based on LTCC broadside coupling. Electronics Letters, 2018, 54, 697-699.	0.5	15
139	Single-Ended-Fed High-Gain LTCC Planar Aperture Antenna for 60 GHz Antenna-in-Package Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 5154-5162.	3.1	15
140	Dual-Mode Filtering Baluns Based on Hybrid Cavity-Microstrip Structures. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1637-1645.	2.9	15
141	Miniaturized Wideband Metasurface Antennas Using Cross-Layer Capacitive Loading. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 19-23.	2.4	15
142	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
143	Ultrawideband Dual-Polarized Antenna for LTE600/LTE700/GSM850/GSM900 Application. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1135-1139.	2.4	15
144	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

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145	Capacitively loaded Wilkinson power divider with size reduction and harmonic suppression. Microwave and Optical Technology Letters, 2007, 49, 2737-2739.	0.9	14
146	Silicon Micromachined Waveguide Quadrature-Hybrid Coupler at Terahertz Frequency Band. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 709-719.	1.2	14
147	Half-spaced substrate integrated spoof surface plasmon polaritons based transmission line. Scientific Reports, 2017, 7, 8013.	1.6	14
148	E-Band Multi-Phase LC Oscillators With Rotated-Phase-Tuning Using Implicit Phase Shifters. IEEE Journal of Solid-State Circuits, 2018, 53, 2560-2571.	3.5	14
149	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
150	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
151	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
152	28/38 GHz Dual-band Dual-polarized Highly Isolated Antenna for 5G Phased Array Applications. , 2019, , .		13
153	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
154	A 2-D Van Atta Array Using Star-Shaped Antenna Elements. IEEE Transactions on Antennas and Propagation, 2007, 55, 1204-1206.	3.1	12
155	Novel bandpass filter with size reduction and harmonic suppression. Microwave and Optical Technology Letters, 2007, 49, 914-916.	0.9	12
156	A compact dual-band bandstop filter. Microwave and Optical Technology Letters, 2009, 51, 2952-2954.	0.9	12
157	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
158	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
159	High-Efficiency Power Amplifier with a Multiharmonic Tuning Network. IEEE Microwave and Wireless Components Letters, 2021, 31, 389-392.	2.0	12
160	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
161	A THz Detector Chip With Printed Circular Cavity as Package and Enhancement of Antenna Gain. IEEE Transactions on Antennas and Propagation, 2016, 64, 1242-1249.	3.1	11
162	60-GHz CMOS Current-Combining PA With Adaptive Back-Off PAE Enhancement. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 823-827.	2.2	11

#	ARTICLE	IF	CITATIONS
163	Phase Noise Reduction in a VHF MEMS-CMOS Oscillator Using Phononic Crystals. IEEE Journal of the Electron Devices Society, 2016, 4, 149-154.	1.2	11
164	Low-Profile Ultrawideband Circularly Polarized Metasurface Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1714-1718.	2.4	11
165	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
166	Compact bandpass filter using open-loop resonators with capacitive loading. Microwave and Optical Technology Letters, 2007, 49, 83-84.	0.9	10
167	Elliptic response bandpass filter based on complementary CMRC. Electronics Letters, 2013, 49, 945-947.	0.5	10
168	An Equivalent Circuit Model With Current Return Path Effects for ON-Chip Interconnect up to 80 GHz. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 1320-1330.	1.4	10
169	Development of Compact HMSIW Gysel Power Dividers With Microstrip Isolation Networks. IEEE Access, 2018, 6, 60429-60437.	2.6	10
170	Balanced Dielectric Resonator Filters With Multiple Reconfigurable Passbands. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 180-189.	2.9	10
171	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
172	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
173	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
174	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
175	A Simple Microstrip Bandstop Filter Using Cross-Coupling Stubs. International Journal of Microwave Science and Technology, 2012, 2012, 1-6.	0.6	9
176	A transition of microstrip line to dielectric microstrip line for millimeter wave circuits. , 2013, , .		9
177	Compact Doherty Power Amplifier Design for 2.2 Multiple-Input Multiple-Output System. IEEE Microwave and Wireless Components Letters, 2016, 26, 216-218.	2.0	9
178	A wideband high efficiency V-band 65 nm CMOS power amplifier with neutralization and harmonic controlling. IEICE Electronics Express, 2017, 14, 20171110-20171110.	0.3	9
179	Design of Compact Coaxial-Like Bandpass Filters Using Dielectric-Loaded Strip Resonator. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 456-464.	1.4	9
180	Circularly Polarized Antenna With Specified AR and Gain Beamwidth for Spaceborne Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 831-835.	2.4	9

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	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
184	Novel perforated microstrip PBG cell. Microwave and Optical Technology Letters, 2000, 26, 325-327.	0.9	8
185	Novel approach to the design of unequal power divider with high dividing ratio. Microwave and Optical Technology Letters, 2009, 51, 1240-1243.	0.9	8
186	20-40 GHz dual gate frequency doubler using 0.5 μ m GaAs pHEMT technology. Electronics Letters, 2014, 50, 758-759.	0.5	8
187	High-frequency wideband quadrature coupler using transformer and lumped elements. Electronics Letters, 2014, 50, 1954-1955.	0.5	8
188	Rectangular Dielectric Rod Antenna Fed by Air-Substrate Parallel Strip Line. IEEE Transactions on Antennas and Propagation, 2019, 67, 6308-6316.	3.1	8
189	Dual-Mode Filtering Switches Based on Hybrid Microstrip-Cavity Structures. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3853-3860.	2.9	8
190	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
191	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
192	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
193	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
194	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
195	A compact Wilkinson power divider with curved PBG cells. Microwave and Optical Technology Letters, 2001, 31, 81-83.	0.9	7
196	Uniplanar Power Dividers Using Asymmetric Coplanar Striplines and Slotlines. , 2008, , .		7
197	A wideband microstrip balun structure. , 2014, , .		7
198	Multi-Port Patch Antennas for Flexible Power Combining and Feeding Choice. IEEE Access, 2018, 6, 79094-79104.	2.6	7

#	ARTICLE	IF	CITATIONS
199	Reply to "Comments on "A Universal Approach for Designing an Unequal Branch-Line Coupler With Arbitrary Phase Differences and Input/Output Impedances" TM ". IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1210-1216.	1.4	7
200	Universal Design Approach for Multiport Filtering Power Divider. IEEE Access, 2019, 7, 15340-15348.	2.6	7
201	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
202	A wideband low-profile antenna using hybrid metasurface structure. Microwave and Optical Technology Letters, 2021, 63, 965-969.	0.9	7
203	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
204	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
205	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
206	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
207	Compact microstrip lowpass filter using slow-wave resonator. , 2005, , .		6
208	Indirect Controlled Phased Source. IEEE Microwave and Wireless Components Letters, 2006, 16, 702-704.	2.0	6
209	Novel via-less double-sided parallel strip line to coplanar waveguide transition. Microwave and Optical Technology Letters, 2006, 48, 1717-1718.	0.9	6
210	High-Gain Wideband Leaky-Wave Antenna Excited by Bowtie Element. IEEE Transactions on Antennas and Propagation, 2008, 56, 2469-2474.	3.1	6
211	Design of a planar diplexer based on complementary compact microstrip resonant cell. , 2012, , .		6
212	A CMOS active balun-LNA with imbalance correction and noise cancelling. , 2016, , .		6
213	Dual-channel filter based on dielectric resonator for 5G massive MIMO system. , 2018, , .		6
214	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
215	Wideband high-gain multiresonance antenna based on polarization-dependent metasurface. Microwave and Optical Technology Letters, 2021, 63, 638-646.	0.9	6
216	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

#	ARTICLE	IF	CITATIONS
217	High-Performance Wideband Balanced Bandpass Filter Based on Transversal Signal-Interference Techniques. IEEE Transactions on Plasma Science, 2020, 48, 4119-4126.	0.6	6
218	Bandstop Frequency Selective Surfaces Based on Aramid Paper Honeycomb Structure. IEEE Transactions on Antennas and Propagation, 2022, 70, 8164-8172.	3.1	6
219	Low-Profile Shared-Structure Dual-Polarized Yagi-Uda Antennas. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 843-847.	2.4	6
220	Compact microstrip lowpass filter with wide stop-band integrating a bandstop structure in an open-loop resonator. Microwave and Optical Technology Letters, 2005, 47, 582-584.	0.9	5
221	A wideband circularly-polarized active Van Atta retrodirective transponder with information carrying ability. , 2006, , .		5
222	Ultra-wideband planar elliptical slot antenna with finite-ground coplanar waveguide-fed. Microwave and Optical Technology Letters, 2007, 49, 662-664.	0.9	5
223	A Theoretical and Experimental Study of Injection-Locked Fractional Frequency Dividers. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2399-2408.	2.9	5
224	Sub-Millimeter-Wave 10-dB Directional Coupler Based on Micromachining Technique. International Journal of Antennas and Propagation, 2015, 2015, 1-8.	0.7	5
225	60 GHz CMOS Wideband Differential Driving Amplifier Using Multi-Section Coupled Lines. IEEE Microwave and Wireless Components Letters, 2015, 25, 600-602.	2.0	5
226	Reconfigurable Impedance Matching Networks With Controllable Phase Shift. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1514-1518.	2.2	5
227	Wideband power divider using double-layer periodic spoof surface plasmon polaritons. , 2018, , .		5
228	Four Ports Double Y-Shaped Ultra-Wideband Magneto-Photonic Crystals Circulator for 5G Communication System. IEEE Access, 2019, 7, 120463-120474.	2.6	5
229	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
230	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
231	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
232	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
233	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
234	Novel 1-D photonic bandgap microstrip transmission line. , 0, , .		4

#	ARTICLE	IF	CITATIONS
235	Integrated Bandpass Filter Balun Based on Double-Sided Parallel-Strip Line with An Inserted Conductor Plane. , 2007, , .		4
236	Silicon based THz dielectric waveguides. , 2015, , .		4
237	Microwave-Frequency Experiment Validation of a Novel Magneto-Photonic Crystals Circulator. IEEE Photonics Journal, 2018, 10, 1-6.	1.0	4
238	A Wideband Filtering Patch Antenna with Multiple Radiation Nulls For Good Stopband Suppression. , 2019, , .		4
239	A Miniaturized Ku-Band LTCC Bandpass Filter for System-in-Package Applications. , 2019, , .		4
240	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
241	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
242	A 24-30GHz Asymmetric SPDT Switch for 5G Millimeter-Wave Front-End. , 2020, , .		4
243	A Current-Reused VCO With Inductive-Transformer Feedback Technique. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2680-2689.	2.9	4
244	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
245	High Selectivity Waveguide Filtering Antennas Using Mixed-Mode Cavity Resonator. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 4297-4307.	2.9	4
246	A novel compact microstrip lowpass filter using a meander open-loop resonator. Microwave and Optical Technology Letters, 2005, 45, 66-67.	0.9	3
247	Dual Baseband Injection Method for Amplifier Linearization. , 2007, , .		3
248	Uniplanar Bandpass Filter Using Slotline Resonators and CPW Feeding Lines. , 2008, , .		3
249	Wideband circularly polarized cavity-backed crossed loop antenna. Microwave and Optical Technology Letters, 2009, 51, 1714-1718.	0.9	3
250	A novel Doherty power amplifier with self-adaptive biasing network for efficiency improvement. Microwave and Optical Technology Letters, 2011, 53, 2586-2589.	0.9	3
251	A THz measurement platform design for 0.2–1.1THz. , 2015, , .		3
252	A broadband three-device Doherty power amplifier based on a modified load modulation network. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
253	An in-house far-field THz antenna measurement system. , 2016, , .		3
254	Compact on-chip millimetre wave bandpass filters with meandered grounding resonator in 0.13 μ m (Bi) CMOS technology. IET Microwaves, Antennas and Propagation, 2020, 14, 559-565.	0.7	3
255	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
256	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
257	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
258	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
259	A CMOS Low-Power Variable-Gain LNA Based on Triple Cascoded Common-Source Amplifiers and Forward-Body-Bias Technology. , 2021, , .		3
260	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
261	Compact Balanced Bandpass Filter With Wideband Common Mode Suppression. , 2020, , .		3
262	Compact three-way Gysel power divider with arbitrary power dividing ratio. IET Microwaves, Antennas and Propagation, 2020, 14, 2102-2109.	0.7	3
263	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
264	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
265	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
266	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
267	A 5.5/12.5GHz concurrent dual-band power amplifier MMIC in 0.25 μ m GaAs technology. Electronics Letters, 2022, 58, 303-305.	0.5	3
268	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
269	A wideband subharmonically injection-locked frequency synthesizer for LMDS. Microwave and Optical Technology Letters, 2001, 30, 310-312.	0.9	2
270	A novel printed microstrip window antenna for size reduction and circuit embedding. Microwave and Optical Technology Letters, 2002, 32, 192-194.	0.9	2

#	ARTICLE	IF	CITATIONS
271	A novel compact microstrip bandpass filter using an open-loop resonator with radial stub. Microwave and Optical Technology Letters, 2005, 46, 387-389.	0.9	2
272	A Novel Biasing Technique for Low Adjacent Channel Power in Microwave Power Amplifiers. , 2007, , .		2
273	A Novel Reconfigurable Wideband Circularly Polarized Transmitter Implemented by Indirect-Controlled-Phased-Source. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 604-607.	2.4	2
274	Radiating patches with low mutual coupling for antenna arrays. , 2007, , .		2
275	Compact bandpass filter using modified CMRC and double-sided parallel-strip line. Microwave and Optical Technology Letters, 2007, 49, 583-585.	0.9	2
276	Novel dual-band filter using slotline and microstrip resonators. Microwave and Optical Technology Letters, 2007, 49, 1080-1081.	0.9	2
277	A planar circular phase conjugated array with full scanning range. , 2008, , .		2
278	Dual-mode dual-band bandpass filter based on double-sided parallel-strip line. Microwave and Optical Technology Letters, 2009, 51, 1361-1363.	0.9	2
279	Novel ultra-wideband coplanar-waveguide bandpass filter with inductance-loaded Y-shaped resonators. Microwave and Optical Technology Letters, 2011, 53, 1134-1137.	0.9	2
280	A Low-Power Third-Harmonic Self-Oscillating Mixer Using Multi-Harmonic Load. IEEE Microwave and Wireless Components Letters, 2012, 22, 375-377.	2.0	2
281	Differentially-driven circularly-polarized planar aperture antenna for millimeter-wave application. , 2015, , .		2
282	A simple design method for dual-band filtering antenna array using a transmission line. , 2017, , .		2
283	Wideband Stable-gain Multi-resonance Antenna Using Non-periodic Square-ring Metasurface. , 2019, , .		2
284	A Transformer-based Injection-Locked Frequency Divider in 65-nm CMOS Technology. , 2019, , .		2
285	Wideband and High Gain Omnidirectional Lens Antenna for 5G mmWave Channel Measurements. , 2019, , .		2
286	An Unusual and Facile Synthetic Route to Alumoles. Angewandte Chemie, 2020, 132, 10113-10117.	1.6	2
287	A VCO With Extra Cross-Coupling Path. IEEE Microwave and Wireless Components Letters, 2021, 31, 1130-1133.	2.0	2
288	Spaceborne miniaturized UHF dual band helix antenna with a small frequency ratio. Microwave and Optical Technology Letters, 2021, 63, 1767-1773.	0.9	2

#	ARTICLE	IF	CITATIONS
289	Design of 24-30 GHz GaN Power Amplifiers with Harmonic-controlled Matching Network. , 2021, , .		2
290	High-efficiency Millimeter-wave Wide-Angle Scanning Phased Array Using Metasurface. , 2021, , .		2
291	A Divide-by-Three ILFD With Second Harmonic Enhancement. IEEE Microwave and Wireless Components Letters, 2022, 32, 49-51.	2.0	2
292	A Novel Low-loss Terahertz Transition from GCPW to Rectangular Waveguide with Filter Performance Using Multiple Resonators. , 2021, , .		2
293	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
294	A Wideband 7.5-29.5 GHz LNA with Constant NF by Using Multistage Noise Matching at High Frequencies. , 2020, , .		2
295	Low Profile Vertically Polarized Antenna with Endfire Radiation for 28 GHz Application. , 2020, , .		2
296	A Compact Dual-Polarized Stacked Patch Antenna for 5G Millimeter-Wave Applications. , 2020, , .		2
297	A 24-30GHz GaN-on-Si Variable Gain Low-Noise Amplifier MMIC. , 2020, , .		2
298	Millimeter-wave Wide-Angle Scanning Phased Array Based on Low-profile Wide-beam Patch Antenna Element. , 2020, , .		2
299	An X_{Ku} Dual-Band Switchless Frequency Reconfigurable GaAs Power Amplifier. IEEE Microwave and Wireless Components Letters, 2022, 32, 539-542.	2.0	2
300	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
301	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
302	Lowpass filter using 50 μ m microstrip line based on defected ground structure. , 0, , .		1
303	Investigation into microstrip dual-mode bandpass filters (BPFS) with in-line feed-line configurations. Microwave and Optical Technology Letters, 2006, 48, 2008-2013.	0.9	1
304	Dual-Fed Microstrip Patch with Higher-Order Radiating Mode Achieving Port-to-Port Isolation. , 2007, , .		1
305	Quasi-elliptic DSPSL lowpass filter with shunt stepped-impedance stubs. Microwave and Optical Technology Letters, 2007, 49, 476-477.	0.9	1
306	Compact dual-mode bandpass filter using equilateral triangular slotted-patch resonator. Microwave and Optical Technology Letters, 2007, 49, 493-494.	0.9	1

#	ARTICLE	IF	CITATIONS
307	Negative-resistance, reflection-type bipolar frequency doubler. Microwave and Optical Technology Letters, 2007, 49, 434-436.	0.9	1
308	Novel power divider with fixed strip width using offset double-sided parallel-strip lines. Microwave and Optical Technology Letters, 2007, 49, 1109-1111.	0.9	1
309	Self-biased distributed amplifier: Linearity improvement and efficiency enhancement. Microwave and Optical Technology Letters, 2008, 50, 2493-2497.	0.9	1
310	A Ka-band frequency divider with high division ratio and low power consumption. , 2008, , .		1
311	New dual-band bandpass filter with resistance load. Microwave and Optical Technology Letters, 2011, 53, 1472-1475.	0.9	1
312	Three-layer dielectric waveguide with microstrip transition. , 2013, , .		1
313	Design of a broadband CPWG to dielectric ridge waveguide transition for terahertz circuits. , 2013, , .		1
314	Compact and Wideband Parallel-Strip 180° Hybrid Coupler with Arbitrary Power Division Ratios. International Journal of Microwave Science and Technology, 2013, 2013, 1-10.	0.6	1
315	A Parallel-Strip Balun for Wideband Frequency Doubler. International Journal of Microwave Science and Technology, 2013, 2013, 1-4.	0.6	1
316	A wideband microstrip dual balun structure. , 2015, , .		1
317	Comparisons of via-coupling and gap-coupling for end-coupled bandpass filters. , 2016, , .		1
318	Miniaturized UHF three-element sequential rotation array antenna. , 2017, , .		1
319	Application of constraint-based satellite mission planning model in forest fire monitoring. AIP Conference Proceedings, 2017, , .	0.3	1
320	Reply to "Comments on "An Analytical Design Method for a Novel Dual-Band Unequal Coupler With Four Arbitrary Terminated Resistances". IEEE Transactions on Industrial Electronics, 2018, 65, 4424-4427.	5.2	1
321	Analysis and Verification of Three-Way Gysel Power Divider with Arbitrary Power-Dividing Ratio. , 2018, , .		1
322	High-Selectivity Balanced-to-Unbalanced Filtering Power Divider. , 2018, , .		1
323	Wide-Band Single-Ended-to-Balanced Power Divider with Broad-Band Common-Mode Suppression. , 2018, , .		1
324	Low-profile Wideband Linearly/Circularly-polarized Metasurface Antennas Fed By Coplanar Waveguide Lines. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
325	A Millimeter-Wave Reconfigurable On-Chip Coupler with Tunable Power-Dividing Ratios. , 2019, , .		1
326	A Millimeter-Wave On-Chip Bandpass Filter with All-Pole Characteristics. , 2019, , .		1
327	28-GHz band Omnidirectional Lens Antenna for Channel Measurements. , 2019, , .		1
328	A Novel Multi-Thread Parallel Constraint Propagation Scheme. IEEE Access, 2019, 7, 167823-167835.	2.6	1
329	High Gain Wideband Planar Aperture Antenna Array for 5G Millimeter-Wave Applications. , 2021, , .		1
330	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
331	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
332	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
333	A Millimeter-Wave Circularly Polarized Antenna for 5G Applications. , 2021, , .		1
334	A PLL Synthesizer for 5G mmW Transceiver. , 2020, , .		1
335	A Magneto-Electric Dipole Antenna Using SISL for Millimeter-Wave Applications. , 2020, , .		1
336	A 21-41 GHz Compact Wideband Low-Noise Amplifier Based on Transformer-Feedback Technique in 65-nm CMOS. , 2020, , .		1
337	Miniaturized Broadband Planar Antenna Using Cross-shaped Inter-embedded Metasurface Structure. , 2020, , .		1
338	An Island Remote Sensing Image Segmentation Algorithm Based on FC_U-Net Network. , 2020, , .		1
339	Implementation of cyclic olefin copolymer-based microwave circuit and the performance comparison. Microwave and Optical Technology Letters, 2022, 64, 515-519.	0.9	1
340	Researches on Frequency-Reconfigurable Metasurface Antennas Based on VO ₂ Films. , 2021, , .		1
341	A 3.5GHz CMOS Transceiver for Sub-6GHz and Mm-Wave Co-Existed 5G Communication Systems. , 2021, , .		1
342	Dual-band high-efficiency power amplifier using a CRLH harmonic tuning network. Microwave and Optical Technology Letters, 2022, 64, 873-877.	0.9	1

#	ARTICLE	IF	CITATIONS
343	High efficiency dual-band filtering power amplifier. Science China Information Sciences, 2022, 65, 1.	2.7	1
344	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
345	A Millimeter-Wave Variable-Gain Power Amplifier With P _{1dB} Improvement Technique in 65-nm CMOS. IEEE Microwave and Wireless Components Letters, 2022, 32, 1427-1430.	2.0	1
346	A Low-RCS Dual-band Dual-polarized Antenna Based on Absorptive Frequency-Selective Reflector. , 2021, , .		1
347	A subharmonically injection-locked dual-gate FET VCO frequency synthesizer. Microwave and Optical Technology Letters, 2000, 26, 294-296.	0.9	0
348	Dual-spiral microstrip bandpass filter with two transmission zeros. Microwave and Optical Technology Letters, 2005, 45, 331-332.	0.9	0
349	Microstrip bandpass filter using series-connected triangular patches. Microwave and Optical Technology Letters, 2005, 46, 46-48.	0.9	0
350	Novel compact microstrip bandpass filter using a triangular resonator. Microwave and Optical Technology Letters, 2005, 47, 49-50.	0.9	0
351	Microstrip bandpass filter using a triangular-patch resonator with three transmission zeros. Microwave and Optical Technology Letters, 2006, 48, 914-915.	0.9	0
352	Dual-mode microstrip bandpass filter with spurious response suppression. Microwave and Optical Technology Letters, 2007, 49, 556-558.	0.9	0
353	Novel bandpass filter with wide stopband using double-sided parallel-strip line. Microwave and Optical Technology Letters, 2007, 49, 722-724.	0.9	0
354	Investigation of a compact and broadband balun. Microwave and Optical Technology Letters, 2008, 50, 1380-1384.	0.9	0
355	A spurious-free tunable bandpass filter. , 2008, , .		0
356	Compact Dual-Mode Patch Resonator for Filter Applications. , 2008, , .		0
357	Design of a compact dual-mode patch resonator bandpass filter. Microwave and Optical Technology Letters, 2009, 51, 1382-1385.	0.9	0
358	Exact sequence lengths in MASH digital delta-sigma modulators for fractional-N frequency synthesizers. , 2009, , .		0
359	New dual-band bandpass filter design based on slotted ground structures. Microwave and Optical Technology Letters, 2011, 53, 1505-1511.	0.9	0
360	A Second Harmonic Self-Oscillating Mixer Incorporating Resonant Cell Structure. International Journal of Microwave Science and Technology, 2012, 2012, 1-3.	0.6	0

#	ARTICLE	IF	CITATIONS
361	Microwaves at CityU. , 2012, , .		0
362	Dual-band bandpass filter based on stub-loaded complementary CMRC. , 2013, , .		0
363	LTCC differential-fed patch antenna sub-array with low cross-polarization. , 2013, , .		0
364	Low phase noise, image rejected direct-conversion transmitter in 0.18 μm CMOS. , 2015, , .		0
365	Low-cost topologies of circularly polarized antennas for 5G applications. , 2015, , .		0
366	A novel compact six-port circuit with harmonics suppression. , 2016, , .		0
367	A highly selective bandpass filter based on microstrip multi-section coupled-line resonator. , 2016, , .		0
368	Duplexer Based on Spoof Surface Plasmon Polaritons Transmission Lines. , 2018, , .		0
369	Novel Compact High-Gain Wideband Filtering Metasurface Antenna. , 2018, , .		0
370	Integrated Third-Order Millimeter-Wave On-Chip Bandpass Filter using 0.13- μm SiGe Bi-CMOS Technology. , 2018, , .		0
371	A Transition between Dielectric Microstrip Line and Substrate Integrated Waveguide for V- Band. , 2018, , .		0
372	A miniaturized UHF dual-band circularly-polarized antenna. , 2018, , .		0
373	Design of Ultra-Wideband On-Chip Millimeter-Wave Bandpass Filter in 0.13- μm (Bi)-CMOS Technology. , 2019, , .		0
374	Influence of various micro channels integrated in PDMS module on the cooling of power chip. , 2019, , .		0
375	60-GHz High Gain Planar Aperture Antenna Using Low-Temperature Cofired Ceramics (LTCC) Technology. , 2019, , .		0
376	Mm-Wave Low-Profile Wideband Antenna Array Using Low-temperature Co-fired Ceramics (LTCC) Technique. , 2019, , .		0
377	Millimeter-Wave Dual-Polarized Filtering Metasurface Antenna for 5G Applications. , 2021, , .		0
378	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

#	ARTICLE	IF	CITATIONS
379	A transformer-based injection-locked frequency divider. Microwave and Optical Technology Letters, 2021, 63, 2565-2569.	0.9	0
380	Wideband and Wide-Angle Millimeter-Wave Scanning Phased Array Based on Metasurface for 5G Applications. , 2021, , .		0
381	Terahertz Dielectric Transmission Lines: Review and Applications. , 2021, , .		0
382	Design of Compact Broadband Antenna for Modern Multi-Array Application. , 2019, , .		0
383	A Low-Profile Sequential Rotation-Fed Circularly Polarized Annular Aperture Antenna Array for Earth Coverage Applications. , 2020, , .		0
384	Study of DC supply for 5G millimeter-wave front-end module. , 2021, , .		0
385	Horizontally Polarized End-Fire LTCC Antenna with High Gain and Wideband for 5G Mobile Terminal Application. , 2020, , .		0
386	A Broadband dB-linear VGA with third-order interleaving active feedback. , 2020, , .		0
387	UHF Compact Dual-Band Circularly Polarized Antenna Loaded With Split-Ring Resonators for Satellite Communications. , 2020, , .		0
388	Design and Discussion of Patch Antenna Array at 77 GHz for Vehicle Radar System. , 2021, , .		0
389	An Earth Observation Satellite Mission Planning Method Based on Deep Q-Learning. , 2021, , .		0
390	Planar Endfire CP Antenna with Enhanced Gain and Beamwidth for RFID Applications. , 2021, , .		0
391	A Dual-Band Balanced Filter With High Common-Mode Suppression. , 2021, , .		0
392	An injection molded circularly polarized endfire multibeam antenna with wide axial ratio beamwidth coverage using rhombic waveguide element. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	0.8	0
393	Miniaturized Dual-Band Filtering Switch Based on Multi-Mode Dielectric Resonator. , 2021, , .		0
394	LTCC Based Dielectric Cavity Loaded Wideband Wide-Angle Scanning Wave Phased Array Antenna for 5G Millimeter-wave Applications. , 2021, , .		0
395	Design of a miniaturized RF front-end module with antenna array for 5G millimeter-wave communication. , 2021, , .		0
396	Design of Fan-Beam Antenna Using High Refractive Index Metasurface. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
397	A Compact Wideband Circularly Polarized Metasurface Antenna Using one novel Cross-layer Polarization Dependent Structure. , 2021, , .		0
398	A 6.3-8.7 GHz Phase-Locked Loop in 65nm CMOS. , 2021, , .		0
399	A Novel High-efficiency Slot Antenna Array Using SISL Technology for Millimeter-Wave Application. , 2021, , .		0
400	A High Conversion Efficiency Millimeter-Wave Rectifier Based on Modified Equivalent Model. , 2021, , .		0
401	A Novel Piezoresistive Transducer for Bulk Mode MEMS Resonator. , 2022, , .		0
402	Design of A Millimeter-wave physiotherapy system for the adjuvant therapy of leukocytopenia. , 2022, , .		0