

Quan Xue

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dual-Band Bandpass Filters Using Stub-Loaded Resonators. IEEE Microwave and Wireless Components Letters, 2007, 17, 583-585.	3.2	443
2	Ultralight Graphene Foam/Conductive Polymer Composites for Exceptional Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2017, 9, 9059-9069.	8.0	438
3	Design and Analysis of a Low-Profile and Broadband Microstrip Monopolar Patch Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 11-18.	5.1	290
4	Microstrip Magnetic Dipole Yagi Array Antenna With Endfire Radiation and Vertical Polarization. IEEE Transactions on Antennas and Propagation, 2013, 61, 1140-1147.	5.1	257
5	An Analytical Approach for a Novel Coupled-Line Dual-Band Wilkinson Power Divider. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 286-294.	4.6	237
6	A Differentially-Driven Dual-Polarized Magneto-Electric Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 425-430.	5.1	230
7	Single- and Dual-Band Power Dividers Integrated With Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 69-76.	4.6	222
8	Novel 1-D microstrip PBG cells. , 2000, 10, 403-405.		208
9	Design of Filtering-Radiating Patch Antennas With Tunable Radiation Nulls for High Selectivity. IEEE Transactions on Antennas and Propagation, 2018, 66, 2125-2130.	5.1	198
10	Novel Ultra-Wideband (UWB) Multilayer Slotline Power Divider With Bandpass Response. IEEE Microwave and Wireless Components Letters, 2010, 20, 13-15.	3.2	165
11	Dual-Polarized Filtering Antenna With High Selectivity and Low Cross Polarization. IEEE Transactions on Antennas and Propagation, 2016, 64, 4188-4196.	5.1	164
12	Balanced Bandpass Filters Using Center-Loaded Half-Wavelength Resonators. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 970-977.	4.6	160
13	Novel Dual-Mode Dual-Band Filters Using Coplanar-Waveguide-Fed Ring Resonators. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2183-2190.	4.6	135
14	Dual-Band and Wide-Stopband Single-Band Balanced Bandpass Filters With High Selectivity and Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 2204-2212.	4.6	135
15	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.	5.1	135
16	Novel Centrally Loaded Resonators and Their Applications to Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 913-921.	4.6	129
17	High-Efficiency Broadband Rectifier With Wide Ranges of Input Power and Output Load Based on Branch-Line Coupler. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 731-739.	5.4	129
18	Novel Balanced Dual-Band Bandpass Filter Using Coupled Stepped-Impedance Resonators. IEEE Microwave and Wireless Components Letters, 2010, 20, 19-21.	3.2	125

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19	Design of Broadband Dual-Band Dipole for Base Station Antenna. IEEE Transactions on Antennas and Propagation, 2012, 60, 1592-1595.	5.1	116
20	Compact Broadband Dual-Polarized Filtering Dipole Antenna With High Selectivity for Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 5747-5756.	5.1	114
21	A Novel Ultra-Wideband Differential Filter Based on Double-Sided Parallel-Strip Line. IEEE Microwave and Wireless Components Letters, 2010, 20, 471-473.	3.2	109
22	Small Antennas in Wireless Communications. Proceedings of the IEEE, 2012, 100, 2109-2121.	21.8	109
23	Design of a 5.8-GHz rectenna incorporating a new patch antenna. IEEE Antennas and Wireless Propagation Letters, 2005, 4, 175-178.	4.0	106
24	Planar Tri-Band Bandpass Filter With Compact Size. IEEE Microwave and Wireless Components Letters, 2010, 20, 262-264.	3.2	106
25	Novel Multi-Stub Loaded Resonators and Their Applications to Various Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1162-1172.	4.6	106
26	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.	4.6	105
27	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.	5.1	105
28	Low-Loss Frequency-Agile Bandpass Filters With Controllable Bandwidth and Suppressed Second Harmonic. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 1557-1564.	4.6	101
29	Wideband Four-Way Out-of-Phase Slotline Power Dividers. IEEE Transactions on Industrial Electronics, 2014, 61, 3598-3606.	7.9	98
30	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.	4.6	96
31	The Proper Balance: Overview of Microstrip Wideband Balance Circuits with Wideband Common Mode Suppression. IEEE Microwave Magazine, 2015, 16, 55-68.	0.8	94
32	Compact Tunable Filtering Power Divider With Constant Absolute Bandwidth. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3505-3513.	4.6	94
33	Virtually Shorted Patch Antenna for Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1213-1216.	4.0	93
34	Compact Ultra-Wideband (UWB) Bandpass Filters With Multiple Notched Bands. IEEE Microwave and Wireless Components Letters, 2010, 20, 447-449.	3.2	91
35	A Parallel-Strip Ring Power Divider With High Isolation and Arbitrary Power-Dividing Ratio. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2419-2426.	4.6	90
36	RF Tunable Bandstop Filters With Constant Bandwidth Based on a Doublet Configuration. IEEE Transactions on Industrial Electronics, 2012, 59, 1257-1265.	7.9	89

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37	Wideband Cavity-Backed Bowtie Antenna With Pattern Improvement. IEEE Transactions on Antennas and Propagation, 2008, 56, 3850-3854.	5.1	87
38	Wideband and High-Gain Composite Cavity-Backed Crossed Triangular Bowtie Dipoles for Circularly Polarized Radiation. IEEE Transactions on Antennas and Propagation, 2010, 58, 3157-3164.	5.1	87
39	Ultra-Wideband Ring-Cavity Multiple-Way Parallel Power Divider. IEEE Transactions on Industrial Electronics, 2013, 60, 4737-4745.	7.9	87
40	Unbalanced-to-Balanced and Balanced-to-Unbalanced Diplexer With High Selectivity and Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2848-2855.	4.6	86
41	Differential-Fed Patch Antenna Arrays With Low Cross Polarization and Wide Bandwidths. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1069-1072.	4.0	86
42	Tunable Balanced Bandpass Filter With Constant Bandwidth and High Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2452-2460.	4.6	85
43	Balanced filters with wideband common mode suppression using dual-mode ring resonators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 1499-1507.	5.4	84
44	An On-Chip Bandpass Filter Using a Broadside-Coupled Meander Line Resonator With a Defected-Ground Structure. IEEE Electron Device Letters, 2017, 38, 626-629.	3.9	84
45	Wideband Balanced-to-Unbalanced Filtering Power Dividers Based on Coupled Lines. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 86-95.	4.6	84
46	A Broadside-Coupled Meander-Line Resonator in 0.13- μm SiGe Technology for Millimeter-Wave Application. IEEE Electron Device Letters, 2016, 37, 329-332.	3.9	83
47	Broadband Patch Antenna With a Folded Plate Pair as a Differential Feeding Scheme. IEEE Transactions on Antennas and Propagation, 2007, 55, 2461-2467.	5.1	82
48	Filtering Antenna With High Selectivity Using Multiple Coupling Paths From Source/Load to Resonators. IEEE Transactions on Antennas and Propagation, 2018, 66, 4320-4325.	5.1	82
49	Compact Wideband LNA With Gain and Input Matching Bandwidth Extensions by Transformer. IEEE Microwave and Wireless Components Letters, 2017, 27, 657-659.	3.2	81
50	Novel Compact High-Gain Differential-Fed Dual-Polarized Filtering Patch Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 7261-7271.	5.1	77
51	Planar Probe Coaxial-Waveguide Power Combiner/Divider. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2761-2767.	4.6	76
52	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.	5.1	76
53	High Selectivity Fifth-Order Wideband Bandpass Filters With Multiple Transmission Zeros Based on Transversal Signal-Interaction Concepts. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 89-97.	4.6	74
54	Dual Polarized Planar Aperture Antenna on LTCC for 60-GHz Antenna-in-Package Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 63-70.	5.1	74

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55	Dual-Mode Dual-Band Bandpass Filter Based on a Stub-Loaded Patch Resonator. IEEE Microwave and Wireless Components Letters, 2011, 21, 525-527.	3.2	73
56	Omnidirectional Circularly Polarized Antenna Combining Monopole and Loop Radiators. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 607-610.	4.0	73
57	60 GHz Dual-Circularly Polarized Planar Aperture Antenna and Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 1014-1019.	5.1	73
58	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.	5.1	73
59	High Selectivity Wideband Balanced Filters With Multiple Transmission Zeros. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1182-1186.	3.0	71
60	A Broadband Compact Microstrip Rat-Race Hybrid Using a Novel CPW Inverter. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 161-167.	4.6	69
61	Ultrawideband Composite Cavity-Backed Folded Sectorial Bowtie Antenna With Stable Pattern and High Gain. IEEE Transactions on Antennas and Propagation, 2009, 57, 2478-2483.	5.1	69
62	Novel Broadband Bandpass Filters Using Y-Shaped Dual-Mode Microstrip Resonators. IEEE Microwave and Wireless Components Letters, 2009, 19, 548-550.	3.2	69
63	The Periodic Half-Width Microstrip Leaky-Wave Antenna With a Backward to Forward Scanning Capability. IEEE Transactions on Antennas and Propagation, 2010, 58, 963-966.	5.1	69
64	Compact Wideband Differential Bandpass Filters Using Half-Wavelength Ring Resonator. IEEE Microwave and Wireless Components Letters, 2013, 23, 81-83.	3.2	69
65	Harmonic-Suppressed Bandpass Filter Based on Discriminating Coupling. IEEE Microwave and Wireless Components Letters, 2009, 19, 695-697.	3.2	66
66	A novel microstrip ring hybrid incorporating a PBG cell. IEEE Microwave and Wireless Components Letters, 2001, 11, 258-260.	3.2	65
67	Novel 5:1 Unequal Wilkinson Power Divider Using Offset Double-Sided Parallel-Strip Lines. IEEE Microwave and Wireless Components Letters, 2007, 17, 175-177.	3.2	65
68	Wideband and Unidirectional Cavity-Backed Folded Triangular Bowtie Antenna. IEEE Transactions on Antennas and Propagation, 2009, 57, 1259-1263.	5.1	65
69	Bandpass Class-F Power Amplifier Based on Multifunction Hybrid Cavityâ€Microstrip Filter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 742-746.	3.0	65
70	Investigation of a Wideband 90° Hybrid Coupler With an Arbitrary Coupling Level. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 1022-1029.	4.6	64
71	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.	5.1	64
72	Wideband Low-Profile Highly Isolated MIMO Antenna With Artificial Magnetic Conductor. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 458-462.	4.0	64

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73	Low-Profile Wideband Dual-Circularly Polarized Metasurface Antenna Array With Large Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1613-1616.	4.0	63
74	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.	7.9	62
75	Novel Narrow-Band Balanced Bandpass Filter Using Rectangular Dielectric Resonator. IEEE Microwave and Wireless Components Letters, 2015, 25, 289-291.	3.2	62
76	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.	5.1	62
77	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.	3.2	61
78	Design of Wideband LNA Employing Cascaded Complimentary Common Gate and Common Source Stages. IEEE Microwave and Wireless Components Letters, 2017, 27, 587-589.	3.2	61
79	Low conversion-loss fourth subharmonic mixers incorporating cmrc for millimeter-wave applications. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 1449-1454.	4.6	60
80	Dual-Band Bandpass Filter With Controllable Bandwidths Using Two Coupling Paths. IEEE Microwave and Wireless Components Letters, 2010, 20, 616-618.	3.2	60
81	A Polarization-Reconfigurable Dipole Antenna Using Polarization Rotation AMC Structure. IEEE Transactions on Antennas and Propagation, 2015, 63, 5305-5315.	5.1	57
82	Millimeter-Wave TE ₂₀ -Mode SIW Dual-Slot-Fed Patch Antenna Array With a Compact Differential Feeding Network. IEEE Transactions on Antennas and Propagation, 2018, 66, 456-461.	5.1	56
83	Compact High-Gain Metasurface Antenna Arrays Based on Higher-Mode SIW Cavities. IEEE Transactions on Antennas and Propagation, 2018, 66, 4918-4923.	5.1	56
84	Wideband Patch Antenna Using Multiple Parasitic Patches and Its Array Application With Mutual Coupling Reduction. IEEE Access, 2018, 6, 42497-42506.	4.2	56
85	Dual-Band Bandpass Filter Design Using a Novel Feed Scheme. IEEE Microwave and Wireless Components Letters, 2009, 19, 350-352.	3.2	55
86	Compact Filtering Rat-Race Hybrid With Wide Stopband. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2550-2560.	4.6	55
87	Bandpass Filter Loaded With Open Stubs Using Dual-mode Ring Resonator. IEEE Microwave and Wireless Components Letters, 2015, 25, 295-297.	3.2	55
88	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.	5.1	55
89	Inductance-Loaded Y-Shaped Resonators and Their Applications to Filters. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 978-984.	4.6	54
90	Wideband Excitation Technology of TE_{20} Mode Substrate Integrated Waveguide (SIW) and Its Applications. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1863-1874.	4.6	54

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91	An In-Line Waveguide-to-Microstrip Transition Using Radial-Shaped Probe. IEEE Microwave and Wireless Components Letters, 2008, 18, 311-313.	3.2	53
92	Wideband Periodic Endfire Antenna With Bowtie Dipoles. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 314-317.	4.0	53
93	High-Selectivity Tunable Bandpass Filters With Harmonic Suppression. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 964-969.	4.6	53
94	Bandpass Filter Using Discriminating Coupling for Extended Out-of-Band Suppression. IEEE Microwave and Wireless Components Letters, 2010, 20, 369-371.	3.2	53
95	Miniaturized Arbitrary Phase-Difference Couplers for Arbitrary Coupling Coefficients. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2317-2324.	4.6	53
96	Ultrawideband Strip-Loaded Circular Slot Antenna With Improved Radiation Patterns. IEEE Transactions on Antennas and Propagation, 2007, 55, 3348-3353.	5.1	52
97	Double-Sided Parallel-Strip Line With an Inserted Conductor Plane and Its Applications. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1899-1904.	4.6	52
98	A Bandwidth Enhanced Doherty Power Amplifier With a Compact Output Combiner. IEEE Microwave and Wireless Components Letters, 2016, 26, 434-436.	3.2	52
99	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.	4.6	52
100	Novel oscillator incorporating a compact microstrip resonant cell. IEEE Microwave and Wireless Components Letters, 2001, 11, 202-204.	3.2	51
101	A Class-F Power Amplifier With CMRC. IEEE Microwave and Wireless Components Letters, 2011, 21, 31-33.	3.2	51
102	Novel subharmonically pumped mixer incorporating dual-band stub and in-line SCMRC. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 2538-2547.	4.6	50
103	Wideband Parallel-Strip Bandpass Filter Using Phase Inverter. IEEE Microwave and Wireless Components Letters, 2008, 18, 503-505.	3.2	50
104	Transversal Signal Interaction: Overview of High-Performance Wideband Bandpass Filters. IEEE Microwave Magazine, 2014, 15, 84-96.	0.8	50
105	Broadband Stable-Gain Multiresonance Antenna Using Nonperiodic Square-Ring Metasurface. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1537-1541.	4.0	50
106	Power Amplifier Integrated With Bandpass Filter for Long Term Evolution Application. IEEE Microwave and Wireless Components Letters, 2013, 23, 424-426.	3.2	49
107	Compact On-Chip Bandpass Filter With Improved In-Band Flatness and Stopband Attenuation in 0.13- μm (Bi)-CMOS Technology. IEEE Electron Device Letters, 2017, 38, 1359-1362.	3.9	49
108	Paper-based composites as a dual-functional material for ultralight broadband radar absorbing honeycombs. Composites Part B: Engineering, 2020, 202, 108378.	12.0	49

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109	Circularly Polarized Reconfigurable Crossed-Yagi Patch Antenna. IEEE Antennas and Propagation Magazine, 2011, 53, 65-80.	1.4	48
110	Compact LTCC Bandpass Filter With Wide Stopband Using Discriminating Coupling. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 656-663.	2.5	48
111	Analysis and Design of Balanced Dielectric Resonator Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1476-1483.	4.6	48
112	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.	5.1	48
113	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.	5.4	48
114	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.	4.6	47
115	Substrate-Integrated Waveguide-Based 60-GHz Resonant Slotted Waveguide Arrays With Wide Impedance Bandwidth and High Gain. IEEE Transactions on Antennas and Propagation, 2015, 63, 2922-2931.	5.1	47
116	Dual-Band Microstrip Bandstop Filter With Multiple Transmission Poles Using Coupled Lines. IEEE Microwave and Wireless Components Letters, 2017, 27, 236-238.	3.2	47
117	60 GHz Wideband High-Gain Circularly Polarized Antenna Array With Substrate Integrated Cavity Excitation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 751-755.	4.0	47
118	A Dual-Band Out-of-Phase Power Divider. IEEE Microwave and Wireless Components Letters, 2008, 18, 188-190.	3.2	46
119	Optimized Load Modulation Network for Doherty Power Amplifier Performance Enhancement. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3474-3481.	4.6	46
120	Design of a Miniaturized On-Chip Bandpass Filter Using Edge-Coupled Resonators for Millimeter-Wave Applications. IEEE Transactions on Electron Devices, 2017, 64, 3822-3828.	3.0	46
121	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.	5.1	45
122	Wideband Filtering Power Divider With Embedded Transversal Signal-Interference Sections. IEEE Microwave and Wireless Components Letters, 2017, 27, 1068-1070.	3.2	45
123	Compact Power Amplifier With Bandpass Response and High Efficiency. IEEE Microwave and Wireless Components Letters, 2014, 24, 707-709.	3.2	43
124	60 GHz Substrate-Integrated Waveguide-Based Monopulse Slot Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2018, 66, 4860-4865.	5.1	43
125	Compact Tri-Band Bandpass Filter Using Novel Eight-Mode Resonator for 5G WiFi Application. IEEE Microwave and Wireless Components Letters, 2015, 25, 660-662.	3.2	42
126	Wideband Unidirectional Circularly Polarized Antenna With L-Shaped Radiator Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 12-15.	4.0	42

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127	Compact Planar Magic-T Based on the Double-Sided Parallel-Strip Line and the Slotline Coupling. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 2915-2923.	4.6	41
128	Circularly Polarized Shorted Patch Antenna on High Permittivity Substrate With Wideband. IEEE Transactions on Antennas and Propagation, 2012, 60, 1588-1592.	5.1	41
129	Broadband Long Rectangular Patch Antenna With High Gain and Vertical Polarization. IEEE Transactions on Antennas and Propagation, 2013, 61, 539-546.	5.1	41
130	A Universal Approach for Designing an Unequal Branch-Line Coupler With Arbitrary Phase Differences and Input/Output Impedances. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 944-955.	2.5	41
131	Analytical Design of Compact Dual-Band Filters Using Dual Composite Right-/Left-Handed Resonators. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 804-814.	4.6	41
132	Design of an Ultracompact On-Chip Bandpass Filter Using Mutual Coupling Technique. IEEE Transactions on Electron Devices, 2018, 65, 1087-1093.	3.0	41
133	Dual-Band Dual Circularly Polarized Antenna Array Using FSS-Integrated Polarization Rotation AMC Ground for Vehicle Satellite Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 10742-10751.	6.3	41
134	Broadband Filtering Power Dividers Using Simple Three-Line Coupled Structures. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1103-1110.	2.5	41
135	Bowtie Dipole Antenna With Wide Beamwidth for Base Station Application. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 293-295.	4.0	40
136	Millimeter-Wave Power Amplifier Based on Coaxial-Waveguide Power-Combining Circuits. IEEE Microwave and Wireless Components Letters, 2010, 20, 46-48.	3.2	40
137	Polarization-Reconfigurable Omnidirectional Antenna Combining Dipole and Loop Radiators. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1102-1105.	4.0	40
138	Analysis and Equivalent-Circuit Model for CMOS On-Chip Multiple Coupled Inductors in the Millimeter-Wave Region. IEEE Transactions on Electron Devices, 2015, 62, 3957-3964.	3.0	40
139	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.	4.6	40
140	A compact bandpass filter with two tuning transmission zeros using a CMRC resonator. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 895-900.	4.6	39
141	Dual-Band Rectangular Patch Hybrid Coupler. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 1721-1728.	4.6	39
142	Dual-Beam Steering Microstrip Leaky Wave Antenna With Fixed Operating Frequency. IEEE Transactions on Antennas and Propagation, 2008, 56, 248-252.	5.1	39
143	TUNABLE AND SWITCHABLE BANDPASS FILTERS USING SLOT-LINE RESONATORS. Progress in Electromagnetics Research, 2011, 111, 25-41.	4.4	39
144	China: Power Combiners/Dividers. IEEE Microwave Magazine, 2011, 12, 96-106.	0.8	39

#	ARTICLE	IF	CITATIONS
145	A Broadband Patch Antenna Array With Planar Differential L-Shaped Feeding Structures. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 127-130.	4.0	39
146	The Half-Width Microstrip Leaky Wave Antenna With the Periodic Short Circuits. IEEE Transactions on Antennas and Propagation, 2011, 59, 3421-3423.	5.1	38
147	Novel $\frac{SW}{\lambda}$ -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.	5.1	38
148	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.	4.0	38
149	A novel differential bandpass filter based on double-sided parallel-strip line dual-mode resonator. Microwave and Optical Technology Letters, 2008, 50, 1733-1735.	1.4	37
150	An Investigation of Open- and Short-Ended Resonators and Their Applications to Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2203-2210.	4.6	37
151	Wideband In-Phase and Out-of-Phase Balanced Power Dividing and Combining Networks. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1192-1202.	4.6	37
152	Multifunctional Reconfigurable Filter Using Transversal Signal-Interaction Concepts. IEEE Microwave and Wireless Components Letters, 2017, 27, 980-982.	3.2	37
153	Wideband Dual-Polarized Four-Folded-Dipole Antenna Array With Stable Radiation Pattern for Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 4428-4436.	5.1	37
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