

Yongle Wu

List of Publications by Year in descending order

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2527
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Dual Band Unequal Wilkinson Power Divider Without Reactive Components. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 216-222.	2.9	140
3	Enhancing Isolation in Dual-Band Meander-Line Multiple Antenna by Employing Split EBG Structure. IEEE Transactions on Antennas and Propagation, 2019, 67, 2769-2774.	3.1	135
4	A Three-Section Dual-Band Transformer for Frequency-Dependent Complex Load Impedance. IEEE Microwave and Wireless Components Letters, 2009, 19, 611-613.	2.0	119
5	Single-Layer Microstrip High-Directivity Coupled-Line Coupler With Tight Coupling. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 746-753.	2.9	111
6	A Generalized Dual-Frequency Transformer for Two Arbitrary Complex Frequency-Dependent Impedances. IEEE Microwave and Wireless Components Letters, 2009, 19, 792-794.	2.0	97
7	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
8	A Dual-Frequency Transformer for Complex Impedances With Two Unequal Sections. IEEE Microwave and Wireless Components Letters, 2009, 19, 77-79.	2.0	84
9	Broadband CPW-Fed Aperture Coupled Metasurface Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 517-520.	2.4	80
10	A Modified Gysel Power Divider of Arbitrary Power Ratio and Real Terminated Impedances. IEEE Microwave and Wireless Components Letters, 2011, 21, 601-603.	2.0	71
11	A Simple Planar Dual-Band Bandpass Filter With Multiple Transmission Poles and Zeros. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 56-60.	2.2	68
12	Bandpass Filtering Doherty Power Amplifier With Enhanced Efficiency and Wideband Harmonic Suppression. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 337-346.	3.5	64
13	A COMPACT PI-STRUCTURE DUAL BAND TRANSFORMER. Progress in Electromagnetics Research, 2008, 88, 121-134.	1.6	62
14	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
15	Single-conductor co-planar quasi-symmetry unequal power divider based on spoof surface plasmon polaritons of bow-tie cells. AIP Advances, 2016, 6, .	0.6	58
16	Generalized Dual-Band Unequal Filtering Power Divider With Independently Controllable Bandwidth. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3838-3848.	2.9	58
17	Design Approach for Implementation of Class-J Broadband Power Amplifiers Using Synthesized Band-Pass and Low-Pass Matching Topology. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4984-4996.	2.9	58
18	Wideband Single-Ended and Differential Bandpass Filters Based on Terminated Coupled Line Structures. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 761-774.	2.9	56

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19	Wideband Filtering Power Divider With Ultra-Wideband Harmonic Suppression and Isolation. IEEE Access, 2016, 4, 6876-6882.	2.6	55
20	A Wideband Balanced-to-Unbalanced Coupled-Line Power Divider. IEEE Microwave and Wireless Components Letters, 2016, 26, 410-412.	2.0	55
21	Miniaturized Arbitrary Phase-Difference Couplers for Arbitrary Coupling Coefficients. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2317-2324.	2.9	53
22	Graphene-based Yagi-Uda antenna with reconfigurable radiation patterns. AIP Advances, 2016, 6, .	0.6	47
23	Compact Wideband Circularly Polarized Patch Antenna for CNSS Applications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1280-1283.	2.4	45
24	Wideband Filtering Power Divider With Embedded Transversal Signal-Interference Sections. IEEE Microwave and Wireless Components Letters, 2017, 27, 1068-1070.	2.0	45
25	Modeling of Passive Intermodulation With Electrical Contacts in Coaxial Connectors. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 4007-4016.	2.9	44
26	Low-Cost Compact Circularly Polarized Directional Antenna for Universal UHF RFID Handheld Reader Applications. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1326-1329.	2.4	42
27	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.	1.4	41
28	Wideband Pattern-Reconfigurable Cone Antenna Employing Liquid-Metal Reflectors. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 916-919.	2.4	40
29	Design of Multioctave Bandwidth Power Amplifier Based on Resistive Second-Harmonic Impedance Continuous Class-F. IEEE Microwave and Wireless Components Letters, 2017, 27, 830-832.	2.0	38
30	Wideband Filtering Unbalanced-to-Balanced Independent Impedance-Transforming Power Divider With Arbitrary Power Ratio. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 4482-4496.	2.9	38
31	Planar Balanced-to-Unbalanced In-Phase Power Divider With Wideband Filtering Response and Ultra-Wideband Common-Mode Rejection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1875-1886.	3.5	37
32	Isolation Enhancement in Dual-Band Monopole Antenna for 5G Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1867-1871.	2.2	37
33	Small-size high-selectivity bandstop filter with coupled-line stubs for dual-band applications. Electronics Letters, 2014, 50, 286-288.	0.5	35
34	Dual-Band Hybrid Coupler With Arbitrary Power Division Ratios Over the Two Bands. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1347-1358.	1.4	35
35	High Performance Single-Ended Wideband and Balanced Bandpass Filters Loaded With Stepped-Impedance Stubs. IEEE Access, 2017, 5, 5972-5981.	2.6	35
36	Novel Planar Compact Coupled-Line Single-Ended-to-Balanced Power Divider. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2953-2963.	2.9	35

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37	A Flexible High-Selectivity Single-Layer Coplanar Waveguide Bandpass Filter Using Interdigital Spoof Surface Plasmon Polaritons of Bow-Tie Cells. IEEE Transactions on Plasma Science, 2020, 48, 3582-3588.	0.6	34
38	Impedance-Transforming Dual-Band Out-of-Phase Power Divider. IEEE Microwave and Wireless Components Letters, 2014, 24, 524-526.	2.0	33
39	Planar Wideband Differential-Mode Bandpass Filter With Common-Mode Noise Absorption. IEEE Microwave and Wireless Components Letters, 2017, 27, 458-460.	2.0	33
40	Compact Wideband Reflective/Absorptive Bandstop Filter With Multitransmission Zeros. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 482-493.	2.9	32
41	Comments on "Quasi-Arbitrary Phase-Difference Hybrid Coupler". IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1725-1727.	2.9	31
42	A NEW WIDE-STOPBAND LOW-PASS FILTER WITH GENERALIZED COUPLED-LINE CIRCUIT AND ANALYTICAL THEORY. Progress in Electromagnetics Research, 2011, 116, 553-567.	1.6	30
43	Dual-Band Out-of-Phase Power Divider With Impedance Transformation and Wide Frequency Ratio. IEEE Microwave and Wireless Components Letters, 2015, 25, 787-789.	2.0	30
44	Design Methodology for Six-Port Equal/Unequal Quadrature and Rat-Race Couplers With Balanced and Unbalanced Ports Terminated by Arbitrary Resistances. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1249-1262.	2.9	30
45	Circular beam-reconfigurable antenna base on graphene-metal hybrid. Electronics Letters, 2016, 52, 494-496.	0.5	28
46	Design of Dual-Band High-Efficiency Power Amplifiers Based on Compact Broadband Matching Networks. IEEE Microwave and Wireless Components Letters, 2018, 28, 162-164.	2.0	28
47	Ultraminiaturized Wideband Quasi-Chebyshev/Elliptic Impedance-Transforming Power Divider Based on Integrated Passive Device Technology. IEEE Transactions on Plasma Science, 2020, 48, 858-866.	0.6	28
48	Dual-Band Filtering Balanced-to-Unbalanced Impedance-Transforming Power Divider With High Frequency Ratio and Arbitrary Power Division. IEEE Access, 2018, 6, 12710-12717.	2.6	26
49	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
50	Broadband Power Amplifier Based on a Generalized Step-Impedance Quasi-Chebyshev Lowpass Matching Approach. IEEE Transactions on Plasma Science, 2020, 48, 311-318.	0.6	25
51	A Novel Coupled-Line Tunable Wilkinson Power Divider With Perfect Port Match and Isolation in Wide Frequency Tuning Range. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 917-925.	1.4	24
52	A novel power divider with ultra-wideband harmonics suppression based on double-sided parallel spoof surface plasmon polaritons transmission line. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21231.	0.8	24
53	A Dual-Band Patch Antenna for Pattern Diversity Application. IEEE Access, 2018, 6, 51986-51993.	2.6	24
54	A UWB MIMO slot antenna using defected ground structures for high isolation. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22155.	0.8	24

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55	A Coupled Line-Based Coupler With Simultaneously Tunable Phase and Frequency. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4637-4647.	3.5	23
56	Single-Layer Dual-Band Bandwidth-Enhanced Filtering Phase Shifter With Two Different Predetermined Phase-Shifting Values. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 236-240.	2.2	23
57	A Novel Balanced-to-Unbalanced Complex Impedance-Transforming In-Phase Power Divider. IEEE Access, 2017, 5, 16205-16213.	2.6	22
58	Wideband Bandstop Filter With Extreme Sharp Skirt Selectivity. IEEE Microwave and Wireless Components Letters, 2018, 28, 1104-1106.	2.0	22
59	An Ultraminiaturized Bandpass Filtering Marchand Balun Chip With Spiral Coupled Lines Based on GaAs Integrated Passive Device Technology. IEEE Transactions on Plasma Science, 2020, 48, 3067-3075.	0.6	22
60	A COUPLED-LINE BAND-STOP FILTER WITH THREE-SECTION TRANSMISSION-LINE STUBS AND WIDE UPPER PASS-BAND PERFORMANCE. Progress in Electromagnetics Research, 2011, 119, 407-421.	1.6	21
61	Concept for narrow-band filtering ratâ€œcoupler using dualâ€œmode crossâ€œshaped dielectric. Electronics Letters, 2016, 52, 212-213.	0.5	21
62	Dual Purpose Antenna for Hybrid Free Space Optics/RF Communication Systems. Journal of Lightwave Technology, 2016, 34, 3432-3439.	2.7	21
63	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
64	A Planar Dual-Band Coupled-Line Balun With Impedance Transformation and High Isolation. IEEE Access, 2016, 4, 9689-9701.	2.6	20
65	Hard switching in hybrid FSO/RF link: Investigating data rate and link availability. , 2017, , .		20
66	A New Coupler Structure with Phase-Controlled Power Divisions of Extremely-Wide Tunable Ranges and Arbitrary Phase Differences. IEEE Access, 2018, 6, 10121-10130.	2.6	20
67	Manipulating of Different-Polarized Reflected Waves with Graphene-based Plasmonic Metasurfaces in Terahertz Regime. Scientific Reports, 2017, 7, 10558.	1.6	19
68	High-Selectivity Single-Ended/Balanced DC-Block Filtering Impedance Transformer and Its Application on Power Amplifier. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4360-4369.	3.5	19
69	A Bidirectional Absorptive Common-Mode Filter Based on Interdigitated Microstrip Coupled Lines for 5G â€œGreenâ€œCommunications. IEEE Access, 2020, 8, 20759-20769.	2.6	18
70	Double-Sided Spoof Surface Plasmon Polaritons- Line Bandpass Filter With Excellent Dual-Band Filtering and Wide Upper BandSuppressions. IEEE Transactions on Plasma Science, 2020, 48, 4134-4143.	0.6	18
71	New coupledâ€œline dualâ€œband dcâ€œblock transformer for arbitrary complex frequencyâ€œdependent load impedance. Microwave and Optical Technology Letters, 2012, 54, 139-142.	0.9	17
72	Planar Miniaturized Balanced-to-Single-Ended Power Divider Based on Composite Left- and Right-Handed Transmission Lines. IEEE Microwave and Wireless Components Letters, 2017, 27, 242-244.	2.0	17

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73	Modeling of Passive Intermodulation in Connectors With Coating Material and Iron Content in Base Brass. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1346-1356.	2.9	17
74	Planar Wideband High-Selectivity Impedance-Transforming Differential Bandpass Filter With Deep Common-Mode Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1914-1918.	2.2	17
75	Single-Layer Planar Wideband Rat-Race Coupler Using a Shorted Parallel-Coupled Multi-Line Section. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3053-3057.	2.2	17
76	Compact coupled-line balun with complex impedances transformation and high isolation. IET Microwaves, Antennas and Propagation, 2015, 9, 1587-1594.	0.7	16
77	Differential Dielectric Resonator Filters. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 637-645.	1.4	16
78	IPD-Based Miniaturized Wideband Bandpass Filter With Frequency-Dependent Complex Source and Load. IEEE Transactions on Plasma Science, 2021, 49, 1115-1120.	0.6	16
79	A Hybrid Film-Bulk-Acoustic-Resonator/Coupled-Line/Transmission-Line High Selectivity Wideband Bandpass FBAR Filter. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3389-3396.	2.9	16
80	Arbitrary Multi-way Parallel Mathematical Operations Based on Planar Discrete Metamaterials. Plasmonics, 2018, 13, 599-607.	1.8	15
81	A Simple Multi-Broadband Planar Antenna for LTE/GSM/UMTS and WLAN/WiMAX Mobile Handset Applications. IEEE Access, 2018, 6, 74453-74461.	2.6	15
82	Wideband bandpass-to-all-pass reconfigurable filtering power divider with bandwidth control and all-passband isolation. IET Microwaves, Antennas and Propagation, 2018, 12, 1852-1858.	0.7	15
83	A novel differential filtering patch antenna with high selectivity. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21880.	0.8	15
84	Ultra-Miniaturized Wideband Input-Absorptive Bandstop Filter Based on TFIPD Technology. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2414-2418.	2.2	15
85	Synthesis of Wideband Filtering Couplers for Arbitrary High Power-Division Ratios Based on Three Different Types of Coupled-Line Sections. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1218-1222.	2.2	15
86	A Novel Low-g MEMS Bistable Inertial Switch With Self-Locking and Reverse-Unlocking Functions. Journal of Microelectromechanical Systems, 2020, 29, 1493-1503.	1.7	15
87	Receive antenna selection in the downlink of multiuser MIMO systems. , 0, , .		14
88	Closed-form design method for unequal lumped elements Wilkinson power dividers. Microwave and Optical Technology Letters, 2009, 51, 1320-1324.	0.9	14
89	A NOVEL HIGH-POWER AMPLIFIER USING A GENERALIZED COUPLED-LINE TRANSFORMER WITH INHERENT DC-BLOCK FUNCTION. Progress in Electromagnetics Research, 2011, 119, 171-190.	1.6	14
90	Dual-Band Dual-Mode Substrate Integrated Waveguide Filters with Independently Reconfigurable TE ₁₀₁ Resonant Mode. Scientific Reports, 2016, 6, 31922.	1.6	14

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91	A Generalized Lossy Transmission-Line Model for Tunable Graphene-Based Transmission Lines with Attenuation Phenomenon. <i>Scientific Reports</i> , 2016, 6, 31760.	1.6	14
92	A Broadband Graphene-Based THz Coupler with Wide-Range Tunable Power-Dividing Ratios. <i>Plasmonics</i> , 2017, 12, 1487-1492.	1.8	14
93	Narrowband balanced absorptive bandstop filter integrated with wideband bandpass response. <i>Electronics Letters</i> , 2018, 54, 225-227.	0.5	14
94	A Planar Balanced-to-Balanced Power Divider With Wideband Filtering Responses and Common-Mode Suppressions. <i>IEEE Access</i> , 2018, 6, 42057-42065.	2.6	14
95	Design Analysis of Integrated Passive Device-Based Balun Devices With High Selectivity for Mobile Application. <i>IEEE Access</i> , 2019, 7, 23169-23176.	2.6	14
96	A New Self-Packaged Substrate Integrated Air-Filled Spoof Surface Plasmon Polaritons Line With Inherent Low Loss and Deep Upper Frequency Suppression. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 3516-3523.	0.6	14
97	Specific Absorption Rate Evaluation for Passengers Using Wireless Communication Devices Inside Vehicles With Different Handedness, Passenger Counts, and Seating Locations. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 2905-2912.	2.5	13
98	A NEW ACCURATE VOLTERRA-BASED MODEL FOR BEHAVIORAL MODELING AND DIGITAL PREDISTORTION OF RF POWER AMPLIFIERS. <i>Progress in Electromagnetics Research C</i> , 2012, 29, 205-218.	0.6	13
99	Dynamic deviation reduction-based concurrent dual-band digital predistortion. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2014, 24, 401-411.	0.8	13
100	Compact high-selectivity bandpass filter using a novel uniform coupled-line dual-mode resonator. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2355-2358.	0.9	13
101	Comments on "Novel Dual-Band Matching Network for Effective Design of Concurrent Dual-Band Power Amplifiers". <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015, 62, 2361-2363.	3.5	13
102	Novel Calibration Algorithm of Multiport Wideband Receivers Based on Real-Valued Time-Delay Neural Networks. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016, 64, 3540-3548.	2.9	13
103	A Broadband Filtering Patch Antenna Using T-Probe, Transverse Stubs, and U-Slots. <i>IEEE Access</i> , 2019, 7, 7502-7509.	2.6	13
104	Wideband Bandpass Filtering Balun With Perfect In-Band Matching and Isolation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 1884-1888.	2.2	13
105	A novel wideband coupled-line Gysel power divider with function of impedance matching. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 2012-2021.	1.0	12
106	Filtering push-pull power amplifier based on novel impedance transformers. <i>Electronics Letters</i> , 2016, 52, 1467-1469.	0.5	12
107	A Virtual Over-the-Air Method for 5G Massive MIMO Base Station Testing With Flexible Virtual Probes. <i>IEEE Access</i> , 2019, 7, 108474-108485.	2.6	12
108	Passive Intermodulation Models of Current Distortion in Electrical Contact Points. <i>IEEE Microwave and Wireless Components Letters</i> , 2019, 29, 180-182.	2.0	12

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109	A Dual-Band Radiation-Differentiated Patch Antenna for Future Wireless Scenes. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1007-1011.	2.4	12
110	High-Performance Common- and Differential-Mode Reflectionless Balanced Band-Pass Filter Using Coupled Ring Resonator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 974-978.	2.2	12
111	Enhancing isolation and bandwidth in planar monopole multiple antennas using thin inductive line resonator. AEU - International Journal of Electronics and Communications, 2020, 117, 153094.	1.7	12
112	Analysis of the Propagation Constant of a Ridge Gap Waveguide and Its Application of Dual-Band Unequal Couplers. IEEE Transactions on Plasma Science, 2020, 48, 4163-4170.	0.6	12
113	Theory of the spherical generalized Smith chart. Microwave and Optical Technology Letters, 2009, 51, 95-97.	0.9	11
114	A Novel Dual-Frequency Wilkinson Power Divider with Unequal Power Division. Electromagnetics, 2009, 29, 627-640.	0.3	11
115	Coupled dual-band bandpass filter with compact structure and wide stopband. Electronics Letters, 2014, 50, 187-189.	0.5	11
116	Tunable Terahertz Filter-Integrated Quasi-Yagi Antenna Based on Graphene. Plasmonics, 2017, 12, 811-817.	1.8	11
117	Large Frequency-Ratio Dual-Band and Broad Dual-Band Parallel-Line Couplers. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 121-131.	1.4	11
118	Design and Experimental Validation of Automated Millimeter-Wave phased Array Antenna-in-Package (AiP) Experimental Platform. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	11
119	Wideband balanced-to-unbalanced filtering unequal power divider with wide stopband and isolation. Electronics Letters, 2017, 53, 892-894.	0.5	10
120	Impact of Probe Configurations on Maximum of Test Volume Size in 3D MIMO OTA Testing. Wireless Communications and Mobile Computing, 2017, 2017, 1-9.	0.8	10
121	Independently Tunable Concurrent Dual-Band VCO Using Square Open-Loop Resonator. IEEE Access, 2018, 6, 12634-12641.	2.6	10
122	Design of a wideband filtering power divider with good in-band and out-of-band isolations. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21728.	0.8	10
123	Probe Selection for 5G Massive MIMO Base Station Over-the-Air Testing. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1998-2002.	2.4	10
124	Synthesis Design on Wideband Single-Ended and Differential Dual-Band Filtering Impedance Transformer. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 913-917.	2.2	10
125	High-Gain and Low-Loss Dual-Polarized Antenna Array With Reduced Sidelobe Level Based on Gap Waveguide at 28 GHz. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1022-1026.	2.4	10
126	Independent Control Function for Concurrent Dual-Band VCO. IEEE Microwave and Wireless Components Letters, 2018, 28, 230-232.	2.0	9

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127	Concurrent Dual-Band Low Intermediate Frequency Receiver Based on the Multiport Correlator and Single Local Oscillator. <i>IEEE Microwave and Wireless Components Letters</i> , 2018, 28, 353-355.	2.0	9
128	A Compact Single-Layer Ultra-Wideband Phase Shifter Using Weakly Coupled Lines. <i>IEEE Access</i> , 2019, 7, 12575-12583.	2.6	9
129	Miniaturized Single-Ended-to-Balanced Arbitrary Four-Section Coupled-Line Coupler With Inherent Impedance Matching. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 1929-1933.	2.2	9
130	The Impact of Connection Failure of Bonding Wire on Signal Transmission in Radio Frequency Circuits. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020, 10, 1729-1737.	1.4	9
131	Design of Wideband Butler Matrix With Equal/Unequal Phase Differences for Flexible Beam-Controllability. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 3537-3541.	2.2	9
132	Novel Multifunctional Dual-Band Coupled-Line Coupler With Reuse of Low-Frequency Trans-Directional and High-Frequency Contra-Directional Functions. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 1917-1921.	2.2	9
133	Wideband High-Selectivity Filtering All-Frequency Absorptive Power Divider With Deep Out-of-Band Suppression. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 2099-2106.	0.6	9
134	A Novel Unequal Lumped-Element Coupler With Arbitrary Phase Differences and Arbitrary Impedance Matching. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 369-373.	2.2	9
135	An omnipotent Smith chart for lossy nonreciprocal transmission lines. <i>Microwave and Optical Technology Letters</i> , 2007, 49, 2392-2395.	0.9	8
136	Design of a compact wideband circularly polarized microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2013, 55, 2531-2536.	0.9	8
137	NOVEL IN-LINE MICROSTRIP COUPLED-LINE BANDSTOP FILTER WITH SHARP SKIRT SELECTIVITY. <i>Progress in Electromagnetics Research</i> , 2013, 137, 585-597.	1.6	8
138	Design of dual-band phase offset line with arbitrary phase shift at two operational frequencies. <i>Electronics Letters</i> , 2014, 50, 91-93.	0.5	8
139	Miniaturised wideband bandpass filter based on harmonic suppressed dual transmission lines. <i>Electronics Letters</i> , 2016, 52, 734-736.	0.5	8
140	Concurrent Dual-Band Receiver Based on Novel Six-Port Correlator for Wireless Applications. <i>IEEE Access</i> , 2017, 5, 25826-25834.	2.6	8
141	A Wideband Uniplanar Double-Ring Crossover With Balanced and Single-Ended Paths. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018, 66, 5238-5247.	2.9	8
142	Modeling and Analysis of Signal Integrity of High-Speed Interconnected Channel With Degraded Contact Surface. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019, 9, 2227-2236.	1.4	8
143	Implementation of Flat Gain Broadband Power Amplifier With Impedance Rotation Compensation. <i>IEEE Access</i> , 2019, 7, 13304-13316.	2.6	8
144	Wideband Polarization Reconfigurable Differential Circularly Polarized Antenna. <i>IEEE Access</i> , 2019, 7, 64697-64703.	2.6	8

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145	Filtering raté couplers with impedance transforming characteristics based on terminated coupled line structures. IET Microwaves, Antennas and Propagation, 2020, 14, 734-742.	0.7	8
146	Dual-Band Balanced Bandpass Filter Using Slotlines Loaded Patch Resonators With Independently Controllable Bandwidths. IEEE Microwave and Wireless Components Letters, 2020, 30, 653-656.	2.0	8
147	All-Frequency Absorptive CL Dual-Band BPF With Complementary Lossy Bandstop Branches. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3532-3536.	2.2	8
148	A SUBSTRATE INTEGRATED WAVEGUIDE TO SUBSTRATE INTEGRATED COAXIAL LINE TRANSITION. Progress in Electromagnetics Research C, 2013, 36, 249-259.	0.6	7
149	A frequency-independent dual-band printed quadrifilar helix antenna using nonuniform, unequal-length, asymmetrical coupled lines. Microwave and Optical Technology Letters, 2016, 58, 1728-1733.	0.9	7
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151	A novel FMCW waveform for multi-target detection and the corresponding algorithm. , 2017, , .		7
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