

Feng Wei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Balanced Dual-Band BPF and FPD Using Quad-Mode RLR With Improved Selectivity. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2081-2085.	3.0	5
2	Design of Balanced Wideband BPF Based on Tri-Mode Slotline Resonators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2767-2771.	3.0	5
3	A balanced dual-band BPF with quasi-independently tunable center frequency and bandwidth. Frequenz, 2022, .	0.9	0
4	A Balanced Filtering Directional Coupler Based on Slotline Using Asymmetric Parallel Loaded Branches. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 1222-1231.	2.5	3
5	Balanced Wideband Quasi-Schiffman Phase Shifters Based on Slotlines. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4283-4287.	3.0	2
6	A broadband and low <sc>crossâ€polarization</sc> balanced <sc>dualâ€polarized</sc> cross <sc>quasiâ€yagi</sc> antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22537.	1.2	2
7	Broadband folded reflectarray based on singleâ€layer subwavelength elements using discrete phase control. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22710.	1.2	1
8	Broadband Folded Reflectarray Antenna Using Single-Layer Cross-Polarization Conversion Subwavelength Elements. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 612-616.	4.0	17
9	A Circularly Polarized 3-D Printed Dielectric Transmitarray Antenna at Millimeter-Wave Band. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1264-1268.	4.0	14
10	Single-Ended-to-Balanced Broadband/Filtering Planar Magic-Ts With High Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3236-3245.	4.6	15
11	A Novel Simulation Method for Analyzing Diode Electrical Characteristics Based on Neural Networks. Electronics (Switzerland), 2021, 10, 2337.	3.1	4
12	A Reconfigurable Balanced Dual-Band Bandpass Filter With Constant Absolute Bandwidth and High Selectivity. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4029-4040.	4.6	11
13	3-D Printed Conformal Dielectric Linear-to-Circular Polarization Converters for Cylindrical and Spherical Surfaces. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2539-2543.	4.0	5
14	A balanced dualâ€band bandpass filter with a wide stopband and controllable differentialâ€mode frequencies and fractional bandwidths. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22013.	1.2	7
15	A dualâ€polarized crossâ€dipole antenna with wide beam and high isolation for base station. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22373.	1.2	2
16	A BTB UWB power divider with arbitrary powerâ€dividing ratio based on threeâ€slotline structure. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22361.	1.2	1
17	A tunable balanced dualâ€band <sc>BPF</sc> with quasiâ€independently controlled center frequency and bandwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22396.	1.2	3
18	Compact Balanced Dual-Band BPFs Based on Short and Open Stub Loaded Resonators With Wide Common-Mode Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3043-3047.	3.0	26

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19	Design of a balanced dual-band BPF with high selectivity. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 3536-3541.	1.4	4
20	Balanced-to-Single-Ended Four-Way Out-of-Phase Power Divider and Its Application to Broadband Balanced Quasi-Yagi Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1370-1374.	4.0	12
21	Balanced-to-Balanced Diplexer and Quadruplexer With High Selectivity and Wide CM Suppression. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 2467-2471.	3.0	12
22	Linear-to-circular polarization conversion based on all-dielectric 3D-printed metasurface for the application of broadband circularly polarized reflectarray antenna. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 265106.	2.8	2
23	Tunable balanced to balanced filtering power divider with high common-mode suppression. <i>Frequenz</i> , 2020, 74, 263-270.	0.9	0
24	A balanced-to-balanced directional coupler based on branch-slotline coupled structure. <i>Frequenz</i> , 2020, 74, 427-433.	0.9	2
25	A Balanced Filtering Quasi-Yagi Antenna With Low Cross-Polarization Levels and High Common-Mode Suppression. <i>IEEE Access</i> , 2019, 7, 100113-100119.	4.2	29
26	A Balanced Quad-Band BPF With Independently Controllable Frequencies and High Selectivity. <i>IEEE Access</i> , 2019, 7, 110316-110322.	4.2	14
27	A Balanced Dual-Band BPF with High CM Suppression and Improved Selectivity. <i>Frequenz</i> , 2019, 73, 261-265.	0.9	0
28	Balanced Quad-Band Bandpass Filter With Controllable Frequencies and Bandwidths. <i>IEEE Access</i> , 2019, 7, 140470-140477.	4.2	6
29	A highly selective balanced wideband bandpass filter based on nested split-ring resonators. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21875.	1.2	4
30	A Dual-Band Balanced-to-Balanced Power Divider With High Selectivity and Wide Stopband. <i>IEEE Access</i> , 2019, 7, 40114-40119.	4.2	14
31	A dual-polarized low-profile microstrip patch antenna with U-shaped feed network. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21722.	1.2	4
32	A balanced dual-band BPF with independently controllable frequencies and bandwidths. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21699.	1.2	4
33	A balanced UWB power divider based on parallel coupling slotlines with improved isolation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21510.	1.2	2
34	Compact Balanced Single-Band and Dual-Band BPFs with Controllable Bandwidth Using Folded S-Shaped Slotline Resonators (FSSRs). <i>Frequenz</i> , 2019, 73, 13-18.	0.9	5
35	A Balanced-to-Balanced In-Phase Filtering Power Divider With High Selectivity and Isolation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019, 67, 683-694.	4.6	38
36	A balanced dual-band bandpass filter with independently tunable differential-mode frequencies. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21295.	1.2	4

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37	Wideband bandpass filter based on U-slotted SW-HMSIW cavities. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21178.	1.2	4
38	Electronically Reconfigurable Varactor-Loaded HMSIW Bandpass Filter. Frequenz, 2018, 72, 227-230.	0.9	3
39	Design of Circularly Polarized Dielectric Resonator Reflectarray Antenna. , 2018, , .		6
40	Design and Measurement of a 220 GHz Wideband 3-D Printed Dielectric Reflectarray. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2094-2098.	4.0	41
41	A Differential UWB Quasi-Yagi Antenna with A Reconfigurable Notched Band. Frequenz, 2018, 72, 401-406.	0.9	1
42	Compact Diplexer with High Isolation and Wide Stopband Based on SIRs. Frequenz, 2017, 71, 227-230.	0.9	2
43	Balanced UWB power divider with one narrow notch-band. Electronics Letters, 2017, 53, 1524-1526.	1.0	9
44	UWB Filtering Power Divider with Two Narrow Notch-bands and Wide Stop-band. Frequenz, 2017, 72, .	0.9	0
45	Tunable Balanced Bandpass Filter with High Common-mode Suppression Based on SLSRs. Frequenz, 2017, 71, .	0.9	1
46	Design of Single- and Dual-Band Power Dividers Integrated Filtering Responses Based on SIRs. Frequenz, 2016, 70, .	0.9	3
47	A single-layer wideband reflectarray with sub-wavelength phase-shifting elements. , 2016, , .		1
48	Design of multi-band bandpass filters based on stub loaded stepped-impedance resonator with defected microstrip structure. IET Microwaves, Antennas and Propagation, 2016, 10, 230-236.	1.4	43
49	Compact Balanced Dual- and Tri-Band BPFs Based on Coupled Complementary Split-Ring Resonators (C-CSRR). IEEE Microwave and Wireless Components Letters, 2016, 26, 107-109.	3.2	80
50	Compact filtering power divider with improved out-of-band performance. Microwave and Optical Technology Letters, 2015, 57, 2274-2277.	1.4	6
51	Super compact UWB BPF with one narrow notched band and wide stopband. Microwave and Optical Technology Letters, 2015, 57, 763-765.	1.4	5
52	Compact Balanced Dual- and Tri-band Bandpass Filters Based on Stub Loaded Resonators. IEEE Microwave and Wireless Components Letters, 2015, 25, 76-78.	3.2	91
53	Compact UWB BPF with notch band based on SW-HMSIW. Electronics Letters, 2015, 51, 1338-1339.	1.0	26
54	A compact quad-band bandpass filter using novel stub-loaded SIR structure. Microwave and Optical Technology Letters, 2014, 56, 538-542.	1.4	18

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55	Compact balanced UWB bandpass filter with one narrow notched band. Microwave and Optical Technology Letters, 2014, 56, 1626-1629.	1.4	2
56	Compact quadband BPF based on stub loaded double-ring resonator. Microwave and Optical Technology Letters, 2014, 56, 1633-1635.	1.4	2
57	Wideband bandpass filter with a broad stopband based on a triple-mode stub-loaded resonator. Microwave and Optical Technology Letters, 2014, 56, 2878-2881.	1.4	4
58	Ultra-wideband bandpass filter with dual narrow notched bands based on dual-mode stepped impedance resonator. Microwave and Optical Technology Letters, 2013, 55, 727-730.	1.4	12
59	Compact UWB directional coupler with one notch-band. Journal of Electromagnetic Waves and Applications, 2013, 27, 599-604.	1.6	2
60	Compact UWB BPF with triple-notched bands based on stub loaded resonator. Electronics Letters, 2013, 49, 124-126.	1.0	30
61	Compact UWB Bandpass Filter With Dual Notched Bands Based on SCRLH Resonator. IEEE Microwave and Wireless Components Letters, 2011, 21, 28-30.	3.2	95
62	A new directional coupler for UHF RFID reader. Microwave and Optical Technology Letters, 2008, 50, 1973-1975.	1.4	7
63	Design of a compact microstrip lowpass filter using defected ground structure. Microwave and Optical Technology Letters, 2008, 50, 3157-3160.	1.4	12
64	An Adaptive Watermark Scheme Based on Contourlet Transform. , 2008, , .		2
65	Compact balanced tri-band bandpass filter based on stub loaded resonator with high selectivity. International Journal of RF and Microwave Computer-Aided Engineering, 0, , e22911.	1.2	3
66	Design of balanced <sc>UWB BPF</sc> based on quint-mode slotline resonator. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	1.2	0