

Yongrong Shi

List of Publications by Year in descending order

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522
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#	ARTICLE	IF	CITATIONS
1	Bandpass Filter With Ultra-Wide Upper Stopband on GaAs IPD Technology. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 389-393.	3.0	7
2	Analysis and Modeling of Wideband Common-Mode Absorption With Lossy Complementary Split-Ring Resonator Chain in Resistor-Free Differential Microstrip Lines. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1048-1058.	4.6	12
3	Broadband High-Efficiency Quasi-Class-J Power Amplifier Based on Nonlinear Output Capacitance Effect. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2091-2095.	3.0	24
4	Novel Wideband Bandpass Filters Using Double-Sided Quasi-SSPPs Transmission Line. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3174-3178.	3.0	5
5	Ultra-Low-Loss Millimeter-Wave LTCC Bandpass Filters Based on Flexible Design of Lumped and Distributed Circuits. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1123-1127.	3.0	25
6	Compact Planar W-Band Front-End Module Based on EBG Packaging and LTCC Circuits. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 878-882.	3.0	3
7	W-Band Gap Waveguide Antenna Array: Passive/Active Component Gap Waveguide Transition Interface for System Integration. IEEE Antennas and Propagation Magazine, 2021, 63, 40-49.	1.4	9
8	Differentially Fed Dual-Mode Patch Antenna With Wideband Common-Mode Absorption and Its Array Application. IEEE Transactions on Antennas and Propagation, 2021, 69, 8937-8942.	5.1	5
9	High performance bandpass filters using printed circuit board packaging technique. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22645.	1.2	1
10	Compact wideband Wilkinson power divider on gallium arsenide-based integrated passive device technology. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22718.	1.2	2
11	Millimeter-Wave Dual-Band Bandpass Filter With Large Bandwidth Ratio Using GaAs-Based Integrated Passive Device Technology. IEEE Electron Device Letters, 2021, 42, 493-496.	3.9	16
12	A compact low insertion loss Ka-band GaAs MMIC traveling wave switch with absorptive characteristic. Microwave and Optical Technology Letters, 2021, 63, 2364-2369.	1.4	3
13	A Dual-Polarized Bandpass Frequency Selective Surface With Stable Response. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 673-677.	4.0	6
14	Novel High Gain W-band Antenna Array Using Ridge Gap Waveguide Technology. , 2021, , .		1
15	A Miniaturized Ka-Band Bandpass Filter Using Folded Hybrid Resonators Based on Monolithic Microwave Integrated Circuit Technology. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1778-1782.	3.0	6
16	Stripline forward-wave directional coupler based on double multi-via mushroom and short-circuited branch line. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22850.	1.2	1
17	Low Insertion-Loss MMIC Bandpass Filter Using Lumped-Distributed Parameters for 5G Millimeter-Wave Application. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 98-108.	2.5	28
18	Millimeter-Wave Double Ridge Gap Waveguide Six-Port Network Based on Multi-Via Mushroom. IEEE Transactions on Plasma Science, 2021, 49, 3778-3785.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Overview of Electromagnetic Bandgap for Microwave and Millimeter-wave Packaging. , 2021, , .		0
20	Wideband and Miniaturized Forward-Wave Directional Coupler Using Periodical Parallel Plates and Vertical Meander Lines. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2402-2406.	3.0	26
21	Dual-Band balanced coupler with wideband common-mode suppression. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22077.	1.2	2
22	Quad-Mode LTCC Surface Mounted Packaging Common-Mode Filter Based on the Asymmetric Short-Stub Loaded Resonator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1944-1948.	3.0	6
23	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.	4.6	14
24	Balanced to Unbalanced: An Overview of Multifunctional Wideband Balanced-to-Unbalanced Four- and Five-Port Filtering Power Dividers. IEEE Microwave Magazine, 2020, 21, 50-57.	0.8	3
25	77/79-GHz Forward-Wave Directional Coupler Component Based on Microstrip and SIW for FMCW Radar Application. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1879-1888.	2.5	6
26	A Novel Leaky Wave Endfire Filtering Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Transactions on Plasma Science, 2020, 48, 3061-3066.	1.3	22
27	Novel Differential Bandpass Filter Using Spoof Surface Plasmon Polaritons. IEEE Transactions on Plasma Science, 2020, 48, 2083-2088.	1.3	17
28	Parallel Plate Cavity Mode Suppression by Miniaturized 2.5-D Electromagnetic Bandgap Structure for Low Frequency Microwave Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3068-3072.	3.0	3
29	Dual-Band Branch-Line Couplers With Short/Open-Ended Stubs. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2497-2501.	3.0	14
30	High-Selectivity Narrow- and Wide-band Input-Reflectionless Bandpass Filters with Intercoupled Dual-Behavior Resonators. IEEE Transactions on Plasma Science, 2020, 48, 446-454.	1.3	32
31	A GaAs-Based Ultra-Wideband Common-Mode Filter Chip With Four Transmission Zeros and Equalization Integration. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2002-2011.	2.2	11
32	Compact and low insertion loss UWB on-chip bandpass filter using coupled meandered line. Microwave and Optical Technology Letters, 2020, 62, 2236-2242.	1.4	6
33	A Compact Millimeter-Wave Frequency Conversion SOP (System on Package) Module Based on LTCC Technology. IEEE Transactions on Vehicular Technology, 2020, 69, 5923-5932.	6.3	6
34	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.	1.3	12
35	High-Performance Wideband Balanced Bandpass Filter Based on Transversal Signal-Interference Techniques. IEEE Transactions on Plasma Science, 2020, 48, 4119-4126.	1.3	6
36	Overview of Four Transmission Zeros for Ultra-wideband Common-Mode Noise Suppression in the High-Speed Digital Circuits. , 2020, , .		0

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37	High Selectivity Balanced-to-Unbalanced Filtering Power Dividers Using Dual-Mode Ring Resonators. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 927-935.	2.5	11
38	W-Band LTCC Circularly Polarized Antenna Array With Mixed U-Type Substrate Integrated Waveguide and Ridge Gap Waveguide Feeding Networks. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2399-2403.	4.0	21
39	Silicon Interposer Package for MMIC Heterogeneous Integration Based on Gold/Solder Ball Flip-Chip Technique. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1659-1662.	2.5	11
40	W-band Dielectric Lens Horn Antenna and FMCW Circuit Module for SAR Imaging Radar. , 2019, , .		5
41	Ridge Gap Waveguide Layer Transition for Compact 3-D Waveguide Packaging Application. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 2136-2139.	2.5	9
42	A Bandpass Push-Pull High Power Amplifier Based on SIW Filtering Balun Power Divider. IEEE Transactions on Plasma Science, 2019, 47, 4281-4286.	1.3	25
43	Compact dual-band single-ended balanced power dividers with open/short-ended stubs. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21812.	1.2	4
44	Ka-Band 8-Element Low-Sidelobe Slot Antenna Array Using a 1-to-64 High-Efficiency Network Designed by New Printed RGW Technology. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1248-1252.	4.0	29
45	Compact three-dimensional bandpass FSS with high selectivity based on split square coaxial waveguide. Electronics Letters, 2019, 55, 1135-1137.	1.0	8
46	Dual-band three-dimensional FSS with high selectivity and small band ratio. Electronics Letters, 2019, 55, 798-799.	1.0	8
47	Dual-Polarized Bandpass Three-Dimensional FSS Based on Square Waveguide Structure. , 2019, , .		0
48	Ka-band Six-Port Network Using Double Ridge Gap Waveguide Technology. , 2019, , .		0
49	28-GHz High-Selectivity Bandpass Filters With Dual-Behavior Resonators Using GaAs Technology. IEEE Transactions on Plasma Science, 2019, 47, 5277-5282.	1.3	20
50	Balanced Rat-Race Couplers With Wideband Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4724-4732.	4.6	22
51	Novel Ultrawideband and Multimode LTCC Common-Mode Filter Based on the Dual Vertical Coupling Paths. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1345-1353.	2.5	14
52	Multi-Functional Balanced-to-Unbalanced Filtering Power Dividers With Extended Upper Stopband. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1154-1158.	3.0	33
53	Novel $\frac{W}{2}$ -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
54	Miniaturized W-Band Gap Waveguide Bandpass Filter Using the MEMS Technique for Both Waveguide and Surface Mounted Packaging. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 938-942.	3.0	32

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55	Dual-Polarized Bandpass Frequency-Selective Surface With Quasi-Elliptic Response Based on Square Coaxial Waveguide. IEEE Transactions on Antennas and Propagation, 2018, 66, 1331-1339.	5.1	57
56	Novel $\frac{W}{\lambda}$ -Band Millimeter-Wave Transition From Microstrip Line to Groove Gap Waveguide for MMIC Integration and Antenna Application. IEEE Transactions on Antennas and Propagation, 2018, 66, 3172-3176.	5.1	33
57	Parallel Plate Mode Suppression in Low-Frequency Microwave Circuit Packages Using Lid of 3-D Cross by a 3-D Printing Technique. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1268-1271.	2.2	16
58	COMMON-MODE SUPPRESSION DESIGN FOR GIGAHERTZ DIFFERENTIAL SIGNALS BASED ON C-SLOTLINE. Progress in Electromagnetics Research C, 2016, 61, 17-26.	0.9	2
59	Mode Analysis of Miniaturized and Stopband-Enhanced Composite Electromagnetic Bandgap Structure for Power/Ground Noise Suppression. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 532-537.	2.2	6
60	Ultra-Wideband Suppression of Power/Ground Noise in High-Speed Circuits Using a Novel Electromagnetic Bandgap Power Plane. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2013, 3, 653-660.	2.5	16
61	Miniaturized C-EBG power/ground planes on substrate integrated artificial dielectric with stopband enhancement. , 2013, , .		1
62	Ultra wideband lumped Wilkinson power divider on gallium arsenide integrated passive device technology. International Journal of RF and Microwave Computer-Aided Engineering, 0, , e22898.	1.2	1