

Haiwen Liu

List of Publications by Year in descending order

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papers

2,569
citations

218677

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159
all docs

159
docs citations

159
times ranked

1892
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Vortex Beam Generation Using Multimode Pancharatnam Berry Metasurface. IEEE Transactions on Antennas and Propagation, 2017, 65, 7378-7382.	5.1	178
2	A Compact Gain-Enhanced Vivaldi Antenna Array With Suppressed Mutual Coupling for 5G mmWave Application. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 776-779.	4.0	160
3	Compact and High-Isolation Diplexer Using Dual-Mode Stub-Loaded Resonators. IEEE Microwave and Wireless Components Letters, 2014, 24, 385-387.	3.2	141
4	Compact Diplexer Using Slotline Stepped Impedance Resonator. IEEE Microwave and Wireless Components Letters, 2013, 23, 75-77.	3.2	99
5	Slow-Wave Half-Mode Substrate Integrated Waveguide Using Spoof Surface Plasmon Polariton Structure. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 2946-2952.	4.6	91
6	Wavevector and Frequency Multiplexing Performed by a Spin-Decoupled Multichannel Metasurface. Advanced Materials Technologies, 2020, 5, 1900710.	5.8	87
7	High Gain, Broadband and Dual-Polarized Substrate Integrated Waveguide Cavity-Backed Slot Antenna Array for 60 GHz Band. IEEE Access, 2018, 6, 31012-31022.	4.2	75
8	Wavenumber-Splitting Metasurfaces Achieve Multichannel Diffusive Invisibility. Advanced Optical Materials, 2018, 6, 1800010.	7.3	70
9	Compact Dual-Band Bandpass Filter Using Quadruple-Mode Square Ring Loaded Resonator (SRLR). IEEE Microwave and Wireless Components Letters, 2013, 23, 181-183.	3.2	61
10	Quad-Band High-Temperature Superconducting Bandpass Filter Using Quadruple-Mode Square Ring Loaded Resonator. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 2931-2941.	4.6	59
11	A New Method for Achieving Miniaturization and Gain Enhancement of Vivaldi Antenna Array Based on Anisotropic Metasurface. IEEE Transactions on Antennas and Propagation, 2019, 67, 1952-1956.	5.1	59
12	Goubau-Line Leaky-Wave Antenna for Wide-Angle Beam Scanning From Backfire to Endfire. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1571-1574.	4.0	54
13	Millimeter-Wave Rectangular Dielectric Resonator Antenna Array With Enlarged DRA Dimensions, Wideband Capability, and High-Gain Performance. IEEE Transactions on Antennas and Propagation, 2020, 68, 3271-3276.	5.1	51
14	High-Order Dual-Band Superconducting Bandpass Filter With Controllable Bandwidths and Multitransmission Zeros. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3813-3823.	4.6	49
15	A Miniaturized Gain-Enhanced Antipodal Vivaldi Antenna and Its Array for 5G Communication Applications. IEEE Access, 2018, 6, 76282-76288.	4.2	46
16	Quad-Band CPW-Fed Monopole Antenna Based on Flexible Pentangle-Loop Radiator. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1373-1376.	4.0	45
17	Dual-Band and Dual-Polarized Leaky-Wave Antenna Based on Slotted SIW. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 507-511.	4.0	44
18	High-Isolation and Wide-Stopband SIW Diplexer Using Mixed Electric and Magnetic Coupling. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 32-36.	3.0	43

#	ARTICLE	IF	CITATIONS
19	Compact Dual-Band Differential Bandpass Filter Using Quadruple-Mode Stepped-Impedance Square Ring Loaded Resonators. IEEE Access, 2018, 6, 21850-21858.	4.2	41
20	A Compact Phase-Controlled Pattern-Reconfigurable Dielectric Resonator Antenna for Passive Wide-Angle Beam Scanning. IEEE Transactions on Antennas and Propagation, 2021, 69, 2981-2986.	5.1	40
21	Deterministic Approach to Achieve Full-Polarization Cloak. Research, 2021, 2021, 6382172.	5.7	39
22	Dual-Band Filtering Power Divider Using Dual-Resonance Resonators With Ultrawide Stopband and Good Isolation. IEEE Microwave and Wireless Components Letters, 2019, 29, 101-103.	3.2	34
23	Vivaldi Antenna Array Using Defected Ground Structure for Edge Effect Restraint and Back Radiation Suppression. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 84-88.	4.0	34
24	Differential Dual-Band Superconducting Bandpass Filter Using Multimode Square Ring Loaded Resonators With Controllable Bandwidths. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 726-737.	4.6	32
25	Compact Balanced Bandpass Filter Design Using Asymmetric SIR Pairs and Spoof Surface Plasmon Polariton Feeding Structure. IEEE Microwave and Wireless Components Letters, 2018, 28, 987-989.	3.2	29
26	High-efficiency broadband polarization-independent superscatterer using conformal metasurfaces. Photonics Research, 2018, 6, 782.	7.0	29
27	Substrate Integrated Waveguide Filtenna With Two Controllable Radiation Nulls. IEEE Access, 2020, 8, 120019-120024.	4.2	28
28	Single-Fed Dual-Circularly Polarized Stacked Dielectric Resonator Antenna for K/Ka-Band UAV Satellite Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 4449-4453.	6.3	28
29	Lossy Coupling Matrix Synthesis Approach for the Realization of Negative Group Delay Response. IEEE Access, 2018, 6, 1916-1926.	4.2	25
30	Design Wideband Differential Bandpass Filter Using Slotline Surface Plasmon Polaritons. IEEE Access, 2019, 7, 44212-44218.	4.2	23
31	Compact Wide-Stopband Dual-Band Balanced Filter Using an Electromagnetically Coupled SIR Pair With Controllable Transmission Zeros and Bandwidths. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2357-2361.	3.0	23
32	Balanced Dual-Band Superconducting Filter Using Stepped-Impedance Resonators With High Band-to-Band Isolation and Wide Stopband. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 131-135.	3.0	23
33	Low-Profile and Miniaturized Dual-Band Microstrip Patch Antenna for 5G Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2022, 70, 2328-2333.	5.1	23
34	Balanced Tri-Band Bandpass Filter Design Using Octo-Section Stepped-Impedance Ring Resonator With Open Stubs. IEEE Microwave and Wireless Components Letters, 2017, 27, 912-914.	3.2	22
35	Design of Multistate Diplexers on Uniform- and Stepped-Impedance Stub-Loaded Resonators. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1452-1460.	4.6	22
36	Compact Balanced Dual-Band Bandpass Filter With High Common-Mode Suppression Using Planar Via-Free CRLH Resonator. IEEE Microwave and Wireless Components Letters, 2018, 28, 996-998.	3.2	21

#	ARTICLE	IF	CITATIONS
37	Design of Tri-Band Balanced Filter With Wideband Common-Mode Suppression and Upper Stopband Using Square Ring Loaded Resonator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1760-1764.	3.0	21
38	Compact Phase-Reconfigurable Couplers With Wide Tuning Range. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 681-692.	4.6	21
39	Compact, Low Insertion-Loss, and Wide Stopband HTS Diplexer Using Novel Coupling Diagram and Dissimilar Spiral Resonators. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 2581-2589.	4.6	20
40	A Novel Single-Feed Filtering Dielectric Resonator Antenna Using Slotline Stepped-Impedance Resonator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3426-3430.	3.0	20
41	Co-Design of Wideband Filtering Dielectric Resonator Antenna With High Gain. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1064-1068.	3.0	20
42	A Miniaturized and High Gain Double-Slot Vivaldi Antenna Using Wideband Index-Near-Zero Metasurface. IEEE Access, 2018, 6, 72015-72024.	4.2	19
43	A frequency reconfigurable antenna for multiband mobile handset applications. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21143.	1.2	17
44	A Novel Design Method for High Isolated Microstrip Diplexers Without Extra Matching Circuit. IEEE Access, 2019, 7, 119681-119688.	4.2	17
45	Miniature dual-band bandpass filter using modified quarter-wavelength SIRs with controllable passbands. Electronics Letters, 2019, 55, 38-40.	1.0	17
46	A compact wide-band antipodal Vivaldi antenna design. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21598.	1.2	16
47	A Wideband Circular-Polarized Beam Steering Dielectric Resonator Antenna Using Gravitational Ball Lens. IEEE Transactions on Antennas and Propagation, 2021, 69, 2963-2968.	5.1	16
48	Compact Triple-Band High-Temperature Superconducting Filter Using Multimode Stub-Loaded Resonator for ISM, WiMAX, and WLAN Applications. IEEE Transactions on Applied Superconductivity, 2013, 23, 99-103.	1.7	15
49	Single-Ended Band-Notched Vivaldi Antenna With Common Mode Suppression and Low Cross Polarization. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1983-1987.	4.0	14
50	Wideband and Low-Loss High-Temperature Superconducting Bandpass Filter Based on Metamaterial Stepped-Impedance Resonator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	13
51	Differentially Fed Duplex Filtering Dielectric Resonator Antenna With High Isolation and CM Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 979-983.	3.0	13
52	Compact Dual-Band HTS Bandpass Filter Using Spirally Asymmetric Stepped-Impedance Resonators. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	11
53	Low-Profile Circularly Polarized Staircase Curl Antenna Array With 2:1 Impedance and 50% AR Bandwidths for 5G mmW Communications. IEEE Transactions on Antennas and Propagation, 2022, 70, 3082-3087.	5.1	11
54	Dual-mode dual-band bandpass filters design using open-loop slotline resonators. IET Microwaves, Antennas and Propagation, 2013, 7, 1027-1034.	1.4	10

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55	Dual-Band High-Temperature Superconducting Bandpass Filter Using Dual-Mode Hairpin Ring Resonator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	10
56	Triband High-Temperature Superconducting Bandpass Filters Using Multimode Resonators. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-6.	1.7	10
57	Design of High-Temperature Superconducting Wideband Bandpass Filter With Narrow-Band Notch Resonators for Radio Telescope Application. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	10
58	Balanced tri-band bandpass filter using sext-mode stepped-impedance square ring loaded resonators. IEICE Electronics Express, 2018, 15, 20180670-20180670.	0.8	10
59	Novel Tri-Band High-Temperature Superconducting Bandpass Filters Using Asymmetric Shunted-Line Stepped-Impedance Resonator (SLSIR). IEEE Access, 2019, 7, 32504-32509.	4.2	9
60	Circular Polarized 3-D-Printed Dielectric Loaded Antenna Using Inset Waveguide-to-Dielectric Transition for 5G Millimeter-Wave Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1929-1932.	4.0	9
61	Design of Quad-Channel High-Temperature Superconducting Diplexer Using Spiral Stub-Loaded Resonators. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	8
62	High-Order Balanced Superconducting Filter With High Selectivity, Low Insertion Loss, and Wide Stopband Range For Radio Astronomy. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2720-2729.	4.6	8
63	Single-Layer Fixed-Frequency Beam-Scanning Goubau-Line Antenna Using Switched PIN Diodes. IEEE Microwave and Wireless Components Letters, 2019, 29, 430-432.	3.2	8
64	Compact Dual-Band Wilkinson Power Divider Design Using Via-Free D-CRLH Resonators for Beidou Navigation Satellite System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 65-69.	3.0	8
65	Suspended Metasurface for Broadband High-Efficiency Vortex Beam Generation. Materials, 2022, 15, 707.	2.9	8
66	High-Order Balanced Dual-Band HTS BPF With Flexible Frequency Ratio and Sharp Rejection Skirts. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2185-2195.	4.6	8
67	Compact Triple-Band Superconducting Filter Based on a Multimode Stepped-Impedance Split-Ring Resonator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	7
68	High-Temperature Superconducting Composite Right/Left-Handed Resonator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	7
69	Design of Compact Balanced-to-Balanced Diplexer Using Dual-Mode CRLH Resonator for RFID and 5G Applications. IEEE Journal of Radio Frequency Identification, 2019, 3, 143-148.	2.3	7
70	An efficient dual-band filter-antenna design based on simplified integration methodology. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21704.	1.2	7
71	Single-feed wideband circularly polarized patch antenna using dual mode defected ground waveguide coupling structure. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21494.	1.2	7
72	Compact dual-band bandpass filter and diplexer using hybrid resonant structure with independently controllable dual passbands. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21435.	1.2	7

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73	Multiplexed Metasurfaces: Wavevector and Frequency Multiplexing Performed by a Spin-Decoupled Multichannel Metasurface (Adv. Mater. Technol. 1/2020). Advanced Materials Technologies, 2020, 5, 2070005.	5.8	7
74	An antipodal Vivaldi antenna array based on spoof surface plasmon polariton metamaterial with 5G mm Wave suppression. Journal Physics D: Applied Physics, 2021, 54, 28LT02.	2.8	7
75	Novel Pattern-Diverse Millimeter-Wave Antenna With Broadband, High-Gain, Enhanced-Coverage for Energy-Efficient Unmanned Aerial Vehicle. IEEE Transactions on Vehicular Technology, 2021, 70, 4081-4087.	6.3	7
76	Compact Tri-Band Bandpass Filter Using Quintuple-Mode Stub-Loaded Resonator. Electromagnetics, 2014, 34, 545-552.	0.7	6
77	Miniaturized High-Temperature Superconducting Diplexer Using Common Resonator and Cross Coupling Structure. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	6
78	Bandwidth- and Gain-Enhanced Vivaldi Antenna Array Fed by Non-uniform T-junction Power Divider for Radio Astronomy Application. , 2018, , .		6
79	A flexible and compact tri-band antenna for vehicular wireless video transmission systems. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22741.	1.2	6
80	Highly Selective and Controllable Superconducting Dual-Band Differential Filter With Attractive Common-Mode Rejection. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 939-943.	3.0	6
81	A Defected Ground Structure without Ground Contact Problem and Application to Branch Line Couplers. International Journal of Antennas and Propagation, 2013, 2013, 1-5.	1.2	5
82	High isolation tunable diplexer based on mixed electromagnetic coupling. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21199.	1.2	5
83	A miniaturized dual-band bandpass filter using composite resonators with flexible frequency ratio. IEICE Electronics Express, 2018, 15, 20180059-20180059.	0.8	5
84	Design of triple-band bandpass filter using quad-mode stepped impedance resonator (SIR) with shorted stub. IEICE Electronics Express, 2018, 15, 20171219-20171219.	0.8	5
85	Miniaturized High Temperature Superconducting Bandpass Filter Based on D-CRLH Resonators. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	5
86	All Passive Realization of Lossy Coupling Matrices Using Resistive Decomposition Technique. IEEE Access, 2019, 7, 5095-5105.	4.2	5
87	A Novel Wideband 90° Filtering Phase Shifter Using Broadside-Coupled MSLs. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2742-2746.	3.0	5
88	Synthesis Design of Wideband Phase Shifters Using Coupled-Line Structure. IEEE Microwave and Wireless Components Letters, 2022, 32, 515-518.	3.2	5
89	Novel microstrip dual-band bandpass filter with wide stopband and high isolation. Microwave and Optical Technology Letters, 2011, 53, 803-806.	1.4	4
90	A novel ultra-wide band bandpass filter with notched band using slotline and microstrip resonators. Microwave and Optical Technology Letters, 2011, 53, 2949-2951.	1.4	4

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91	Compact quad-band superconducting metamaterial filter based on split ring resonator. Applied Physics Letters, 2014, 104, .	3.3	4
92	Compact dual-band bandpass filter using stub-loaded stepped impedance resonators with mixed electric and magnetic couplings. , 2017, , .		4
93	Dual mode circularly polarised patch antenna excited by dual mode defected ground square ring resonator. , 2017, , .		4
94	Design of a Sixth-Order Switchable Superconducting Balanced Filter Using Asymmetric Coupled SIRs. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	4
95	3-D Printed mm-Wave Filter Using Increased-Height DGS Resonator for Spurious Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4293-4297.	3.0	4
96	A cross-shaped stepped-impedance resonator bandpass filter with wide stopband. , 2010, , .		3
97	Observation of tunable nonlinear effects in an analogue of superconducting composite right/left hand filter. Scientific Reports, 2015, 5, 14846.	3.3	3
98	Design of Wide-Band Bandpass Filter Using Composite Right/Left-Handed Transmission Line Structure. Active and Passive Electronic Components, 2016, 2016, 1-5.	0.3	3
99	Design of fourth-order dual-band superconducting filter using dual-mode resonator. , 2017, , .		3
100	Design of defective electromagnetic band-gap structures for use in dual-band patch antennas. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21287.	1.2	3
101	Computer-Aided Tuning of Highly Lossy Microwave Filters Using Complex Coupling Matrix Decomposition and Extraction. IEEE Access, 2018, 6, 57172-57179.	4.2	3
102	Coupling Matrix Extraction Technique for Auto Tuning of Highly Lossy Filters. , 2018, , .		3
103	Compact Multi-Band Differential Bandpass Filters Using Microstrip Multi-mode Resonators. , 2019, , .		3
104	Miniaturized tri-band bandpass filter design using quarter-wavelength shunted-line stepped-impedance resonators (SLSIRs) with multi-transmission zeros. Journal Physics D: Applied Physics, 2021, 54, 185102.	2.8	3
105	Passive-Shaped Beam Synthesis Using Pattern Diversity Dielectric Resonator Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1115-1119.	4.0	3
106	Multi-Band HTS Bandpass Filters Using Multimode Square Ring Loaded Resonators. , 2020, , .		3
107	Design of tri-band microstrip bandpass filter using folded tri-section stepped-impedance resonator. Microwave and Optical Technology Letters, 2010, 52, 895-898.	1.4	2
108	A bandpass filter based on fractal shaped defected ground structure resonators for wireless communication. , 2010, , .		2

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109	An ultra-wideband bandpass filter using cross-shaped triple-mode resonator. , 2010, , .		2
110	A novel substrate integrated waveguide circular cavity bandpass filter loaded with complementary Split Ring Resonator. , 2010, , .		2
111	A microstrip dual-band bandpass filter based on a novel admittance inverter. , 2010, , .		2
112	Novel band-notch monopole ultra-wideband antenna with external load. , 2012, , .		2
113	Novel hybrid four-mode microstrip bandpass filter using two paralleled stub-loaded resonators. Microwave and Optical Technology Letters, 2013, 55, 840-845.	1.4	2
114	Design of a compact diplexer using microstrip and slotline dual-mode resonators. , 2017, , .		2
115	Differential dual-band filter with flexible frequency ratio using H-shaped composite resonator for SCDMA and LTE applications. , 2017, , .		2
116	Compact, High-Selectivity and Wideband Superconducting Bandpass Filter with a Narrow Notched-Band for Radio Astronomy Application. , 2018, , .		2
117	Wide-Stopband Superconducting Bandpass Filter Using Slitted Stepped-Impedance Resonator and Composite Spurline Structure. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-8.	1.7	2
118	Individually controllable dual-band bandpass filter with multiple transmission zeros and wide stopband. IEICE Electronics Express, 2019, 16, 20190127-20190127.	0.8	2
119	Design of compact tri-band bandpass filter using stub-loaded quarter-wavelength SIRs. IEICE Electronics Express, 2019, 16, 20190549-20190549.	0.8	2
120	A Compact Quint-Band Bandpass Filter with High Selectivity Using Uniform Impedance Resonators (UIRs). , 2020, , .		2
121	Compact <sc>high-selectivity</sc> high-temperature superconducting wideband bandpass filter using triple-mode <sc>stub-loaded</sc> loop resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22715.	1.2	2
122	Compact balanced diplexer based on hairpin split ring resonators with high isolation performance. Journal Physics D: Applied Physics, 2022, 55, 095109.	2.8	2
123	Synthesizing Circularly Polarized Multi-Beam Planar Dipole Arrays With Sidelobe and Cross-Polarization Control by Two-Step Element Rotation and Phase Optimization. IEEE Transactions on Antennas and Propagation, 2022, 70, 4379-4391.	5.1	2
124	Compact coplanar waveguide bandpass filter using loaded split-ring resonator. Microwave and Optical Technology Letters, 2009, 51, 1565-1568.	1.4	1
125	Neural Model for Left-Handed CPW Bandpass Filter Loaded Split Ring Resonator. Journal of Infrared, Millimeter, and Terahertz Waves, 2010, 31, 111.	2.2	1
126	Nonlinear behavioral of GaN Doherty power amplifiers using neural modeling. Microwave and Optical Technology Letters, 2010, 52, 307-309.	1.4	1

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127	Artificial Neural Network Method for the Analysis of 1-D Defected Ground Structure. , 2010, , .		1
128	Design of a dual-mode substrate integrated waveguide filter with slot line perturbation. , 2012, , .		1
129	Perforated Ground Plane Structures for RF and Wireless Components. International Journal of Antennas and Propagation, 2013, 2013, 1-2.	1.2	1
130	Design of dual-band superconducting bandpass filter using dual-mode hairpin ring resonator. , 2015, , .		1
131	Design of Quad-Band HTS Bandpass Filter Using Quadruple-Mode Square Ring Loaded Resonator. , 2015, , .		1
132	Compact tri-band bandpass filter using short stud-loaded symmetric loop multimode resonator. , 2016, , .		1
133	Microstrip tri-band bandpass filter using dissimilar stepped-impedance-resonator with controllable multiple transmission zeros. , 2016, , .		1
134	A Miniaturized Double-Vivaldi Antenna With Improved Gain Based on a Novel Metasurface. , 2018, , .		1
135	Compact Balanced Dual-Band Bandpass Filter Based on Sub-wavelength CRLH Resonator for RFID and 5G Application. , 2018, , .		1
136	Stub-Loaded Slotline Structure Coupled Filtering Dielectric Resonator Antenna with Tunable Radiation Nulls. , 2019, , .		1
137	A novel asymmetry C-band dual-mode bandpass filter using pentagon loop resonator. , 2019, , .		1
138	Single-feed circularly polarized rectangular dielectric resonator antenna coupled with dual mode slot-line square ring resonator. IEICE Electronics Express, 2019, 16, 20190083-20190083.	0.8	1
139	Comparison of Metal and Dielectric Millimeter-wave Antennas in 3D Printed Complementary Structures. , 2020, , .		1
140	Design of dual-mode pentagon patch resonator filter using asymmetrical $\hat{\lambda}/4$ interdigital coupled lines. Microwave and Optical Technology Letters, 2009, 51, 2817-2819.	1.4	0
141	Transmission characteristic control of dual-mode filter using spurline technique. , 2010, , .		0
142	Design of a bandpass filter using hybrid planar waveguide resonator and stepped-impedance resonators. International Journal of Electronics Letters, 2013, 1, 55-61.	1.2	0
143	Observation of nonlinearity in dual-band superconducting filter using spirally asymmetric stepped-impedance resonators. , 2015, , .		0
144	A novel hybrid microstrip/slotline transversal wide-band bandpass filter. IEICE Electronics Express, 2016, 13, 20160004-20160004.	0.8	0

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145	Compact tri-band bandpass filter using asymmetric square ring loaded resonator. , 2016, , .		0
146	A Wideband Filtering Antenna Excited by Independent Triple-Mode Resonator. , 2018, , .		0
147	New Design of a Compact 6-pole Reconfigurable Narrowband Triplexer Based on Common Net-type Resonator. , 2018, , .		0
148	SIW Cavity-Backed Slot Filtering Antenna with Tunable Radiation Nulls. , 2019, , .		0
149	A 0.75GHz-1.75GHz SiGe LNA for Cryogenic Application. , 2019, , .		0
150	Multi-band HTS Filters Based on Hybrid-Mode Square Ring Loaded Resonator (SRLR). , 2019, , 117-151.		0
151	Frequency-and-spin Multiplexed Multifunctional Metadevices. , 2019, , .		0
152	An Antipodal Vivaldi Antenna Array with Improved Beam Synthesis Accuracy and Scanning Performance. , 2019, , .		0
153	A Fault-Tolerant Wideband Amplifier Based on Distributed Amplification Topology. IEEE Transactions on Industrial Electronics, 2020, 67, 4516-4526.	7.9	0
154	Balanced wideband bandpass filter design based on asymmetric split ring resonators (ASRRs) with wide stopband and multi-transmission zeros. Journal Physics D: Applied Physics, 2021, 54, 425102.	2.8	0
155	Compact balanced tri-band superconducting bandpass filter using double square ring loaded resonators. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22530.	1.2	0
156	A 3D Printed Plasma Dielectric Resonator Antenna. , 2020, , .		0
157	Millimeter-Wave Circularly Polarized Staircase Curl Antenna Array with 50% Axial Ratio Bandwidth. , 2021, , .		0
158	High-Efficiency Conversion From Rectangular Waveguide Mode to Spoof SPP Using Metasurface. IEEE Photonics Technology Letters, 2022, 34, 783-786.	2.5	0