

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206 papers	1,983 citations	22 h-index	36 g-index
266 ext. papers	2,601 ext. citations	2.1 avg, IF	5.46 L-index

#	Paper	IF	Citations
206	Millimeter-Wave Substrate Integrated Waveguide Long Slot Leaky-Wave Antennas and Two-Dimensional Multibeam Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 40-47	4.9	153
205	Eight-Way Substrate Integrated Waveguide Power Divider With Low Insertion Loss. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 1473-1477	4.1	101
204	Broadband Radial Waveguide Spatial Combiner. <i>IEEE Microwave and Wireless Components Letters</i> , 2008 , 18, 73-75	2.6	72
203	Millimeter-Wave Shaped-Beam Substrate Integrated Conformal Array Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4558-4566	4.9	71
202	A Novel 220-GHz GaN Diode On-Chip Tripler With High Driven Power. <i>IEEE Electron Device Letters</i> , 2019 , 40, 780-783	4.4	67
201	The research on 220GHz multicarrier high-speed communication system. <i>China Communications</i> , 2020 , 17, 131-139	3	66
200	Compact Diplexer With High Isolation Using the Dual-Mode Substrate Integrated Waveguide Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 459-461	2.6	59
199	Compact Ultra-Wideband Bandpass Filter Using Dual-Line Coupling Structure. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 30-32	2.6	55
198	Development of 340-GHz Transceiver Front End Based on GaAs Monolithic Integration Technology for THz Active Imaging Array. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7924	2.6	55
197	Four-hundred gigahertz broadband multi-branch waveguide coupler. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 1175-1179	1.6	44
196	A Wideband Dual Circularly Polarized Full-Corporate Waveguide Array Antenna Fed by Triple-Resonant Cavities. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2135-2139	4.9	43
195	Development of a Resistor-Loaded Ultrawideband Absorber With Antenna Reciprocity. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4910-4913	4.9	42
194	Miniaturized Triple-Band Bandpass Filter Using Coupled Lines and Grounded Stepped Impedance Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 333-335	2.6	38
193	Compact in-phase power divider integrated filtering response using spiral resonator. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 228-234	1.6	34
192	Dual-band in-phase filtering power dividers integrated with stub-loaded resonators. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 695-699	1.6	33
191	Millimeter-Wave Power Amplifier Based on Coaxial-Waveguide Power-Combining Circuits. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 46-48	2.6	31
190	A Dual-Mode Substrate Integrated Waveguide Filter With Controllable Transmission Zeros. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 576-578	2.6	27

189	Wideband Dual-Polarization Patch Antenna Array With Parallel Strip Line Balun Feeding. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1499-1501	3.8	25
188	Compact wide-stopband diplexer using dual mode resonators. <i>Electronics Letters</i> , 2015 , 51, 1085-1087	1.1	24
187	A mechanical reliability study of 3-dB waveguide hybrid couplers in submillimeter and terahertz bands. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 1104-1113	2.2	24
186	Wideband Four-Way Filtering Power Divider With Isolation Performance Using Three Parallel-Coupled Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 800-802	2.6	22
185	Miniaturized Rat-Race Coupler With Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 754-756	2.6	22
184	A 200-225-GHz Manifold-Coupled Multiplexer Utilizing Metal Waveguides. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	22
183	Miniaturised dual-band bandpass filter using modified SIR. <i>Electronics Letters</i> , 2013 , 49, 888-890	1.1	19
182	Planar Ultra-Wideband and Wide-Scanning Dual-Polarized Phased Array with Integrated Coupled-Marchand Balun for High Polarization Isolation and Low Cross-Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	18
181	High-Isolation Diplexer With High Frequency Selectivity Using Substrate Integrate Waveguide Dual-Mode Resonator. <i>IEEE Access</i> , 2019 , 7, 116676-116683	3.5	17
180	Compact Wide-Frequency Tunable Filter With Switchable Bandpass and Bandstop Frequency Response. <i>IEEE Access</i> , 2019 , 7, 47503-47508	3.5	17
179	V-Band Wideband Circularly Polarized Endfire Multibeam Antenna With Wide Beam Coverage. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1616-1620	3.8	16
178	Compact dual-band bandpass filter using simply hybrid structures. <i>Electronics Letters</i> , 2015 , 51, 1265-1266	1.1	16
177	Microstrip/Slotline-Coupling Substrate Integrated Waveguide Power Divider With High Output Isolation. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 95-97	2.6	15
176	Compact Bandpass-to-Bandstop Reconfigurable Filter With Wide Tuning Range. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 198-200	2.6	15
175	220 GHz outdoor wireless communication system based on a Schottky-diode transceiver. <i>IEICE Electronics Express</i> , 2016 , 13, 20160282-20160282	0.5	15
174	Design of Low-Profile Millimeter-Wave Substrate Integrated Waveguide Power Divider/Combiner. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 473-478		15
173	A Hybrid Guided-Wave Structure of Half Mode Substrate Integrated Waveguide and Conductor-Backed SlotLine and its Application in Directional Couplers. <i>IEEE Microwave and Wireless Components Letters</i> , 2011 , 21, 65-67	2.6	14
172	Tri-band filter with multiple transmission zeros and controllable bandwidths. <i>International Journal of Microwave and Wireless Technologies</i> , 2016 , 8, 9-13	0.8	14

171	Dual-Band Coaperture Antenna Based on a Single-Layer Mode Composite Transmission Line. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4825-4829	4.9	13
170	D-Band Wideband Air-Filled Plate Array Antenna With Multistage Impedance Matching Based on MEMS Micromachining Technology. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4502-4511	4.9	13
169	Broad-band power divider based on radial waveguide. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 595-597	1.2	13
168	Novel bandpass-response power divider with high frequency selectivity using centrally stub-loaded resonators. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1560-1562	1.2	12
167	A wideband 8-element omnidirectional array for wireless system. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2944-2946	1.2	12
166	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 1-1	4.1	12
165	Compact High-Isolation Multiplexer With Wide Stopband Using Spiral Defected Ground Resonator. <i>IEEE Access</i> , 2019 , 7, 31702-31710	3.5	11
164	Compact bandpass filter with improved upper stopband. <i>Electronics Letters</i> , 2014 , 50, 1065-1067	1.1	11
163	Compact dual-band bandpass filter using spiral resonators and short-circuited stub-loaded resonator. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1393-1398	1.2	11
162	Wideband Balanced Bandpass Filter With Common-Mode Noise Absorption Using Double-Sided Parallel-Strip Line. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 359-362	2.6	10
161	Design of a low noise 190–40 GHz subharmonic mixer based on 3D geometric modeling of Schottky diodes and CAD load-pull techniques. <i>IEICE Electronics Express</i> , 2016 , 13, 20160604-20160604	0.5	10
160	A switched-beam microstrip antenna array with miniaturized butler matrix network. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 841-845	1.2	10
159	Extremely compact ultra-wideband power divider using hybrid slotline/microstrip-line transition. <i>Electronics Letters</i> , 2015 , 51, 2014-2015	1.1	10
158	Ultra-wideband (UWB) power divider based on signal interference techniques. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1028-1030	1.2	10
157	2.45-GHz wideband harmonic rejection rectenna for wireless power transfer. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 977-983	0.8	9
156	Mode Composite Sandwich Slot Line and its Applications in Antenna Development. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4250-4258	4.9	9
155	Novel wide-stopband bandpass filter with good frequency selectivity based on composite right/left handed transmission line. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2494-2497	1.2	9
154	Vertical Transition and Power Divider Using Substrate Integrated Circular Cavity. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 371-373	2.6	9

153	190 GHz high power input frequency doubler based on Schottky diodes and AlN substrate. <i>IEICE Electronics Express</i> , 2016 , 13, 20160981-20160981	0.5	9
152	Four-Way Chained Quasi-Planar Slotted-HMSIW Power Divider. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 117-119	2.6	8
151	Millileter-Wave Power-Combining Amplifier Using A Broadband Waveguide Combiner. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012 , 33, 1211-1220	2.2	8
150	A MICROSTRIP PROBE COAXIAL WAVEGUIDE POWER DIVIDER/COMBINER. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 27, 1269-1279		8
149	Investigation of broadband power amplifier with high power-combining efficiency. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2178-2181	1.2	8
148	Reconfigurable Bandpass Filter With Wide-Range Bandwidth and Frequency Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1758-1762	3.5	8
147	A Novel 3-dB Waveguide Hybrid Coupler for Terahertz Operation. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 273-275	2.6	7
146	Design of dual-bandpass filter using zeroth-order resonance and Bragg frequency. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 431-435	1.6	7
145	Tunable balanced bandpass filter with constant absolute bandwidth and high common mode suppression. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 147-152	1.6	7
144	A microstrip bandpass filter based on inductive coupled quarter-wavelength resonators. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1031-1033	1.2	7
143	Frequency-agile Butler matrix with good interference suppression for multiple radio wireless platforms. <i>IET Microwaves, Antennas and Propagation</i> , 2013 , 7, 563-568	1.6	7
142	Bandpass Filter with Wide Stopband Using Composite Right/Left Handed Transmission Line. <i>Wireless Personal Communications</i> , 2013 , 72, 811-822	1.9	7
141	A decoupling technique for increasing the port isolation between two closely packed antennas 2012 ,		7
140	Ku-band multiway rectangular waveguide power divider. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2560-2563	1.2	7
139	Development of High Power 220 GHz Frequency Triplers Based on Schottky Diodes. <i>IEEE Access</i> , 2020 , 8, 74401-74412	3.5	7
138	Millimeter-Wave Near-Field-Focused Full 2-D Frequency Scanning Antenna Array With Height-Modulated-Ridge Waveguide. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2595-2604	4.9	7
137	Wideband Half-Mode SIW Power Divider With Improved Output Isolation Using Slotline Isolation Technology. <i>IEEE Access</i> , 2018 , 6, 62029-62036	3.5	7
136	Ultra-wideband (UWB) eight-way ring-cavity power divider. <i>International Journal of Microwave and Wireless Technologies</i> , 2015 , 7, 115-120	0.8	6

135	Reconfigurable Low-Pass Filter With Sharp Roll-Off and Wide Tuning Range. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 649-652	2.6	6
134	Single-Layer Mode Composite Coplanar Waveguide Dual-Band Filter With Large Frequency Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 2320-2330	4.1	6
133	Mode Composite Coplanar Waveguide. <i>IEEE Access</i> , 2019 , 7, 109278-109288	3.5	6
132	Wideband out-of-phase SIW power divider with enhanced stopband 2013 ,		6
131	Wideband millimetre-wave four-way spatial power combiner based on multilayer SIW. <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 1715-1719	1.3	6
130	Wide stopband bandpass filters based on quarter-wavelength resonators. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 1379-1388	1.6	6
129	A Ka band low loss wideband E-plane waveguide filter 2011 ,		6
128	SAR target feature extraction based on sparse constraint nonnegative matrix factorization 2012 ,		6
127	A W-band Low Loss E-plane Type Waveguide Bandpass Filter 2007 ,		6
126	Wide-band dual-polarized planar array antenna for K/Ka-band wireless communication. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2377-2381	1.2	6
125	Mode Analyzing Method for Fast Design of Branch Waveguide Coupler. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 4733-4740	4.1	6
124	Ka-Band Rectangular-Waveguide Gysel Power Divider with Low Insertion Loss and High Output Isolation. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018 , 39, 996-1004	2.2	6
123	Compact half-mode SIW bandpass filter with high-frequency selectivity. <i>Electromagnetics</i> , 2018 , 38, 96-102	1.8	5
122	Compact quasi-planar broadband rectangular ring-cavity power divider using inserted ground waveguide probe. <i>Electronics Letters</i> , 2016 , 52, 628-630	1.1	5
121	Compact dual-band bandpass filter based on mixed electric and magnetic coupling. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1903-1907	1.2	5
120	Diffraction Field Reconstruction in Millimeter-Wave SIW Ten-Way Power Divider by Shape Optimization Technology. <i>IEEE Transactions on Plasma Science</i> , 2017 , 45, 3177-3181	1.3	5
119	A W-band wideband E-plane type waveguide bandpass filter 2015 ,		5
118	Compact dual-bandstop filter based on composite right/left handed transmission line. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 958-962	1.2	5

117	Electromagnetically induced transparencies in a closed waveguide with high efficiency and wide frequency band. <i>Applied Physics Letters</i> , 2012 , 101, 093502	3.4	5
116	Modeling and application of stepped impedance resonators with double coaxial structure. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2314-2317	1.2	5
115	A K-Band High Interference-Rejection GaAs Low-Noise Amplifier Using Multizero Control Method for Satellite Communication. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 1069-1072	2.6	5
114	Dual-Polarized Wideband Plate Array Antenna With High Polarization Isolation and Low Cross Polarization for D-Band High-Capacity Wireless Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2023-2027	3.8	5
113	Direct extraction method of HEMT switch small-signal model with multiparasitic capacitive current path. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21690	1.5	5
112	Miniaturized bandpass filter using dual-mode hexagonal loop resonator. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1003-1008	0.8	4
111	Three-state SIW diplexer with independently controllable centre frequencies. <i>Electronics Letters</i> , 2019 , 55, 548-550	1.1	4
110	Compact multimode-resonator diplexer with wide upper-stopband and high isolation. <i>Electromagnetics</i> , 2019 , 39, 262-270	0.8	4
109	Broadband Eight-Way Substrate Integrated Waveguide Radial Power Divider/Combiner With High-Isolation. <i>IEEE Access</i> , 2020 , 8, 69268-69272	3.5	4
108	Compact Quasi-Planar Four-Way Power Divider With Wide Isolation Bandwidth. <i>IEEE Access</i> , 2019 , 7, 77915-77922	3.5	4
107	Miniaturized tri-band filtering-response power divider with short- and open-stub-loaded resonators. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1637-1643	0.8	4
106	Wide-stopband bandpass-filtering power divider with high-frequency selectivity. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1931-1936	0.8	4
105	A W band low-loss waveguide-to-microstrip probe transition for millimeter-wave applications 2012 ,		4
104	A W-band Frequency Source with Low Spurs and Low Phase Noise. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 27, 1087-1093		4
103	Phase Noise in Millimeter Wave Phase-Locked Loop with Mixer. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 299-304		4
102	Bandpass Filter Prototype Inspired Filtering Patch Antenna/Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
101	Planar Circularly Polarized Antenna With Bandpass Filtering Response Based on Dual-Mode SIW Cavity. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3155-3164	4.9	4
100	Four-way hybrid SIW/microstrip-line power divider with improved output isolation. <i>Electronics Letters</i> , 2019 , 55, 36-38	1.1	4

99	Common-Mode Noise Absorption Circuit Using Double-Sided Parallel-Strip Line. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 25-28	2.6	4
98	Height Reduced Concave Sector-Cut Spherical Conformal Phased Array Antenna Based on Distributed Aperture Synthesis. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
97	Compact Bandpass-Filtering Response Power Dividers with High Isolation and High Frequency Selectivity. <i>Electromagnetics</i> , 2017 , 37, 73-79	0.8	3
96	Compact Broadband Bandstop Filter Based on Composite Right/Left Handed Transmission Line. <i>Electromagnetics</i> , 2017 , 37, 196-202	0.8	3
95	Miniaturized rat-race coupler with harmonic suppression. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 190-193	1.2	3
94	Wideband Single-Ended-to-Balanced Power Divider With Intrinsic Common-Mode Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 379-382	2.6	3
93	Ku band 2 watt TR chip for phased array based on GaAs technology. <i>IEICE Electronics Express</i> , 2016 , 13, 20160086-20160086	0.5	3
92	Broadband six-way out-of-phase SIW power divider. <i>International Journal of Microwave and Wireless Technologies</i> , 2016 , 8, 165-170	0.8	3
91	All-Metal-Waveguide Power Divider with High Power-Combining Efficiency. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016 , 37, 258-266	2.2	3
90	Miniaturized Bagley Polygon power divider by using composite right-/left-handed transmission lines. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1833-1837	0.8	3
89	New 2D diffraction model and its applications to terahertz parallel-plate waveguide power splitters. <i>Scientific Reports</i> , 2017 , 7, 41726	4.9	3
88	Dual-band bandpass filter based on mixed electric and magnetic coupling of the hybrid quasi-lumped resonator. <i>International Journal of Electronics</i> , 2014 , 101, 1096-1105	1.2	3
87	Ultra-wideband power divider with a notched band using embedded dual-mode resonators. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2758-2762	1.2	3
86	A four-way half-mode SIW power divider with improved impedance match 2011 ,		3
85	Ku-band substrate integrated waveguide transitions between layers. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2585-2588	1.2	3
84	The W-Band High Order Avalanche Diode Frequency Multiplier. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 663-669		3
83	A wideband power divider with bandpass response. <i>International Journal of Microwave and Wireless Technologies</i> , 2016 , 8, 583-590	0.8	3
82	Compact Multiple-Way Power-Dividing Network with Bandpass-Filtering Response Using Spiral Resonators. <i>Electromagnetics</i> , 2016 , 36, 546-557	0.8	3

81	A dual-band unequal power divider with flexible choice of implementation. <i>International Journal of Microwave and Wireless Technologies</i> , 2016 , 8, 171-178	0.8	3
80	A High-Efficiency 28/39 GHz Dual-Band Power Amplifier MMIC for 5G Communication. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-1	2.6	3
79	A C-Band High-Efficiency Power Amplifier MMIC with Second-Harmonic Control in 0.25 μm GaN HEMT Technology. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-1	2.6	3
78	Novel Four-Way Slotted-Substrate Integrated Waveguide Power Divider Using Identical Coupling Circuits. <i>Electromagnetics</i> , 2017 , 37, 233-239	0.8	2
77	Four-way wideband power divider using a hybrid HMSIW/microstrip line. <i>Electromagnetics</i> , 2017 , 37, 462-470	0.8	2
76	Multi-Way Quasi-Optical Waveguide Power Divider with 2D Diffraction Approximation and Experimental Verification at Millimeter Wave. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019 , 40, 435-446	2.2	2
75	220 GHz wideband integrated receiver front end based on planar Schottky diodes. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 2737-2746	1.2	2
74	Compact four-way suspended-stripline power divider with low loss and high isolation. <i>International Journal of Microwave and Wireless Technologies</i> , 2020 , 12, 749-753	0.8	2
73	High isolation and miniaturized quad-channel diplexer using short stub-loaded resonators and distributed coupling feeding line. <i>Journal of Electromagnetic Waves and Applications</i> , 2018 , 32, 1069-1078	1.3	2
72	A High-Efficiency 220 GHz Doubler Based on the Planar Schottky Varactor Diode. <i>Journal of Electronic Materials</i> , 2019 , 48, 3603-3611	1.9	2
71	Ka-Band Four-Way Power Combiner Based on Multi-layer Substrate Integrated Waveguide. <i>Wireless Personal Communications</i> , 2014 , 79, 1703-1711	1.9	2
70	High Selective Bandpass Filter Using Inductive-Coupled Quarter-Wavelength Stepped-Impedance Resonators. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 3010-3014	1.2	2
69	Compact multi-layer N-way power divider with closed-ring-shaped isolation network. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1945-1949	0.8	2
68	Multilayer four-way power divider with improved isolation performance. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 1676-1684	1.3	2
67	A terahertz spatial power combiner based on 2D periodic hole-shaped grating using nongradient optimization method. <i>Electromagnetics</i> , 2017 , 37, 538-549	0.8	2
66	Miniaturized rat race coupler with harmonic suppression 2014 ,		2
65	SAR automatic target recognition using a hierarchical multi-feature fusion strategy 2012 ,		2
64	Tunable bandpass filter using varactor-loaded quarter-wavelength resonator 2012 ,		2

63	Ultra-wideband (UWB) bandpass filter with inductance-loaded Y-shaped multiple-mode resonator 2012 ,		2
62	Design of W-band passive millimeter wave imaging system 2012 ,		2
61	Design of up/down converters with subharmonic pump for wireless communication at 220 GHz 2012 ,		2
60	A low-loss SICC filter using LTCC technology, for X-Band application 2009 ,		2
59	A new kind of millimeter wave dual-circular polarized array 2008 ,		2
58	A HEMT large-signal model for use in the design of microwave switching circuits. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22078	1.5	2
57	Design of Filtering Crossover and Diplexer on SIW Quadruple-Mode Resonators in a Single Cavity. <i>IEEE Access</i> , 2020 , 8, 176789-176796	3.5	2
56	Isolation Enhancement for W-Band Coplanar Array Antennas Based on Silicon Micromachining Technology. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1744-1748	3.8	2
55	325-400 GHz 2-D Beam Steering Antenna Based on MEMS Micromachining Technology 2020 ,		2
54	Dual-Band Shared-Aperture High-Efficiency Reflectarray Antenna Based on Structure-Reuse Technique. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 366-370	3.8	2
53	MIMO Borehole Radar Imaging Based on High Degree of Freedom for Efficient Subsurface Sensing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 3380-3391	8.1	2
52	Low-Profile Dual-Band Filtering Antenna With a Shared SIW Cavity. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
51	C/X- Dual Band Circularly Polarized Shared-Aperture Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
50	Compact ultra-wideband bandpass-response power divider with high-frequency selectivity. <i>International Journal of Microwave and Wireless Technologies</i> , 2018 , 10, 1107-1112	0.8	2
49	Synthesis of Fully Canonical Wideband Bandpass Filters With Complex Reflection Zeros. <i>IEEE Access</i> , 2019 , 7, 117219-117226	3.5	1
48	Analysis of Welding Pad for Terahertz Hybrid Integrated Mixer. <i>IEEE Access</i> , 2020 , 8, 22506-22514	3.5	1
47	420 GHz subharmonic mixer based on heterogeneous integrated Schottky diode. <i>IEICE Electronics Express</i> , 2017 , 14, 20170459-20170459	0.5	1
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