

# Yong Fan

## List of Publications by Year in Descending Order

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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	Proactive Conformal Waveguide Slot Array Antenna to Synthesize Cosecant Squared Pattern Based on 3-D Printing Manufacturing Process. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
205	A High-Performance 330-GHz Subharmonic Mixer Using Schottky Diodes. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2022</b> , 1-4	2.6	
204	Synthesis of Difference Patterns for 3-D Conformal Beam-Scanning Arrays with Asymmetric Radiation Aperture. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	0
203	Three-Dimensional Interconnection With Magnetically Coupled Transition for W-Band Integration Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2022</b> , 1-1	4.1	
202	A Novel Waveguide-to-Coaxial Transition With Embedded Magnetic Closed Loop. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2022</b> , 1-4	2.6	1
201	N-Way Reconfigurable Power Divider With Parallel Reconfigurable-Characteristic-Impedance Transformation Lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2022</b> , 1-1	4.1	
200	Bandpass Filter Prototype Inspired Filtering Patch Antenna/Array. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	4
199	Low-Sidelobe-Level Circularly-Polarized Short Leaky-Wave Antenna with A-Shaped Element Based on Substrate Integrated Image Guide. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	1
198	A 200/25-GHz Manifold-Coupled Multiplexer Utilizing Metal Waveguides. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 1-1	4.1	22
197	Dual-Band Shared-Aperture High-Efficiency Reflectarray Antenna Based on Structure-Reuse Technique. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 366-370	3.8	2
196	Millimeter-wave wide-band high-efficiency single-layer reflectarray antenna with ability of phase-response restructuration. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2021</b> , 31, e22754	1.5	
195	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> , <b>2021</b> , 69, 2595-2604	4.9	7
194	Planar Circularly Polarized Antenna With Bandpass Filtering Response Based on Dual-Mode SIW Cavity. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 3155-3164	4.9	4
193	Reconfigurable Bandpass Filter With Wide-Range Bandwidth and Frequency Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 1758-1762	3.5	8
192	Common-Mode Noise Absorption Circuit Using Double-Sided Parallel-Strip Line. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2021</b> , 31, 25-28	2.6	4
191	A High-Efficiency 28/39 GHz Dual-Band Power Amplifier MMIC for 5G Communication. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2021</b> , 1-1	2.6	3
190	Height Reduced Concave Sector-Cut Spherical Conformal Phased Array Antenna Based on Distributed Aperture Synthesis. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	4

189	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> , <b>2021</b> , 1-1	4.9	18
188	W-Band Low-SLL Size-Reduction Micro-Waveguide Array Antenna Using TE <sub>120</sub> -Mode-Cavity Dual-Layer Power Divider. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	1
187	A C-Band High-Efficiency Power Amplifier MMIC with Second-Harmonic Control in 0.25 $\mu$ m GaN HEMT Technology. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2021</b> , 1-1	2.6	3
186	Low-Profile Dual-Band Filtering Antenna With a Shared SIW Cavity. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	2
185	A W-band Low-Profile Dual-Polarized Reflectarray with Integrated Feed for In-Band Full-Duplex Application. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	1
184	C/X- Dual Band Circularly Polarized Shared-Aperture Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	2
183	Generation of Ka-Band Accelerating and Self-Bending Beam by Series-Fed Patch Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 239-243	3.8	0
182	A mechanical reliability study of 3-dB waveguide hybrid couplers in submillimeter and terahertz bands. <i>Frontiers of Information Technology and Electronic Engineering</i> , <b>2021</b> , 22, 1104-1113	2.2	24
181	Fusion Before Imaging Method for Heterogeneous Borehole Radar Subsurface Surveys. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-14	8.1	0
180	Reconfigurable Low-Pass Filter With Sharp Roll-Off and Wide Tuning Range. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2020</b> , 30, 649-652	2.6	6
179	Wideband Balanced Bandpass Filter With Common-Mode Noise Absorption Using Double-Sided Parallel-Strip Line. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2020</b> , 30, 359-362	2.6	10
178	Single-Layer Mode Composite Coplanar Waveguide Dual-Band Filter With Large Frequency Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2020</b> , 68, 2320-2330	4.1	6
177	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> , <b>2020</b> , 68, 4502-4511	4.9	13
176	Complete parasitic-capacitance-shell extraction of high-frequency switch-HEMT equivalent-circuit model. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22212	1.5	0
175	220 GHz wideband integrated receiver front end based on planar Schottky diodes. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 2737-2746	1.2	2
174	Wideband Single-Ended-to-Balanced Power Divider With Intrinsic Common-Mode Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2020</b> , 30, 379-382	2.6	3
173	Analysis of Welding Pad for Terahertz Hybrid Integrated Mixer. <i>IEEE Access</i> , <b>2020</b> , 8, 22506-22514	3.5	1
172	Mode Composite Sandwich Slot Line and its Applications in Antenna Development. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 4250-4258	4.9	9

171	Compact four-way suspended-stripline power divider with low loss and high isolation. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2020</b> , 12, 749-753	0.8	2
170	Development of a Wideband 220-GHz Subharmonic Mixer Based on GaAs Monolithic Integration Technology. <i>IEEE Access</i> , <b>2020</b> , 8, 31214-31226	3.5	0
169	Tunable balanced bandpass filter with constant absolute bandwidth and high common mode suppression. <i>IET Microwaves, Antennas and Propagation</i> , <b>2020</b> , 14, 147-152	1.6	7
168	Broadband Eight-Way Substrate Integrated Waveguide Radial Power Divider/Combiner With High-Isolation. <i>IEEE Access</i> , <b>2020</b> , 8, 69268-69272	3.5	4
167	Compact UWB BPF with a notched band using a single perturbed HMSIW cavity. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2020</b> , 12, 809-814	0.8	0
166	The research on 220-GHz signal detecting system. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2020</b> , 33, e2655	1	
165	A Ka-band power amplifier with filtering characteristic for satellite communication. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 576-580	1.2	1
164	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> , <b>2020</b> , 30, e22078	1.5	2
163	Development of High Power 220 GHz Frequency Triplers Based on Schottky Diodes. <i>IEEE Access</i> , <b>2020</b> , 8, 74401-74412	3.5	7
162	Development of 340-GHz Transceiver Front End Based on GaAs Monolithic Integration Technology for THz Active Imaging Array. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7924	2.6	55
161	Compact different-/same-frequency power combining circuit with high isolation and high frequency selectivity. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 3804-3810	1.2	1
160	Design of Filtering Crossover and Diplexer on SIW Quadruple-Mode Resonators in a Single Cavity. <i>IEEE Access</i> , <b>2020</b> , 8, 176789-176796	3.5	2
159	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> , <b>2020</b> , 30, 1069-1072	2.6	5
158	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> , <b>2020</b> , 19, 2023-2027	3.8	5
157	Four-hundred gigahertz broadband multi-branch waveguide coupler. <i>IET Microwaves, Antennas and Propagation</i> , <b>2020</b> , 14, 1175-1179	1.6	44
156	Isolation Enhancement for W-Band Coplanar Array Antennas Based on Silicon Micromachining Technology. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 1744-1748	3.8	2
155	325-400 GHz 2-D Beam Steering Antenna Based on MEMS Micromachining Technology <b>2020</b> ,		2
154	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2020</b> , 1-1	4.1	12

153	The research on 220GHz multicarrier high-speed communication system. <i>China Communications</i> , <b>2020</b> , 17, 131-139	3	66
152	Filtering dual-patch antenna with flat gain response using F-shaped feeding structure. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 3342-3350	1.2	1
151	High-Isolation Diplexer With High Frequency Selectivity Using Substrate Integrate Waveguide Dual-Mode Resonator. <i>IEEE Access</i> , <b>2019</b> , 7, 116676-116683	3.5	17
150	V-Band Wideband Circularly Polarized Endfire Multibeam Antenna With Wide Beam Coverage. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 1616-1620	3.8	16
149	Synthesis of Fully Canonical Wideband Bandpass Filters With Complex Reflection Zeros. <i>IEEE Access</i> , <b>2019</b> , 7, 117219-117226	3.5	1
148	Microstrip/Slotline-Coupling Substrate Integrated Waveguide Power Divider With High Output Isolation. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2019</b> , 29, 95-97	2.6	15
147	Compact Bandpass-to-Bandstop Reconfigurable Filter With Wide Tuning Range. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2019</b> , 29, 198-200	2.6	15
146	Compact Wide-Frequency Tunable Filter With Switchable Bandpass and Bandstop Frequency Response. <i>IEEE Access</i> , <b>2019</b> , 7, 47503-47508	3.5	17
145	Three-state SIW diplexer with independently controllable centre frequencies. <i>Electronics Letters</i> , <b>2019</b> , 55, 548-550	1.1	4
144	Compact multimode-resonator diplexer with wide upper-stopband and high isolation. <i>Electromagnetics</i> , <b>2019</b> , 39, 262-270	0.8	4
143	Dual-Band Coaperture Antenna Based on a Single-Layer Mode Composite Transmission Line. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 4825-4829	4.9	13
142	Compact High-Isolation Multiplexer With Wide Stopband Using Spiral Defected Ground Resonator. <i>IEEE Access</i> , <b>2019</b> , 7, 31702-31710	3.5	11
141	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> , <b>2019</b> , 40, 435-446	2.2	2
140	A Novel 220-GHz GaN Diode On-Chip Tripler With High Driven Power. <i>IEEE Electron Device Letters</i> , <b>2019</b> , 40, 780-783	4.4	67
139	A Novel 3-dB Waveguide Hybrid Coupler for Terahertz Operation. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2019</b> , 29, 273-275	2.6	7
138	Wide-frequency tunable bandpass filter with high-frequency selectivity. <i>Electromagnetics</i> , <b>2019</b> , 39, 430-442	4.2	1
137	Compact Quasi-Planar Four-Way Power Divider With Wide Isolation Bandwidth. <i>IEEE Access</i> , <b>2019</b> , 7, 77915-77922	3.5	4
136	A High-Efficiency 220 GHz Doubler Based on the Planar Schottky Varactor Diode. <i>Journal of Electronic Materials</i> , <b>2019</b> , 48, 3603-3611	1.9	2

135	Mode Composite Coplanar Waveguide. <i>IEEE Access</i> , <b>2019</b> , 7, 109278-109288	3.5	6
134	1.1 THz tenth harmonic mixer based on planar GaAs Schottky diode. <i>IET Microwaves, Antennas and Propagation</i> , <b>2019</b> , 13, 1799-1803	1.6	1
133	Mode Analyzing Method for Fast Design of Branch Waveguide Coupler. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2019</b> , 67, 4733-4740	4.1	6
132	HEMT Small-Signal Modelling for Voltage-Controlled Attenuator Applications <b>2019</b> ,		1
131	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> , <b>2019</b> , 29, e21690	1.5	5
130	MIMO Borehole Radar Imaging Based on High Degree of Freedom for Efficient Subsurface Sensing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 3380-3391	8.1	2
129	Four-way hybrid SIW/microstrip-line power divider with improved output isolation. <i>Electronics Letters</i> , <b>2019</b> , 55, 36-38	1.1	4
128	Wideband Gysel HMSIW power divider with high power-handling capability. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2018</b> , 10, 308-312	0.8	
127	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> , <b>2018</b> , 32, 1069-1078	1.3	2
126	Four-Way Chained Quasi-Planar Slotted-HMSIW Power Divider. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2018</b> , 28, 117-119	2.6	8
125	Compact half-mode SIW bandpass filter with high-frequency selectivity. <i>Electromagnetics</i> , <b>2018</b> , 38, 96-102	10.3	5
124	Wideband filtering power divider with deep and wide stopband. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2018</b> , 10, 1011-1018	0.8	1
123	Novel high-isolation power divider integrated filtering response. <i>Electromagnetics</i> , <b>2018</b> , 38, 291-302	0.8	
122	Wideband Half-Mode SIW Power Divider With Improved Output Isolation Using Slotline Isolation Technology. <i>IEEE Access</i> , <b>2018</b> , 6, 62029-62036	3.5	7
121	Tunable dual-mode filtering power divider with harmonic suppression. <i>IEICE Electronics Express</i> , <b>2018</b> , 15, 20180321-20180321	0.5	
120	Compact ultra-wideband bandpass-response power divider with high-frequency selectivity. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2018</b> , 10, 1107-1112	0.8	2
119	Ka-Band Rectangular-Waveguide Gysel Power Divider with Low Insertion Loss and High Output Isolation. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2018</b> , 39, 996-1004	2.2	6
118	Compact Bandpass-Filtering Response Power Dividers with High Isolation and High Frequency Selectivity. <i>Electromagnetics</i> , <b>2017</b> , 37, 73-79	0.8	3



117	Miniaturized bandpass filter using dual-mode hexagonal loop resonator. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2017</b> , 9, 1003-1008	0.8	4
116	Novel Four-Way Slotted-Substrate Integrated Waveguide Power Divider Using Identical Coupling Circuits. <i>Electromagnetics</i> , <b>2017</b> , 37, 233-239	0.8	2
115	Compact Broadband Bandstop Filter Based on Composite Right/Left Handed Transmission Line. <i>Electromagnetics</i> , <b>2017</b> , 37, 196-202	0.8	3
114	2.45-GHz wideband harmonic rejection rectenna for wireless power transfer. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2017</b> , 9, 977-983	0.8	9
113	Four-way wideband power divider using a hybrid HMSIW/microstrip line. <i>Electromagnetics</i> , <b>2017</b> , 37, 462-470	0.8	2
112	420 GHz subharmonic mixer based on heterogeneous integrated Schottky diode. <i>IEICE Electronics Express</i> , <b>2017</b> , 14, 20170459-20170459	0.5	1
111	Miniaturized tri-band filtering-response power divider with short- and open-stub-loaded resonators. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2017</b> , 9, 1637-1643	0.8	4
110	Miniaturized Bagley Polygon power divider by using composite right-/left-handed transmission lines. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2017</b> , 9, 1833-1837	0.8	3
109	Quasi-planar high-isolation four-way power divider based on capacitance compensation technology. <i>Electromagnetics</i> , <b>2017</b> , 37, 355-368	0.8	1
108	Wide stopband bandpass filters based on quarter-wavelength resonators. <i>IET Microwaves, Antennas and Propagation</i> , <b>2017</b> , 11, 1379-1388	1.6	6
107	Compact multi-layer N-way power divider with closed-ring-shaped isolation network. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2017</b> , 9, 1945-1949	0.8	2
106	Multilayer four-way power divider with improved isolation performance. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2017</b> , 31, 1676-1684	1.3	2
105	Wide-stopband bandpass-filtering power divider with high-frequency selectivity. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2017</b> , 9, 1931-1936	0.8	4
104	Wideband Four-Way Filtering Power Divider With Isolation Performance Using Three Parallel-Coupled Lines. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2017</b> , 27, 800-802	2.6	22
103	Diffraction Field Reconstruction in Millimeter-Wave SIW Ten-Way Power Divider by Shape Optimization Technology. <i>IEEE Transactions on Plasma Science</i> , <b>2017</b> , 45, 3177-3181	1.3	5
102	A terahertz spatial power combiner based on 2D periodic hole-shaped grating using nongradient optimization method. <i>Electromagnetics</i> , <b>2017</b> , 37, 538-549	0.8	2
101	New 2D diffraction model and its applications to terahertz parallel-plate waveguide power splitters. <i>Scientific Reports</i> , <b>2017</b> , 7, 41726	4.9	3
100	A Wideband Dual Circularly Polarized Full-Corporate Waveguide Array Antenna Fed by Triple-Resonant Cavities. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 2135-2139	4.9	43

99	Development of a Resistor-Loaded Ultrawideband Absorber With Antenna Reciprocity. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 4910-4913	4.9	42
98	Ku band 2 watt TR chip for phased array based on GaAs technology. <i>IEICE Electronics Express</i> , <b>2016</b> , 13, 20160086-20160086	0.5	3
97	220 GHz outdoor wireless communication system based on a Schottky-diode transceiver. <i>IEICE Electronics Express</i> , <b>2016</b> , 13, 20160282-20160282	0.5	15
96	Design of a low noise 190–240 GHz subharmonic mixer based on 3D geometric modeling of Schottky diodes and CAD load-pull techniques. <i>IEICE Electronics Express</i> , <b>2016</b> , 13, 20160604-20160604	0.5	10
95	Compact quasi-planar broadband rectangular ring-cavity power divider using inserted ground waveguide probe. <i>Electronics Letters</i> , <b>2016</b> , 52, 628-630	1.1	5
94	Broadband six-way out-of-phase SIW power divider. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2016</b> , 8, 165-170	0.8	3
93	Wideband Dual-Polarization Patch Antenna Array With Parallel Strip Line Balun Feeding. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2016</b> , 15, 1499-1501	3.8	25
92	All-Metal-Waveguide Power Divider with High Power-Combining Efficiency. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2016</b> , 37, 258-266	2.2	3
91	190 GHz high power input frequency doubler based on Schottky diodes and AlN substrate. <i>IEICE Electronics Express</i> , <b>2016</b> , 13, 20160981-20160981	0.5	9
90	A Modeling Method for Small Packing Particles in Electromagnetic Simulation. <i>International Journal of Antennas and Propagation</i> , <b>2016</b> , 2016, 1-7	1.2	1
89	A wideband power divider with bandpass response. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2016</b> , 8, 583-590	0.8	3
88	Compact Multiple-Way Power-Dividing Network with Bandpass-Filtering Response Using Spiral Resonators. <i>Electromagnetics</i> , <b>2016</b> , 36, 546-557	0.8	3
87	Tri-band filter with multiple transmission zeros and controllable bandwidths. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2016</b> , 8, 9-13	0.8	14
86	A dual-band unequal power divider with flexible choice of implementation. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2016</b> , 8, 171-178	0.8	3
85	Ku-band pre-matched broadband GaN power amplifier with over 30 W power. <i>Electronics Letters</i> , <b>2016</b> , 52, 872-874	1.1	1
84	Wide-band dual-polarized planar array antenna for K/Ka-band wireless communication. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 2377-2381	1.2	6
83	Multiple-mode-based four-way filtering-response power divider with wide stopband and high fabrication tolerance. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 2993-2996	1.2	1
82	Design of dual-bandpass filter using zeroth-order resonance and Bragg frequency. <i>IET Microwaves, Antennas and Propagation</i> , <b>2015</b> , 9, 431-435	1.6	7



81	Ultra-wideband (UWB) eight-way ring-cavity power divider. <i>International Journal of Microwave and Wireless Technologies</i> , <b>2015</b> , 7, 115-120	0.8	6
80	Compact wide-stopband diplexer using dual mode resonators. <i>Electronics Letters</i> , <b>2015</b> , 51, 1085-1087	1.1	24
79	A Dual-Mode Substrate Integrated Waveguide Filter With Controllable Transmission Zeros. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2015</b> , 25, 576-578	2.6	27
78	Miniaturized rat-race coupler with harmonic suppression. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 190-193	1.2	3
77	A W-band wideband E-plane type waveguide bandpass filter <b>2015</b> ,		5
76	A switched-beam microstrip antenna array with miniaturized butler matrix network. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 841-845	1.2	10
75	Dual-band in-phase filtering power dividers integrated with stub-loaded resonators. <i>IET Microwaves, Antennas and Propagation</i> , <b>2015</b> , 9, 695-699	1.6	33
74	Extremely compact ultra-wideband power divider using hybrid slotline/microstrip-line transition. <i>Electronics Letters</i> , <b>2015</b> , 51, 2014-2015	1.1	10
73	A compact substrate integrated spiral resonator for wireless power transfer <b>2015</b> ,		1
72	Compact dual-band bandpass filter using simply hybrid structures. <i>Electronics Letters</i> , <b>2015</b> , 51, 1265-1266	1.1	16
71	Ka-Band Four-Way Power Combiner Based on Multi-layer Substrate Integrated Waveguide. <i>Wireless Personal Communications</i> , <b>2014</b> , 79, 1703-1711	1.9	2
70	Compact bandpass filter with improved upper stopband. <i>Electronics Letters</i> , <b>2014</b> , 50, 1065-1067	1.1	11
69	Ultrawideband notch-band power divider with bandpass response using defect microstrip structure. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 711-715	1.2	1
68	Miniaturized Triple-Band Bandpass Filter Using Coupled Lines and Grounded Stepped Impedance Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2014</b> , 24, 333-335	2.6	38
67	Compact dual-band bandpass filter based on mixed electric and magnetic coupling. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 1903-1907	1.2	5
66	Miniaturized rat race coupler with harmonic suppression <b>2014</b> ,		2
65	Miniaturized Rat-Race Coupler With Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2014</b> , 24, 754-756	2.6	22
64	Dual-band bandpass filter based on mixed electric and magnetic coupling of the hybrid quasi-lumped resonator. <i>International Journal of Electronics</i> , <b>2014</b> , 101, 1096-1105	1.2	3

63	Ultra-wideband power divider with a notched band using embedded dual-mode resonators. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 2758-2762	1.2	3
62	Compact in-phase power divider integrated filtering response using spiral resonator. <i>IET Microwaves, Antennas and Propagation</i> , <b>2014</b> , 8, 228-234	1.6	34
61	Millimeter-Wave Shaped-Beam Substrate Integrated Conformal Array Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 4558-4566	4.9	71
60	A microstrip bandpass filter based on inductive coupled quarter-wavelength resonators. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1031-1033	1.2	7
59	Wideband out-of-phase SIW power divider with enhanced stopband <b>2013</b> ,		6
58	Frequency-agile Butler matrix with good interference suppression for multiple radio wireless platforms. <i>IET Microwaves, Antennas and Propagation</i> , <b>2013</b> , 7, 563-568	1.6	7
57	Analysis of Different Loop Resonators and Their Application in Band-Stop Filter Design. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 2241-2244	1.2	0
56	High Selective Bandpass Filter Using Inductive-Coupled Quarter-Wavelength Stepped-Impedance Resonators. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 3010-3014	1.2	2
55	Miniaturised dual-band bandpass filter using modified SIR. <i>Electronics Letters</i> , <b>2013</b> , 49, 888-890	1.1	19
54	Compact dual-band bandpass filter using spiral resonators and short-circuited stub-loaded resonator. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1393-1398	1.2	11
53	Wideband millimetre-wave four-way spatial power combiner based on multilayer SIW. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2013</b> , 27, 1715-1719	1.3	6
52	Compact Diplexer With High Isolation Using the Dual-Mode Substrate Integrated Waveguide Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2013</b> , 23, 459-461	2.6	59
51	Compact dual-bandstop filter based on composite right/left handed transmission line. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 958-962	1.2	5
50	Bandpass Filter with Wide Stopband Using Composite Right/Left Handed Transmission Line. <i>Wireless Personal Communications</i> , <b>2013</b> , 72, 811-822	1.9	7
49	Novel bandpass-response power divider with high frequency selectivity using centrally stub-loaded resonators. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1560-1562	1.2	12
48	Broadband multi-way substrate integrated waveguide radial power divider using novel probe transition. <i>HKIE Transactions</i> , <b>2013</b> , 20, 92-95	2.9	1
47	Algorithm for the retrieval of soil moisture from the radar backscattering coefficient. <i>HKIE Transactions</i> , <b>2013</b> , 20, 124-132	2.9	0
46	Millimeter-Wave Power-Combining Amplifier Using A Broadband Waveguide Combiner. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2012</b> , 33, 1211-1220	2.2	8

45	SAR automatic target recognition using a hierarchical multi-feature fusion strategy <b>2012</b> ,		2
44	A frequency reconfigurable microwave reaction cavity based on a quarter-wave coaxial cavity resonator <b>2012</b> ,		1
43	A W band low-loss waveguide-to-microstrip probe transition for millimeter-wave applications <b>2012</b> ,		4
42	Novel wide-stopband bandpass filter with good frequency selectivity based on composite right/left handed transmission line. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 2494-2497	1.2	9
41	Wideband CRLH-transmission line bandstop filter <b>2012</b> ,		1
40	Tunable bandpass filter using varactor-loaded quarter-wavelength resonator <b>2012</b> ,		2
39	Extraction of parasitic parameter and design of sub-harmonic mixer at 94 GHz. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2012</b> , 38, 211-215	0.4	1
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37	Electromagnetically induced transparencies in a closed waveguide with high efficiency and wide frequency band. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 093502	3.4	5
36	Ultra-wideband (UWB) bandpass filter with inductance-loaded Y-shaped multiple-mode resonator <b>2012</b> ,		2
35	Design of W-band passive millimeter wave imaging system <b>2012</b> ,		2
34	A decoupling technique for increasing the port isolation between two closely packed antennas <b>2012</b> ,		7
33	SAR target feature extraction based on sparse constraint nonnegative matrix factorization <b>2012</b> ,		6
32	Design of up/down converters with subharmonic pump for wireless communication at 220 GHz <b>2012</b> ,		2
31	Millimeter-Wave Substrate Integrated Waveguide Long Slot Leaky-Wave Antennas and Two-Dimensional Multibeam Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 40-47	4.9	153
30	A four-way half-mode SIW power divider with improved impedance match <b>2011</b> ,		3
29	A Ka band low loss wideband E-plane waveguide filter <b>2011</b> ,		6
28	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> , <b>2011</b> , 21, 65-67	2.6	14

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24	Ku-band substrate integrated waveguide transitions between layers. <i>Microwave and Optical Technology Letters</i> , <b>2009</b> , 51, 2585-2588	1.2	3
23	Compact Ultra-Wideband Bandpass Filter Using Dual-Line Coupling Structure. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2009</b> , 19, 30-32	2.6	55
22	A low-loss SICC filter using LTCC technology, for X-Band application <b>2009</b> ,		2
21	Eight-Way Substrate Integrated Waveguide Power Divider With Low Insertion Loss. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2008</b> , 56, 1473-1477	4.1	101
20	Broadband Radial Waveguide Spatial Combiner. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 73-75	2.6	72
19	A new kind of millimeter wave dual-circular polarized array <b>2008</b> ,		2
18	Frequency Sources in W-band Radar Front-end with Low Phase Noise. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2008</b> , 29, 142-147		1
17	W-band Communication System with Direct Frequency Shift Keying Modulation to Phase-locked Oscillator. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2008</b> , 29, 527-533		1
16	A Novel W-band Microstrip Integrated Avalanche Diode High Order Frequency Multiplier. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2008</b> , 29, 741-747		0
15	Investigation of broadband power amplifier with high power-combining efficiency. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 2178-2181	1.2	8
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12	A W-band Frequency Source with Low Spurs and Low Phase Noise. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2007</b> , 27, 1087-1093		4
11	A MICROSTRIP PROBE COAXIAL WAVEGUIDE POWER DIVIDER/COMBINER. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2007</b> , 27, 1269-1279		8
10	IMPROVED GENERALIZED ADMITTANCE MATRIX TECHNIQUE AND ITS APPLICATIONS TO RIGOROUS ANALYSIS OF MILLIMETER-WAVE DEVICES IN RECTANGULAR WAVEGUIDE. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2007</b> , 27, 1391-1402		1

9	Phase Noise in Millimeter Wave Phase-Locked Loop with Mixer. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2007</b> , 28, 299-304		4
8	Design of Low-Profile Millimeter-Wave Substrate Integrated Waveguide Power Divider/Combiner. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2007</b> , 28, 473-478		15
7	The W-Band High Order Avalanche Diode Frequency Multiplier. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2007</b> , 28, 663-669		3
6	A W-band Low Loss E-plane Type Waveguide Bandpass Filter <b>2007</b> ,		6
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3	Performance and Design of Double Coaxial Stepped Impedance Resonators for Mobile Communication <b>2006</b> ,		1
2	Parameters extraction for MIS structure with protective layer by double-image Green's function method. <i>International Journal of Electronics</i> , <b>2005</b> , 92, 553-559	1.2	
1	Low-insertion-loss Gysel power combiner with high power density and high isolation. <i>International Journal of Microwave and Wireless Technologies</i> , 1-6	0.8	