

Peng Wu

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.

321
papers

5,660
citations

40
h-index

65
g-index

405
ext. papers

7,381
ext. citations

3.1
avg, IF

6.36
L-index

#	Paper	IF	Citations
321	Odd-Element Half-Wave-Rectification Superposition Technique for High-Multiplication Factor Frequency Multipliers Design. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	0
320	Dual-Mode Dual-Band DR Balun Filter Using Suspended Stripline Feeding Structure. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	0
319	An X/ Ku Dual-Band Switchless Frequency Reconfigurable GaAs Power Amplifier. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	1
318	Dual-Band Aperture-Shared Fabry-Perot Cavity-Integrated Patch Antenna for Millimeter-Wave /Sub-6 GHz Communication. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
317	Broadband Dual-Polarized Differential-Fed Filtering Antenna Array for 5G Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 70, 1989-1998	4.9	5
316	A Current-Reused VCO With Inductive-Transformer Feedback Technique. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-10	4.1	0
315	Wideband End-wall Transition from Microstrip to Waveguide with Via-less Choke Structure for Terahertz Application. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2022 , 1-1	3.4	0
314	Bandstop Frequency Selective Surfaces Based on Aramid Paper Honeycomb Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
313	A Simplified Vector-Sum Phase Shifter Topology With Low Noise Figure and High Voltage Gain. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2022 , 1-9	2.6	
312	High-Integration and Low-Cost Transmitter Packaging Solution for 0.2 THz SiP Application Using HTCC Technology. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	0
311	Wideband RWG-SIW Interconnection With Improved Integration for Millimeter-Wave/Terahertz Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	1
310	A Novel End-Wall Waveguide Excitation With Wide Bandwidth and Simple Structure for Millimeter-Wave/Terahertz Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	1
309	Low-Profile Wideband Dual-Circularly Polarized Metasurface Antenna Based on Traveling-wave Sequential Feeding Mechanism. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
308	A 5.5/12.5-GHz concurrent dual-band power amplifier MMIC in 0.25 μm GaAs technology. <i>Electronics Letters</i> , 2022 , 58, 303-305	1.1	1
307	Dual-band high-efficiency power amplifier using a D-CRLH harmonic tuning network. <i>Microwave and Optical Technology Letters</i> , 2022 , 64, 873-877	1.2	0
306	High efficiency dual-band filtering power amplifier. <i>Science China Information Sciences</i> , 2022 , 65, 1	3.4	
305	Low-Profile Shared-Structure Dual-Polarized Yagi-Uda Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 21, 843-847	3.8	0

304	Experiments of Microwave Ablation Based on Dual-Frequency Antenna Under Pulsed Mode. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 21, 848-852	3.8	0
303	Low-Profile and Shared Aperture Dual-Polarized Omnidirectional Antenna by Reusing Structure of Annular Quasi-Dipole Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	
302	A Planar Bidirectional Circularly Polarized Antenna Using Orthogonal Magnetic Dipoles Without Extra Phase Shift Line. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
301	A 22.2-GHz Injection-Locked Frequency Tripler Featuring Dual Injection and 39.4% Locking Range. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	
300	Millimeter-Wave Wideband Dual-Polarized LTCC Antenna Array Based on Metasurfaces for Beam-scanning Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
299	A Millimeter-Wave Variable-Gain Power Amplifier With $SP_{\{1, dB\}}$ Improvement Technique in 65-nm CMOS. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	
298	3-D Printed Annular Linear-to-Circular Dielectric Polarizer and Its Applications to Omnidirectional and Multibeam Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	
297	A New Multi-Band Multi-Array Antenna Configuration with Scattering Suppression for Radiation Pattern Distortion Mitigation of Base Station. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	
296	A 7.2-7.3 GHz CMOS LNA With 3.51 \pm 0.21 dB Noise Figure Using Multistage Noise Matching Technique. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	7
295	An improved NRW Method for Thin Material Characterization Using Dielectric Filled Waveguide and Numerical Compensation. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 1-1	5.2	2
294	Novel Decoupling Method Based on Coupling Energy Cancellation and Its Application in 5G Dual-polarized High-isolation Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
293	Dual-Band Antenna Hybridizing Folded Transmitarray and Folded Reflectarray. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
292	Dual-Band Aperture-Shared High Gain Antenna for Millimeter-Wave Multi-Beam and Sub-6 GHz Communication Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
291	Aperture-Shared Dual-Band Antennas with Partially Reflecting Surfaces for Base-Station Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
290	A Dual-Band Tunable Balanced Filter With Independently Tuning Bands. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
289	A Novel Low-loss Terahertz Transition from GCPW to Rectangular Waveguide with Filter Performance Using Multiple Resonators 2021 ,		1
288	High-Efficiency Power Amplifier with a Multiharmonic Tuning Network. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 389-392	2.6	2
287	A 9.8-10.1 GHz CMOS low-noise amplifier with a 3.2-dB noise figure using inductor- and transformer-based gm-boosting techniques. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 586-598	2.2	0

286	High-efficiency Millimeter-wave Wide-Angle Scanning Phased Array Using Metasurface 2021 ,		1
285	Omnidirectional oversized annular lens antenna with high gain for 5G millimeter-wave channel measurement. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 2621-2627	1.2	
284	Low-Profile Compact Microstrip Magnetic Dipole Antenna With Large Beamwidth and Broad Bandwidth for Vehicular Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5445-5456	6.8	5
283	A transformer-based injection-locked frequency divider. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 2565-2569	1.2	
282	A New Class of Wideband MS-to-MS Vialess Vertical Transition With Function of Filtering Performance. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1877-1881	3.5	1
281	Ultrawideband Dual-Polarized Antenna for LTE600/LTE700/GSM850/GSM900 Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1135-1139	3.8	2
280	A Linearly Polarized Low-Profile Complementary Antenna With Enhanced Bandwidth and Wide Broadside Beamwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1332-1336	3.8	3
279	Analytical Design of Millimeter-Wave 100-nm GaN-on-Si MMIC Switches Using FET-Based Resonators and Coupling Matrix Method. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3307-3318	4.1	4
278	High-Isolation Topology for Filtering Power Dividers Based on Complex Isolation Impedance and Surface Wave Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 43-53	4.1	5
277	Miniaturized Wideband Planar Antenna Using Interembedded Metasurface Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3021-3026	4.9	15
276	Low-profile wideband dual-circularly polarized orbital angular momentum antenna array using metasurface. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 1207-1212	1.2	1
275	Wideband high-gain multiresonance antenna based on polarization-dependent metasurface. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 638-646	1.2	2
274	3-D Printed All-Dielectric Dual-Band Broadband Reflectarray With a Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
273	A wideband low-profile antenna using hybrid metasurface structure. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 965-969	1.2	1
272	Gain Enhancement of Low-Profile Omnidirectional Antenna Using Annular Magnetic Dipole Directors. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 8-12	3.8	4
271	Transparent FSS on Glass Window for Signal Selection of 5G Millimeter Wave Communication. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	4
270	Balanced Dielectric Resonator Filters With Multiple Reconfigurable Passbands. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	1
269	Low-Profile Broadband Vertically Polarized Microstrip Magnetic Dipole Antenna With Endfire Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	1

268	Bandpass Filter with Ultra-Wide Upper Stopband on GaAs IPD Technology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	0
267	A Low-Profile Dual-Band Coaperture Monopolar Antenna Based on Cross-Layer Folded Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
266	Miniaturized Wideband Metasurface Antennas Using Cross-layer Capacitive Loading. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	3
265	A Broadband Low-Profile Transmitarray Antenna by Using Differentially-Driven Transmission Polarizer with True-Time Delay. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
264	A ± 45 -deg Dual-Polarized Dual-Beam Series-Fed Metasurface Antenna Array with Stable Beam Angle. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
263	A VCO With Extra Cross-Coupling Path. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-1	2.6	1
262	Compact Shared-Aperture Dual-Band Dual-Polarized Array Using Filtering Slot Antenna and Dual-Function Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	7
261	Phase Shift Techniques for Improving Varactor-Less QVCO Based on Rotated-Phase-Tuning. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
260	Spaceborne miniaturized UHF dual band helix antenna with a small frequency ratio. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 1767-1773	1.2	1
259	Sub-Terahertz 3-D Printed All-Dielectric Low-Cost Low-Profile Lens-Integrated Polarization Beam Splitter. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2021 , 11, 433-442	3.4	0
258	Balanced and Unbalanced Duplexers Using Common Oval Dielectric Resonators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3211-3221	3.9	5
257	Millimeter-Wave Frequency-Reconfigurable Metasurface Antenna Based on Vanadium Dioxide Films. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 4359-4369	4.9	4
256	Dual-Band Dual-Circularly Polarized Antenna Array With Printed Ridge Gap Waveguide. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5118-5123	4.9	9
255	Dual-Mode Filtering Switches Based on Hybrid Microstrip-Cavity Structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3853-3860	4.1	1
254	Wideband self-packaged antenna based on substrate-integrated suspended line platform for 5G millimeter-wave application. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 3072-3078	1.2	0
253	Low-Profile Circularly Polarized Isoflux Beam Antenna Array Based on Annular Aperture Elements for CubeSat Earth Coverage Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5489-5502	4.9	3
252	A 15 \times 8 GHz Vector-Summing Phase-Shifter With 360 $^\circ$ Phase-Shifting Range Using Improved I/Q Generator. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 3199-3203	3.5	2
251	Study of Single-and Dual-frequency Microwave Ablation Antennas Based on Shorted Helical Slot. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2

250	Aperture-Shared Millimeter-Wave/Sub-6 GHz Dual-Band Antenna Hybridizing Fabry-Perot Cavity and Fresnel Zone Plate. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	9
249	A Divide-by-Three ILFD With Second Harmonic Enhancement. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-1	2.6	0
248	Dual-Band Coaxial Filter and Diplexer Using Stub-Loaded Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 2691-2700	4.1	16
247	Review and Modification of Permittivity Measurement on Open Resonator for Transparent Material Measurements at Terahertz. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020 , 69, 9144-9156	5.2	6
246	Compact on-chip millimetre wave bandpass filters with meandered grounding resonator in 0.13- μm (Bi)-CMOS technology. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 559-565	1.6	3
245	An Unusual and Facile Synthetic Route to Alumoles. <i>Angewandte Chemie</i> , 2020 , 132, 10113-10117	3.6	1
244	Dual-Mode Filtering Baluns Based on Hybrid Cavity-Microstrip Structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1637-1645	4.1	6
243	A Compact Microstrip Antenna With Extended Half-Power Beamwidth and Harmonic Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4312-4319	4.9	9
242	VHF band spaceborne element rotation angle controlled phased antenna array for SAT-AIS application. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 2375-2382	1.2	2
241	3-D Printed Planar Dielectric Linear-to-Circular Polarization Conversion and Beam-Shaping Lenses Using Coding Polarizer. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4332-4343	4.9	12
240	60 GHz Dual-Polarized High-Gain Planar Aperture Antenna Array Based on LTCC. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2883-2894	4.9	8
239	A Millimeter-Wave Reconfigurable On-Chip Coupler With Tunable Power-Dividing Ratios in 0.13- μm BiCMOS Technology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1516-1526	3.9	8
238	A Dual-Band Dual-Polarized Antenna Array Arrangement and Its Application for Base Station Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 972-976	3.8	23
237	A Compact Broadband Transparent Waveguide Window Based on Low-Loss Cyclic Olefin Copolymer. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 335-338	2.6	4
236	A Compact Ku-Band Broadband GaAs Power Amplifier Using an Improved Darlington Power Stage. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 3068-3078	4.1	3
235	Compact three-way Gysel power divider with arbitrary power dividing ratio. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 2102-2109	1.6	1
234	Compact Balanced Bandpass Filter With Wideband Common Mode Suppression 2020 ,		2
233	High-Performance Wideband Balanced Bandpass Filter Based on Transversal Signal-Interference Techniques. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 4119-4126	1.3	3

232	Novel Wideband Polarization Rotating Metasurface Element and Its Application for Wideband Folded Reflectarray. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2118-2127	4.9	12
231	Low-Profile Wideband and High-Gain LTCC Patch Antenna Array for 60 GHz Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 3237-3242	4.9	4
230	A Highly Selective Resorber Based on Second-Order Resonance. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 223-227	3.8	13
229	Half-Air-Filled Ball-Grid-Array-Based Substrate-Integrated Groove-Gap Waveguide and its Transition to Microstrip at W-Band. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 5145-5153	4.1	5
228	Low-Profile Ultrawideband Circularly Polarized Metasurface Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1714-1718	3.8	8
227	Miniaturized Single-Ended and Balanced Dual-Band Diplexers Using Dielectric Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 4257-4266	4.1	9
226	Planar Reconfigurable Balanced Rat-Race Coupler With Improved Amplitude Imbalance Performance and Common-Mode Noise Absorption. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 4276-4289	4.1	5
225	Simulation and Experimental Study of Flexible Cooling System Based on Microchannel in PDMS. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020 , 10, 2027-2036	1.7	0
224	LTCC Bandstop Filters With Controllable Bandwidths Using Transmission Zeros Pair. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1034-1038	3.5	7
223	Synthesis and Design of LTCC Filtering Balun With Wide Stopband. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1404-1408	3.5	5
222	Low-profile Wideband Linearly/Circularly-polarized Metasurface Antennas Fed By Coplanar Waveguide Lines 2019 ,		1
221	Novel Compact High-Gain Differential-Fed Dual-Polarized Filtering Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 7261-7271	4.9	37
220	A Millimeter-Wave Reconfigurable On-Chip Coupler with Tunable Power-Dividing Ratios 2019 ,		1
219	28/38 GHz Dual-band Dual-polarized Highly Isolated Antenna for 5G Phased Array Applications 2019 ,		6
218	Wideband Stable-gain Multi-resonance Antenna Using Non-periodic Square-ring Metasurface 2019 ,		1
217	Single-Ended-Fed High-Gain LTCC Planar Aperture Antenna for 60 GHz Antenna-in-Package Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5154-5162	4.9	9
216	Filtering Power Amplifier With Wide Bandwidth Using Discriminating Coupling. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 3822-3830	3.9	10
215	Wideband High-Efficiency Power Amplifier Using D/CRLH Bandpass Filtering Matching Topology. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 2393-2405	4.1	10

214	Reply to Comments on A Universal Approach for Designing an Unequal Branch-Line Coupler With Arbitrary Phase Differences and Input/Output Impedances. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 1210-1216	1.7	5
213	Single- and Dual-Band RF Rectifiers with Extended Input Power Range Using Automatic Impedance Transforming. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 1974-1984	4.1	26
212	A 24/77 GHz Dual-Band Receiver for Automotive Radar Applications. <i>IEEE Access</i> , 2019 , 7, 48053-48059	3.5	7
211	Circularly Polarized Antenna With Specified AR and Gain Beamwidth for Spaceborne Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 831-835	3.8	4
210	Universal Design Approach for Multiport Filtering Power Divider. <i>IEEE Access</i> , 2019 , 7, 15340-15348	3.5	2
209	Dual-Band Transmission-Line Resistance Compression Network and Its Application to Rectifiers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 119-132	3.9	21
208	Broadband Stable-Gain Multiresonance Antenna Using Nonperiodic Square-Ring Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1537-1541	3.8	24
207	Compact Microwave and Millimeter-Wave Bandpass Filters Using LTCC-Based Hybrid Lumped and Distributed Resonators. <i>IEEE Access</i> , 2019 , 7, 104797-104809	3.5	13
206	Four Ports Double Y-Shaped Ultra-Wideband Magneto-Photonic Crystals Circulator for 5G Communication System. <i>IEEE Access</i> , 2019 , 7, 120463-120474	3.5	4
205	Direct Sputtering on PDMS for Investigation of Stretchable and Transparent Microstrip Line. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 1741-1747	1.7	2
204	High-performance filtering antenna using spoof surface plasmon polaritons. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 2832-2837	1.3	23
203	Rectangular Dielectric Rod Antenna Fed by Air-Substrate Parallel Strip Line. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6308-6316	4.9	6
202	A Simple, Compact Filtering Patch Antenna Based on Mode Analysis With Wide Out-of-Band Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6244-6253	4.9	36
201	28-GHz band Omnidirectional Lens Antenna for Channel Measurements 2019 ,		1
200	A Transformer-based Injection-Locked Frequency Divider in 65-nm CMOS Technology 2019 ,		2
199	Wideband and High Gain Omnidirectional Lens Antenna for 5G mmWave Channel Measurements 2019 ,		1
198	A Novel Multi-Thread Parallel Constraint Propagation Scheme. <i>IEEE Access</i> , 2019 , 7, 167823-167835	3.5	
197	28-GHz High-Selectivity Bandpass Filters With Dual-Behavior Resonators Using GaAs Technology. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 5277-5282	1.3	13

196	Novel Filtering Method Based on Metasurface Antenna and Its Application for Wideband High-Gain Filtering Antenna With Low Profile. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1535-1544	4.9	66
195	A Circularly Polarized Spaceborne Antenna With Shaped Beam for Earth Coverage Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2235-2242	4.9	12
194	\$N\\$\$ -Way Gysel Power Divider With Arbitrary Power-Dividing Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 659-669	4.1	17
193	Compact Dual-Channel Balanced Filter and Balun Filter Based on Quad-Mode Dielectric Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 494-504	4.1	11
192	Multi-Functional Balanced-to-Unbalanced Filtering Power Dividers With Extended Upper Stopband. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1154-1158	3.5	21
191	Novel \$W\\$\$ -Band LTCC Transition From Microstrip Line to Ridge Gap Waveguide and its Application in 77/79 GHz Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 915-924	4.9	21
190	Multiport Power Combining Patch Antenna With Stable Reflection Coefficient and Radiation Pattern in Six Polarization States. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 719-729	4.9	4
189	Broadband Filtering Power Dividers Using Simple Three-Line Coupled Structures. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 1103-1110	1.7	17
188	A Differentially Fed Dual-Polarized Magnetic Dipole Antenna for Spaceborne Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 861-871	4.9	12
187	Design of Compact Coaxial-Like Bandpass Filters Using Dielectric-Loaded Strip Resonator. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018 , 8, 456-464	1.7	5
186	Reconfigurable Impedance Matching Networks With Controllable Phase Shift. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1514-1518	3.5	1
185	Design of Wideband Circularly Polarized Vivaldi Antenna With Stable Radiation Pattern. <i>IEEE Access</i> , 2018 , 6, 637-644	3.5	15
184	A V-Band CMOS VCO With Digitally-Controlled Inductor for Frequency Tuning. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 979-983	3.5	9
183	UWB AND NOTCHED-BAND UWB DIFFERENTIAL FILTERS USING MULTILAYER AND DEFECTED GROUND STRUCTURES (DGSSs) 2018 , 249-282		
182	APPLICATION OF SIGNAL INTERFERENCE TECHNIQUE TO THE IMPLEMENTATION OF WIDEBAND DIFFERENTIAL FILTERS 2018 , 283-310		
181	A W-Band Balanced Power Amplifier Using Broadside Coupled Strip-Line Coupler in SiGe BiCMOS 0.13- \$\mu\text{m}\$ Technology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2139-2150	3.9	21
180	60 GHz Dual-Circularly Polarized Planar Aperture Antenna and Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1014-1019	4.9	46
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14	A novel compact microstrip bandpass filter using an open-loop resonator with radial stub. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 387-389	1.2	2
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