

Wenquan Q Che

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.

367
papers

4,252
citations

34
h-index

47
g-index

493
ext. papers

5,581
ext. citations

2.5
avg, IF

6.26
L-index

#	Paper	IF	Citations
367	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
366	A Ka-Band CMOS Phase-Invariant and Ultralow Gain Error Variable Gain Amplifier With Active Cross-Coupling Neutralization and Asymmetric Capacitor Techniques. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 70, 85-100	4.1	0
365	Frequency-Selective Rasorbers: A View of Frequency-Selective Rasorbers and Their Application in Reducing the Radar Cross Sections of Antennas. <i>IEEE Microwave Magazine</i> , 2022 , 23, 86-98	1.2	1
364	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
363	Bandstop Frequency Selective Surfaces Based on Aramid Paper Honeycomb Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
362	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	
361	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
360	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
359	Low-Profile Shared-Structure Dual-Polarized Yagi-Uda Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 21, 843-847	3.8	0
358	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
357	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	
356	Novel Wideband Bandpass Filters Using Double-sided Quasi-SSPPs Transmission Line. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
355	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
354	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
353	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	
352	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	
351	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

350	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
349	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
348	A Ka-Band High-Power Switchable Filtering Power Combiner MMIC in 100-nm GaN-on-Si. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	1
347	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
346	High-Efficiency Power Amplifier with a Multiharmonic Tuning Network. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 389-392	2.6	2
345	A 9.8B0.1 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
344	A Differentially Fed Dual-Polarized Filtering Patch Antenna With Good Stopband Suppression. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1228-1232	3.5	7
343	Millimeter-Wave Dual-Band Bandpass Filter With Large Bandwidth Ratio Using GaAs-Based Integrated Passive Device Technology. <i>IEEE Electron Device Letters</i> , 2021 , 42, 493-496	4.4	1
342	A miniaturized wideband antenna using hybrid L/T-shaped metasurface structure. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 2186-2191	1.2	2
341	On-Wafer Microrectangular Coaxial Delay Line by Using MEMS-Casting Process. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 437-440	2.6	1
340	High-efficiency Millimeter-wave Wide-Angle Scanning Phased Array Using Metasurface 2021 ,		1
339	Wide Input Power Range X-Band Rectifier With Dynamic Capacitive Self-Compensation. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 525-528	2.6	3
338	A Miniaturized Ka-Band Bandpass Filter Using Folded Hybrid Resonators Based on Monolithic Microwave Integrated Circuit Technology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1778-1782	3.5	0
337	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
336	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
335	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
334	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
333	A Wideband CMOS LNA Using Transformer-Based Input Matching and Pole-Tuning Technique. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3335-3347	4.1	10

332	Ultra-Low-Loss Millimeter-Wave LTCC Bandpass Filters Based on Flexible Design of Lumped and Distributed Circuits. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1123-1127	3.5	8
331	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1897-1901	3.5	5
330	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
329	Miniaturized Wideband Planar Antenna Using Interembedded Metasurface Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3021-3026	4.9	15
328	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
327	Wideband high-gain multiresonance antenna based on polarization-dependent metasurface. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 638-646	1.2	2
326	A wideband low-profile antenna using hybrid metasurface structure. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 965-969	1.2	1
325	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
324	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
323	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
322	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
321	A Dual-Band Steerable Dual-Beam Metasurface Antenna Based on Common Feeding Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
320	Miniaturized Wideband Metasurface Antennas Using Cross-layer Capacitive Loading. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	3
319	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
318	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
317	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
316	Admittance-inverter-based two-section filtering power divider with OVER 40-dB output isolation. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 2975	1.2	
315	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

314	Investigation and Improvements of UWB Microstrip Delay Lines. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021 , 11, 1292-1300	1.7	2
313	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
312	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
311	Dual-Polarized Nonreciprocal Spatial Amplification Active Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1789-1793	3.8	0
310	A 15.8 GHz Vector-Summing Phase-Shifter With 360° 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
309	Low Insertion-Loss MMIC Bandpass Filter Using Lumped-Distributed Parameters for 5G Millimeter-Wave Application. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021 , 11, 98-108	1.7	7
308	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
307	Paper-based composites as a dual-functional material for ultralight broadband radar absorbing honeycombs. <i>Composites Part B: Engineering</i> , 2020 , 202, 108378	10	16
306	Design of High-Transmittance All-Dielectric Focusing Metasurface With Polarization-Controllable Focus. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6183-6192	4.9	5
305	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
304	Novel Differential Bandpass Filter Using Spoof Surface Plasmon Polaritons. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 2083-2088	1.3	9
303	Wireless Power Transfer System With High Misalignment Tolerance for Bio-Medical Implants. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3023-3027	3.5	12
302	Dual-Band Branch-Line Couplers With Short/Open-Ended Stubs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2497-2501	3.5	4
301	Reduction of UWB Far-End Crosstalk in Microwave and Millimeter-Wave Band of Parallel Periodically Loaded Transmission Lines With Discontinuous Structured Guard Lines. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 2372-2383	1.3	5
300	High-Selectivity Narrow- and Wide-band Input-Reflectionless Bandpass Filters with Intercoupled Dual-Behavior Resonators. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 446-454	1.3	15
299	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
298	Compact Ku-band LTCC bandpass filter using folded dual-composite right- and left-handed resonators. <i>Electronics Letters</i> , 2020 , 56, 17-19	1.1	4
297	Coupling Analysis of Adjacent Substrate-Integrated Waveguides Based on the Equivalent Transmission Line Model. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1347-1354	4.1	0

296	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
295	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
294	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
293	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
292	Compact Balanced Bandpass Filter With Wideband Common Mode Suppression 2020 ,		2
291	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
290	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
289	Low-Loss, Thermally Insulating, and Flexible Rectangular Dielectric Waveguide for Sub-THz Signal Coupling in Superconducting Receivers. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2020 , 10, 190-199	3.4	3
288	A Highly Selective Resorber Based on Second-Order Resonance. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 223-227	3.8	13
287	Wideband Planar Phased Array Antenna Based on Artificial Magnetic Conductor Surface. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1909-1913	3.5	7
286	. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2020 , 62, 1951-1960	2	13
285	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
284	Design of A Dual-Frequency Planar Microwave Ablation Antenna 2020 ,		1
283	Low-Profile Ultrawideband Circularly Polarized Metasurface Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1714-1718	3.8	8
282	. <i>IEEE Microwave Magazine</i> , 2020 , 21, 50-57	1.2	2
281	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
280	A Novel Leaky Wave Endfire Filtering Antenna Based on Spoof Surface Plasmon Polaritons. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 3061-3066	1.3	11
279	Novel Low-RCS Circularly Polarized Antenna Arrays via Frequency-Selective Absorber. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 287-296	4.9	22

278	Realization of Multiple Transmission Zeroes for Bandpass Filters With Simple Inline Topology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1029-1033	3.5	10
277	A Wideband Absorber of Load Dipoles on a Dielectric Substrate with Inductive Ground Plane. <i>Radio Science</i> , 2019 , 54, 867-875	1.4	
276	Low-profile Wideband Linearly/Circularly-polarized Metasurface Antennas Fed By Coplanar Waveguide Lines 2019 ,		1
275	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
274	Lessons From Professionals-The WiM Session at IWS 2019 [Women in Microwaves]. <i>IEEE Microwave Magazine</i> , 2019 , 20, 75-76	1.2	0
273	A Millimeter-Wave Reconfigurable On-Chip Coupler with Tunable Power-Dividing Ratios 2019 ,		1
272	A Novel Single-Layer Transmitarray Element Using Cross Dipoles and Rings With Vias 2019 ,		3
271	Wideband Stable-gain Multi-resonance Antenna Using Non-periodic Square-ring Metasurface 2019 ,		1
270	A Bandpass PushBull High Power Amplifier Based on SIW Filtering Balun Power Divider. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 4281-4286	1.3	15
269	An X-band 500W Internally Matched High Power GaN Amplifier 2019 ,		4
268	Design of a miniaturized planar half elliptical ultra-wideband dipole using a concaved arm. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21884	1.5	2
267	GAINS MAXIMIZATION VIA IMPEDANCE MATCHING NETWORKS FOR WIRELESS POWER TRANSFER. <i>Progress in Electromagnetics Research</i> , 2019 , 164, 135-153	3.8	8
266	. <i>IEEE Microwave Magazine</i> , 2019 , 20, 15-23	1.2	5
265	. <i>IEEE Access</i> , 2019 , 7, 77792-77803	3.5	6
264	Compact dual-band single-ended-to-balanced power dividers with open/short-ended stubs. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21812	1.5	2
263	Integration Design of Millimeter-Wave Filtering Patch Antenna Array With SIW Four-Way Anti-Phase Filtering Power Divider. <i>IEEE Access</i> , 2019 , 7, 49804-49812	3.5	31
262	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
261	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

260	Miniaturized Low-Profile Circularly Polarized Metasurface Antenna Using Capacitive Loading. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3527-3532	4.9	41
259	Vertically-integrated differential filtering patch antenna excited by a balun bandpass filter. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 300-304	1.6	7
258	Wideband filtering power dividers using single- and double-layer periodic spoof surface plasmon polaritons. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21706	1.5	8
257	A wideband reflectarray antenna using single-layer dipole element attached with T-shaped stubs. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21755	1.5	1
256	High Selectivity Balanced-to-Unbalanced Filtering Power Dividers Using Dual-Mode Ring Resonators. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 927-935	1.7	9
255	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
254	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
253	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
252	High-performance filtering antenna using spoof surface plasmon polaritons. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 2832-2837	1.3	23
251	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
250	Compact Microwave Rectifier with Wide Input Power Dynamic Range Based on Integrated Impedance Compression Network. <i>IEEE Access</i> , 2019 , 7, 151878-151887	3.5	4
249	The IEEE MTT-S 2019 International Microwave Biomedical Conference [Conference Report]. <i>IEEE Microwave Magazine</i> , 2019 , 20, 88-90	1.2	
248	A Broadband Reflectarray Antenna Using Single-Layer Rectangular Patches Embedded With Inverted L-Shaped Slots. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3132-3139	4.9	18
247	A Dual-Band Dual-Beam Metasurface Antenna 2019 ,		2
246	2019 ,		4
245	A Transformer-based Injection-Locked Frequency Divider in 65-nm CMOS Technology 2019 ,		2
244	Wideband Filtering Balun Power Divider Using Schiffman Phase Shifter 2019 ,		1
243	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

242	Balanced Rat-Race Couplers With Wideband Common-Mode Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 4724-4732	4.1	15
241	Compact filtering power divider with extended stopband using out-of-phase feeding scheme. <i>Electronics Letters</i> , 2019 , 55, 1347-1349	1.1	3
240	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
239	\sqrt{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
238	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 784-793	4.9	19
237	24 GHz Horizontally Polarized Automotive Antenna Arrays With Wide Fan Beam and High Gain. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 892-904	4.9	29
236	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
235	A compact dual-band crossover using coplanar-waveguide-fed dual-mode ring resonators. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21460	1.5	4
234	Novel \sqrt{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
233	A Novel Miniaturized Planar Ultra-Wideband Antenna. <i>IEEE Access</i> , 2019 , 7, 2769-2773	3.5	7
232	Miniaturized W-Band Gap Waveguide Bandpass Filter Using the MEMS Technique for Both Waveguide and Surface Mounted Packaging. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 938-942	3.5	20
231	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
230	WIDEBAND DIFFERENTIAL CIRCUITS USING T-SHAPED STRUCTURES AND RING RESONATORS 2018 , 177-247		
229	A Wideband Reconfigurable Impedance Matching Network for Complex Loads. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018 , 8, 1073-1081	1.7	4
228	Novel non-periodic spoof surface plasmon polaritons with H-shaped cells and its application to high selectivity wideband bandpass filter. <i>Scientific Reports</i> , 2018 , 8, 2456	4.9	18
227	Six-port balanced network with high unequal power division ratio using shorted coupled lines. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21263	1.5	
226	HMSIW-based switchable units using super compact loaded shunt stubs and its applications on SIW/HMSIW switches. <i>International Journal of Electronics</i> , 2018 , 1-15	1.2	
225	Dual/Tri-Band Branch Line Couplers With High Power Division Isolation Using Coupled Lines. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 461-465	3.5	18

224	Low-Profile Dual-Polarization Frequency-Selective Rasorbers Based on Simple-Structure Lossy Cross-Frame Elements. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1002-1005	3.8	55
223	Multi-Band Balanced Couplers With Broadband Common-Mode Suppression. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1964-1968	3.5	20
222	Characteristics of Dual Composite Right/Left-Handed Unit Cell and Its Applications to Bandpass Filter Design. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 719-723	3.5	7
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217	Low-Profile Wideband Dual-Circularly Polarized Metasurface Antenna Array With Large Beamwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1613-1616	3.8	43
216	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5160-5169	4.9	11
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206	Development of Compact HMSIW Gysel Power Dividers With Microstrip Isolation Networks. <i>IEEE Access</i> , 2018 , 6, 60429-60437	3.5	8
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200	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 5260-5271	4.1	17
199	Single-Ended-to-Balanced Filtering Power Dividers With Wideband Common-Mode Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 5531-5542	4.1	23
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196	Single-ended-to-balanced balun-based dual-band power divider with open-ended stubs 2018 ,		1
195	Novel Gysel power dividers based on Half-Mode Substrate Integrated Waveguide (HMSIW) 2018 ,		5
194	High Selectivity Wideband Balanced Filters With Multiple Transmission Zeros. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 1182-1186	3.5	57
193	Low-Profile Broadband Absorbers Based on Capacitive Surfaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 74-78	3.8	33
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179	Miniaturized Multiway Unequal Power Divider With Controllable Characteristic Impedances. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 1062-1064	2.6	7
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174	Double-polarization frequency selective absorber based on cross-frame and circle ring slot arrays 2017 ,		5
173	Multi-functional antennas using polarization-rotation artificial magnetic conductor structures 2017 ,		1
172	High selectivity wideband balanced filter based on modified coupled lines structures 2017 ,		3
171	Antenna pair with self-interference cancellation for full duplex communication 2017 ,		1

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168	Wireless Power Transfer With Three-Ports Networks: Optimal Analytical Solutions. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 494-503	3.9	13
167	Revisiting and improvement of thru-reflect-line calibration for accurate measurement of substrate integrated waveguide components. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 29-35	1.6	3
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164	. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 1065-1067	2.6	19
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159	Switchable Low-Profile Broadband Frequency-Selective Rasorber/Absorber Based on Slot Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 6998-7008	4.9	96
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155	Wireless power transmission from two transmitters to one receiver: Optimal design for power maximization 2016 ,		1
154	Dual-band balanced-to-unbalanced filtering power divider by coupled ring resonators. <i>Electronics Letters</i> , 2016 , 52, 1862-1864	1.1	31
153	An S-band 350W internally matched solid-state power amplifier using GaN power HEMTs 2016 ,		6

152	A novel 24-GHz series-fed patch antenna array for radar system 2016,			3
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150	Wideband filtering crossover using dual-mode ring resonator. <i>Electronics Letters</i> , 2016 , 52, 541-542	1.1		15
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148	High-selectivity balanced-filter circuits based on coupled lines with open/shorted loaded stubs. <i>HKIE Transactions</i> , 2016 , 23, 2-11	2.9		1
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143	Low-loss tunable tri-pole band-pass filter using crossed resonator. <i>Journal of Electromagnetic Waves and Applications</i> , 2016 , 30, 251-258	1.3		1
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141	High selectivity balanced filter with multiple transmission zeros using ring resonators 2016,			1
140	A Fast and Efficient Design Method for Circuit Analog Absorbers Consisting of Resistive Square-Loop Arrays. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2016 , 58, 747-757	2		29
139	Wireless power transfer between one transmitter and two receivers: optimal analytical solution. <i>Wireless Power Transfer</i> , 2016 , 3, 63-73	0.9		11
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135	A Compact Tunable Power Divider With Wide Tuning Frequency Range and Good Reconfigurable Responses. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 1054-1058	3.5		20

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130	Wideband balanced networks with wideband common mode suppression and arbitrary power-dividing ratio. <i>Journal of Electromagnetic Waves and Applications</i> , 2016 , 30, 1773-1784	1.3	
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125	A Broadband Patch Antenna Array With Planar Differential L-Shaped Feeding Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 127-130	3.8	22
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122	Novel Frequency-Agile Bandpass Filter With Wide Tuning Range and Spurious Suppression. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 6428-6435	8.9	46
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114	Balanced filter circuit based on open/shorted loaded stubs 2015 ,		2
113	High-efficiency microstrip patch antennas using non-periodic artificial magnetic conductor structure 2015 ,		2
112	Ultra-wideband bandpass filter with reconfigurable notch bands using TCSRs. <i>Electronics Letters</i> , 2015 , 51, 1893-1894	1.1	13
111	Wideband Balanced Network with High Isolation Using Double-Sided Parallel-Strip Line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 4013-4018	4.1	33
110	Millimeter-wave multi-beam antenna based on 2-D SIW beam-scanning network 2015 ,		2
109	A Compact Four-way Dual-band Power Divider Using Lumped Elements. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 94-96	2.6	24
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102	Wideband In-Phase and Out-of-Phase Balanced Power Dividing and Combining Networks. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 1192-1202	4.1	31
101	Analysis and design of high-order wideband bandstop filters with sharp rejection. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 1030-1040	1.6	8
100	Tri-band microstrip bandpass filter using input/output cross coupling. <i>International Journal of Electronics</i> , 2014 , 101, 405-409	1.2	2
99	Substrate-integrated waveguide matching terminations with microwave absorbing material. <i>Electronics Letters</i> , 2014 , 50, 1216-1218	1.1	9

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93	Differential-Fed Patch Antenna Arrays With Low Cross Polarization and Wide Bandwidths. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1069-1072	3.8	58
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91	Low-temperature cofired ceramic planar helical filter with single-sided transmission zeros. <i>Electronics Letters</i> , 2014 , 50, 1363-1365	1.1	1
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88	Microstrip diplexer for GSM and WLAN bands using common shorted stubs. <i>Electronics Letters</i> , 2014 , 50, 1486-1488	1.1	20
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85	Organic millimeterwave fishnet metamaterial structures 2014 ,		2
84	High selectivity tri-band microstrip bandpass filter with controllable passband frequencies. <i>International Journal of Electronics Letters</i> , 2014 , 2, 218-223	0.6	
83	Compact unequal Wilkinson power divider with large power dividing ratio 2014 ,		1
82	Novel microstrip bandpass filter with multiple transmission zeros using open/shorted stubs 2014 ,		0
81	LTCC Multilayered Substrate-Integrated Waveguide Filter With Enhanced Frequency Selectivity for System-in-Package Applications. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 664-672	1.7	43

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68	Dual-wideband bandstop filter using transversal signal-interaction concept. <i>Electronics Letters</i> , 2013 , 49, 604-605	1.1	7
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64	Novel tunable bandstop filter using end-loaded quarter-wavelength resonators 2012 ,		2
63	Tri-band bandpass filter using dual-mode resonators 2012 ,		1

62	Novel compact dual-band bandpass filter using square ring resonators 2012,		2
61	The driven eigenproblem computation with the Brent method acceleration 2012,		1
60	Novel Wideband Differential Bandpass Filters Based on T-Shaped Structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 1560-1568	4.1	118
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58	Substrate integrated waveguide quasi-elliptic bandpass filter with meander-slot coupling structures 2012,		3
57	Miniaturized dual-band loaded frequency selective surface with narrow band spacing 2012,		10
56	Novel compact dual-band bandpass filter with multiple transmission zeros and good selectivity 2012,		4
55	Investigations on bonding wire array for interconnect of RFICs 2012,		1
54	Studies on average power handling capacity of SIW with heat transfer theory 2012,		2
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