

Wenquan Q Che

List of Publications by Citations

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

367
papers

4,252
citations

34
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47
g-index

493
ext. papers

5,581
ext. citations

2.5
avg, IF

6.26
L-index

#	Paper	IF	Citations
367	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
366	Switchable Low-Profile Broadband Frequency-Selective Resorber/Absorber Based on Slot Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 6998-7008	4.9	96
365	The Proper Balance: Overview of Microstrip Wideband Balance Circuits with Wideband Common Mode Suppression. <i>IEEE Microwave Magazine</i> , 2015 , 16, 55-68	1.2	72
364	Wideband Balanced-to-Unbalanced Filtering Power Dividers Based on Coupled Lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 86-95	4.1	66
363	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
362	Balanced filters with wideband common mode suppression using dual-mode ring resonators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 1499-1507	3.9	63
361	Novel Polarization Rotation Technique Based on an Artificial Magnetic Conductor and Its Application in a Low-Profile Circular Polarization Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 6206-6216	4.9	63
360	A Wideband and High-Gain Edge-Fed Patch Antenna and Array Using Artificial Magnetic Conductor Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 769-772	3.8	62
359	Tunable Dual-Band Filter and Diplexer Based on Folded Open Loop Ring Resonators. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 1047-1051	3.5	59
358	Compact Wideband Differential Bandpass Filters Using Half-Wavelength Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 81-83	2.6	59
357	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
356	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
355	Low-Profile Dual-Polarization Frequency-Selective Resorbers Based on Simple-Structure Lossy Cross-Frame Elements. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1002-1005	3.8	55
354	Wideband LTCC 60-GHz Antenna Array With a Dual-Resonant Slot and Patch Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 174-182	4.9	53
353	Analysis and Experiments of Compact Folded Substrate-Integrated Waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 88-93	4.1	53
352	A Compact 38 GHz Multibeam Antenna Array With Multifolded Butler Matrix for 5G Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2996-2999	3.8	51
351	Novel Ultra-Wideband Bandpass Filter Using Shorted Coupled Lines and Transversal Transmission Line. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 548-550	2.6	47

350	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
349	Ultra-Wideband Differential Bandpass Filter With Narrow Notched Band and Improved Common-Mode Suppression by DGS. <i>IEEE Microwave and Wireless Components Letters</i> , 2012 , 22, 185-187 ^{2.6}	2.6	45
348	94-GHz Compact 2-D Multibeam LTCC Antenna Based on Multifolded SIW Beam-Forming Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4328-4333	4.9	43
347	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
346	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
345	60-GHz LTCC Differential-Fed Patch Antenna Array With High Gain by Using Soft-Surface Structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 206-216	4.9	42
344	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
343	Bandpass Filter Loaded With Open Stubs Using Dual-mode Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 295-297	2.6	40
342	Transversal Signal Interaction: Overview of High-Performance Wideband Bandpass Filters. <i>IEEE Microwave Magazine</i> , 2014 , 15, 84-96	1.2	40
341	A Low-Profile Frequency Selective Surface With Controllable Triband Characteristics. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 468-471	3.8	40
340	A Polarization-Reconfigurable Dipole Antenna Using Polarization Rotation AMC Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5305-5315	4.9	38
339	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
338	High-Gain Design of a Patch Antenna Using Stub-Loaded Artificial Magnetic Conductor. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 1172-1175	3.8	37
337	Compact High-Gain Metasurface Antenna Arrays Based on Higher-Mode SIW Cavities. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4918-4923	4.9	36
336	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
335	Millimeter-Wave TE ₂₀ -Mode SIW Dual-Slot-Fed Patch Antenna Array With a Compact Differential Feeding Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 456-461	4.9	36
334	Differential Dual-Band Bandpass Filter With Tunable Lower Band Using Embedded DGS Unit for Common-Mode Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 4183-4191 ^{4.1}	4.1	35
333	Low-Profile Broadband Absorbers Based on Capacitive Surfaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 74-78	3.8	33

332	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
331	Compact Planar Magic-T Based on the Double-Sided Parallel-Strip Line and the Slotline Coupling. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 2915-2923	4.1	33
330	A compact substrate integrated waveguide H-plane horn antenna with dielectric arc lens. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2007 , 17, 473-479	1.5	33
329	Investigation of Thin and Broadband Capacitive Surface-Based Absorber by the Impedance Analysis Method. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2015 , 57, 22-26	2	32
328	Combined-element frequency selective surfaces with multiple transmission poles and zeros. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 186-193	1.6	32
327	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
326	Dual-band balanced-to-unbalanced filtering power divider by coupled ring resonators. <i>Electronics Letters</i> , 2016 , 52, 1862-1864	1.1	31
325	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
324	Compact Ultra-Wideband Bandpass Filter With Improved Upper Stopband Using Open/Shorted Stubs. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 123-125	2.6	30
323	Dual-Band Microstrip Bandstop Filter With Multiple Transmission Poles Using Coupled Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 236-238	2.6	30
322	Compact Pattern-Reconfigurable Monopole Antenna Using Parasitic Strips. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 557-560	3.8	30
321	A novel bandpass filter based on complementary split rings resonators and substrate integrated waveguide. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 699-701	1.2	29
320	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
319	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
318	Analytical Design of Compact Dual-Band Filters Using Dual Composite Right-/Left-Handed Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 804-814	4.1	28
317	Compact Planar Magic-T Using E-Plane Substrate Integrated Waveguide (SIW) Power Divider and Slotline Transition. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 331-333	2.6	28
316	Tunable differential-mode bandpass filters with wide tuning range and high common-mode suppression. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 437-444	1.6	27
315	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

3 ¹⁴	High Selectivity Wideband Bandpass Filter Based on Transversal Signal-Interaction Concepts and T-Shaped Structure. <i>IEEE Microwave and Wireless Components Letters</i> , 2012 , 22, 562-564	2.6	25
3 ¹³	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
3 ¹²	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
3 ¹¹	High-performance filtering antenna using spoof surface plasmon polaritons. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 2832-2837	1.3	23
3 ¹⁰	Formula Derivation and Verification of Characteristic Impedance for Offset Double-Sided Parallel Strip Line (DSPSL). <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 304-306	2.6	23
3 ⁰⁹	H-plane 3-dB hybrid ring of high isolation in substrate-integrated rectangular waveguide (SIRW). <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 502-505	1.2	23
3 ⁰⁸	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
3 ⁰⁷	High-Selectivity Wideband Balanced Filters Using Coupled Lines With Open/Shorted Stubs. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 260-262	2.6	22
3 ⁰⁶	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
3 ⁰⁵	Multifunctional Reconfigurable Filter Using Transversal Signal-Interaction Concepts. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 980-982	2.6	22
3 ⁰⁴	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
3 ⁰³	A Compact Reconfigurable Coupler with Tunable Coupling Coefficients and Frequencies. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 129-131	2.6	21
3 ⁰²	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
3 ⁰¹	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
3 ⁰⁰	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
2 ⁹⁹	Microstrip diplexer for GSM and WLAN bands using common shorted stubs. <i>Electronics Letters</i> , 2014 , 50, 1486-1488	1.1	20
2 ⁹⁸	A compact planar bandpass filter with wide out-of-band rejection implemented by substrate-integrated waveguide and complementary split-ring resonator. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1483-1487	1.2	20
2 ⁹⁷	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

296	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
295	Compact ultra-wideband bandpass filters with narrow notched bands based on a ring resonator. <i>IET Microwaves, Antennas and Propagation</i> , 2013 , 7, 961-969	1.6	19
294	Self-Interference Cancellation Antenna Using Auxiliary Port Reflection for Full-Duplex Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2873-2876	3.8	19
293	. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 1065-1067	2.6	19
292	Compact dual-wideband bandstop filters based on open-coupled lines and transversal signal-interaction concepts. <i>IET Microwaves, Antennas and Propagation</i> , 2013 , 7, 92-97	1.6	19
291	Substrate integrated waveguide horn antenna with dielectric lens. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 168-170	1.2	19
290	. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 237-239	2.6	19
289	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 784-793	4.9	19
288	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
287	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
286	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
285	A Simplified Transistor-Based Analog Predistorter for a GaN Power Amplifier. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 326-330	3.5	18
284	A Novel Wideband Balanced-to-Unbalanced Power Divider Using Symmetrical Transmission Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 338-340	2.6	17
283	Compact Substrate Integrated Waveguide (SIW) Monopulse Network for $\text{\$Ku\$\text{-Band}}$ Tracking System Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 472-480	4.1	17
282	Enhanced Radiation From a Horizontal Dipole Closely Placed Above a PEC Ground Plane Using a Parasitic Strip. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4868-4871	4.9	17
281	$\text{\$N\$\text{-Way}}$ Gysel Power Divider With Arbitrary Power-Dividing Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 659-669	4.1	17
280	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 5260-5271	4.1	17
279	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

278	Compact wideband balanced bandpass filter with high common-mode suppression based on cascade parallel coupled lines. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 564-570	1.6	16
277	Compact Single-/Dual-Band Planar Crossovers Based on Strong Coupled Lines. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 854-863	1.7	16
276	A Novel PRAMC-Based Ultralow-Profile Transmitarray Antenna by Using Ray Tracing Principle. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 1779-1787	4.9	15
275	LTCC Wideband Bandpass Filters With High Performance Using Coupled Lines With Open/Shorted Stubs. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 602-609	1.7	15
274	A Bandpass PushPull High Power Amplifier Based on SIW Filtering Balun Power Divider. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 4281-4286	1.3	15
273	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
272	Wideband filtering crossover using dual-mode ring resonator. <i>Electronics Letters</i> , 2016 , 52, 541-542	1.1	15
271	Microstrip dual-band bandstop filter of defected ground structure and stepped impedance resonators. <i>International Journal of Electronics</i> , 2010 , 97, 1351-1359	1.2	15
270	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
269	Miniaturized Wideband Planar Antenna Using Interembedded Metasurface Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3021-3026	4.9	15
268	. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 275-277	2.6	14
267	High-Efficiency High-Isolation Dual-Orthogonally Polarized Patch Antennas Using Nonperiodic RAMC Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 887-892	4.9	14
266	Polarisation rotation reflective surface based on artificial magnetic conductor and its application. <i>Electronics Letters</i> , 2014 , 50, 1500-1502	1.1	14
265	High-selectivity wideband balanced bandpass filters using symmetrical multi-mode resonators. <i>IET Microwaves, Antennas and Propagation</i> , 2013 , 7, 1005-1015	1.6	14
264	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
263	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
262	Ultra-wideband bandpass filter with reconfigurable notch bands using TCSRs. <i>Electronics Letters</i> , 2015 , 51, 1893-1894	1.1	13
261	A Highly Selective Risorber Based on Second-Order Resonance. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 223-227	3.8	13

260	. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2020 , 62, 1951-1960	2	13
259	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
258	LTCC Multilayered Helical Filters With a Mixed Electric and Magnetic Coupling Structure. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015 , 5, 1050-1059	1.7	12
257	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
256	Bandpass filter using open/shorted dual-behaviour resonators. <i>Electronics Letters</i> , 2014 , 50, 610-611	1.1	12
255	Equivalence between substrate-integrated (SIRW) rectangular waveguide short-circuit load and its equivalent rectangular waveguide short-circuit load. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1694-1698	1.2	12
254	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
253	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5160-5169	4.9	11
252	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
251	Wireless power transfer between one transmitter and two receivers: optimal analytical solution. <i>Wireless Power Transfer</i> , 2016 , 3, 63-73	0.9	11
250	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 2374-2378	3.8	11
249	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
248	Miniaturized dual-band loaded frequency selective surface with narrow band spacing 2012 ,		10
247	Novel microstrip bandpass filter based on defected ground structure and slotline coupling techniques. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 4-6	1.2	10
246	Miniaturized planar ferrite junction circulator in the form of substrate-integrated waveguide. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2008 , 18, 8-13	1.5	10
245	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
244	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
243	Novel Differential Bandpass Filter Using Spoof Surface Plasmon Polaritons. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 2083-2088	1.3	9

242	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
241	A Concurrent Dual-Band High-Efficiency Power Amplifier With a Novel Harmonic Control Network. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 918-920	2.6	9
240	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
239	Substrate-integrated waveguide matching terminations with microwave absorbing material. <i>Electronics Letters</i> , 2014 , 50, 1216-1218	1.1	9
238	Planar Single/Dual-Band Crossovers With Large- Frequency Ratios Using Coupled Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 870-872	2.6	9
237	Bandpass filters with multiple transmission zeros using open/shorted stubs. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 769-774	1.6	9
236	Leakage and ohmic losses investigation in substrate-integrated waveguide. <i>Radio Science</i> , 2007 , 42, n/a-n/a	n/a	9
235	Wideband bandpass filter of folded substrate-integrated waveguide integrating with stripline compact resonant cell. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 390-393	1.2	9
234	GAINS MAXIMIZATION VIA IMPEDANCE MATCHING NETWORKS FOR WIRELESS POWER TRANSFER. <i>Progress in Electromagnetics Research</i> , 2019 , 164, 135-153	3.8	8
233	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
232	Unequal Wilkinson power divider with wide range of arbitrary power division based on recombinant technology. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 166-175	1.6	8
231	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	3.0	8
230	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
229	Compact dual-band bandpass filter based on stepped impedance resonators and T-shaped line. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2721-2724	1.2	8
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	Compact 60 GHz low-temperature cofired ceramic filter with quasi-elliptic bandpass response. <i>IET Microwaves, Antennas and Propagation</i> , 2016 , 10, 664-669	1.6	8
226	A Varactor Based Frequency-Tunable Power Divider With Unequal Power Dividing Ratio. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 589-591	2.6	8
225	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

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204	A Simple Method of Designing High-Efficiency Second-Harmonic-Tuned Power Amplifier. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 1149-1151	2.6	6
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185	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
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183	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
182	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
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180	Wideband power divider using double-layer periodic spoof surface plasmon polaritons 2018 ,		4
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156	Double-polarization frequency selective rasorber based on spiral slot array 2017 ,		3
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154	Wideband power dividers with improved upper stopband using coupled lines. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 2091-2096	1.6	3
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126	Millimeter-wave multi-beam antenna based on 2-D SIW beam-scanning network 2015 ,		2
125	A high power active circulator using GaN MMIC power amplifiers. <i>Journal of Semiconductors</i> , 2014 , 35, 115003	2.3	2
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121	Novel compact dual-band bandpass filter using square ring resonators 2012 ,		2
120	A novel low-profile tri-band frequency selective surface 2013 ,		2
119	Compact ultra-wideband bandpass filter implemented with stepped impedance resonators and T-shaped line 2010 ,		2
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109	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
108	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
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106	Compact Balanced Bandpass Filter With Wideband Common Mode Suppression 2020 ,		2
105	. <i>IEEE Microwave Magazine</i> , 2020 , 21, 50-57	1.2	2
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102	High selectivity wideband filtering crossovers using stub-loaded ring resonators. <i>Journal of Electromagnetic Waves and Applications</i> , 2016 , 30, 860-870	1.3	2
101	A Dual-Band Dual-Beam Metasurface Antenna 2019 ,		2
100	A Transformer-based Injection-Locked Frequency Divider in 65-nm CMOS Technology 2019 ,		2
99	Wideband high-gain multiresonance antenna based on polarization-dependent metasurface. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 638-646	1.2	2

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91	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
90	Low-profile Wideband Linearly/Circularly-polarized Metasurface Antennas Fed By Coplanar Waveguide Lines 2019 ,		1
89	A Millimeter-Wave Reconfigurable On-Chip Coupler with Tunable Power-Dividing Ratios 2019 ,		1
88	Wideband Stable-gain Multi-resonance Antenna Using Non-periodic Square-ring Metasurface 2019 ,		1
87	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
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84	Narrow-band bandpass filters with improved upper stopband using open/shorted coupled lines 2016 ,		1
83	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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76	Antenna pair with self-interference cancellation for full duplex communication 2017 ,		1
75	High performance LTCC wideband bandpass filter based on coupled lines 2017 ,		1
74	Matched resonant inductive WPT using the coupling-independent regime: Theory and experiments 2017 ,		1
73	High-gain 60-GHz patch antenna array using GaN MMIC technology 2015 ,		1
72	Dual-wideband bandpass filter with controllable bandwidths based on multimode resonator. <i>International Journal of Electronics</i> , 2014 , 101, 976-982	1.2	1
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69	Tri-band bandpass filter using dual-mode resonators 2012 ,		1
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66	Investigations on bonding wire array for interconnect of RFICs 2012 ,		1
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56	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
55	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
54	High-efficiency Millimeter-wave Wide-Angle Scanning Phased Array Using Metasurface 2021 ,		1
53	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
52	High selectivity balanced filter with multiple transmission zeros using ring resonators 2016 ,		1
51	Wideband Filtering Balun Power Divider Using Schiffman Phase Shifter 2019 ,		1
50	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
49	A wideband low-profile antenna using hybrid metasurface structure. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 965-969	1.2	1
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