

Peng Wu

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.

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	Ultralight Graphene Foam/Conductive Polymer Composites for Exceptional Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 9059-9069	9.5	321
320	Dual-Band Bandpass Filters Using Stub-Loaded Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 583-585	2.6	307
319	An Analytical Approach for a Novel Coupled-Line Dual-Band Wilkinson Power Divider. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011 , 59, 286-294	4.1	172
318	A Differentially-Driven Dual-Polarized Magneto-Electric Dipole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 425-430	4.9	163
317	Novel 1-D microstrip PBG cells 2000 , 10, 403-405		144
316	Novel Ultra-Wideband (UWB) Multilayer Slotline Power Divider With Bandpass Response. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 13-15	2.6	136
315	Novel Dual-Mode Dual-Band Filters Using Coplanar-Waveguide-Fed Ring Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 2183-2190	4.1	108
314	Design of Filtering-Radiating Patch Antennas With Tunable Radiation Nulls for High Selectivity. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2125-2130	4.9	94
313	Novel Centrally Loaded Resonators and Their Applications to Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 913-921	4.1	93
312	Planar Tri-Band Bandpass Filter With Compact Size. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 262-264	2.6	85
311	RF Tunable Bandstop Filters With Constant Bandwidth Based on a Doublet Configuration. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 1257-1265	8.9	82
310	Wideband Four-Way Out-of-Phase Slotline Power Dividers. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3598-3606	8.9	81
309	Analytical Design Method of Multiway Dual-Band Planar Power Dividers With Arbitrary Power Division. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 3832-3841	4.1	81
308	Low-Loss Frequency-Agile Bandpass Filters With Controllable Bandwidth and Suppressed Second Harmonic. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 1557-1564	4.1	80
307	Compact Tunable Filtering Power Divider With Constant Absolute Bandwidth. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 3505-3513	4.1	79
306	High Gain and Low Cost Differentially Fed Circularly Polarized Planar Aperture Antenna for Broadband Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 33-42	4.9	79
305	Tunable Bandpass Filter Design Based on External Quality Factor Tuning and Multiple Mode Resonators for Wideband Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 2574-2584	4.1	77

304	Compact Ultra-Wideband (UWB) Bandpass Filters With Multiple Notched Bands. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 447-449	2.6	70
303	Virtually Shorted Patch Antenna for Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 1213-1216	3.8	68
302	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
301	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
300	Planar Probe Coaxial-Waveguide Power Combiner/Divider. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009 , 57, 2761-2767	4.1	58
299	A novel microstrip ring hybrid incorporating a PBG cell. <i>IEEE Microwave and Wireless Components Letters</i> , 2001 , 11, 258-260	2.6	56
298	An Analytical Design Method for a Novel Dual-Band Unequal Coupler With Four Arbitrary Terminated Resistances. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 5509-5516	8.9	54
297	Harmonic-Suppressed Bandpass Filter Based on Discriminating Coupling. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 695-697	2.6	53
296	Broadband Patch Antenna With a Folded Plate Pair as a Differential Feeding Scheme. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2461-2467	4.9	53
295	Novel Broadband Bandpass Filters Using Y-Shaped Dual-Mode Microstrip Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 548-550	2.6	51
294	Differentially Fed Planar Aperture Antenna With High Gain and Wide Bandwidth for Millimeter-Wave Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 966-977	4.9	49
293	Dual-Band Bandpass Filter With Controllable Bandwidths Using Two Coupling Paths. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 616-618	2.6	49
292	Novel Narrow-Band Balanced Bandpass Filter Using Rectangular Dielectric Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 289-291	2.6	47
291	Dual Polarized Planar Aperture Antenna on LTCC for 60-GHz Antenna-in-Package Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 63-70	4.9	47
290	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
289	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	45
288	Dual-Band Bandpass Filter Design Using a Novel Feed Scheme. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 350-352	2.6	45
287	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

286	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
285	High-Selectivity Tunable Bandpass Filters With Harmonic Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 964-969	4.1	43
284	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
283	A Bandwidth Enhanced Doherty Power Amplifier With a Compact Output Combiner. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 434-436	2.6	41
282	A Dual-Band Out-of-Phase Power Divider. <i>IEEE Microwave and Wireless Components Letters</i> , 2008 , 18, 188-190	2.6	41
281	Novel oscillator incorporating a compact microstrip resonant cell. <i>IEEE Microwave and Wireless Components Letters</i> , 2001 , 11, 202-204	2.6	39
280	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
279	Low conversion-loss fourth subharmonic mixers incorporating CMRC for millimeter-wave applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2003 , 51, 1449-1454	4.1	38
278	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
277	Compact Filtering Rat-Race Hybrid With Wide Stopband. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 2550-2560	4.1	37
276	. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 5747-5756	4.9	37
275	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
274	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
273	A Substrate Integrated Slot Antenna Array Using Simplified Feeding Network Based on Higher Order Cavity Modes. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 126-135	4.9	35
272	Double-Sided Parallel-Strip Line With an Inserted Conductor Plane and Its Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 1899-1904	4.1	35
271	A Novel Electric and Magnetic Gap-Coupled Broadband Patch Antenna With Improved Selectivity and Its Application in MIMO System. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5625-5629	4.9	34
270	Broadband 90° Differential Phase Shifter Constructed Using a Pair of Multisection Radial Line Stubs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 2760-2767	4.1	34
269	Dual-Band Rectangular Patch Hybrid Coupler. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 1721-1728	4.1	33

268	Ultrawideband Strip-Loaded Circular Slot Antenna With Improved Radiation Patterns. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 3348-3353	4.9	33
267	Wideband Periodic Endfire Antenna With Bowtie Dipoles. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008 , 7, 314-317	3.8	32
266	A novel differential bandpass filter based on double-sided parallel-strip line dual-mode resonator. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1733-1735	1.2	32
265	Wideband Unidirectional Circularly Polarized Antenna With L-Shaped Radiator Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 12-15	3.8	31
264	Millimeter-Wave Power Amplifier Based on Coaxial-Waveguide Power-Combining Circuits. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 46-48	2.6	31
263	60 GHz Wideband High-Gain Circularly Polarized Antenna Array With Substrate Integrated Cavity Excitation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 751-755	3.8	30
262	Wideband Excitation Technology of TE_{20} Mode Substrate Integrated Waveguide (SIW) and Its Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 1863-1874	4.1	30
261	A compact bandpass filter with two tuning transmission zeros using a CMRC resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005 , 53, 895-900	4.1	30
260	China: Power Combiners/Dividers. <i>IEEE Microwave Magazine</i> , 2011 , 12, 96-106	1.2	28
259	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
258	Circularly Polarized Planar Aperture Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5316-5324	4.9	26
257	Mechanochemical destruction of DDTs with Fe-Zn bimetal in a high-energy planetary ball mill. <i>Journal of Hazardous Materials</i> , 2018 , 342, 201-209	12.8	26
256	Use of Frequency-Selective Surface for Suppressing Radio-Frequency Interference from Wireless Charging Pads. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3969-3977	8.9	26
255	An Investigation of Open- and Short-Ended Resonators and Their Applications to Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009 , 57, 2203-2210	4.1	26
254	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
253	Bowtie Dipole Antenna With Wide Beamwidth for Base Station Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007 , 6, 293-295	3.8	24
252	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
251	High-performance filtering antenna using spoof surface plasmon polaritons. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 2832-2837	1.3	23

250	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
249	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
248	60 GHz Substrate-Integrated Waveguide-Based Monopulse Slot Antenna Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4860-4865	4.9	22
247	Multifunctional Reconfigurable Filter Using Transversal Signal-Interaction Concepts. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 980-982	2.6	22
246	A W-Band Balanced Power Amplifier Using Broadside Coupled Strip-Line Coupler in SiGe BiCMOS 0.13- μm Technology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2139-2150 ²¹	3.9	21
245	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
244	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
243	Novel Σ -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
242	Design of Wideband Third-Order Bandpass Filters Using Broadside-Coupled Resonators in 0.13- μm (Bi)-CMOS Technology. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 5593-5604	4.1	21
241	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
240	Planar Aperture Antenna With High Gain and High Aperture Efficiency for 60-GHz Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 6262-6273	4.9	19
239	Ultra-wideband out-of-phase power divider using multilayer microstrip-slotline coupling structure. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1591-1594	1.2	19
238	A Novel Planar Impedance-Transforming Tight-Coupling Coupler and Its Applications to Microstrip Baluns. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 1480-1488	1.7	18
237	A Planar Folded Ultrawideband Antenna With Gap-Loading. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 216-220	4.9	18
236	Design, Fabrication, and Measurement of the Low-Loss SOI-Based Dielectric Microstrip Line and its Components. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016 , 1-10	3.4	18
235	Compact UHF Three-Element Sequential Rotation Array Antenna for Satcom Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2328-2338	4.9	17
234	Miniaturized VHF/UHF Dual-Band Circularly Polarized Four-Element Sequential-Rotation Array Antenna Based on Alternately Overlapped Bent Radiation-Coupled Dual-L Antenna Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4924-4929	4.9	17
233	Σ -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

232	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
231	Frequency splitter based on spoof surface plasmon polariton transmission lines. <i>Applied Physics Letters</i> , 2018 , 113, 161902	3.4	17
230	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
229	Ka-Band Omnidirectional High Gain Stacked Dual Bicone Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 294-299	4.9	16
228	Compact ultra-wideband notch-band bandpass filters using multiple slotline resonators. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1132-1135	1.2	16
227	Broadband Transition Between Double-Sided Parallel-Strip Line and Coplanar Waveguide. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 103-105	2.6	16
226	Wideband Excitations of Higher-Order Mode Substrate Integrated Waveguides and Their Applications to Antenna Array Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4038-4047	4.9	15
225	Design of Wideband Circularly Polarized Vivaldi Antenna With Stable Radiation Pattern. <i>IEEE Access</i> , 2018 , 6, 637-644	3.5	15
224	A 750-1000 GHz EH_{10} -Plane Dielectric Horn Based on Silicon Technology. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 5074-5083	4.9	15
223	Miniaturized Wideband Planar Antenna Using Interembedded Metasurface Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3021-3026	4.9	15
222	A Compact and Low-Loss Bandpass Filter Using Self-Coupled Folded-Line Resonator With Capacitive Feeding Technique. <i>IEEE Electron Device Letters</i> , 2018 , 1-1	4.4	15
221	A Novel Arbitrary Terminated Unequal Coupler With Bandwidth-Enhanced Positive and Negative Group Delay Characteristics. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 2170-2184	4.1	14
220	A Novel Dual-Band Bandpass E-plane Filter Using Compact Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 484-486	2.6	14
219	Half-spaced substrate integrated spoof surface plasmon polaritons based transmission line. <i>Scientific Reports</i> , 2017 , 7, 8013	4.9	14
218	Dual-mode microstrip bandpass filter using circular patch resonator with two transmission zeros. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 28-30	1.2	14
217	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
216	A Y-Shaped Stub Proximity Coupled V-Slot Microstrip Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007 , 6, 40-42	3.8	13
215	A Highly Selective Radar Absorber Based on Second-Order Resonance. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 223-227	3.8	13

214	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
213	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
212	Dual-Band and Low-Profile Differentially Fed Slot Antenna for Wide-Angle Scanning Phased Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 259-262	3.8	12
211	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
210	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
209	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
208	Filtering power divider with harmonic suppression based on LTCC broadside coupling. <i>Electronics Letters</i> , 2018 , 54, 697-699	1.1	12
207	A compact dual-band bandstop filter. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2952-2954	1.2	11
206	Novel bandpass filter with size reduction and harmonic suppression. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 914-916	1.2	11
205	A 2-D Van Atta Array Using Star-Shaped Antenna Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 1204-1206	4.9	11
204	1 THz Micromachined Waveguide Band-Pass Filter. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016 , 37, 435-447	2.2	11
203	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
202	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
201	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
200	Silicon Micromachined Waveguide Quadrature-Hybrid Coupler at Terahertz Frequency Band. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2015 , 36, 709-719	2.2	10
199	Arbitrary Multi-way Parallel Mathematical Operations Based on Planar Discrete Metamaterials. <i>Plasmonics</i> , 2018 , 13, 599-607	2.4	10
198	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
197	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

196	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
195	Compact Doherty Power Amplifier Design for 2 \times 2 Multiple-Input Multiple-Output System. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 216-218	2.6	9
194	A THz Detector Chip With Printed Circular Cavity as Package and Enhancement of Antenna Gain. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 1242-1249	4.9	9
193	Complementary Compact Microstrip Resonant Cell and Its Applications to Microwave Single- and Dual-Band Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 773-781	4.1	9
192	Capacitively loaded Wilkinson power divider with size reduction and harmonic suppression. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2737-2739	1.2	9
191	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
190	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
189	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
188	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
187	A Millimeter-Wave Reconfigurable On-Chip Coupler With Tunable Power-Dividing Ratios in 0.13- μ m BiCMOS Technology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1516-1526	3.9	8
186	60-GHz CMOS Current-Combining PA With Adaptive Back-Off PAE Enhancement. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 823-827	3.5	8
185	Low-Profile Ultrawideband Circularly Polarized Metasurface Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1714-1718	3.8	8
184	Development of Compact HMSIW Gysel Power Dividers With Microstrip Isolation Networks. <i>IEEE Access</i> , 2018 , 6, 60429-60437	3.5	8
183	A 24/77 GHz Dual-Band Receiver for Automotive Radar Applications. <i>IEEE Access</i> , 2019 , 7, 48053-48059	3.5	7
182	Phase Noise Reduction in a VHF MEMS-CMOS Oscillator Using Phononic Crystals. <i>IEEE Journal of the Electron Devices Society</i> , 2016 , 4, 149-154	2.3	7
181	E-Band Multi-Phase LC Oscillators With Rotated-Phase-Tuning Using Implicit Phase Shifters. <i>IEEE Journal of Solid-State Circuits</i> , 2018 , 53, 2560-2571	5.5	7
180	Novel approach to the design of unequal power divider with high-dividing ratio. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1240-1243	1.2	7
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