

Wen Duan

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.

168 papers	3,813 citations	36 h-index	55 g-index
209 ext. papers	5,160 ext. citations	3.7 avg, IF	6.27 L-index

#	Paper	IF	Citations
168	Miniaturized Balanced Filtering Power Dividers with Arbitrary Power Division Ratio Using Multi-Mode Dielectric Resonator in Single Cavity. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	2
167	Deployment Optimization of Reconfigurable Intelligent Surface for Relay Systems. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1	4	0
166	Analysis of Passive Intermodulation Distortion Caused by Asymmetric Electrical Contact. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2	0
165	Low-Loss Reconfigurable Power Divider With Arbitrary Operating Channels Using Switchable K Inverters for Antenna Feeding Network Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	0
164	Improved Design of Flange Mount Coaxial Connector with Low Passive Intermodulation Distortion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2	1
163	A Dual-Band RF All-Digital Transmitter Based on MPWM Encoding. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	0
162	Dual-Band Dual-Mode Dielectric Resonator Filtering Power Divider With Flexible Output Phase Difference and Power Split Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 70, 190-199	4.1	5
161	Filtering T-Type Switch With Flexible Signal Routing Reconfigurability for Crossover-/Adjacent-Channel Applications. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	0
160	High-Efficiency Dual-Band Filtering Doherty Power Amplifier Based on Multi-Function Circuit. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022 , 1-1	4.1	1
159	High-Gain Low Cross-Polarized Dual-Polarized Filtering Patch Antenna Without Extra Circuits. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
158	Compact Dual-Band Base-Station Antenna Using Filtering Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
157	Highly-Isolated RF Power and Information Receiving System Based on Dual-Band Dual-Circular-Polarized Shared-Aperture Antenna. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-9	3.9	
156	Miniaturized Broadband Doherty Power Amplifier Using Simplified Output Matching Topology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-10	3.9	1
155	Compact Dual-Polarized Filter with Steep Roll-off Rate for Base Stations. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
154	Efficiency-Enhanced Wireless Power Transfer Based on Multiple Coupling Paths. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-4	2.6	0
153	Self-Decoupled Dual-Band Dual-Polarized Aperture-Shared Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
152	Cross-Layer Optimization for Industrial Internet of Things in NOMA-based C-RANs. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0

151	A Pattern-Reconfigurable Filtering Patch Antenna Using Embedded Resonators And Switchable Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	
150	Offset Learning based Channel Estimation for Intelligent Reflecting Surface-Assisted Indoor Communication. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5	2
149	. <i>IEEE Microwave Magazine</i> , 2021 , 22, 52-63	1.2	7
148	A Dual-Layer Filtering SIW Slot Antenna Utilizing Double Slot Coupling Scheme. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1073-1077	3.8	2
147	Single-to-Balanced and Balanced-to-Balanced Dual-Channel Filters Using Multilayer Substrate Integrated Waveguide Cavities. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2389-2399	8.9	4
146	Switchable Diplexer Based on Coupling Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 166-170	3.5	1
145	A Scalable High-Power Microwave Source Based on Coherent Stimulated Emission. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	
144	Clean Bandwidth Improvement of MPWM Encoding Method for RF All-Digital Transmitter. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
143	Polarization-Independent Rectifier With Wide Frequency and Input Power Ranges Based on Novel Six-Port Network. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	3
142	A compact Dual-polarized Low-pass Filtering Antenna with Wideband Out-of-band Rejection. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	4
141	Design of Balanced Filtering Rat-Race Coupler Based on Quad-Mode Dielectric Resonator. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	11
140	Low Scattering Element Based Aperture-Shared Array for Multi-Band Base Stations. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	14
139	Hybrid Evolutionary-based Sparse Channel Estimation for IRS-assisted mmWave MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	9
138	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
137	Dual-Polarized Filtering Magneto-Electric Dipole Antenna Utilizing Intrinsic Highpass Filter Network and Integrated Lowpass Filter Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	9
136	Frequency Selective Surface Based Dual-band Dual-Polarized High-Gain Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
135	A Miniaturized Dual-band SIW Filtering Antenna With Improved Out-of-band Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
134	Joint Precoding Optimization for Secure SWIPT in UAV-Aided NOMA Networks. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5028-5040	6.9	108

133	Broadband Circularly Polarized Rectenna With Wide Dynamic-Power-Range for Efficient Wireless Power Transfer. <i>IEEE Access</i> , 2020 , 8, 80561-80571	3.5	9
132	Switchable Filtering Circuit With Single- and Multi-Channel Operations. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2958-2962	3.5	4
131	Broadband High-Efficiency Power Amplifier With Quasi-Elliptic Low-Pass Response. <i>IEEE Access</i> , 2020 , 8, 52566-52574	3.5	5
130	Simple Dual-Polarized Filtering Antenna With Enhanced Bandwidth for Base Station Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4354-4361	4.9	14
129	Filtering antennas: from innovative concepts to industrial applications. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2020 , 21, 116-127	2.2	3
128	High-Gain Circular Patch Antenna and Array With Introduction of Multiple Shorting Pins. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6506-6515	4.9	15
127	Balun-Fed Dual-Polarized Broadband Filtering Antenna Without Extra Filtering Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 656-660	3.8	16
126	A Six-Port Dual-Function RF Device With Four-Element MIMO Antenna Array and Bandpass Filter Operations. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4549-4559	4.9	7
125	An Agile LUT-Based All-Digital Transmitter. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 5550-5560	3.9	2
124	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
123	A Method of Generating Radiation Nulls Utilizing Inherent Resonance Modes for Dual-Polarized Filtering Dipole Antenna Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6413-6418	4.9	8
122	Millimeter-Wave Dual-Polarized Filtering Antenna for 5G Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5114-5121	4.9	38
121	Substrate Integrated Waveguide Multi-Channel Filtering Crossover With Extended Channel Number and Controllable Frequencies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2858-2862	3.5	10
120	Ultrawideband Differential Magnetic Near Field Probe With High Electric Field Suppression. <i>IEEE Sensors Journal</i> , 2020 , 20, 7669-7676	4	11
119	Novel Switchable Filtering Circuit With Function Reconfigurability Between SPQT Filtering Switch and Four-Way Filtering Power Divider. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 867-876	4.1	11
118	A Dual-Polarized Rectenna with High Efficiency at Low Input Power Density 2020 ,		3
117	Wideband Diplexer With Narrow Channel Spacing Using Hybrid Bandpass-Bandstop Structures. <i>IEEE Access</i> , 2020 , 8, 137783-137788	3.5	6
116	Compact Filtering Patch Antenna Arrays for Marine Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11408-11418	6.8	14

115	Microstrip-Fed Circular Ring-Slot Antennas With Very Wideband Harmonic Suppression. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2295-2299	3.8	2
114	A Simulation Technique for Radiation Properties of Time-Varying Media Based on Frequency-Domain Solvers. <i>IEEE Access</i> , 2019 , 7, 112375-112383	3.5	5
113	High-Q-Factor Dual-Band Bandpass Filter and Filtering Switch Using Stub-Loaded Coaxial Resonators 2019 ,		3
112	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5334-5343	4.9	8
111	A Two-Port Microwave Component With Dual-Polarized Filtering Antenna and Single-Band Bandpass Filter Operations. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5590-5601	4.9	14
110	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
109	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
108	Low-Profile Dual-Polarized Filtering Magneto-Electric Dipole Antenna for 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6235-6243	4.9	46
107	High- Q -Factor Tunable Bandpass Filter With Constant Absolute Bandwidth and Wide Tuning Range Based on Coaxial Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 4186-4195	4.1	7
106	Differential Evolution Optimization Algorithm for Antenna Designs with Mixed Discrete-Continuous Variables 2019 ,		1
105	Full-Duplex Relay Assisted Secure Transmission for NOMA Networks 2019 ,		1
104	Compact Dual-Band Dual-Mode Antenna With Omni-/Unidirectional Radiation Characteristics. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2657-2660	3.8	11
103	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
102	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
101	A Filtering Patch Antenna With Reconfigurable Frequency and Bandwidth Using F-Shaped Probe. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 121-130	4.9	58
100	Radiation Energy and Mutual Coupling Evaluation for Multimode MIMO Antenna Based on the Theory of Characteristic Mode. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 74-84	4.9	18
99	Substrate Integrated Waveguide Filtering Rat-Race Coupler Based on Orthogonal Degenerate Modes. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 140-150	4.1	16
98	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1294-1299	4.9	50

97	Wide-/Dual-Band Omnidirectional Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2622-2627	4.9	56
96	Low-Profile Conical-Pattern Slot Antenna With Wideband Performance Using Artificial Magnetic Conductors. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2210-2218	4.9	17
95	Low-Profile Planar Filtering Dipole Antenna With Omnidirectional Radiation Pattern. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1124-1132	4.9	42
94	High-Efficiency Single- and Dual-Band Rectifiers Using a Complex Impedance Compression Network for Wireless Power Transfer. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5012-5022	8.9	32
93	A Wideband Beam-Steerable Slot Antenna Using Artificial Magnetic Conductors With Simple Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1685-1694	4.9	28
92	High-Efficiency Rectifier With Wide Input Power Range Based on Power Recycling. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 744-748	3.5	36
91	Design of Ultrawideband High-Efficiency Extended Continuous Class-F Power Amplifier. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4661-4669	8.9	55
90	Corrections to "Compact Filtering Rat-Race Hybrid With Wide Stopband" [Aug 15 2550-2560]. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 1142-1143	4.1	
89	Analysis and Design of Dual-Band Rectifier Using Novel Matching Network. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 431-435	3.5	34
88	High-Efficiency Microwave Rectifier With Extended Operating Bandwidth. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 819-823	3.5	25
87	Optimization for Maximizing Sum Secrecy Rate in SWIPT-Enabled NOMA Systems. <i>IEEE Access</i> , 2018 , 6, 43440-43449	3.5	20
86	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5747-5756	4.9	62
85	Dual-channel filter based on dielectric resonator for 5G massive MIMO system 2018 ,		4
84	Compact Narrowband Filtering Rat-Race Coupler Using Quad-Mode Dielectric Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 4029-4039	4.1	12
83	Dual-Channel Dielectric Resonator Filter and Its Application to Doherty Power Amplifier for 5G Massive MIMO System. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 3297-3305	4.1	28
82	Narrowband Single-Pole Double-Throw Filtering Switch Based on Dielectric Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 594-596	2.6	16
81	Compact Single-/Dual-Polarized Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4474-4484	4.9	43
80	Corrections to "Cylindrical Power Divider With Arbitrary Power Ratios and Filtering Responses Using Coupling Structure" [Mar 14 431-440]. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 1144-1144	4.1	1

79	Novel Compact Substrate Integrated Waveguide Balun Filter and Balanced Filter 2018 ,		2
78	Multi-Port Patch Antennas for Flexible Power Combining and Feeding Choice. <i>IEEE Access</i> , 2018 , 6, 79094-79104	3.5	10
77	Low-Loss Narrowband Filtering Switch Based on Coaxial Resonators. <i>IEEE Access</i> , 2018 , 6, 47717-47722	3.5	10
76	Novel Pattern-Diversity-Based Decoupling Method and Its Application to Multielement MIMO Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4976-4985	4.9	47
75	High-Power Filtering Switch With Low Loss and High Isolation Based on Dielectric Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 2101-2110	4.1	21
74	Broadband Filtering Dielectric Resonator Antenna With Wide Stopband. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2079-2084	4.9	54
73	LTCC Out-of-Phase Filtering Power Divider Based on Multiple Broadside Coupled Lines. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 777-785	1.7	19
72	Very Small-Size Uniplanar Printed Monopole Antenna for Dual-Band WLAN Laptop Computer Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2916-2922	4.9	18
71	Compact MIMO antenna with embedded decoupling network 2017 ,		3
70	Compact High-Isolation LTCC Diplexer Using Common Stub-Loaded Resonator With Controllable Frequencies and Bandwidths. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4636-4644	4.1	17
69	Compact Single- and Dual-Band Filtering Patch Antenna Arrays Using Novel Feeding Scheme. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4057-4066	4.9	30
68	Distance-Insensitive Wireless Power Transfer Using Mixed Electric and Magnetic Coupling for Frequency Splitting Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4307-4316	4.1	24
67	Single- and Dual-Band LTCC Filtering Switch With High Isolation Based on Coupling Control. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3137-3146	8.9	30
66	Corrections to High-Gain Filtering Patch Antenna without Extra Circuit [Dec 15 5883-5888]. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 6196-6196	4.9	2
65	High-Efficiency Microwave Rectifier With Less Sensitivity to Input Power Variation. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 1001-1003	2.6	14
64	Novel Compact Planar Crossover With Bandpass Response Based on Cross-Shaped Resonator. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 2018-2026	1.7	9
63	MIMO Antenna Using Hybrid Electric and Magnetic Coupling for Isolation Enhancement. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 5162-5170	4.9	41
62	Compact Dual-Band Dual-Polarized Interleaved Two-Beam Array With Stable Radiation Pattern Based on Filtering Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4566-4575	4.9	51

61	High-Efficiency Broadband Rectifier With Wide Ranges of Input Power and Output Load Based on Branch-Line Coupler. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 731-739	3.9	71
60	Broadband Circularly Polarized Patch Antenna Arrays With Multiple-Layers Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 525-528	3.8	13
59	Bandpass Class-F Power Amplifier Based on Multifunction Hybrid Cavity-Microstrip Filter. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 742-746	3.5	40
58	Low-Profile Dual-Band Filtering Patch Antenna and Its Application to LTE MIMO System. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 103-113	4.9	91
57	Compact Filtering Switch With Wide-Stopband Response. <i>IEEE Access</i> , 2017 , 5, 23803-23808	3.5	2
56	Compact filtering switch with harmonic suppression based on coupling control 2017 ,		2
55	Novel Filtering Power Divider With Wide Stopband Using Discriminating Coupling. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 580-582	2.6	59
54	Dual-Polarized Filtering Antenna With High Selectivity and Low Cross Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4188-4196	4.9	104
53	Differential Rectifier Using Resistance Compression Network for Improving Efficiency Over Extended Input Power Range. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 2943-2954	4.1	48
52	Dual-Band Base Station Array Using Filtering Antenna Elements for Mutual Coupling Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3423-3430	4.9	118
51	Multi-function microwave components based on implantable filters. <i>HKIE Transactions</i> , 2016 , 23, 34-51	2.9	1
50	Synthesis and Implementation of LTCC Bandpass Filter With Harmonic Suppression. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 596-604	1.7	12
49	Microwave and Millimeter-Wave LTCC Filters Using Discriminating Coupling for Mode Suppression. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 272-281	1.7	17
48	A Balanced Filtering Branch-Line Coupler. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 119-121	2.6	31
47	Unequal Wilkinson Power Divider With Reduced Arm Length For Size Miniaturization. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 282-289	1.7	20
46	A Low-Profile High-Gain and Wideband Filtering Antenna With Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 2010-2016	4.9	152
45	Compact LTCC Balun With Bandpass Response Based on Marchand Balun. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 493-495	2.6	20
44	Novel ultra-wideband bandpass filter with a notch band using stub-loaded resonator 2016 ,		1

43	Single/dual polarized filtering patch antennas without using extra circuits 2016 ,		1
42	Parasitic patch antenna with filtering response 2016 ,		3
41	Dual-polarized high-selectivity filtering antennas without extra circuits 2016 ,		1
40	A Compact Filtering Dielectric Resonator Antenna With Wide Bandwidth and High Gain. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3645-3651	4.9	64
39	Novel Compact Quad-Band Bandpass Filter With Controllable Frequencies and Bandwidths. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 395-397	2.6	24
38	Compact Tri-Band Bandpass Filter Using Novel Eight-Mode Resonator for 5G WiFi Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 660-662	2.6	34
37	Compact Filtering Rat-Race Hybrid With Wide Stopband. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 2550-2560	4.1	37
36	Substrate Integrated Meandering Probe-Fed Patch Antennas for Wideband Wireless Devices. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015 , 5, 381-388	1.7	20
35	High-Gain Filtering Patch Antenna Without Extra Circuit. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5883-5888	4.9	196
34	Compact LTCC Bandpass Filter With Wide Stopband Using Discriminating Coupling. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 656-663	1.7	31
33	Single-Layer Dual-Band Reflectarray With Single Linear Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 199-205	4.9	34
32	Inkjet Printed Series-Fed Two-Dipole Antenna Comprising a Balun Filter on Liquid Crystal Polymer Substrate. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 1228-1236	1.7	19
31	Printed Meandering Probe-Fed Circularly Polarized Patch Antenna With Wide Bandwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 654-657	3.8	60
30	Gysel Power Divider With Arbitrary Power Ratios and Filtering Responses Using Coupling Structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 431-440	4.1	97
29	Compact Filtering Crossover Using Stub-Loaded Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 327-329	2.6	26
28	Novel Multi-Stub Loaded Resonators and Their Applications to Various Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 1162-1172	4.1	79
27	Novel millimeter-wave bandpass filter using discriminating coupling for fundamental mode suppression 2014 ,		1
26	A miniaturized filtering power divider with wide stopband 2014 ,		2

25	Compact Power Amplifier With Bandpass Response and High Efficiency. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 707-709	2.6	33
24	LTCC Bandpass Filter With Wide Stopband Based on Electric and Magnetic Coupling Cancellation. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2014 , 4, 1705-1713	1.7	21
23	Compact Band-Notched UWB Filter Using Parallel Resonators With a Dielectric Overlay. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 252-254	2.6	14
22	Novel 2:1 Wilkinson power divider integrated with bandpass filter. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 646-648	1.2	11
21	Miniaturized Triband Bandpass Filter Using Short-Stub-Loaded Resonator with High Selectivity. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2081-2083	1.2	2
20	High-Selectivity Dual-Band Bandpass Filter Using a Quad-Mode Resonator With Source-Load Coupling. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 474-476	2.6	60
19	On-chip dual-band bandpass filter on a GaAs substrate. <i>Electronics Letters</i> , 2013 , 49, 1157-1159	1.1	5
18	Hairpin bandpass filter on Liquid Crystal Polymer substrate using inkjet printing technology 2013 ,		2
17	Compact Filtering Power Divider With Enhanced Second-Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 483-485	2.6	113
16	Compact Equal and Unequal Dual-Frequency Power Dividers Based on Composite Right-/Left-Handed Transmission Lines. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 3464-3472	8.9	48
15	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
14	Miniaturized dual-band bandpass filter using quarter-wavelength stepped-impedance resonators 2012 ,		1
13	Compact Quad-Band Bandpass Filter Using Open- And Short-Stub-Loaded Resonators. <i>Journal of Electromagnetic Waves and Applications</i> , 2012 , 26, 1070-1081	1.3	3
12	Novel dual-band bandpass filters using stub-loaded short-ended resonators. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2771-2774	1.2	3
11	Design of center frequency and bandwidth tunable bandpass filter 2012 ,		5
10	Novel dual-band bandstop filter with controllable stopband frequencies. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1203-1206	1.2	17
9	Design of compact ultra-wideband (UWB) bandpass filter with notch band 2012 ,		1
8	Design of quad-band bandpass filter using open- and short-stub-loaded resonators 2011 ,		1

7	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
6	Planar Tri-Band Bandpass Filter With Compact Size. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 262-264	2.6	85
5	Compact Triband Patch Antenna With Large Scale of Frequency Ratio Using CRLH-TL Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 744-747	3.8	7
4	Bandpass Filter Using Discriminating Coupling for Extended Out-of-Band Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 369-371	2.6	31
3	Tunable bandpass filters with constant absolute bandwidth 2010 ,		3
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1	A Novel Feeding Scheme for Bandwidth Enhancement of Suspended Planar Antenna. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 223-227		