

Xiu Yin Zhang

List of Publications by Citations

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232
papers

5,057
citations

40
h-index

62
g-index

281
ext. papers

6,775
ext. citations

3.6
avg, IF

6.49
L-index

#	Paper	IF	Citations
232	Dual-Band Bandpass Filters Using Stub-Loaded Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 583-585	2.6	307
231	High-Gain Filtering Patch Antenna Without Extra Circuit. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5883-5888	4.9	196
230	Single- and Dual-Band Power Dividers Integrated With Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 69-76	4.1	178
229	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
228	Compact Filtering Power Divider With Enhanced Second-Harmonic Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 483-485	2.6	113
227	Joint Precoding Optimization for Secure SWIPT in UAV-Aided NOMA Networks. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5028-5040	6.9	108
226	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
225	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
224	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
223	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
222	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
221	Planar Tri-Band Bandpass Filter With Compact Size. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 262-264	2.6	85
220	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
219	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
218	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
217	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
216	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

215	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5747-5756	4.9	62
214	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
213	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
212	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
211	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
210	Wide-/Dual-Band Omnidirectional Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2622-2627	4.9	56
209	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
208	Harmonic-Suppressed Bandpass Filter Based on Discriminating Coupling. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 695-697	2.6	53
207	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
206	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1294-1299	4.9	50
205	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
204	Dual-Band Dual-Mode Button Antenna for On-Body and Off-Body Communications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017 , 11, 933-941	5.1	48
203	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
202	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
201	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
200	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
199	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
198	Compact Single-/Dual-Polarized Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4474-4484	4.9	43

197	High-Selectivity Tunable Bandpass Filters With Harmonic Suppression. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 964-969	4.1	43
196	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
195	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
194	A Dual-Band Out-of-Phase Power Divider. <i>IEEE Microwave and Wireless Components Letters</i> , 2008 , 18, 188-190	2.6	41
193	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
192	Millimeter-Wave Dual-Polarized Filtering Antenna for 5G Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5114-5121	4.9	38
191	Compact Filtering Rat-Race Hybrid With Wide Stopband. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 2550-2560	4.1	37
190	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
189	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
188	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
187	Single-Layer Dual-Band Reflectarray With Single Linear Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 199-205	4.9	34
186	Compact Power Amplifier With Bandpass Response and High Efficiency. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 707-709	2.6	33
185	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
184	A Balanced Filtering Branch-Line Coupler. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 119-121	2.6	31
183	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
182	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
181	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
180	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

179	Compact Quad-Band Bandpass Filter for DCS/WLAN/WiMAX/5G Wi-Fi Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 645-647	2.6	30
178	High-selectivity dual-band bandpass filter using asymmetric stepped-impedance resonators. <i>Electronics Letters</i> , 2009 , 45, 63	1.1	29
177	Joint Power Allocation and Splitting Control for SWIPT-Enabled NOMA Systems. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 120-133	9.6	29
176	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
175	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
174	High-Efficiency Filter-Integrated Class-F Power Amplifier Based on Dielectric Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 827-829	2.6	27
173	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
172	Joint 3D Trajectory Design and Time Allocation for UAV-Enabled Wireless Power Transfer Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9265-9278	6.8	26
171	Compact Filtering Crossover Using Stub-Loaded Ring Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 327-329	2.6	26
170	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
169	Minimum Throughput Maximization for Multi-UAV Enabled WPCN: A Deep Reinforcement Learning Method. <i>IEEE Access</i> , 2020 , 8, 9124-9132	3.5	26
168	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
167	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
166	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
165	Compact Triple-Band Rectifier for Ambient RF Energy Harvesting Application. <i>IEEE Access</i> , 2018 , 6, 19018-19024	3.4	24
164	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
163	A Broadband Filtering Duplex Patch Antenna With High Isolation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1937-1940	3.8	21
162	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

161	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
160	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
159	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
158	Optimization for Maximizing Sum Secrecy Rate in SWIPT-Enabled NOMA Systems. <i>IEEE Access</i> , 2018 , 6, 43440-43449	3.5	20
157	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
156	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
155	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
154	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
153	. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5834-5848	6.9	18
152	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
151	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
150	. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4428-4436	4.9	17
149	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
148	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
147	Novel dual-band bandstop filter with controllable stopband frequencies. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1203-1206	1.2	17
146	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
145	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
144	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

143	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
142	Hybrid Beamforming Design and Resource Allocation for UAV-aided Wireless-Powered Mobile Edge Computing Networks with NOMA. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 1-1	14.2	16
141	. <i>IEEE Access</i> , 2019 , 7, 127800-127808	3.5	15
140	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
139	Joint 3D Trajectory and Power Optimization for UAV-Aided mmWave MIMO-NOMA Networks. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2346-2358	6.9	15
138	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
137	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
136	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
135	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
134	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
133	Compact Filtering Patch Antenna Arrays for Marine Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11408-11418	6.8	14
132	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
131	Development challenges for 5G base station antennas 2018 ,		13
130	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
129	Bending Effect of an Inkjet-Printed Series-Fed Two-Dipole Antenna on a Liquid Crystal Polymer Substrate. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1172-1175	3.8	13
128	Multi-Objective Optimization for UAV-Assisted Wireless Powered IoT Networks Based on Extended DDPG Algorithm. <i>IEEE Transactions on Communications</i> , 2021 , 69, 6361-6374	6.9	13
127	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
126	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

125	IRS-Aided WPCNs: A New Optimization Framework for Dynamic IRS Beamforming. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	12
124	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2792-2797	4.9	11
123	Ultrawideband Differential Magnetic Near Field Probe With High Electric Field Suppression. <i>IEEE Sensors Journal</i> , 2020 , 20, 7669-7676	4	11
122	Novel 2:1 Wilkinson power divider integrated with bandpass filter. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 646-648	1.2	11
121	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
120	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
119	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
118	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
117	An Overview of Regulation Topologies in Resonant Wireless Power Transfer Systems for Consumer Electronics or Bio-Implants. <i>Energies</i> , 2018 , 11, 1737	3.1	11
116	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
115	Low-Loss Narrowband Filtering Switch Based on Coaxial Resonators. <i>IEEE Access</i> , 2018 , 6, 47717-47722	3.5	10
114	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
113	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
112	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
111	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
110	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
109	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5334-5343	4.9	8
108	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

107	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6419-6429	4.9	8
106	Compact differential-fed antenna with filtering response 2015 ,		8
105	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
104	High- Q^2 -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
103	FREQUENCY-TUNABLE BANDPASS FILTERS WITH CONSTANT ABSOLUTE BANDWIDTH AND IMPROVED LINEARITY. <i>Progress in Electromagnetics Research Letters</i> , 2012 , 33, 131-140	0.5	7
102	Study of HVDC Light for its enhancement of AC/DC interconnected transmission systems 2008 ,		7
101	Compact bandpass filter using open-loop resonators with capacitive loading. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 83-84	1.2	7
100	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
99	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1668-1677	4.1	6
98	. <i>IEEE Microwave Magazine</i> , 2020 , 21, 50-68	1.2	6
97	High-selectivity dual-band filtering power divider using stub-loaded quarter-wavelength resonator. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 2216-2223	1.3	6
96	Wideband Diplexer With Narrow Channel Spacing Using Hybrid Bandpass-Bandstop Structures. <i>IEEE Access</i> , 2020 , 8, 137783-137788	3.5	6
95	Compact tri-band bandpass filter with two closely frequency spaced passbands. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 82-90	1.3	5
94	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
93	Broadband High-Efficiency Power Amplifier With Quasi-Elliptic Low-Pass Response. <i>IEEE Access</i> , 2020 , 8, 52566-52574	3.5	5
92	Design of center frequency and bandwidth tunable bandpass filter 2012 ,		5
91	On-chip dual-band bandpass filter on a GaAs substrate. <i>Electronics Letters</i> , 2013 , 49, 1157-1159	1.1	5
90	NOVEL TRI-BAND BANDPASS FILTER USING STUB-LOADED SHORT-ENDED RESONATOR. <i>Progress in Electromagnetics Research Letters</i> , 2013 , 40, 81-92	0.5	5

89	Aperture-Shared Dual-Band Antennas with Partially Reflecting Surfaces for Base-Station Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
88	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	4.7	5
87	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
86	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
85	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
84	Dual-channel filter based on dielectric resonator for 5G massive MIMO system 2018 ,		4
83	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
82	Tunable dual-band filtering power divider with constant bandwidth and high selectivity. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 2813-2816	1.2	4
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