

Roberto GÃ³mez GarcÃ-a

List of Publications by Year in descending order

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242
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248
docs citations

248
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Balanced quasi-elliptic-type dual-passband filters using planar transversal coupled-line sections and their digital modeling. International Journal of Microwave and Wireless Technologies, 2023, 15, 365-374.	1.5	2
2	Tunable Quasi-Reflectionless Bandpass Filters Using Substrate Integrated Coaxial Resonators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 379-383.	2.2	7
3	Multilayered Input-Reflectionless Quasi-Elliptic-Type Wideband Bandpass Filtering Devices on Diplexer-Based Structures. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 122-138.	2.9	14
4	Inline Microwave Filters With $N + 1$ Transmission Zeros Generated by Frequency-Variant Couplings: Coupling-Matrix-Based Synthesis and Design. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 824-828.	2.2	10
5	Filtering Angular Displacement Sensor Based on Transversal Section With Parallel-Coupled-Line Path and U-Shaped Coupled Slotline. IEEE Sensors Journal, 2022, 22, 1218-1226.	2.4	9
6	2021 Reviewers List. IEEE Microwave and Wireless Components Letters, 2022, 32, 187-192.	2.0	0
7	Welcome to the New Editor-in-Chief. IEEE Microwave and Wireless Components Letters, 2022, 32, 185-186.	2.0	0
8	Dispersive Delay Structures With Asymmetric Arbitrary Group-Delay Response Using Coupled-Resonator Networks With Frequency-Variant Couplings. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2599-2609.	2.9	9
9	Two-Layered Microstrip Diplexer Based on High-Selectivity Wideband Bandpass Filters. , 2022, , .		1
10	Transversal-Coupled-Line Dual-Band Bandpass Planar Filters With Quasi-Elliptic-Type Response. , 2022, , .		1
11	Miniaturized On-Chip Notch Filter With Sharp Selectivity and >35 -dB Attenuation in $0.13\text{-}\mu\text{m}$ Bulk CMOS Technology. IEEE Electron Device Letters, 2022, 43, 1175-1178.	2.2	3
12	On-Chip Millimeter-Wave Integrated Absorptive Bandstop Filter in (Bi)-CMOS Technology. IEEE Electron Device Letters, 2021, 42, 114-117.	2.2	22
13	Scattering Suppression of Closely-Packed Cross-Band Patch Antennas Using Absorptive/Reflectionless Filtering Techniques. IEEE Open Journal of Antennas and Propagation, 2021, 2, 831-843.	2.5	2
14	Dual-Bandstop Substrate-Integrated-Coaxial Tunable and Static RF Filters. IEEE Microwave and Wireless Components Letters, 2021, 31, 1271-1274.	2.0	4
15	Adaptive Multi-Band Negative-Group-Delay RF Circuits With Low Reflection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2196-2209.	3.5	14
16	A Frequency Transformation for Co-Designed Multi-Passband/Multi-Embedded-Notch RF Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2429-2433.	2.2	5
17	Balanced-Circuit-Based Dual-Band Bandpass Filter With Symmetrical Reflectionless Behavior. , 2021, , .		10
18	Frequency-Tunable Constant-Absolute-Bandwidth Single-/Dual-Passband Filters and Diplexers With All-Port-Reflectionless Behavior. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1365-1377.	2.9	34

#	ARTICLE	IF	CITATIONS
19	Optimisationâ€based design of transversal signalâ€interference microwave bandpass and lowpass filters with extended stopband. IET Microwaves, Antennas and Propagation, 2021, 15, 653-660.	0.7	6
20	Spurious-Free Signal-Interference Dual-Band Bandpass Filters. , 2021, , .		3
21	Multilayered Lossy -Bandstop- Filter- Based Negative-Group- Delay RF Circuit With Broadband Input-Reflectionless Behavior. , 2021, , .		0
22	Millimeter-Wave Wide-Band Bandpass Filter in CMOS Technology Using a Two-Layered Highpass-Type Approach With Embedded Upper Stopband. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1586-1590.	2.2	17
23	Frequency-Reconfigurable Input-Reflectionless Bandpass Filter and Filtering Power Divider With Constant Absolute Bandwidth. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2424-2428.	2.2	25
24	Extending the Frequency Limit of Microstrip-Coupled CSRR Using Asymmetry. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3759-3769.	2.9	2
25	A Planar Absorptive-Branch-Loaded Quasi-Yagi Antenna With Filtering Capability and Flat Gain. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1626-1630.	2.4	18
26	Exploiting Parasitic Capacitances in 3-D Inductors to Design RF CMOS Quasi-Elliptic-Type Broad-Band Bandpass Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3128-3132.	2.2	10
27	Hybridly-Integrated Quasi-Elliptic-Type Bandpass Filters with Symmetrical Quasi-Reflectionless Characteristics. , 2021, , .		1
28	A Type of Multi-Notched-Band Microstrip Crossover. , 2021, , .		0
29	Inverse Nonlinear Eigenvalue Problem Framework for the Synthesis of Coupled-Resonator Filters With Nonresonant Nodes and Arbitrary Frequency-Variant Reactive Couplings. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5203-5216.	2.9	15
30	A Planar Filtering Quasi-Yagi Antenna Using an Absorptive Branch. , 2021, , .		0
31	Coupling-Routing-Diagram Model of Non-Reciprocal Bandpass Filter With Single-Band-Forward and Dual-Band-Backward Behavior. , 2021, , .		0
32	Design of Passive-Inspired Millimetre-Wave Integrated Devices in Low-Cost Bulk CMOS Technology. , 2021, , .		1
33	Multilayered Balanced Wideband Bandpass Filter With High Filtering Selectivity. , 2021, , .		4
34	Millimeter-Wave CMOS Passive Filters for 5G Applications. , 2021, , .		3
35	Two-Port-Reflectionless Negative-Group-Delay Circuit on Multilayered Lossy Bandstop Filter. , 2021, , .		0
36	An Angular-Displacement Microwave Sensor Using an Unequal-Length-Bi-Path Transversal Filtering Section. IEEE Sensors Journal, 2020, 20, 715-722.	2.4	30

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37	Lossy Signal-Interference Filters and Applications. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 516-529.	2.9	17
38	Multilayered Reflectionless Wideband Bandpass Filters With Shunt/In-Series Resistively Terminated Microstrip Lines. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 877-893.	2.9	27
39	Compact Substrate-Integrated Bandstop Filters Using Double-Resonant Coaxial Resonators. IEEE Microwave and Wireless Components Letters, 2020, 30, 941-944.	2.0	10
40	Input-Reflectionless Low-Pass Filter on Multilayered Diplexer-Based Topology. IEEE Microwave and Wireless Components Letters, 2020, 30, 945-948.	2.0	12
41	Radio & Wireless Week 2021 [From the Guest Editor's Desk]. IEEE Microwave Magazine, 2020, 21, 28-29.	0.7	0
42	Avoiding RF Isolators: Reflectionless Microwave Bandpass Filtering Components for Advanced RF Front Ends. IEEE Microwave Magazine, 2020, 21, 68-86.	0.7	30
43	Quasi-Absorptive Substrate-Integrated Bandpass Filters Using Capacitively-Loaded Coaxial Resonators. , 2020, , .		4
44	Emerging Trends in Advanced RF/Microwave Filters for Wireless Applications, Part 2 [From the Guest Editor's Desk]. IEEE Microwave Magazine, 2020, 21, 22-23.	0.7	0
45	<scp>Directionalâ€couplerâ€based</scp> microwave sensors for differential<scp> angularâ€displacement</scp> measurement. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22338.	0.8	7
46	An Angular Displacement Sensor Based on Microwave Transversal Signal Interference Principle. IEEE Sensors Journal, 2020, 20, 11237-11246.	2.4	16
47	Low-Reflection Signal-Interference Single- and Multipassband Filters With Shunted Lossy Stubs. IEEE Microwave and Wireless Components Letters, 2020, 30, 355-358.	2.0	18
48	Emerging trends in advanced rf/microwave filters for wireless applications, part i [from the guest editor's desk]. IEEE Microwave Magazine, 2020, 21, 18-19.	0.7	0
49	Dual-Band Bandpass Filter and Filtering Power Divider With Ultra-Wide Upper Stopband Using Hybrid Microstrip/DGS Dual-Resonance Cells. IEEE Access, 2020, 8, 23624-23637.	2.6	30
50	A Hybrid Low-Cost Bandpass Filter With SAW Resonators and External Lumped Inductors Using a Dual-Coupling Scheme. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2289-2299.	2.9	3
51	Beam-steering radars at low cost. Nature Electronics, 2020, 3, 79-80.	13.1	0
52	Tunable High-Order Multi-Band Bandpass Filters Using Transversal Multi-Resonant Cells. , 2020, , .		0
53	Trade-off on Detection Range and Channel Usage for Moving Target Tracking using FSK Radar. , 2020, , .		7
54	Miniaturised millimetreâ€wave BPF with broad stopband suppression in siliconâ€germanium technology. IET Microwaves, Antennas and Propagation, 2020, 14, 308-313.	0.7	5

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55	Balanced Quasi-Elliptic-Type Combine Diplexer With Multiextracted-Pole Junction/Output Sections. IEEE Microwave and Wireless Components Letters, 2020, 30, 569-572.	2.0	8
56	Near Field Coupled Wireless Microwave Sensor. , 2020, , .		4
57	Substrate-Integrated Coaxial Bandpass Filters With Symmetrical Quasi-Absorptive Response. , 2020, , .		2
58	Input-Reflectionless Balanced Wideband Bandpass Filter Using Multilayered Vertical Transitions. , 2020, , .		7
59	FMCW-Radar-Based Vital-Sign Monitoring of Multiple Patients. , 2019, , .		12
60	Highly-Selective RF Duplexers Using Multi-Resonant Junctions. , 2019, , .		1
61	A Flexible Quadrature Coupler With Reconfigurable Frequency and Coupling Ratio in Switchable Coupling Direction. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3391-3402.	2.9	23
62	Symmetrical Quasi-Reflectionless SAW-Based Bandpass Filters With Tunable Bandwidth. IEEE Microwave and Wireless Components Letters, 2019, 29, 447-449.	2.0	15
63	High-Order Input-Reflectionless Bandpass/Bandstop Filters and Multiplexers. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3683-3695.	2.9	52
64	Selectivity-Enhancement Technique for Stepped-Impedance-Resonator Dual-Passband Filters. IEEE Microwave and Wireless Components Letters, 2019, 29, 453-455.	2.0	45
65	Two Topologies of Balanced Dual-Band Bandpass Filters with Extended Common-Mode-Suppression Bandwidth. , 2019, , .		0
66	Wireless Sensors for Biomedical Applications [From the Guest Editors' Desk]. IEEE Microwave Magazine, 2019, 20, 16-17.	0.7	0
67	Multi-Band Filters Based on Coupled-Multi-Line Cells. , 2019, , .		0
68	Reflectionless Wideband Bandpass Filter Designed With Multilayered Microstrip Vertical Transition. , 2019, , .		5
69	Single/Multi-Band Coupled-Multi-Line Filtering Section and Its Application to RF Diplexers, Bandpass/Bandstop Filters, and Filtering Couplers. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3959-3972.	2.9	53
70	A Spectrum-Efficient FSK Radar Solution for Stationary Human Subject Localization Based on Vital Sign Signals. , 2019, , .		6
71	Input-Reflectionless Negative-Group-Delay Bandstop-Filter Networks Based on Lossy Complementary Duplexers. , 2019, , .		6
72	A Programmable Bandpass Filter With Simultaneously Reconfigurable Working Frequency and Bandwidth. , 2019, , .		4

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73	Multi-Band Bandpass Filters with Multiple Levels of Transfer-Function Reconfigurability. , 2019, , .		0
74	Digital Modeling of Microwave Filters With Coupled-Line Sections. , 2019, , .		1
75	On-Chip Millimeter-Wave Bandpass Filter Design Using Multi-Layer Modified-Ground-Ring Structure. , 2019, , .		3
76	High-Order Planar Bandpass Filters With Electronically-Reconfigurable Passband Width and Flatness Based on Adaptive Multi-Resonator Cascades. IEEE Access, 2019, 7, 11010-11019.	2.6	19
77	Multi-Mode-Cavity-Resonator-Based Bandpass Filters With Multiple Levels of Transfer-Function Adaptivity. IEEE Access, 2019, 7, 24759-24765.	2.6	15
78	Coherent Deramping-Based Multi-FMCW Radar Architecture. , 2019, , .		1
79	Compact dual-band single-ended balanced power dividers with open/short-ended stubs. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21812.	0.8	4
80	Multifunctional Bandpass Filters With Reconfigurable and Switchable Band Control. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2355-2369.	2.9	16
81	Contiguous-Channel Dual-Band Balanced Diplexer. IEEE Microwave and Wireless Components Letters, 2019, 29, 318-320.	2.0	15
82	Single-/Multi-Band Bandpass Filters and Duplexers With Fully Reconfigurable Transfer-Function Characteristics. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1854-1869.	2.9	34
83	Symmetrical Quasi-Absorptive RF Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1472-1482.	2.9	46
84	Mixed-technology quasi-reflectionless planar filters: bandpass, bandstop, and multi-band designs. International Journal of Microwave and Wireless Technologies, 2019, 11, 466-474.	1.5	3
85	Synthesis Design of Modified Wideband Balun Bandpass Filter With Compact Structure. , 2019, , .		0
86	A Spectrum-Efficient FSK Radar Technology for Range Tracking of Both Moving and Stationary Human Subjects. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5406-5416.	2.9	27
87	3-dB Filtering Power Dividers With Quasi-Reflectionless Behavior at All Their Ports. , 2019, , .		1
88	Design of On-Chip Millimeter-Wave Bandpass Filters Using Multilayer Patterned-Ground Element in 0.13- μm (Bi)-CMOS Technology. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5159-5170.	2.9	14
89	Balanced Rat-Race Couplers With Wideband Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4724-4732.	2.9	22
90	Lossy flat-passband signal-interference microstrip filter. Electronics Letters, 2019, 55, 206-208.	0.5	5

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91	Multilayered Wideband Balun Bandpass Filters Designed with Input-Reflectionless Response. , 2019, , .		6
92	Quasi-Reflectionless Signal-Interference Wide-Band Bandstop Filters. , 2019, , .		1
93	Dual-Behavior Resonator-Based Fully Reconfigurable Input Reflectionless Bandpass Filters. IEEE Microwave and Wireless Components Letters, 2019, 29, 35-37.	2.0	40
94	Multi-Functional Balanced-to-Unbalanced Filtering Power Dividers With Extended Upper Stopband. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1154-1158.	2.2	33
95	RF Reflectionless Filtering Power Dividers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 933-937.	2.2	43
96	Novel Multilayered Ultra-Broadband Bandpass Filters on High-Impedance Slotline Resonators. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 129-139.	2.9	30
97	Wide-passband filters with in-band tunable notches for agile multi-interference suppression in broad-band antenna systems. , 2018, , .		13
98	Tunable reflectionless microstrip bandpass filters. , 2018, , .		12
99	Overview of Recent Development on Wireless Sensing Circuits and Systems for Healthcare and Biomedical Applications. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 165-177.	2.7	42
100	Behavioural digital modelling of lossy frequencyâ€periodic microwave passive filters. IET Microwaves, Antennas and Propagation, 2018, 12, 265-269.	0.7	0
101	Multi-Band Balanced Couplers With Broadband Common-Mode Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1964-1968.	2.2	24
102	Switchedâ€bandwidth SAWâ€based bandpass filters with flat group delay. Electronics Letters, 2018, 54, 460-462.	0.5	2
103	Symmetrical Quasi-Reflectionless BSFs. IEEE Microwave and Wireless Components Letters, 2018, 28, 302-304.	2.0	33
104	Constant In-Band Group-Delay Acoustic-Wave-Lumped-Element-Resonator-Based Bandpass Filters and Diplexers. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 2199-2209.	2.9	8
105	An improved indoor localization solution using a hybrid UWB-Doppler system with Kalman filter. , 2018, , .		8
106	Multi-Stub-Loaded Differential-Mode Planar Multiband Bandpass Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 271-275.	2.2	52
107	RF Wide-Band Bandpass Filter With Dynamic In-Band Multi-Interference Suppression Capability. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 898-902.	2.2	34
108	High-Selectivity Balanced-to-Unbalanced Filtering Power Divider. , 2018, , .		1

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109	Tunable Input-Quasi-Reflectionless Multiplexers. , 2018, , .		3
110	Linear Time-Invariant Behavioral Digital Models of Frequency-Periodic RF/Microwave Filters. , 2018, , .		1
111	Single-Band Balanced Coupler with Wideband Common-Mode Suppression. , 2018, , .		1
112	Planar RF Duplexer with Multiple Levels of Transfer-Function Reconfigurability. , 2018, , .		2
113	Mixed-Technology Quasi-Reflectionless Planar Bandpass Filters. , 2018, , .		9
114	Electronically-Controllable Bandpass Planar Filter with Ultra-Large Bandwidth-Tuning Ratio and Enhanced in-Band Amplitude Flatness. , 2018, , .		0
115	From Doppler to FMCW Radars for Non-Contact Vital-Sign Monitoring. , 2018, , .		13
116	Ultra-Wideband Reconfigurable Filter with Electronically-Switchable Bandpass/Bandstop States. , 2018, , .		2
117	Overview of High-Performance Wide-Band Balanced Bandpass Filters Using Ring Resonators. , 2018, , .		0
118	Single-Ended-to-Balanced Filtering Power Dividers With Wideband Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5531-5542.	2.9	26
119	Split-Type Input-Reflectionless Multiband Filters. IEEE Microwave and Wireless Components Letters, 2018, 28, 981-983.	2.0	44
120	Wide-Band Single-Ended-to-Balanced Power Divider with Broad-Band Common-Mode Suppression. , 2018, , .		1
121	Dual-Band Bandpass Filter with Ultra-Wide Upper Stopband Using Slow-Wave Dual-Resonance Cells. , 2018, , .		4
122	Compact K-Band Split-Type Dual-Band Bandpass Filter Based on Stepped-Impedance DGS Cells. , 2018, , .		0
123	UHF-band bandpass filters with fully-reconfigurable transfer function. , 2018, , .		4
124	Single-ended-to-balanced balun-based dual-band power divider with open-ended stubs. , 2018, , .		1
125	Multi-Band Bandpass and Bandstop RF Filtering Couplers With Dynamically-Controlled Bands. IEEE Access, 2018, 6, 32321-32327.	2.6	14
126	Balanced Symmetrical Quasi-Reflectionless Single-and Dual-Band Bandpass Planar Filters. IEEE Microwave and Wireless Components Letters, 2018, 28, 798-800.	2.0	75

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127	Quasi-Elliptic-Type Multiplexer Design Without Cross Coupling. IEEE Microwave and Wireless Components Letters, 2018, 28, 801-803.	2.0	9
128	Multi-band reflectionless filtering impedance transformers. , 2018, , .		1
129	Accuracy improvement in range measurements of short-range FSK radars. , 2018, , .		0
130	Wideband signal interference duplexer with contiguous single/dualband channels and its application to quasiabsorptive bandpass filters. Electronics Letters, 2018, 54, 578-580.	0.5	18
131	Coexistence Without Interference: Interference Mitigation on DVB-T Reception Caused by Neutral Systems Operating in the Digital Dividend Band. IEEE Microwave Magazine, 2018, 19, 29-43.	0.7	5
132	Tunable Multiband Bandpass-to-Bandstop RF Filters. , 2018, , .		10
133	Input- Reflectionless Acoustic-Wave-Lumped- Element Resonator-Based Bandpass Filters. , 2018, , .		7
134	Guest Editorial Wireless Sensing Circuits and Systems for Healthcare and Biomedical Applications. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 161-164.	2.7	6
135	Reconfigurable Multiband Bandpass Filters in Evanescent-Mode-Cavity-Resonator Technology. IEEE Microwave and Wireless Components Letters, 2017, 27, 248-250.	2.0	15
136	A Review on Recent Progress of Portable Short-Range Noncontact Microwave Radar Systems. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1692-1706.	2.9	265
137	Fullytunable filtering power dividers exploiting dynamic transmissionzero allocation. IET Microwaves, Antennas and Propagation, 2017, 11, 378-385.	0.7	20
138	Tune-All RF Planar Duplexers With Intrinsically Switched Channels. IEEE Microwave and Wireless Components Letters, 2017, 27, 350-352.	2.0	14
139	Single/multi-band multi-functional passive components with reconfiguration capabilities. , 2017, , .		4
140	A substrate-integrated-waveguide dual-band bandpass filter based on signal-interference principles. , 2017, , .		2
141	Doppler-radar-based short-range acquisitions of time-frequency signatures from an industrial-type wind turbine. , 2017, , .		3
142	A frequency-multiplexed Doppler-plus-FMCW hybrid radar architecture: Theory and simulations. , 2017, , .		1
143	A Portable FMCW Interferometry Radar With Programmable Low-IF Architecture for Localization, ISAR Imaging, and Vital Sign Tracking. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1334-1344.	2.9	173
144	Review on Advanced Short-Range Multimode Continuous-Wave Radar Architectures for Healthcare Applications. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2017, 1, 14-25.	2.3	25

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145	Reflectionless Adaptive RF Filters: Bandpass, Bandstop, and Cascade Designs. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4593-4605.	2.9	117
146	An FMCW radar sensor for human gesture recognition in the presence of multiple targets. , 2017, , .		38
147	Fully-reconfigurable bandpass filter with static couplings and intrinsic-switching capabilities. , 2017, , .		9
148	SAW-based bandpass filters with flat in-band group delay and enhanced fractional bandwidth. , 2017, , .		8
149	Dual-passband filters and extended-stopband wide-band bandpass filters based on generalized stub-loaded planar circuits. , 2017, , .		6
150	Silicon-integrated signal-interference dual-band bandpass filter for GNSS application. , 2017, , .		5
151	Multi-resonant acoustic-wave-lumped-element resonators (AWLRs) for multi-band bandpass filters with enhanced fractional bandwidth. , 2017, , .		4
152	Multifunctional Reconfigurable Filter Using Transversal Signal-Interaction Concepts. IEEE Microwave and Wireless Components Letters, 2017, 27, 980-982.	2.0	37
153	Lumped-element RF analog multi-band bandpass filter concept for software-defined-radio architectures. , 2017, , .		2
154	Short-Range Doppler-Radar Signatures from Industrial Wind Turbines: Theory, Simulations, and Measurements. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2108-2119.	2.4	36
155	Wideband aperture array using a four-channel manifold-type planar multiplexer and digital IIR filterbank. International Journal of Circuit Theory and Applications, 2016, 44, 2085-2100.	1.3	1
156	Two-branch channelized N-path filter for reconfigurable receiver. , 2016, , .		0
157	Tunable acoustic-wave-lumped-element resonator (awlr)-based bandpass filters. , 2016, , .		5
158	Three-branch channelized N-path bandpass filter for a Zigbee application. , 2016, , .		0
159	Substrate-integrated-waveguide signal-interference bandpass filters. , 2016, , .		3
160	Continuously-tunable-bandwidth acoustic-wave resonator-based bandstop filters and their multi-mode modeling. , 2016, , .		3
161	Signal-interference bandpass filters with dynamic in-band interference suppression. , 2016, , .		11
162	Hybrid surface acoustic-wave/microstrip signal-interference bandpass filters. IET Microwaves, Antennas and Propagation, 2016, 10, 426-434.	0.7	9

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163	Portable coherent frequency-modulated continuous-wave radar for indoor human tracking. , 2016, , .		7
164	Random body movement mitigation for FMCW-radar-based vital-sign monitoring. , 2016, , .		21
165	Reconfigurable Single/Multi-Band Filtering Power Divider Based on Quasi-Bandpass Sections. IEEE Microwave and Wireless Components Letters, 2016, 26, 684-686.	2.0	47
166	FMCW radar fall detection based on ISAR processing utilizing the properties of RCS, range, and Doppler. , 2016, , .		33
167	Adaptive-transfer-function bandpass filters using reconfigurable evanescent-mode-cavity resonator cascades. , 2016, , .		7
168	A class of fully-reconfigurable planar multi-band bandstop filters. , 2016, , .		13
169	Multi-band signal-interference planar bandpass filters based on stub-loaded transversal filtering sections. , 2016, , .		1
170	Reconfigurable single/multi-band planar impedance transformers with incorporated bandpass filtering functionality. , 2016, , .		4
171	Stub-loaded-based bandpass filters with dynamically-controlled in-band notches. Electronics Letters, 2016, 52, 1393-1395.	0.5	1
172	Two-branch channelized passive filters for lowpass and bandpass applications. , 2016, , .		4
173	Multi-functional low-pass filters with dynamically-controlled in-band rejection notches. , 2016, , .		2
174	Single and Multiband Acoustic-Wave-Lumped- Element-Resonator (AWLR) Bandpass Filters With Reconfigurable Transfer Function. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4394-4404.	2.9	25
175	Fully Adaptive Multiband Bandstop Filtering Sections and Their Application to Multifunctional Components. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4405-4418.	2.9	35
176	Effects and mitigation of interference tones on coherent FMCW short-range radars. , 2016, , .		0
177	Effects and mitigation of interference tones on coherent FMCW short-range radars. , 2016, , .		0
178	Effects and mitigation of interference tones on coherent FMCW short-range radars. , 2016, , .		2
179	24-GHz biomedical radar on flexible substrate for ISAR imaging. , 2016, , .		15
180	Frequency-periodic microwave passive circuits and their digital matching. IET Microwaves, Antennas and Propagation, 2016, 10, 1547-1552.	0.7	4

#	ARTICLE	IF	CITATIONS
181	A class of differential-mode single/dual-band bandpass planar filters based on signal-interference techniques. , 2016, , .		5
182	Recent advances in reconfigurable microwave filter design. , 2016, , .		11
183	Digital representation of multi-functional microwave passive circuits. , 2016, , .		1
184	Fully-Reconfigurable Bandpass/Bandstop Filters and Their Coupling-Matrix Representation. IEEE Microwave and Wireless Components Letters, 2016, 26, 22-24.	2.0	38
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