Dimitra Psychogiou

List of Publications by Year
in descending order

149	1,956	279798	345221
papers	citations	23 h-index	36 g-index

149	149	149	915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spurious Suppression Techniques for 3-D Printed Coaxial Resonator Bandpass Filters. IEEE Microwave and Wireless Components Letters, 2022, 32, 33-36.	3.2	9
2	Tunable Quasi-Reflectionless Bandpass Filters Using Substrate Integrated Coaxial Resonators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 379-383.	3.0	7
3	Monolithically-integrated 3D printed coaxial bandpass filters and RF diplexers: single-band and dual-band. International Journal of Microwave and Wireless Technologies, 2022, 14, 293-304.	1.9	6
4	Single-to-Multi-Band Reconfigurable Acoustic-Wave-Lumped-Resonator Bandpass Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2066-2070.	3.0	7
5	Continuously Tunable 3-D Printed Helical Resonators and Bandpass Filters Using Actuated Liquid Metals. IEEE Microwave and Wireless Components Letters, 2022, 32, 855-858.	3.2	2
6	Glass-Based Bandpass Filters for New Radio (NR) K-/Ka-Band Communications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 887-889.	2.5	6
7	Spatiotemporal Modulated Three-Pole Non-Reciprocal Quasi-Elliptic Bandpass Filter. , 2022, , .		1
8	Reconfigurable Transfer Function BST Acoustic Wave Lumped Element Resonator Filters. , 2022, , .		2
9	Glass-Integrated Single- and Dual-Band Bandpass Filters. , 2022, , .		1
10	Power Amplifiers With Frequency-Selective Matching Networks. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 697-708.	4.6	8
11	High-Order Fully-Reconfigurable Balanced Bandpass Filters Using Mixed Technology Resonators. , 2021, , .		1
12	Dual-Bandstop Substrate-Integrated-Coaxial Tunable and Static RF Filters. IEEE Microwave and Wireless Components Letters, 2021, 31, 1271-1274.	3.2	4
13	Adaptive Multi-Band Negative-Group-Delay RF Circuits With Low Reflection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2196-2209.	5.4	14
14	Frequency-Dependent Feeding Methods for Broadband Vivaldi Arrays With Minimum Half-Power Beamwidth (HPBW) Variation. IEEE Open Journal of Antennas and Propagation, 2021, 2, 564-577.	3.7	5
15	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.	3.0	5
16	Broadband Monopole Array With Reduced Half-Power Beamwidth Variation. IEEE Access, 2021, 9, 128454-128459.	4.2	3
17	Microstrip Ferrite Circulator Design With Control of Magnetization Distribution. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1217-1226.	4.6	13
18	High-order and tunable balanced bandpass filters using mixed technology resonators. International Journal of Microwave and Wireless Technologies, 2021, 13, 673-681.	1.9	3

#	Article	IF	Citations
19	RF Co-Designed Bandpass Filters/Isolators Using Nonreciprocal Resonant Stages and Microwave Resonators. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2178-2190.	4.6	12
20	A Monolithic Vertical Integration Concept for Compact Coaxial-Resonator-Based Bandpass Filters Using Additive Manufacturing. IEEE Microwave and Wireless Components Letters, 2021, 31, 689-692.	3.2	11
21	RF Co-Designed Bandpass Filter/Circulator With Tunable Center Frequency, Bandwidth, and Out-of-Band Isolation. IEEE Microwave and Wireless Components Letters, 2021, 31, 845-848.	3.2	6
22	X-Band Quasi-Elliptic Non-Reciprocal Bandpass Filters (NBPFs). IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3255-3263.	4.6	9
23	Tunable Impedance-Matching Filters. IEEE Microwave and Wireless Components Letters, 2021, 31, 993-996.	3.2	3
24	X-Band Quasi-Reflectionless MMIC Bandpass Filters With Minimum Number of Components. IEEE Transactions on Electron Devices, 2021, 68, 4329-4334.	3.0	3
25	Monolithic SLA-Based Capacitively-loaded High-Q Coaxial Resonators and Bandpass Filters. , 2021, , .		14
26	Frequency-Multiplexed Array Digitization for MIMO Receivers: 4-Antennas/ADC at 28 GHz on Xilinx ZCU-1285 RF SoC. IEEE Access, 2021, 9, 142743-142753.	4.2	3
27	Hybridly-Integrated Quasi-Elliptic-Type Bandpass Filters with Symmetrical Quasi-Reflectionless Characteristics. , 2021, , .		1
28	Coupling-Routing-Diagram Model of Non-Reciprocal Bandpass Filter With Single-Band-Forward and Dual-Band-Backward Behavior. , 2021, , .		0
29	Non-Reciprocal Bandpass Filter with Tunable Center Frequency and Constant Fractional Bandwidth. , 2021, , .		1
30	Reconfigurable All-Pass-to-Bandstop Acoustic-Wave-Lumped-Element Resonator Filters. IEEE Microwave and Wireless Components Letters, 2020, 30, 745-748.	3.2	5
31	Compact Substrate-Integrated Bandstop Filters Using Double-Resonant Coaxial Resonators. IEEE Microwave and Wireless Components Letters, 2020, 30, 941-944.	3.2	10
32	Avoiding RF Isolators: Reflectionless Microwave Bandpass Filtering Components for Advanced RF Front Ends. IEEE Microwave Magazine, 2020, 21, 68-86.	0.8	30
33	Quasi-Absorptive Substrate-Integrated Bandpass Filters Using Capacitively-Loaded Coaxial Resonators. , 2020, , .		4
34	Frequency-Selective Limiters Using Triple-Mode Filters. IEEE Access, 2020, 8, 114854-114863.	4.2	9
35	Quasi-elliptic dual-band bandpass filters based on series-cascaded multi-resonant cells. International Journal of Microwave and Wireless Technologies, 2020, 12, 609-614.	1.9	1
36	High-Order Coaxial Bandpass Filters With Multiple Levels of Transfer Function Tunability. IEEE Microwave and Wireless Components Letters, 2020, 30, 367-370.	3.2	8

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37	Tunable High-Order Multi-Band Bandpass Filters Using Transversal Multi-Resonant Cells. , 2020, , .		0
38	Highly-Selective RF Duplexers Using Multi-Resonant Junctions. , 2019, , .		1
39	Symmetrical Quasi-Reflectionless SAW-Based Bandpass Filters With Tunable Bandwidth. IEEE Microwave and Wireless Components Letters, 2019, 29, 447-449.	3.2	15
40	High-Order Input-Reflectionless Bandpass/Bandstop Filters and Multiplexers. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3683-3695.	4.6	52
41	Selectivity-Enhancement Technique for Stepped-Impedance-Resonator Dual-Passband Filters. IEEE Microwave and Wireless Components Letters, 2019, 29, 453-455.	3.2	45
42	Two Topologies of Balanced Dual-Band Bandpass Filters with Extended Common-Mode-Suppression Bandwidth. , 2019, , .		0
43	Multi-Band Filters Based on Coupled-Multi-Line Cells. , 2019, , .		0
44	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.	4.6	53
45	Multi-Band Differential Bandpass Filters with Quasi-Elliptic-Type Passbands and Multi-Transmission Zero Common-Mode Suppression. , 2019, , .		2
46	Input-Reflectionless Negative-Group-Delay Bandstop-Filter Networks Based on Lossy Complementary Duplexers. , 2019, , .		6
47	Multi-Band Bandpass Filters with Multiple Levels of Transfer-Function Reconfigurability. , 2019, , .		0
48	Digital Modeling of Microwave Filters With Coupled-Line Sections. , 2019, , .		1
49	Multi-Mode-Cavity-Resonator-Based Bandpass Filters With Multiple Levels of Transfer-Function Adaptivity. IEEE Access, 2019, 7, 24759-24765.	4.2	15
50	Contiguous-Channel Dual-Band Balanced Diplexer. IEEE Microwave and Wireless Components Letters, 2019, 29, 318-320.	3.2	15
51	Single-/Multi-Band Bandpass Filters and Duplexers With Fully Reconfigurable Transfer-Function Characteristics. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1854-1869.	4.6	34
52	Multiband Acoustic-Wave-Lumped-Element Resonator-Based Bandpass-to-Bandstop Filters. IEEE Microwave and Wireless Components Letters, 2019, 29, 261-263.	3.2	12
53	Symmetrical Quasi-Absorptive RF Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1472-1482.	4.6	46
54	Mixed-technology quasi-reflectionless planar filters: bandpass, bandstop, and multi-band designs. International Journal of Microwave and Wireless Technologies, 2019, 11, 466-474.	1.9	3

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55	Tune-All Substrate-Integrated-Waveguide (SIW) Bandpass Filters. , 2019, , .		4
56	Non-Reciprocal RF-Bandpass Filters Using Transistor-Based Microwave Resonators. , 2019, , .		6
57	Tunable 3D-Printed Coaxial-Cavity Filters with Mixed Electromagnetic Coupling. , 2019, , .		3
58	Tune-All Substrate-Integrated-Waveguide (SIW) Bandpass Filters. , 2019, , .		1
59	Magnet-less Non-Reciprocal Bandpass Filters With Tunable Center Frequency. , 2019, , .		28
60	Broadband Linear Antenna Arrays with Frequency-Invariant Half-Power Beamwidth. , 2019, , .		4
61	Tunable Coaxial Cavity Resonator-Based Filters Using Actuated Liquid Metal Posts. IEEE Microwave and Wireless Components Letters, 2019, 29, 763-766.	3.2	20
62	Dual-Behavior Resonator-Based Fully Reconfigurable Input Reflectionless Bandpass Filters. IEEE Microwave and Wireless Components Letters, 2019, 29, 35-37.	3.2	40
63	Suppressing In-Band Interference: A Compact Lumped-Element Bandpass Filter with Adaptive In-band Interference Suppression Capabilities. IEEE Microwave Magazine, 2019, 20, 104-110.	0.8	0
64	RF Reflectionless Filtering Power Dividers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 933-937.	3.0	43
65	Wide-passband filters with in-band tunable notches for agile multi-interference suppression in broad-band antenna systems. , 2018, , .		13
66	Tunable reflectionless microstrip bandpass filters. , 2018, , .		12
67	Behavioural digital modelling of lossy frequencyâ€periodic microwave passive filters. IET Microwaves, Antennas and Propagation, 2018, 12, 265-269.	1.4	0
68	Design and Optimization of Tunable Silicon-Integrated Evanescent-Mode Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1790-1803.	4.6	29
69	Symmetrical Quasi-Reflectionless BSFs. IEEE Microwave and Wireless Components Letters, 2018, 28, 302-304.	3.2	33
70	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.	4.6	8
71	Multi-Stub-Loaded Differential-Mode Planar Multiband Bandpass Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 271-275.	3.0	52
72	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.	3.0	34

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73	Tunable Input-Quasi-Reflectionless Multiplexers. , 2018, , .		3
74	Design-Oriented Modelling of Microstrip Ferrite Circulators. , 2018, , .		8
75	Frequency Selective Ferrite Circulators with Quasi-Elliptic Transmission Response. , 2018, , .		9
76	Linear Time-Invariant Behavioral Digital Models of Frequency-Periodic RF/Microwave Filters. , 2018, , .		1
77	Planar RF Duplexer with Multiple Levels of Transfer-Function Reconfigurability. , 2018, , .		2
78	Mixed-Technology Quasi-Reflectionless Planar Bandpass Filters. , 2018, , .		9
79	Split-Type Input-Reflectionless Multiband Filters. IEEE Microwave and Wireless Components Letters, 2018, 28, 981-983.	3.2	44
80	Coupling Matrix-Based Design of Fully Reconfigurable Differential/Balanced RF Filters. IEEE Microwave and Wireless Components Letters, 2018, 28, 888-890.	3.2	19
81	Design concepts for broadband antenna arrays with constant half-power beamwidth. , 2018, , .		2
82	UHF-band bandpass filters with fully-reconfigurable transfer function. , 2018, , .		4
83	Multi-Band Bandpass and Bandstop RF Filtering Couplers With Dynamically-Controlled Bands. IEEE Access, 2018, 6, 32321-32327.	4.2	14
84	Balanced Symmetrical Quasi-Reflectionless Single-and Dual-Band Bandpass Planar Filters. IEEE Microwave and Wireless Components Letters, 2018, 28, 798-800.	3.2	75
85	Quasi-Elliptic-Type Multiplexer Design Without Cross Coupling. IEEE Microwave and Wireless Components Letters, 2018, 28, 801-803.	3.2	9
86	Multi-band reflectionless filtering impedance transformers. , 2018, , .		1
87	Wideâ€band signalâ€interference duplexer with contiguous single/dualâ€band channels and its application to quasiâ€absorptive bandpass filters. Electronics Letters, 2018, 54, 578-580.	1.0	18
88	Tunable Multiband Bandpass-to-Bandstop RF Filters. , 2018, , .		10
89	Input- Reflectionless Acoustic-Wave-Lumped- Element Resonator-Based Bandpass Filters. , 2018, , .		7
90	Bandwidth design of ferrite-based circulators. , 2018, , .		5

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91	Reconfigurable Multiband Bandpass Filters in Evanescent-Mode-Cavity-Resonator Technology. IEEE Microwave and Wireless Components Letters, 2017, 27, 248-250.	3.2	15
92	Fullyâ€tunable filtering power dividers exploiting dynamic transmissionâ€zero allocation. IET Microwaves, Antennas and Propagation, 2017, 11, 378-385.	1.4	20
93	Tune-All RF Planar Duplexers With Intrinsically Switched Channels. IEEE Microwave and Wireless Components Letters, 2017, 27, 350-352.	3.2	14
94	Single/multi-band multi-functional passive components with reconfiguration capabilities. , 2017, , .		4
95	Reflectionless Adaptive RF Filters: Bandpass, Bandstop, and Cascade Designs. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4593-4605.	4.6	117
96	Fully-reconfigurable bandpass filter with static couplings and intrinsic-switching capabilities. , 2017, , .		9
97	RF design of acoustic-wave-lumped-element-resonator-(AWLR)-based bandpass filters with constant in-band group delay. , 2017, , .		4
98	L-band high-Q tunable quasi-absorptive bandstop-to-all-pass filter. , 2017, , .		7
99	Multi-resonant acoustic-wave-lumped-element resonators (AWLRs) for multi-band bandpass filters with enhanced fractional bandwidth. , 2017, , .		4
100	Tunable acoustic-wave-lumped-element resonator (awlr)-based bandpass filters. , 2016, , .		5
101	Substrate-integrated-waveguide signal-interference bandpass filters. , 2016, , .		3
102	Continuously-tunable-bandwidth acoustic-wave resonator-based bandstop filters and their multi-mode modeling. , 2016, , .		3
103	V-band frequency reconfigurable cavity-based bandpass filters. , 2016, , .		4
104	Signal-interference bandpass filters with dynamic in-band interference suppression. , 2016, , .		11
105	Hybrid surfaceâ€acousticâ€wave/microstrip signalâ€interference bandpass filters. IET Microwaves, Antennas and Propagation, 2016, 10, 426-434.	1.4	9
106	Reconfigurable Single/Multi-Band Filtering Power Divider Based on Quasi-Bandpass Sections. IEEE Microwave and Wireless Components Letters, 2016, 26, 684-686.	3.2	47
107	Adaptive-transfer-function bandpass filters using reconfigurable evanescent-mode-cavity resonator cascades. , 2016, , .		7
108	A class of fully-reconfigurable planar multi-band bandstop filters. , 2016, , .		13

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109	Multi-band signal-interference planar bandpass filters based on stub-loaded transversal filtering sections. , 2016, , .		1
110	A constant-transfer-function widely-tunable VHF modular field-programmable filter array (FPFA) with IIP3 of 38â€“52 dBm. , 2016, , .		1
111	Reconfigurable single/multi-band planar impedance transformers with incorporated bandpass filtering functionality. , 2016, , .		4
112	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.	4.6	25
113	Fully Adaptive Multiband Bandstop Filtering Sections and Their Application to Multifunctional Components. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4405-4418.	4.6	35
114	A class of differential-mode single/dual-band bandpass planar filters based on signal-interference techniques. , 2016, , .		5
115	Tunable bandpass-bandstop filter cascade for VHF applications. , 2016, , .		3
116	Recent advances in reconfigurable microwave filter design. , 2016, , .		11
117	Digital representation of multi-functional microwave passive circuits. , 2016, , .		1
118	Fully-Reconfigurable Bandpass/Bandstop Filters and Their Coupling-Matrix Representation. IEEE Microwave and Wireless Components Letters, 2016, 26, 22-24.	3.2	38
119	High- <inline-formula> <tex-math notation="LaTeX">Q</tex-math></inline-formula> Bandstop Filters Exploiting Acoustic-Wave-Lumped-Element Resonators (AWLRs). IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 79-83.	3.0	14
120	A High-Performance Pathway: a 0.95/2.45-GHZ Switched-Frequency Bandpass Filter Using Commercially Available RF MEMS Tuning Elements. IEEE Microwave Magazine, 2016, 17, 34-41.	0.8	2
121	Acoustic-Wave-Lumped-Element-Resonator Filters With Equi-Ripple Absorptive Stopbands. IEEE Microwave and Wireless Components Letters, 2016, 26, 177-179.	3.2	19
122	Quasi-Elliptic Multi-Band Filters With Center-Frequency and Bandwidth Tunability. IEEE Microwave and Wireless Components Letters, 2016, 26, 192-194.	3.2	42
123	Creep-resistant nanocrystalline gold-vanadium alloyed microcorrugated diaphragms (MCDS). , 2015, , .		3
124	Single/multi-band Wilkinson-type power dividers with embedded transversal filtering sections and application to channelized filters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 1518-1527.	5.4	99
125	Silicon-micromachined spacers for UHF cavity resonators. , 2015, , .		4
126	Miniaturized signal-interference planar filters. , 2015, , .		4

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127	Coupling-Matrix-Based Design of High-<formula formulatype="inline"><tex Notation="TeX">Q</tex></formula> Bandpass Filters Using Acoustic-Wave Lumped-Element Resonator (AWLR) Modules. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 4319-4328.	4.6	18
128	Transformers with incorporated filtering capabilities exploiting signal-interference principles. , 2015, , .		10
129	A continuously tunable 95â€“138 MHz bandpass resonator with 40 dBm IIP3. , 2015, , .		1
130	Design of high-Q absorptive bandstop filters with static and reconfigurable attenuation. , 2015, , .		4
131	Signal-interference RF wide-band bandpass filters using half-mode substrate-integrated-waveguide (HM SIW) directional couplers. , 2015, , .		0
132	Bandwidth enlargement in acoustic-wave RF bandpass filters with planar transversal circuits. , 2015, , .		5
133	Hybrid Acoustic-Wave-Lumped-Element Resonators (AWLRs) for High-<formula formulatype="inline"><tex Notation="TeX">Q</tex> </formula> Bandpass Filters With Quasi-Elliptic Frequency Response. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2233-2244.	4.6	44
134	Series-cascaded absorptive notch-filters for 4G-LTE radios. , 2015, , .		15
135	A VHF tunable lumped-element filter with mixed electric-magnetic couplings. , 2015, , .		10
136	A Compact L-Band Bandpass Filter with RF MEMS-Enabled Reconfigurable Notches for Interference Rejection in GPS Applications. IEEE Microwave Magazine, 2015, 16, 81-88.	0.8	12
137	Acoustic Wave Resonator-Based Absorptive Bandstop Filters With Ultra-Narrow Bandwidth. IEEE Microwave and Wireless Components Letters, 2015, 25, 570-572.	3.2	14
138	Advances in high-Q tunable filter technologies. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2015, 7, 170-176.	1.1	5
139	Sharp-rejection highpass and dual-band bandpass planar filters with multi-transmission-zero-generation transversal cell. , 2015, , .		3
140	High-Q bandpass filters using hybrid acoustic-wave-lumped-element resonators (AWLRs) for UHF applications. , 2015, , .		3
141	A class of planar multi-band Wilkinson-type power divider with intrinsic filtering functionality. , 2015, , .		8
142	RF-design of narrowband absorptive bandstop filters for UHF applications. , 2015, , .		5
143	Tunable VHF Miniaturized Helical Filters. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 282-289.	4.6	38
144	Reconfigurable bandpass filter with center frequency and bandwidth control. Microwave and Optical Technology Letters, 2013, 55, 2745-2750.	1.4	10

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145	Millimeterâ€wave phase shifter based on waveguideâ€mounted RFâ€MEMS. Microwave and Optical Technology Letters, 2013, 55, 465-468.	1.4	14
146	Large Stroke Staggered Vertical Comb-Drive Actuator for the Application of a Millimeter-Wave Tunable Phase Shifter. Journal of Microelectromechanical Systems, 2013, 22, 962-975.	2.5	18
147	Vâ€band bandpass filter with continuously variable centre frequency. IET Microwaves, Antennas and Propagation, 2013, 7, 701-707.	1.4	12
148	Continuously variable W-band phase shifters based on MEMS-actuated conductive fingers. International Journal of Microwave and Wireless Technologies, 2013, 5, 477-489.	1.9	3
149	Multi-band planar diplexers with sub-sets of frequency-contiguous transmission bands. International Journal of Microwave and Wireless Technologies, 0, , 1-11.	1.9	0