

Adnan Gorur

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<scp>Quintupleâ€mode</scp> wideband bandpass filter based on <scp>stubâ€loaded</scp> circular resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	0.8	3
2	Multibit Chipless RFID Tags Based on the Transition Among Closed- and Open-Loop Resonators. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 101-111.	2.9	6
3	Novel Multi-Resonator Circuits for Chipless RFID Tags Using Asymmetrical Triple-Mode Resonators. , 2022, , .		2
4	Design of a Compact Dual-Band Microstrip Bandstop Filter with High Rejection Levels. , 2021, , .		0
5	Design of a compact microstrip quadruplexer with closely spaced switchable and tunable channels based on asymmetrical dual-mode loop resonators. AEU - International Journal of Electronics and Communications, 2020, 127, 153421.	1.7	1
6	A New and Simple Approach on Multi-Resonator Circuit Based Chipless RFID Tags for IoT Applications. , 2020, , .		1
7	Design of tunable microstrip diplexer with reconfigurable filtering characteristics based on dualâ€mode square loop resonators. IET Microwaves, Antennas and Propagation, 2020, 14, 1587-1594.	0.7	0
8	A NOVEL DUAL-BAND MICROSTRIP BANDSTOP FILTER BASED ON STEPPED IMPEDANCE HAIRPIN RESONATORS. Progress in Electromagnetics Research Letters, 2019, 84, 139-146.	0.4	5
9	Design of a new balun bandpass filter with singleâ€band balance and dualâ€band filtering characteristics. Microwave and Optical Technology Letters, 2019, 61, 2586-2590.	0.9	1
10	Design of Wideband Bandpass Filters Using Parallel-Coupled Asymmetric Three Line Structures with Adjustment Elements. , 2019, , .		2
11	Electronically switchable compact quad-band microstrip bandpass filter using varactor perturbed dual-mode resonators. Journal of Electromagnetic Waves and Applications, 2018, 32, 1029-1039.	1.0	2
12	Design of dual-mode dual-band bandpass filter with independently tunable bandwidths and reconfigurable filtering characteristics. , 2017, , .		7
13	Dualâ€mode dualâ€band microstrip bandstop filter design with independently tunable center frequencies. Microwave and Optical Technology Letters, 2017, 59, 2542-2547.	0.9	3
14	Design of tunable microstrip bandstop filter. , 2016, , .		0
15	A novel compact wideband bandstop filter design using a dual-mode square loop resonator. , 2016, , .		1
16	Design of UWB microstrip bandpass filter using stubâ€loaded quintupleâ€mode resonator. Microwave and Optical Technology Letters, 2016, 58, 662-666.	0.9	6
17	Dual-mode microstrip bandstop filters using square loop resonators. , 2014, , .		2
18	A novel compact quad-band microstrip bandstop filter design using open-circuited stubs. , 2013, , .		3

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19	Design of microstrip bandstop filter with adjustable wide passband using folded open-circuited stub resonators. , 2009, , .		5
20	Asymmetric response dual-mode dual-band bandstop filters having simple and understandable topology. , 2009, , .		9
21	Microstrip bandstop filter using a dual-mode square loop resonator. Microwave and Optical Technology Letters, 2009, 51, 147-150.	0.9	10
22	Compact Dual-Mode Microstrip Quasi-Meander Loop Resonator for Filter Applications. , 2008, , .		2
23	Dual-mode microstrip filters with adjustable transmission zeros. IET Microwaves, Antennas and Propagation, 2008, 2, 839-847.	0.7	15
24	Miniature Dual-Mode Microstrip Bandpass Filters with Enhanced Parasitic Coupling. , 2008, , .		2
25	Dual-mode microstrip bandstop filters. , 2008, , .		4
26	Asymmetric dual-mode microstrip square loop resonators and filters. , 2008, , .		7
27	Dual-mode dual-band microstrip square loop resonators and filters. , 2008, , .		5
28	Compact Dual-Band Bandpass Filters Using Dual-Mode Resonators. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	23
29	A novel filtering function for linear phase dual mode filters with nonequi-ripple. , 2007, , .		0
30	Miniature Dual-Mode Microstrip Filters. IEEE Microwave and Wireless Components Letters, 2007, 17, 37-39.	2.0	55
31	Asymmetric Dual-Mode Microstrip Filters with Adjustable Transmission Zero. , 2007, , .		8
32	Slow-wave CPW resonator with defected ground structure (DGS) for filter applications. Microwave and Optical Technology Letters, 2006, 48, 229-233.	0.9	3
33	Reduced-size wideband bandstop filter using two open-circuited shunt stubs spaced by a double-length transmission-line element. International Journal of RF and Microwave Computer-Aided Engineering, 2005, 15, 79-85.	0.8	4
34	Reduced-size wideband microstrip bandpass filter with low loss and high selectivity. Microwave and Optical Technology Letters, 2005, 45, 147-148.	0.9	1
35	Compact dual-mode microstrip resonator for 900 MHz bandpass filter applications. Microwave and Optical Technology Letters, 2005, 45, 376-377.	0.9	2
36	Reduced-size dual-mode slotted patch resonator for low-loss and narrowband bandpass filter applications. Electronics Letters, 2004, 40, 1275.	0.5	26

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37	Description of Coupling Between Degenerate Modes of a Dual-Mode Microstrip Loop Resonator Using a Novel Perturbation Arrangement and Its Dual-Mode Bandpass Filter Applications. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 671-677.	2.9	220
38	A dual-mode uniplanar bandpass filter using an inset-coupling structure. Microwave and Optical Technology Letters, 2004, 41, 481-483.	0.9	0
39	Realization of a dual-mode bandpass filter exhibiting either a Chebyshev or an elliptic characteristic by changing perturbation's size. IEEE Microwave and Wireless Components Letters, 2004, 14, 118-120.	2.0	33
40	Resonance characteristics of capacitively loaded CPW open-loop resonators. Microwave and Optical Technology Letters, 2003, 38, 298-300.	0.9	5
41	A reduced-size dual-mode bandpass filter with capacitively loaded open-loop arms. IEEE Microwave and Wireless Components Letters, 2003, 13, 385-387.	2.0	60
42	Uniplanar compact wideband bandstop filter. IEEE Microwave and Wireless Components Letters, 2003, 13, 114-116.	2.0	56
43	A novel dual-mode bandpass filter with wide stopband using the properties of microstrip open-loop resonator. IEEE Microwave and Wireless Components Letters, 2002, 12, 386-388.	2.0	106
44	Analysis of line to line coupled coplanar waveguides with W-shaped conductor backing using conformal mapping method. International Journal of RF and Microwave Computer-Aided Engineering, 2002, 12, 354-359.	0.8	2
45	A novel electromagnetic band-gap (EBG) structure with one cell with the use of properties of a microstrip open-loop resonator. Microwave and Optical Technology Letters, 2002, 34, 454-459.	0.9	2
46	Bandstop characteristics of microstrip slotted patch without periodic elements. Microwave and Optical Technology Letters, 2002, 35, 125-128.	0.9	0
47	Cross-Coupled Bandpass Filter using Microstrip Triangular Open-Loop Resonators. , 2001, , .		3
48	A Novel Photonic Bandgap (PBG) Structure. , 2001, , .		1
49	Rectangular-shaped microshield coplanar waveguides on cylindrical substrate. Microwave and Optical Technology Letters, 2001, 29, 415-418.	0.9	3
50	A study on resonance characteristics of a microstrip open-loop resonator. Microwave and Optical Technology Letters, 2001, 31, 177-180.	0.9	4
51	Analysis of broadside-coupled asymmetric coplanar waveguide with one lateral ground plane. Microwave and Optical Technology Letters, 2000, 24, 298-303.	0.9	0
52	Quasistatic analysis of broadside-coupled conductor-backed asymmetric coplanar waveguide with one lateral ground plane using conformal mapping method. Microwave and Optical Technology Letters, 2000, 26, 156-160.	0.9	0
53	Quasi-TEM analysis of broadside-coupled V-shaped microshield coplanar waveguides. Microwave and Optical Technology Letters, 2000, 26, 229-232.	0.9	4
54	Analysis of cylindrical conductor-backed coplanar waveguides. Microwave and Optical Technology Letters, 2000, 27, 144-146.	0.9	2

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55	Analysis of coplanar-coupled lines on a cylindrical substrate. Microwave and Optical Technology Letters, 2000, 27, 187-190.	0.9	1
56	Effect of finite and different ground-plane widths on quasistatic parameters of asymmetrical coplanar waveguides. International Journal of RF and Microwave Computer-Aided Engineering, 2000, 10, 383-389.	0.8	1
57	The Effect of the Loop Strip Width of CPW Open-Loop Resonator on Its Resonance Characteristics. , 2000, , .		1
58	Quasi-TEM analysis of coplanar waveguides with different ground-plane widths. Microwave and Optical Technology Letters, 1999, 20, 311-315.	0.9	0
59	Experimental study on characteristics of loaded CPW resonators. Microwave and Optical Technology Letters, 1999, 21, 199-201.	0.9	3
60	Effect of finite ground-plane width on quasistatic parameters of asymmetric coplanar waveguides. Microwave and Optical Technology Letters, 1999, 22, 63-68.	0.9	1
61	Analytic formulas for conductor-backed asymmetric CPW with one lateral ground plane. Microwave and Optical Technology Letters, 1999, 22, 123-126.	0.9	9
62	Fast and simple CAD-oriented closed-form formulas for double-sided coplanar strip lines. Microwave and Optical Technology Letters, 1999, 22, 215-218.	0.9	0
63	Analysis of a cylindrical coupling structure. Microwave and Optical Technology Letters, 1999, 22, 298-301.	0.9	1
64	Analytic formulas for calculating the quasistatic parameters of a multilayer cylindrical coplanar strip line. Microwave and Optical Technology Letters, 1999, 22, 432-436.	0.9	3
65	Effect of upper shielding and conductor backing on quasistatic parameters of asymmetric coplanar waveguides. International Journal of RF and Microwave Computer-Aided Engineering, 1999, 9, 394-402.	0.8	7
66	Analytic formulas for conductor-backed asymmetric CPW with one lateral ground plane. , 1999, 22, 123.		1
67	Analytic formulas for calculating the quasistatic parameters of a multilayer cylindrical coplanar strip line. , 1999, 22, 432.		1
68	Quasistatic analysis of cylindrical coplanar waveguide with multilayer dielectrics. International Journal of RF and Microwave Computer-Aided Engineering, 1998, 8, 303-314.	0.8	8
69	Quasistatic analysis of cylindrical coplanar strip lines. Microwave and Optical Technology Letters, 1998, 17, 148-151.	0.9	8
70	Slow-wave characteristics of interdigitated meander transmission lines. Microwave and Optical Technology Letters, 1996, 13, 45-47.	0.9	0
71	Quasistatic TEM characteristics of overlaid supported asymmetric coplanar waveguides. The International Executive, 1996, 6, 297-304.	0.2	8
72	Fast and simple analytical expressions for quasistatic parameters of asymmetric coplanar lines. Microwave and Optical Technology Letters, 1995, 9, 334-336.	0.9	13

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73	Modified coplanar meander transmission line for MMICs. Electronics Letters, 1994, 30, 1317-1318.	0.5	10
74	Slow-wave characteristics of coplanar meander transmission lines with dielectric substrate. Microwave and Optical Technology Letters, 1994, 7, 852-854.	0.9	0
75	Focusing for laser hole drilling. Optics and Lasers in Engineering, 1993, 18, 349-369.	2.0	6
76	Measurement of variation in optical properties of fiber-optic cables produced by HESFIBEL and subjected to mechanical bending. , 1993, , .		1
77	Study of some characteristics of the plasma generated during a CO2 laser beam cutting process. Optics and Laser Technology, 1992, 24, 33-38.	2.2	17
78	A high isolation quad-channel microstrip diplexer based on codirectional split ring resonators. Microwave and Optical Technology Letters, 0, , .	0.9	1