

Ceyhun Karpuz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	The effect of mineralogy on the microwave assisted cutting of igneous rocks. Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	1.6	9
3	A Novel Concept in Design of Microwave Planar Dual Band Filter having the Controllable Closed/Isolated Bands by Using the Simple Vias and the Slow Wave Effect for 5G/IoT Applications. , 2022, , .		1
4	Novel Multi-Resonator Circuits for Chipless RFID Tags Using Asymmetrical Triple-Mode Resonators. , 2022, , .		2
5	A Novel Compact Microstrip Diplexer with Closely Spaced Channels. , 2021, , .		0
6	Practical fuzzy model approach for asymmetrical V-shaped microshield line by CADMFILT software. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22540.	0.8	1
7	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
8	A New and Simple Approach on Multi-Resonator Circuit Based Chipless RFID Tags for IoT Applications. , 2020, , .		1
9	Design of tunable microstrip diplexer with reconfigurable filtering characteristics based on dual-mode square loop resonators. IET Microwaves, Antennas and Propagation, 2020, 14, 1587-1594.	0.7	0
10	Design of a new balun bandpass filter with single-band balance and dual-band filtering characteristics. Microwave and Optical Technology Letters, 2019, 61, 2586-2590.	0.9	1
11	Design of Wideband Bandpass Filters Using Parallel-Coupled Asymmetric Three Line Structures with Adjustment Elements. , 2019, , .		2
12	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
13	Feature matching based positioning algorithm for swarm robotics. Computers and Electrical Engineering, 2018, 67, 807-818.	3.0	8
14	Design of dual-mode dual-band bandpass filter with independently tunable bandwidths and reconfigurable filtering characteristics. , 2017, , .		7
15	Dual-mode dual-band microstrip bandstop filter design with independently tunable center frequencies. Microwave and Optical Technology Letters, 2017, 59, 2542-2547.	0.9	3
16	Design of fourth order microstrip filter using the open loop resonator with a novel interdigital loading element. , 2017, , .		3
17	A novel microstrip triplexer based on meandered loop resonators. , 2017, , .		4
18	Design of dual-mode tunable filter surrounded by an electrical wall to obtain shielding effect. , 2017, , .		3

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19	A novel microstrip diplexer design with tunable bandwidths and switchable channels for 4.5G applications. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 4445-4456.	0.9	1
20	Design of tunable microstrip bandstop filter. , 2016, , .		0
21	A novel compact wideband bandstop filter design using a dual-mode square loop resonator. , 2016, , .		1
22	Design of dual-mode substrate integrated waveguide filter using inductive slots. , 2016, , .		2
23	Design of fourth order dual-mode microstrip filter by using interdigital capacitive loading element with high selectivity. , 2016, , .		6
24	Design of tunable microstrip dual-mode bandpass filter having reconfigurable filtering characteristics for mobile applications. , 2016, , .		5
25	Quad-Band Microstrip Bandstop Filter Design Using Dual-Mode Open Loop Resonators Having Thin Film Capacitors. IEEE Microwave and Wireless Components Letters, 2016, 26, 873-875.	2.0	12
26	Design of UWB microstrip bandpass filter using stub-loaded quintuple-mode resonator. Microwave and Optical Technology Letters, 2016, 58, 662-666.	0.9	6
27	Design of high-selectivity microstrip bandpass filter using triple-mode stub loaded resonator. , 2015, , .		1
28	Dual-mode dual-band microstrip bandpass filter with controllable center frequency. Microwave and Optical Technology Letters, 2015, 57, 639-642.	0.9	17
29	Dual-mode microstrip bandstop filters using square loop resonators. , 2014, , .		2
30	A novel compact microstrip dual-mode wideband bandpass filter design using tuning stubs. Microwave and Optical Technology Letters, 2014, 56, 47-49.	0.9	8
31	Design of quad-band bandpass filter using nested dual-mode square loop resonators. , 2014, , .		3
32	Even-odd mode analysis for multiband bandpass filters having multiple resonators and its microstrip implementations. Microwave and Optical Technology Letters, 2014, 56, 2664-2667.	0.9	1
33	Metamaterial based dual-band bandpass filter design for WLAN/WiMAX applications. Microwave and Optical Technology Letters, 2014, 56, 2211-2214.	0.9	10
34	A novel compact configuration for dual-mode microstrip resonators and dual-band bandpass filter applications. Microwave and Optical Technology Letters, 2013, 55, 775-779.	0.9	4
35	Effects of narrow slits on frequency response of a microstrip square loop resonator and dual-mode filter applications. Microwave and Optical Technology Letters, 2013, 55, 143-146.	0.9	7
36	Design and analysis of a compact dual-mode dual-band microstrip bandpass filter. Journal of Electromagnetic Waves and Applications, 2013, 27, 180-190.	1.0	7

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37	A novel compact quad-band microstrip bandstop filter design using open-circuited stubs. , 2013, , .		3
38	Design of compact multi-band microstrip bandpass filter having simultaneously excited passbands by using open-circuited stubs. , 2013, , .		2
39	A novel compact triple-mode microstrip bandstop filter with adjustable reflection zeros. , 2013, , .		3
40	Design of branch line coupler loaded capacitively with interdigitated fingers by using microstrip fed coplanar structures (L-shaped conductor backed asymmetric CPS and U-shaped conductor backed) Tj ETQq0 0 0.9 BT / Overlock 10		0
41	Design of microstrip bandstop filter with adjustable wide passband using folded open-circuited stub resonators. , 2009, , .		5
42	Asymmetric response dual-mode dual-band bandstop filters having simple and understandable topology. , 2009, , .		9
43	Microstrip bandstop filter using a dual-mode square loop resonator. Microwave and Optical Technology Letters, 2009, 51, 147-150.	0.9	10
44	Compact Dual-Mode Microstrip Quasi-Meander Loop Resonator for Filter Applications. , 2008, , .		2
45	Dual-mode microstrip filters with adjustable transmission zeros. IET Microwaves, Antennas and Propagation, 2008, 2, 839-847.	0.7	15
46	Miniature Dual-Mode Microstrip Bandpass Filters with Enhanced Parasitic Coupling. , 2008, , .		2
47	Asymmetric dual-mode microstrip square loop resonators and filters. , 2008, , .		7
48	Dual-mode dual-band microstrip square loop resonators and filters. , 2008, , .		5
49	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
50	A novel filtering function for linear phase dual mode filters with nonequi-ripple. , 2007, , .		0
51	Miniature Dual-Mode Microstrip Filters. IEEE Microwave and Wireless Components Letters, 2007, 17, 37-39.	2.0	55
52	Asymmetric Dual-Mode Microstrip Filters with Adjustable Transmission Zero. , 2007, , .		8
53	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
54	Compact dual-mode microstrip resonator for 900 MHz bandpass filter applications. Microwave and Optical Technology Letters, 2005, 45, 376-377.	0.9	2

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55	A dual-mode uniplanar bandpass filter using an inset-coupling structure. Microwave and Optical Technology Letters, 2004, 41, 481-483.	0.9	0
56	Bandstop characteristics of a triangular microstrip slotted patch as an electromagnetic bandgap (EBG). Microwave and Optical Technology Letters, 2003, 36, 149-150.	0.9	3
57	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
58	Uniplanar compact wideband bandstop filter. IEEE Microwave and Wireless Components Letters, 2003, 13, 114-116.	2.0	56
59	Cross-Coupled Bandpass Filter using Microstrip Triangular Open-Loop Resonators. , 2001, , .		3
60	A Novel Photonic Bandgap (PBG) Structure. , 2001, , .		1
61	Rectangular-shaped microshield coplanar waveguides on cylindrical substrate. Microwave and Optical Technology Letters, 2001, 29, 415-418.	0.9	3
62	A study on resonance characteristics of a microstrip open-loop resonator. Microwave and Optical Technology Letters, 2001, 31, 177-180.	0.9	4
63	Analysis of broadside-coupled asymmetric coplanar waveguide with one lateral ground plane. Microwave and Optical Technology Letters, 2000, 24, 298-303.	0.9	0
64	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
65	Quasi-TEM analysis of broadside-coupled V-shaped microshield coplanar waveguides. Microwave and Optical Technology Letters, 2000, 26, 229-232.	0.9	4
66	Analysis of cylindrical conductor-backed coplanar waveguides. Microwave and Optical Technology Letters, 2000, 27, 144-146.	0.9	2
67	Analysis of coplanar-coupled lines on a cylindrical substrate. Microwave and Optical Technology Letters, 2000, 27, 187-190.	0.9	1
68	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
69	The Effect of the Loop Strip Width of CPW Open-Loop Resonator on Its Resonance Characteristics. , 2000, , .		1
70	Quasi-TEM analysis of coplanar waveguides with different ground-plane widths. Microwave and Optical Technology Letters, 1999, 20, 311-315.	0.9	0
71	Quasistatic solutions of elliptical coplanar waveguides. Microwave and Optical Technology Letters, 1999, 20, 385-389.	0.9	5
72	Experimental study on characteristics of loaded CPW resonators. Microwave and Optical Technology Letters, 1999, 21, 199-201.	0.9	3

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73	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
74	Analytic formulas for conductor-backed asymmetric CPW with one lateral ground plane. Microwave and Optical Technology Letters, 1999, 22, 123-126.	0.9	9
75	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
76	Analysis of a cylindrical coupling structure. Microwave and Optical Technology Letters, 1999, 22, 298-301.	0.9	1
77	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
78	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
79	Analytic formulas for conductor-backed asymmetric CPW with one lateral ground plane. , 1999, 22, 123.		1
80	Analytic formulas for calculating the quasistatic parameters of a multilayer cylindrical coplanar strip line. , 1999, 22, 432.		1
81	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
82	Quasistatic analysis of cylindrical coplanar strip lines. Microwave and Optical Technology Letters, 1998, 17, 148-151.	0.9	8
83	Quasistatic TEM characteristics of overlaid supported asymmetric coplanar waveguides. The International Executive, 1996, 6, 297-304.	0.2	8
84	Fast and simple analytical expressions for quasistatic parameters of asymmetric coplanar lines. Microwave and Optical Technology Letters, 1995, 9, 334-336.	0.9	13
85	Åžoklu Robotlarda Å°ÅŸbirlikli DavranÅ±ÅŸlarÅ±n KarÅŸÅ±laÅŸtırÅ±lmasÅ± ve BulanÅ±k MantÅ±k YaklaÅŸımlarÅ±. Journal of Polytechnic, 0, , .	0,4	1
86	A high isolation quadâ€channel microstrip diplexer based on codirectional split ring resonators. Microwave and Optical Technology Letters, 0, , .	0.9	1