

# Adnan Gorur

## List of Publications by Year in descending order

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78  
papers

828  
citations

840119

11  
h-index

525886

27  
g-index

79  
all docs

79  
docs citations

79  
times ranked

355  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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       |
| 2  | 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       |
| 3  | 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        |
| 4  | Uniplanar compact wideband bandstop filter. IEEE Microwave and Wireless Components Letters, 2003, 13, 114-116.  | 2.0 | 56        |
| 5  | Miniature Dual-Mode Microstrip Filters. IEEE Microwave and Wireless Components Letters, 2007, 17, 37-39.  | 2.0 | 55        |
| 6  | 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        |
| 7  | Reduced-size dual-mode slotted patch resonator for low-loss and narrowband bandpass filter applications. Electronics Letters, 2004, 40, 1275.   | 0.5 | 26        |
| 8  | 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        |
| 9  | 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        |
| 10 | Dual-mode microstrip filters with adjustable transmission zeros. IET Microwaves, Antennas and Propagation, 2008, 2, 839-847.  | 0.7 | 15        |
| 11 | Fast and simple analytical expressions for quasistatic parameters of asymmetric coplanar lines. Microwave and Optical Technology Letters, 1995, 9, 334-336.   | 0.9 | 13        |
| 12 | Modified coplanar meander transmission line for MMICs. Electronics Letters, 1994, 30, 1317-1318.  | 0.5 | 10        |
| 13 | Microstrip bandstop filter using a dual-mode square loop resonator. Microwave and Optical Technology Letters, 2009, 51, 147-150.  | 0.9 | 10        |
| 14 | Analytic formulas for conductor-backed asymmetric CPW with one lateral ground plane. Microwave and Optical Technology Letters, 1999, 22, 123-126.   | 0.9 | 9         |
| 15 | Asymmetric response dual-mode dual-band bandstop filters having simple and understandable topology. , 2009, , .   |     | 9         |
| 16 | Quasistatic TEM characteristics of overlaid supported asymmetric coplanar waveguides. The International Executive, 1996, 6, 297-304.  | 0.2 | 8         |
| 17 | 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         |
| 18 | Quasistatic analysis of cylindrical coplanar strip lines. Microwave and Optical Technology Letters, 1998, 17, 148-151.  | 0.9 | 8         |

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|----|--|-----|-----------|
| 19 | Asymmetric Dual-Mode Microstrip Filters with Adjustable Transmission Zero. , 2007, , .   |     | 8         |
| 20 | 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         |
| 21 | Asymmetric dual-mode microstrip square loop resonators and filters. , 2008, , .  |     | 7         |
| 22 | Design of dual-mode dual-band bandpass filter with independently tunable bandwidths and reconfigurable filtering characteristics. , 2017, , .  |     | 7         |
| 23 | Focusing for laser hole drilling. Optics and Lasers in Engineering, 1993, 18, 349-369.   | 2.0 | 6         |
| 24 | Design of UWB microstrip bandpass filter using stub-loaded quintuple-mode resonator. Microwave and Optical Technology Letters, 2016, 58, 662-666.  | 0.9 | 6         |
| 25 | 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         |
| 26 | Resonance characteristics of capacitively loaded CPW open-loop resonators. Microwave and Optical Technology Letters, 2003, 38, 298-300.  | 0.9 | 5         |
| 27 | Dual-mode dual-band microstrip square loop resonators and filters. , 2008, , .   |     | 5         |
| 28 | Design of microstrip bandstop filter with adjustable wide passband using folded open-circuited stub resonators. , 2009, , .  |     | 5         |
| 29 | 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         |
| 30 | Quasi-TEM analysis of broadside-coupled V-shaped microshield coplanar waveguides. Microwave and Optical Technology Letters, 2000, 26, 229-232.   | 0.9 | 4         |
| 31 | A study on resonance characteristics of a microstrip open-loop resonator. Microwave and Optical Technology Letters, 2001, 31, 177-180.   | 0.9 | 4         |
| 32 | 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         |
| 33 | Dual-mode microstrip bandstop filters. , 2008, , .   |     | 4         |
| 34 | Experimental study on characteristics of loaded CPW resonators. Microwave and Optical Technology Letters, 1999, 21, 199-201.   | 0.9 | 3         |
| 35 | 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         |
| 36 | Cross-Coupled Bandpass Filter using Microstrip Triangular Open-Loop Resonators. , 2001, , .  |     | 3         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Rectangular-shaped microshield coplanar waveguides on cylindrical substrate. Microwave and Optical Technology Letters, 2001, 29, 415-418.   | 0.9 | 3         |
| 38 | Slow-wave CPW resonator with defected ground structure (DGS) for filter applications. Microwave and Optical Technology Letters, 2006, 48, 229-233.  | 0.9 | 3         |
| 39 | A novel compact quad-band microstrip bandstop filter design using open-circuited stubs. , 2013, , .   |     | 3         |
| 40 | 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         |
| 41 | <scp>Quintuple-mode</scp> wideband bandpass filter based on <scp>stub-loaded</scp> circular resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .                      | 0.8 | 3         |
| 42 | Analysis of cylindrical conductor-backed coplanar waveguides. Microwave and Optical Technology Letters, 2000, 27, 144-146.  | 0.9 | 2         |
| 43 | 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         |
| 44 | 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         |
| 45 | Compact dual-mode microstrip resonator for 900 MHz bandpass filter applications. Microwave and Optical Technology Letters, 2005, 45, 376-377.   | 0.9 | 2         |
| 46 | Compact Dual-Mode Microstrip Quasi-Meander Loop Resonator for Filter Applications. , 2008, , .  |     | 2         |
| 47 | Miniature Dual-Mode Microstrip Bandpass Filters with Enhanced Parasitic Coupling. , 2008, , .   |     | 2         |
| 48 | Dual-mode microstrip bandstop filters using square loop resonators. , 2014, , .   |     | 2         |
| 49 | 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         |
| 50 | Design of Wideband Bandpass Filters Using Parallel-Coupled Asymmetric Three Line Structures with Adjustment Elements. , 2019, , .   |     | 2         |
| 51 | Novel Multi-Resonator Circuits for Chipless RFID Tags Using Asymmetrical Triple-Mode Resonators. , 2022, , .  |     | 2         |
| 52 | Measurement of variation in optical properties of fiber-optic cables produced by HESFIBEL and subjected to mechanical bending. , 1993, , .  |     | 1         |
| 53 | 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         |
| 54 | Analysis of a cylindrical coupling structure. Microwave and Optical Technology Letters, 1999, 22, 298-301.  | 0.9 | 1         |

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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 | A Novel Photonic Bandgap (PBG) Structure. , 2001, , .  |     | 1         |
| 59 | Reduced-size wideband microstrip bandpass filter with low loss and high selectivity. Microwave and Optical Technology Letters, 2005, 45, 147-148.  | 0.9 | 1         |
| 60 | A novel compact wideband bandstop filter design using a dual-mode square loop resonator. , 2016, , .   |     | 1         |
| 61 | 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         |
| 62 | 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         |
| 63 | Analytic formulas for conductor-backed asymmetric CPW with one lateral ground plane. , 1999, 22, 123.  |     | 1         |
| 64 | Analytic formulas for calculating the quasistatic parameters of a multilayer cylindrical coplanar strip line. , 1999, 22, 432.   |     | 1         |
| 65 | A New and Simple Approach on Multi-Resonator Circuit Based Chipless RFID Tags for IoT Applications. , 2020, , .  |     | 1         |
| 66 | A high isolation quad-channel microstrip diplexer based on codirectional split ring resonators. Microwave and Optical Technology Letters, 0, , .   | 0.9 | 1         |
| 67 | Slow-wave characteristics of coplanar meander transmission lines with dielectric substrate. Microwave and Optical Technology Letters, 1994, 7, 852-854.  | 0.9 | 0         |
| 68 | Slow-wave characteristics of interdigitated meander transmission lines. Microwave and Optical Technology Letters, 1996, 13, 45-47.   | 0.9 | 0         |
| 69 | Quasi-TEM analysis of coplanar waveguides with different ground-plane widths. Microwave and Optical Technology Letters, 1999, 20, 311-315.   | 0.9 | 0         |
| 70 | 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         |
| 71 | Analysis of broadside-coupled asymmetric coplanar waveguide with one lateral ground plane. Microwave and Optical Technology Letters, 2000, 24, 298-303.  | 0.9 | 0         |
| 72 | 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         |

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|----|---|-----|-----------|
| 73 | Bandstop characteristics of microstrip slotted patch without periodic elements. Microwave and Optical Technology Letters, 2002, 35, 125-128.  | 0.9 | 0         |
| 74 | A dual-mode uniplanar bandpass filter using an inset-coupling structure. Microwave and Optical Technology Letters, 2004, 41, 481-483.   | 0.9 | 0         |
| 75 | A novel filtering function for linear phase dual mode filters with nonequi-ripple. , 2007, , .  |     | 0         |
| 76 | Design of tunable microstrip bandstop filter. , 2016, , .   |     | 0         |
| 77 | 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         |
| 78 | Design of a Compact Dual-Band Microstrip Bandstop Filter with High Rejection Levels. , 2021, , .  |     | 0         |