Mohanan Pezholil

List of Publications by Year
in descending order

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219 papers	4,959 citations	87888 38 h-index	123424 61 g-index
219 all docs	219 docs citations	219 times ranked	3010 citing authors

#	Article	IF	Citations
1	(1-x)MgAl2O4-xTiO2 dielectrics for microwave and millimeter wave applications. Applied Physics A: Materials Science and Processing, 2005, 81, 823-826.	2.3	175
2	A flexible microwave absorber based on nickel ferrite nanocomposite. Journal of Alloys and Compounds, 2010, 489, 297-303.	5.5	129
3	Microwave dielectric properties of MOâ€“La₂O₃â€“TiO₂ (M = Ca, Sr,) Tj ETQq1 1 0.784314 rgBT	2.6	120
4	High permittivity and low loss ceramics in the BaO-SrO-Nb2O5 system. Materials Research Bulletin, 1995, 30, 653-658.	5.2	118
5	Effect of Doping on the Dielectric Properties of Cerium Oxide in the Microwave and Farâ€Infrared Frequency Range. Journal of the American Ceramic Society, 2004, 87, 1233-1237.	3.8	116
6	Effect of Nonstoichiometry on the Structure and Microwave Dielectric Properties of Ba(Mg0.33Ta0.67)O3. Chemistry of Materials, 2005, 17, 142-151.	6.7	113
7	Lowâ€Temperature Sintering and Microwave Dielectric Properties of Li₂MgSiO₄ Ceramics. Journal of the American Ceramic Society, 2009, 92, 1244-1249.	3.8	113
8	CPW-Fed Koch Fractal Slot Antenna for WLAN/WiMAX Applications. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 389-392.	4.0	112
9	A microwave absorber based on strontium ferriteâ€“carbon blackâ€“nitrile rubber for S and X-band applications. Composites Science and Technology, 2013, 82, 69-75.	7.8	107
10	High frequency dielectric properties of A5B4O15 microwave ceramics. Journal of Applied Physics, 2001, 89, 3900-3906.	2.5	106
11	Forsterite-based ceramicâ€“glass composites for substrate applications in microwave and millimeter wave communications. Journal of Alloys and Compounds, 2008, 461, 555-559.	5.5	97
12	The effect of glass additives on the microwave dielectric properties of Ba(Mg1/3Ta2/3)O3 ceramics. Journal of Solid State Chemistry, 2004, 177, 4031-4046.	2.9	96
13	A Four-Port MIMO Antenna Using Concentric Square-Ring Patches Loaded With CSRR for High Isolation. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1196-1199.	4.0	90
14	A5B4O15 (A=Ba, Sr, Mg, Ca, Zn; B=Nb, Ta) microwave dielectric ceramics. Materials Letters, 2003, 57, 4043-4048.	2.6	89
15	Low Dielectric Loss PTFE/CeO₂ Ceramic Composites for Microwave Substrate Applications. International Journal of Applied Ceramic Technology, 2008, 5, 325-333.	2.1	89
16	Low Dielectric Loss Polytetrafluoroethylene/TeO₂ Polymer Ceramic Composites. Journal of the American Ceramic Society, 2007, 90, 3507-3511.	3.8	81
17	Enhanced isolation with defected ground structure in MIMO antenna. Electronics Letters, 2014, 50, 1784-1786.	1.0	79
18	Microwave dielectric properties of RETiTaO₆ (RE = La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Y,) Tj ETQq0 0 0 rgBT /Overlock 10	2.6	71

#	Article	IF	Citations
19	Compact wideband Koch fractal printed slot antenna. IET Microwaves, Antennas and Propagation, 2009, 3, 782.	1.4	70
20	Microwave characterisation of BaCe2Ti5O15 and Ba5Nb4O15 ceramic dielectric resonators using whispering gallery mode method. Materials Letters, 2000, 45, 279-285.	2.6	67
21	Synthesis, characterization and properties of [RE1â^'xRExâ€²]TiNbO6 dielectric ceramics. Materials Chemistry and Physics, 2001, 67, 291-293.	4.0	67
22	Preparation, characterization and microwave dielectric properties of Ba(B1/2â€²Nb1/2)O3 [Bâ€² = La, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Y, Yb and In] ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 107, 264-270.	3.5	67
23	PTFE/Sr2Ce2Ti5O16 polymer ceramic composites for electronic packaging applications. Journal of the European Ceramic Society, 2007, 27, 3039-3044.	5.7	67
24	Preparation, characterization and properties of Sm2Si2O7 loaded polymer composites for microelectronic applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 163, 67-75.	3.5	67
25	Fluorinated graphene oxide for enhanced S and X-band microwave absorption. Applied Physics Letters, 2015, 106, .	3.3	67
26	COMPACT DUAL BAND SLOT LOADED CIRCULAR MICROSTRIP ANTENNA WITH A SUPERSTRATE. Progress in Electromagnetics Research, 2008, 83, 245-255.	4.4	59
27	ACS fed printed Fâ€shaped uniplanar antenna for dual band WLAN applications. Microwave and Optical Technology Letters, 2009, 51, 1852-1856.	1.4	54
28	Compact planar multiband antenna for GPS, DCS, 2.4â^•5.8â€…GHz WLAN applications. Electronics Letters, 2005, 41, 290.	1.0	53
29	A wideband printed monopole antenna for 2.4-GHz WLAN applications. Microwave and Optical Technology Letters, 2006, 48, 871-873.	1.4	53
30	Microstrip-Fed Pattern- and Polarization- Reconfigurable Compact Truncated Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 710-713.	4.0	53
31	Effect of coupling agent on the thermal and dielectric properties of PTFE/Sm2Si2O7 composites. Composites Part A: Applied Science and Manufacturing, 2010, 41, 1148-1155.	7.6	52
32	Microwave Dielectric Properties of RE_{1â^'x}RE^{â€²}_xTiNbO₆ [RE = Pr, Nd, Sm; REâ€²=Gd, Dy, Y] Ceramics. Journal of the American Ceramic Society, 2003, 86, 1695-1699.	3.8	48
33	Effect of Filler Content on the Dielectric Properties of PTFE/ZnAl₂O₄â€“TiO₂ Composites. Journal of the American Ceramic Society, 2008, 91, 1971-1975.	3.8	47
34	A Compact Dual-Band Planar Antenna for DCS-1900/PCS/PHS, WCDMA/IMT-2000, and WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 108-111.	4.0	47
35	Dielectric, thermal, and mechanical properties of CeO₂â€filled HDPE composites for microwave substrate applications. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 998-1008.	2.1	45
36	A compact dual band planar branched monopole antenna for DCS/2.4-GHz WLAN applications. IEEE Microwave and Wireless Components Letters, 2006, 16, 275-277.	3.2	43

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37	Design of a microstip fed step slot antenna for UWB communication. Microwave and Optical Technology Letters, 2009, 51, 1126-1129.	1.4	43
38	Wideband Printed Microstrip Antenna for Wireless Communications. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 779-781.	4.0	40
39	Microwave dielectric properties of Ba5-xSrxTa4O15, Ba5NbxTa4-xO15 and Sr5NbxTa4â^'xO15 ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 106, 207-212.	3.5	39
40	Polystyrene/Sr₂Ce₂Ti₅O₁₅ composites with low dielectric loss for microwave substrate applications. Polymer Engineering and Science, 2009, 49, 1218-1224.	3.1	38
41	Nickel/carbon hybrid nanostructures as microwave absorbers. Materials Letters, 2010, 64, 1130-1132.	2.6	37
42	Design and fabrication of an E-shaped wearable textile antenna on PVB-coated hydrophobic polyester fabric. Smart Materials and Structures, 2017, 26, 105011.	3.5	37
43	Microwave dielectric properties of (1â^'x)CaTiO3â€“xSm(Mg1/2Ti1/2)O3 [0.1â‰¤xâ‰¤1]ceramics. Materials Letters, 2002, 54, 318-322.	2.6	36
44	Novel Low Loss, Low Permittivity Glass-Ceramic Composites for LTCC Applications. International Journal of Applied Ceramic Technology, 2011, 8, 172-179.	2.1	36
45	Dielectric, thermal and mechanical properties of zirconium silicate reinforced high density polyethylene composites for antenna applications. Physical Chemistry Chemical Physics, 2015, 17, 14943-14950.	2.8	35
46	Enhanced bandwidth microstrip patch antennas loaded with high permittivity dielectric resonators. Microwave and Optical Technology Letters, 2002, 35, 327-330.	1.4	33
47	A reconfigurable dual-frequency slot-loaded microstrip antenna controlled by pin diodes. Microwave and Optical Technology Letters, 2005, 44, 374-376.	1.4	33
48	Compact uniplanar antenna for WLAN applications. Electronics Letters, 2007, 43, 70.	1.0	33
49	High dielectric constant low loss microwave dielectric ceramics in the Ca5Nb2â^'xTaxTiO12 system. Materials Letters, 2003, 57, 1380-1384.	2.6	32
50	Experimental investigations and three-dimensional transmission line matrix simulation of Ca5â^'xAxB2TiO12 (A=Mg, Zn, Ni, and Co; B=Nb and Ta) ceramic resonators. Journal of Applied Physics, 2005, 98, 124105.	2.5	32
51	New high permittivity and low loss ceramics in the BaOâ€“TiO2â€“Nb2O5 composition. Journal of Materials Science: Materials in Electronics, 1998, 9, 291-294.	2.2	31
52	Low-loss Ca5â^'xSrxA2TiO12[A=Nb,Ta] ceramics: Microwave dielectric properties and vibrational spectroscopic analysis. Journal of Applied Physics, 2005, 97, 104108.	2.5	31
53	A new microstrip patch antenna for mobile communications and bluetooth applications. Microwave and Optical Technology Letters, 2002, 33, 285-286.	1.4	30
54	Coplanar striplineâ€fed compact UWB antenna. Electronics Letters, 2014, 50, 1181-1182.	1.0	30

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55	Compact dual polarised V slit, stub and slot embedded circular patch antenna for UMTS/WiMAX/WLAN applications. Electronics Letters, 2016, 52, 1425-1426.	1.0	30
56	Technical Aspects of 205 MHz VHF Mini Wind Profiler Radar for Tropospheric Probing. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1027-1031.	3.1	29
57	Broadband dual frequency microstrip antenna. Electronics Letters, 1996, 32, 1531.	1.0	28
58	A novel method of tuning the properties of microwave dielectric resonators. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 97, 258-264.	3.5	27
59	Samarium titanium niobate (SmTiNbO6): A new microwave dielectric ceramic. Materials Research Bulletin, 1997, 32, 1279-1284.	5.2	26
60	Ultra-wideband slot antenna for wireless USB dongle applications. Electronics Letters, 2008, 44, 1057.	1.0	26
61	Technical Details of a Novel Wind Profiler Radar at 205 MHz. Journal of Atmospheric and Oceanic Technology, 2017, 34, 2659-2671.	1.3	26
62	A comparative study on electromagnetic interference shielding effectiveness of carbon nanofiber and nanofibrillated cellulose composites. Synthetic Metals, 2019, 247, 285-297.	3.9	26
63	Ba(Tb12Nb12)O3: A new ceramic microwave dielectric resonator. Materials Letters, 1997, 33, 161-165.	2.6	25
64	SRR loaded waveguide band rejection filter with adjustable bandwidth. Microwave and Optical Technology Letters, 2006, 48, 1427-1429.	1.4	25
65	Tape Casting and Dielectric Properties of Zn₂Te₃O₈â€Based Ceramics with an Ultraâ€Low Sintering Temperature. International Journal of Applied Ceramic Technology, 2009, 6, 531-536.	2.1	25
66	Compact CPW-fed ground defected H-shaped slot antenna with harmonic suppression and stable radiation characteristics. Electronics Letters, 2010, 46, 812.	1.0	25
67	Preparation, characterisation and dielectric properties of ceramics in the BaO-Nd2O3-TiO2system. Ferroelectrics, 1998, 211, 1-8.	0.6	24
68	Validation of 205ÂMHz wind profiler radar located at Cochin, India, using radiosonde wind measurements. Radio Science, 2016, 51, 106-117.	1.6	24
69	A simple free-space method for measuring the complex permittivity of single and compound dielectric materials. Microwave and Optical Technology Letters, 2000, 26, 117-119.	1.4	23
70	A new compact dual-band dual-polarized microstrip antenna. Microwave and Optical Technology Letters, 2001, 29, 315-317.	1.4	23
71	HIGH BIT ENCODING CHIPLESS RFID TAG USING MULTIPLE E SHAPED MICROSTRIP RESONATORS. Progress in Electromagnetics Research B, 2014, 61, 185-196.	1.0	22
72	Synthesis, characterisation and properties of ceramics for application as dielectric resonators in microwave circuits. Ceramics International, 1995, 21, 385-389.	4.8	21

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73	A compact dualâ€band modified Tâ€shaped CPWâ€fed monopole antenna. Microwave and Optical Technology Letters, 2009, 51, 937-939.	1.4	21
74	Influence of Ca[(Li_{1/3}Nb_{2/3})_{0.8}Ti_{0.2}]O_{3â€Ť} filler on the microwave dielectric properties of polyethylene and polystyrene for microelectronic applications. Polymer Engineering and Science, 2010, 50, 570-576.	3.1	21
75	Tailoring the microwave dielectric properties of GdTiNb1â^'xTaxO6 and Sm1â^'x YxTiTaO6 ceramics. Journal of the European Ceramic Society, 2003, 23, 2489-2495.	5.7	20
76	Microwave dielectric properties of BaOâ^'2CeO2â^'nTiO2 ceramics. Journal of Solid State Chemistry, 2004, 177, 3995-4000.	2.9	20
77	Design of an Edge-Coupled Dual-Ring Split-Ring Resonator. IEEE Antennas and Propagation Magazine, 2011, 53, 45-54.	1.4	20
78	Synthesis, Characterization and Properties of Ca5A2TiO12(A=Nb, Ta) Ceramic Dielectric Materials for Applications in Microwave Telecommunication Systems. Japanese Journal of Applied Physics, 2002, 41, 3834-3835.	1.5	19
79	Synthesis and microwave dielectric properties of Sr3Zn1â^'xMgxNb2O9 phases. Materials Research Bulletin, 2002, 37, 185-191.	5.2	19
80	Measurement of Soil Moisture Content at Microwave Frequencies. Procedia Computer Science, 2015, 46, 1238-1245.	2.0	18
81	Low Îº Mg2SiO4 ceramic tapes and their role as screen printed microstrip patch antenna substrates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114947.	3.5	18
82	A compact hybrid CPW fed planar monopole/dielectric resonator antenna. Journal of the European Ceramic Society, 2007, 27, 3001-3004.	5.7	17
83	A Quasi-Omnidirectional Antenna for Modern Wireless Communication Gadgets. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 505-508.	4.0	17
84	A BROADBAND MICROSTRIP ANTENNA FOR IEEE802.11.A/ WIMAX/HIPERLAN2 APPLICATIONS. Progress in Electromagnetics Research Letters, 2010, 19, 155-161.	0.7	17
85	ANALYSIS OF CPW-FED UWB ANTENNA FOR WIMAX AND WLAN BAND REJECTION. Progress in Electromagnetics Research C, 2014, 52, 83-92.	0.9	17
86	Dielectric-resonator-loaded microstrip antenna for enhanced impedance bandwidth and efficiency. Microwave and Optical Technology Letters, 1998, 17, 205-207.	1.4	16
87	Diversityâ€based fourâ€port multiple input multiple output antenna loaded with interdigital structure for high isolation. IET Microwaves, Antennas and Propagation, 2016, 10, 1633-1642.	1.4	16
88	Single-feed dual-frequency dual-polarized slotted square microstrip antenna. Microwave and Optical Technology Letters, 2000, 25, 395-397.	1.4	15
89	Broadband elliptical dielectric resonator antenna. Microwave and Optical Technology Letters, 2006, 48, 65-67.	1.4	15
90	Title is missing!. Journal of Materials Science: Materials in Electronics, 2000, 11, 595-602.	2.2	14

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91	Resonance frequencies of compact microstrip antenna. Electronics Letters, 2001, 37, 1151.	1.0	14
92	Dielectric response of Sr2Ce2Ti5O15ceramics reinforced high density polyethylene. Journal Physics D: Applied Physics, 2009, 42, 225501.	2.8	14
93	Dielectric ceramics in the BaO-Ln2O3-5TiO2composition. Ferroelectrics, 1996, 189, 43-46.	0.6	13
94	A new group of microwave dielectric ceramics in the RE(Ti0.5W0.5)O4 [RE=Pr, Nd, Sm, Gd, Tb, Dy, and Y] system. Journal of Materials Science: Materials in Electronics, 2003, 14, 5-8.	2.2	13
95	Wideband cylindrical dielectric resonator antenna excited using an L-strip feed. Microwave and Optical Technology Letters, 2004, 42, 293-294.	1.4	13
96	T-strip-fed high-permittivity rectangular dielectric resonator antenna for broadband applications. Microwave and Optical Technology Letters, 2005, 47, 226-228.	1.4	13
97	Compact CPW fed electrically small antenna for WLAN application. Electronics Letters, 2014, 50, 62-64.	1.0	13
98	COMPACT TRIBAND DUAL F-SHAPED ANTENNA FOR DCS/WIMAX/WLAN APPLICATIONS. Progress in Electromagnetics Research Letters, 2018, 78, 97-104.	0.7	13
99	Microwave dielectric resonators based on Ba[(Bi0.2D0.33+)Nb0.5]O3 (D3+ = Y, Pr, Sm, Gd, Dy, Er). Materials Letters, 1996, 28, 107-111.	2.6	12
100	Characteristics of a microstrip-excited high-permittivity rectangular dielectric resonator antenna. Microwave and Optical Technology Letters, 2004, 40, 316-318.	1.4	12
101	A compact very-high-permittivity dielectric-eye resonator antenna for multiband wireless applications. Microwave and Optical Technology Letters, 2004, 43, 118-121.	1.4	12
102	Effect of silane coupling agent on the dielectric and thermal properties of DGEBA-forsterite composites. Journal of Polymer Research, 2011, 18, 811-819.	2.4	12
103	CPW-FED UWB COMPACT ANTENNA FOR MULTIBAND APPLICATIONS. Progress in Electromagnetics Research C, 2015, 56, 29-38.	0.9	12
104	A metamaterial absorber based high gain directional dipole antenna. International Journal of Microwave and Wireless Technologies, 2018, 10, 430-436.	1.9	12
105	A novel electronically scannable log-periodic leaky-wave antenna. Microwave and Optical Technology Letters, 2005, 45, 163-165.	1.4	11
106	Development of a varactor-controlled dual-frequency reconfigurable microstrip antenna. Microwave and Optical Technology Letters, 2005, 46, 375-377.	1.4	11
107	Planar branched monopole antenna for UWB applications. Microwave and Optical Technology Letters, 2007, 49, 45-47.	1.4	11
108	A Compact Stacked Dipole Antenna With Directional Radiation Coverage for Wireless Communications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 841-844.	4.0	11

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109	An experimental verification of metamaterial coupled enhanced transmission for antenna applications. Applied Physics Letters, 2014, 104, .	3.3	11
110	Slot-loaded compact microstrip antenna for dual-frequency operation. Microwave and Optical Technology Letters, 2001, 31, 379-381.	1.4	10
111	Microwave dielectric properties of LaMgAl11O19. Materials Research Bulletin, 2002, 37, 2129-2133.	5.2	10
112	Compact semicircular directive dipole antenna for UWB applications. Electronics Letters, 2011, 47, 1260.	1.0	10
113	Compact cross loop resonator based chipless <scp>RFID</scp> tag with polarization insensitivity. Microwave and Optical Technology Letters, 2016, 58, 944-947.	1.4	10
114	Wide band rectangular microstrip antenna using symmetric T-shaped feed. Microwave and Optical Technology Letters, 2002, 35, 235-236.	1.4	9
115	Compact dual-polarised square microstrip antenna with triangular slots for wireless communication. Electronics Letters, 2006, 42, 894.	1.0	9
116	Slot line FED dipole antenna for wide band applications. Microwave and Optical Technology Letters, 2009, 51, 826-830.	1.4	9
117	Effect of nickel nanofillers on the dielectric and magnetic properties of composites based on rubber in the X-band. Applied Physics A: Materials Science and Processing, 2009, 97, 157-165.	2.3	9
118	A modified strip grating with dual periodicity for RCS reduction. Microwave and Optical Technology Letters, 1994, 7, 315-317.	1.4	8
119	MOBILE ANTENNA WITH REDUCED RADIATION HAZARDS TOWARDS HUMAN HEAD. Progress in Electromagnetics Research Letters, 2010, 17, 39-46.	0.7	8
120	A NOVEL POLARIZATION INDEPENDENT CHIPLESS RFID TAG USING MULTIPLE RESONATORS. Progress in Electromagnetics Research Letters, 2015, 55, 61-66.	0.7	8
121	Frequency reconfigurable stepped impedance dipole antenna for wireless applications. AEU - International Journal of Electronics and Communications, 2020, 115, 153029.	2.9	8
122	A simple electrically small microwave sensor based on complementary asymmetric single split resonator for dielectric characterization of solids and liquids. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22462.	1.2	8
123	A new broadband circular patch antenna. Microwave and Optical Technology Letters, 1994, 7, 604-605.	1.4	7
124	Dual-band dual-polarized compact microstrip antenna. Microwave and Optical Technology Letters, 2000, 25, 328-330.	1.4	7
125	Low backscattered dual-polarised metallo-dielectric structure based on Sierpinski carpet. Microwave and Optical Technology Letters, 2004, 40, 246-248.	1.4	7
126	Compact dual-band antenna for DCS/2.4 GHz WLAN applications. Microwave and Optical Technology Letters, 2006, 48, 856-859.	1.4	7

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127	FDTD analysis of rectangular dielectric resonator antenna. Journal of the European Ceramic Society, 2007, 27, 2753-2757.	5.7	7
128	Microstrip band rejection filter using open loop resonator. Microwave and Optical Technology Letters, 2008, 50, 1550-1551.	1.4	7
129	Ultraâ€wideband slot antenna with bandâ€notch characteristics for wireless USB dongle applications. Microwave and Optical Technology Letters, 2009, 51, 1500-1504.	1.4	7
130	Studies on the effect of mobile phone radiation on DNA using laser induced fluorescence technique. Laser Physics, 2011, 21, 1945-1949.	1.2	7
131	Design of a circularly polarized rectangular microstrip antenna for GPS applications. Microwave and Optical Technology Letters, 2011, 53, 468-470.	1.4	7
132	Microstrip fed ground modified compact antenna with reconfigurable radiation pattern for BANs. , 2012, , .		7
133	The performance of a novel simulated corrugated surface for the reduction of radar cross section. Microwave and Optical Technology Letters, 1993, 6, 615-617.	1.4	6
134	Planar L-strip fed broadband microstrip antenna. Microwave and Optical Technology Letters, 2002, 34, 115-117.	1.4	6
135	Design and analysis of microstrip lines with EBG-backed ground planes of different geometrical shapes. Microwave and Optical Technology Letters, 2005, 46, 544-546.	1.4	6
136	A compact pentagonal monopole antenna for portable UWB systems. Microwave and Optical Technology Letters, 2010, 52, 2390-2393.	1.4	6
137	Polarization independent chipless <scp>RFID</scp> tag. Microwave and Optical Technology Letters, 2015, 57, 1889-1894.	1.4	6
138	CIRCULARLY POLARIZED DODECAGONAL PATCH ANTENNA WITH POLYGONAL SLOT FOR RFID APPLICATIONS. Progress in Electromagnetics Research C, 2016, 61, 9-15.	0.9	6
139	An experimental realization of cylindrical cloaking using dogbone metamaterials. Canadian Journal of Physics, 2017, 95, 927-932.	1.1	6
140	HARMONIC SUPPRESSED COMPACT STEPPED IMPEDANCE UNIPLANAR DIPOLE ANTENNA FOR WLAN APPLICATIONS. Progress in Electromagnetics Research Letters, 2018, 79, 45-50.	0.7	6
141	Circularly polarized compact microstrip antenna. Microwave and Optical Technology Letters, 2000, 26, 308-309.	1.4	5
142	Dual-frequency dual-polarized slot-coupled compact microstrip antenna for communication systems. International Journal of Electronics, 2002, 89, 191-195.	1.4	5
143	Analysis and design of a dual-port compact microstrip antenna. Microwave and Optical Technology Letters, 2002, 32, 125-127.	1.4	5
144	L-strip-fed wideband rectangular dielectric resonator antenna. Microwave and Optical Technology Letters, 2005, 45, 227-228.	1.4	5

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145	Microwave dielectric properties of Ba(Mg1/3Ta(2â˜2x)/3Wx/3Tix/3)O3 ceramics. Materials Research Bulletin, 2006, 41, 784-790.	5.2	5
146	A FAN-SHAPED CIRCULARLY POLARIZED PATCH ANTENNA FOR UMTS BAND. Progress in Electromagnetics Research C, 2014, 52, 101-107.	0.9	5
147	Spectral signature-encoded chipless RFID tag with planar multiresonators. Journal of Electromagnetic Waves and Applications, 2014, 28, 2266-2275.	1.6	5
148	Tailoring the spectral response of a dogbone doublet metamaterial. Microwave and Optical Technology Letters, 2016, 58, 1347-1353.	1.4	5
149	Extraordinary transmission technique for microwave antenna applications. Journal Physics D: Applied Physics, 2016, 49, 185503.	2.8	5
150	Liquid Permittivity Sensing Using Planar Open Stub Resonator. Journal of Electronic Materials, 2020, 49, 2110-2117.	2.2	5
151	Compact dual-frequency dual-polarized slotted microstrip patch antenna. Microwave and Optical Technology Letters, 2001, 29, 60-62.	1.4	4
152	Dual-port dual-polarized microstrip antenna. Microwave and Optical Technology Letters, 2002, 34, 459-460.	1.4	4
153	Rectangular dielectric resonator antenna on a conductor-backed co-planar waveguide. Microwave and Optical Technology Letters, 2005, 45, 154-156.	1.4	4
154	PTFEâ€“SWNT composite for microwave absorption application. Materials Letters, 2010, 64, 743-745.	2.6	4
155	Asymmetrical grounded CPWâ€fed antenna for WLAN applications. Microwave and Optical Technology Letters, 2013, 55, 2739-2741.	1.4	4
156	A stealth emulsion based on natural rubber latex, core-shell ferrofluid/carbon black in the S and X bands. Nanotechnology, 2019, 30, 315703.	2.6	4
157	Asymmetric coplanar strip based stepped monopole sensor for liquid permittivity measurements. Engineering Science and Technology, an International Journal, 2022, 32, 101063.	3.2	4
158	Compact microwave sensor for monitoring aging of oil and fuel adulteration. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	4
159	Compact microstrip slot antenna for broadband operation. Microwave and Optical Technology Letters, 2003, 37, 248-250.	1.4	3
160	Compact amplifier integrated microstrip antenna. Microwave and Optical Technology Letters, 2004, 40, 296-298.	1.4	3
161	L-strip excited wideband rectangular microstrip antenna. Microwave and Optical Technology Letters, 2004, 42, 173-175.	1.4	3
162	Wideband microstrip antenna using hook-shaped feed. Microwave and Optical Technology Letters, 2005, 44, 169-171.	1.4	3

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163	Transmission properties of microstrip lines loaded with split ring resonators as superstrate. Microwave and Optical Technology Letters, 2006, 48, 2280-2282.	1.4	3
164	An electromagnetically coupled dual-band dual-polarized microstrip antenna for WLAN applications. Microwave and Optical Technology Letters, 2008, 50, 1867-1870.	1.4	3
165	COMPACT BANDPASS FILTER USING FOLDED LOOP RESONATOR WITH HARMONIC SUPPRESSION. Progress in Electromagnetics Research Letters, 2010, 14, 69-78.	0.7	3
166	Complementary split ring resonatorâ€based microstrip antenna for compact wireless applications. Microwave and Optical Technology Letters, 2013, 55, 814-816.	1.4	3
167	METAMATERIAL INSPIRED CPW FED COMPACT LOW-PASS FILTER. Progress in Electromagnetics Research C, 2015, 57, 173-180.	0.9	3
168	A novel algorithm for adaptive NLMS beamformer. International Journal of Wireless and Mobile Computing, 2016, 10, 122.	0.2	3
169	Characteristic mode analysis of harmonic suppressed stepped impedance strip dipole antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22561.	1.2	3
170	Backscattering reduction of corner reflectors using scs technique. Microwave and Optical Technology Letters, 1992, 5, 557-559.	1.4	2
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