

Raghvendra Kumar Chaudhary

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222
ext. papers

2,090
ext. citations

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L-index

#	Paper	IF	Citations
170	Isolation Enhancement and Radar Cross Section Reduction of MIMO Antenna With Frequency Selective Surface. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1595-1600	4.9	55
169	An Investigation on Compact Ultra-Thin Triple Band Polarization Independent Metamaterial Absorber for Microwave Frequency Applications. <i>IEEE Access</i> , 2017 , 5, 4370-4376	3.5	51
168	A Wideband Circularly Polarized Cubic Dielectric Resonator Antenna Excited With Modified Microstrip Feed. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1285-1288	3.8	47
167	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1670-1672	3.8	45
166	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5197-5203	4.9	44
165	Wideband Ring Dielectric Resonator Antenna With Annular-Shaped Microstrip Feed. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 595-598	3.8	40
164	Mu-negative metamaterial filter-based isolation technique for MIMO antennas. <i>Electronics Letters</i> , 2017 , 53, 644-646	1.1	36
163	Metamaterial-based circularly polarised antenna employing ENG-TL with enhanced bandwidth for WLAN applications. <i>Electronics Letters</i> , 2018 , 54, 1152-1154	1.1	31
162	Design and analysis of an ultrathin triple-band polarization independent metamaterial absorber. <i>AEU - International Journal of Electronics and Communications</i> , 2017 , 82, 508-515	2.8	30
161	Analysis of a Wideband Circularly Polarized Cylindrical Dielectric Resonator Antenna With Broadside Radiation Coupled With Simple Microstrip Feeding. <i>IEEE Access</i> , 2017 , 5, 19478-19485	3.5	30
160	Metamaterial-based wideband circularly polarised antenna with rotated V-shaped metasurface for small satellite applications. <i>Electronics Letters</i> , 2019 , 55, 365-366	1.1	24
159	Triple-band metamaterial-inspired antenna using FDTD technique for WLAN/WiMAX applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2015 , 25, 688-695	1.5	24
158	A Miniaturized ZOR antenna with enhanced bandwidth for WiMAX applications. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 71-75	1.2	24
157	CPW-fed electrically small open-ended zeroth order resonating metamaterial antenna with dual-band features for GPS/WiMAX/WLAN applications. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 104, 99-107	2.8	22
156	Design and analysis of polarization independent conformal wideband metamaterial absorber using resistor loaded sector shaped resonators. <i>Journal of Applied Physics</i> , 2019 , 125, 134904	2.5	22
155	Wideband multilayer multi-permittivity half-split cylindrical dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2587-2590	1.2	21
154	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1727-1731	3.8	20

153	Dual-layer and dual-polarized metamaterial inspired antenna using circular-complementary split ring resonator mushroom and metasurface for wireless applications. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 113, 152977	2.8	19
152	Compact Lowpass and Dual-Band Bandpass Filter With Controllable Transmission Zero/Center Frequencies/Passband Bandwidth. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1044-1048	3.5	19
151	Isolation and frequency reconfigurable compact MIMO antenna for wireless local area network applications. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 519-525	1.6	18
150	A compact CPW-based dual-band filter using modified complementary split ring resonator. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 89, 110-115	2.8	18
149	Wideband circularly-polarised high-gain diversity antenna loaded with metasurface reflector for small satellite applications. <i>Electronics Letters</i> , 2019 , 55, 829-831	1.1	18
148	An ultra-thin compact polarization insensitive dual band absorber based on metamaterial for X-band applications. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 2664-2669	1.2	18
147	Compact quad-band polarization independent metamaterial absorber using circular/square metallic ring resonator. <i>Materials Research Express</i> , 2019 , 6, 055812	1.7	18
146	Improvements in Wi-MAX Reception: A New Dual-Mode Wideband Circularly Polarized Dielectric Resonator Antenna. <i>IEEE Antennas and Propagation Magazine</i> , 2019 , 61, 41-49	1.7	18
145	CPW fed miniaturized dual-band short-ended metamaterial antenna using modified split-ring resonator for wireless application. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2017 , 27, e21123	1.5	17
144	Four-Port MIMO Cognitive Radio System for Midband 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5634-5645	4.9	17
143	Design and analysis of an ultrathin X-band polarization-insensitive metamaterial absorber. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2481-2485	1.2	17
142	A COMPACT ZEROth ORDER RESONATING ANTENNA USING COMPLEMENTARY SPLIT RING RESONATOR WITH MUSHROOM TYPE OF STRUCTURE. <i>Progress in Electromagnetics Research Letters</i> , 2012 , 28, 139-148	0.5	17
141	A COMPACT DUAL-MODE METAMATERIAL-INSPIRED ANTENNA USING RECTANGULAR TYPE CSRR. <i>Progress in Electromagnetics Research C</i> , 2015 , 57, 35-42	0.9	16
140	A compact dual band short ended metamaterial antenna with extended bandwidth. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2016 , 26, 435-441	1.5	15
139	Investigation on Different Forms of Circular Sectorized-Dielectric Resonator Antenna for Improvement in Circular Polarization Performance. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5596-5601	4.9	14
138	Flexible metamaterial absorber with wide incident angle insensitivity for conformal applications. <i>Electronics Letters</i> , 2019 , 55, 133-134	1.1	13
137	Circularly polarized bowtie-shaped dielectric resonator antenna excited with asymmetric cross slot. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1723-1727	1.2	13
136	Dual-band metamaterial-inspired antenna for mobile applications. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1444-1447	1.2	13

135	Single split-ring resonator loaded self-decoupled dual-polarized MIMO antenna for mid-band 5G and C-band applications. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 124, 153336 ^{2,8}	13
134	An ultra-thin polarization independent quad-band microwave absorber-based on compact metamaterial structures for EMI/EMC applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2018 , 10, 422-429	0.8 13
133	Polarization controllable and wide-angle frequency tunable metamaterial absorber. <i>Journal of Applied Physics</i> , 2018 , 124, 204901	2.5 13
132	A Compact Planar Metamaterial Triple-Band Antenna with Complementary Closed-Ring Resonator. <i>Wireless Personal Communications</i> , 2016 , 88, 203-210	1.9 12
131	An electrically small sicrr metamaterial-inspired dual-band antenna for WLAN and WiMAX applications. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 573-578	1.2 12
130	Synthesis and microwave characterisation of (Zr _{0.8} Sn _{0.2})TiO ₄ epoxy composite and its application in wideband stacked rectangular dielectric resonator antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2012 , 6, 740	1.6 12
129	Compact D-CRLH resonator for low-pass filter with wide rejection band, high roll-off, and transmission zeros. <i>International Journal of Microwave and Wireless Technologies</i> , 2019 , 11, 509-516	0.8 12
128	The Metamaterial Antenna: A Novel Miniaturized Dual-Band Coplanar Waveguide-Fed Antenna with Backed Ground Plane. <i>IEEE Antennas and Propagation Magazine</i> , 2018 , 60, 41-48	1.7 11
127	A Practical Approach: Design of Wideband Cylindrical Dielectric Resonator Antenna With Permittivity Variation in Axial Direction and its Fabrication Using Microwave Laminates. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2282-2288	1.2 11
126	Triple band omnidirectional miniaturized metamaterial inspired antenna using flipped rectangular stub for LTE, WiMAX, and WLAN applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21721	1.5 10
125	Modified microstrip-line-fed rectangular dielectric resonator antenna coupled with slotted ground plane for wideband circular polarization. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 206-210	1.2 10
124	Integration of MIMO and Cognitive Radio for Sub-6 GHz 5G Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2021-2025	3.8 10
123	A compact CPW-fed wideband metamaterial antenna using E-shaped interdigital capacitor for mobile applications. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2558-2562	1.2 10
122	A compact short-ended zor antenna with gain enhancement using EBG loading. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1194-1197	1.2 10
121	Polarization and incident angle independent metasurface absorber for X-Band application. <i>Materials Research Express</i> , 2019 , 6, 045802	1.7 10
120	Circularly polarized rectangular DRA coupled through orthogonal slot excited with microstrip circular ring feeding structure for Wi-MAX applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21153	1.5 10
119	A COMPACT VIA-LESS METAMATERIAL WIDEBAND BANDPASS FILTER USING SPLIT CIRCULAR RINGS AND RECTANGULAR STUB. <i>Progress in Electromagnetics Research Letters</i> , 2018 , 72, 99-106	0.5 10
118	Asymmetric CPW-fed electrically small metamaterial- inspired wideband antenna for 3.3/3.5/5.5GHz WiMAX and 5.2/5.8GHz WLAN applications. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 119, 153177	2.8 9

117	Investigation of higher order modes excitation through F-shaped slot in rectangular dielectric resonator antenna for wideband circular polarization with broadside radiation characteristics. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21281	1.5	9
116	A wideband circularly polarized dielectric resonator antenna excited with conformal-strip and inverted L-shaped microstrip-feed-line for WLAN/WI-MAX applications. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2525-2531	1.2	9
115	Dual-band L-shaped SIW Slot antenna 2013 ,		9
114	Three-element multilayer multipermittivity cylindrical dielectric resonator antenna for wideband applications with omnidirectional radiation pattern and low cross-polarization. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2011-2016	1.2	9
113	Broadband four-element multi-layer multi-permittivity cylindrical dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 932-937	1.2	9
112	A miniaturized dual-band ZOR antenna using epsilon negative transmission line loading. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1735-1739	0.8	8
111	Wideband circularly polarized rectangular DRA fed with dual pair of right-angled microstrip line. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2016 , 26, 713-723	1.5	8
110	A compact CPW-FED wideband metamaterial antenna with EBG loading. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2632-2636	1.2	8
109	Metamaterial Circularly Polarized Antennas: Integrating an epsilon negative transmission line and single split ring-type resonator. <i>IEEE Antennas and Propagation Magazine</i> , 2020 , 0-0	1.7	8
108	Miniaturised triple-band antenna loaded with complementary concentric closed ring resonators with asymmetric coplanar waveguide-fed based on epsilon negative transmission line. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 2073-2079	1.6	8
107	TRIPLE-BAND COMPOSITE RIGHT/LEFT HANDED BANDPASS FILTER USING A NEW CIRCULAR INTER-DIGITAL CAPACITOR FOR WIRELESS APPLICATIONS. <i>Progress in Electromagnetics Research C</i> , 2017 , 71, 133-140	0.9	7
106	Coplanar waveguide-fed electrically small dual-polarized short-ended zeroth-order resonating antenna using E-shaped capacitor and single-split ring resonator for GPS/WiMAX/WLAN/C-band applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21946	1.5	7
105	Compact novel coaxial fed planar metamaterial antenna 2014 ,		7
104	A new modified CPW-fed wideband circularly polarized half-split cylindrical dielectric resonator antenna with different permittivity of two layers in radial direction. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2017 , 27, e21068	1.5	7
103	A Compact Triple Band Metamaterial Inspired Bandpass Filter Using Inverted S-shape Resonator. <i>Radioengineering</i> , 2018 , 27, 373-378	0.8	7
102	An Edge Tapered Rectangular Patch Antenna with Parasitic Stubs and Slot for Wideband Applications. <i>Wireless Personal Communications</i> , 2016 , 86, 1213-1220	1.9	6
101	Variation of permittivity in radial direction in concentric half-split cylindrical dielectric resonator antenna for wideband application. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2015 , 25, 321-329	1.5	6
100	METAMATERIAL TRI-BAND BANDPASS FILTER USING MEANDER-LINE WITH RECTANGULAR-STUB. <i>Progress in Electromagnetics Research Letters</i> , 2017 , 66, 121-126	0.5	6

99	Polarisation independent dual-band conformal metamaterial absorber for X-band microwave application. <i>Electronics Letters</i> , 2019 , 55, 546-548	1.1	6
98	MULTI-BAND CYLINDRICAL DIELECTRIC RESONATOR ANTENNA USING PERMITTIVITY VARIATION IN AZIMUTH DIRECTION. <i>Progress in Electromagnetics Research C</i> , 2015 , 59, 11-20	0.9	6
97	Compact filtering antenna using asymmetric CPW-fed based CRLH structure. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 126, 153462	2.8	6
96	Polarization independent triple band ultrathin conformal metamaterial absorber for C- and X-frequency bands. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 135, 153752	2.8	6
95	A dual-band dual-polarized cubical DRA coupled with new modified cross-shaped slot for ISM (2.4 GHz) and Wi-MAX (3.3-3.6 GHz) band applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21449	1.5	6
94	A miniaturised directive high gain metamaterial antenna using ELC ground for WiMAX application. <i>International Journal of Electronics Letters</i> , 2019 , 7, 68-76	0.6	6
93	Circularly polarized rectangular dielectric resonator antenna fed with unequal parallel microstrip lines for Wi-MAX applications. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 1182-1188	1.2	5
92	Wideband circularly polarized hybrid dielectric resonator antenna with bi-directional radiation characteristics for various wireless applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21826	1.5	5
91	A compact circularly polarized antenna using CRLH inspired transmission line and coupled ring resonator. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 121, 153238	2.8	5
90	Compact metamaterial inspired structure with bandpass characteristics for penta-band applications using virtual ground concept. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 2628-2634	1.2	5
89	A compact SIW based filtering power divider with improved selectivity using CSRR 2017 ,		5
88	A broadband dumbbell-shaped dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2944-2947	1.2	5
87	IMPROVED SPURIOUS FREE PERFORMANCE OF MULTI-LAYER MULTIPERMITTIVITY DIELECTRIC RESONATOR IN MIC ENVIRONMENT. <i>Progress in Electromagnetics Research B</i> , 2011 , 30, 135-156	0.7	5
86	Bandwidth and gain enhancement of triple-band MIMO antenna incorporating metasurface-based reflector for WLAN/WiMAX applications. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 1493-1503	1.6	5
85	Electrically small circularly polarized antenna using vialess CRLH-TL and fractals for L-band mobile satellite applications. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 1686-1696	1.2	5
84	. <i>IEEE Access</i> , 2020 , 8, 139658-139669	3.5	5
83	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 145-149	3.8	5
82	A Compact Coplanar Waveguide (CPW)-Fed Zeroth-Order Resonant Filter for Bandpass Applications. <i>Frequenz</i> , 2017 , 71,	0.6	4

81	Wideband circularly polarized dielectric resonator antenna coupled with meandered-line inductor for ISM/WLAN applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2017 , 27, e21108	1.5	4
80	A COMPACT CPW FED CRR LOADED FOUR ELEMENT METAMATERIAL ARRAY ANTENNA FOR WIRELESS APPLICATION. <i>Progress in Electromagnetics Research</i> , 2017 , 159, 15-26	3.8	4
79	DESIGN AND DEVELOPMENT OF AN ULTRATHIN TRIPLE BAND MICROWAVE ABSORBER USING MINIATURIZED METAMATERIAL STRUCTURE FOR NEAR-UNITY ABSORPTION CHARACTERISTICS. <i>Progress in Electromagnetics Research C</i> , 2019 , 94, 89-101	0.9	4
78	Dual-band C-shaped circular slot SIW antenna 2017 ,		4
77	COMPACT TRIPLE-BAND METAMATERIAL INSPIRED BANDPASS FILTER WITH CONTROLLABLE TRANSMISSION ZERO POSITION. <i>Progress in Electromagnetics Research M</i> , 2018 , 73, 111-118	0.6	4
76	A compact reconfigurable bandpass/lowpass filter with independent transmission zeros based on generalized NRI metamaterial. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22074	1.5	4
75	High gain dual-band open-ended metamaterial antenna utilizing CRR with broadside radiation characteristics based on left-handed AMC and PEC. <i>Materials Research Express</i> , 2019 , 6, 055811	1.7	4
74	Compact asymmetric cross-shaped rectangular dielectric resonator antenna for wideband circular polarization. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 1863-1873	1.2	3
73	WIDE-ANGLE POLARIZATION INDEPENDENT TRIPLE BAND ABSORBER BASED ON METAMATERIAL STRUCTURE FOR MICROWAVE FREQUENCY APPLICATIONS. <i>Progress in Electromagnetics Research C</i> , 2017 , 76, 119-127	0.9	3
72	Reduced size dual band pass filters for RFID applications with excellent bandpass/bandstop characteristics. <i>Journal of Instrumentation</i> , 2018 , 13, P02005-P02005	1	3
71	Compact ultrathin conformal metamaterial dual-band absorber for curved surfaces. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21929	1.5	3
70	Reducing the RCS of MIMO Antenna using Angularly Stable FSS 2019 ,		3
69	A new dual-mode wideband circularly polarized rectangular dielectric resonator antenna coupled with stubs and asymmetric ground plane for WiMAX applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2017 , 27, e21150	1.5	3
68	UWB ring-shaped metamaterial antenna with modified phi-shaped SRR 2015 ,		3
67	Two-layer embedded half-split cylindrical dielectric resonator antenna for wideband applications 2012 ,		3
66	An investigation on three element multilayer cylindrical dielectric resonator antenna excited by a coaxial probe for wideband applications 2010 ,		3
65	A novel dual-band hexagonal patch antenna coupled with complementary split ring resonator 2012 ,		3
64	COMPACT D-CRLH STRUCTURE FOR FILTERING POWER DIVIDER. <i>Progress in Electromagnetics Research Letters</i> , 2020 , 94, 93-101	0.5	3

63	Design and analysis of multiple input multiple output antenna for wideband applications using cylindrical dielectric resonator. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 131, 153598	2.8	3
62	Miniaturized open-ended dual-band band-pass filter with series stepped capacitance and shunt meandered line inductance for microwave frequency applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2019 , 11, 237-243	0.8	3
61	Dual-band CRLH-TL inspired antenna loaded with metasurface for airborne applications. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 1249-1256	1.2	3
60	Flexible Ultrathin Incident-Angle Insensitive Metamaterial Absorber for Curved Surfaces 2018 ,		3
59	Compact antenna based on SRR using radial stub as virtual ground for wireless applications 2018 ,		3
58	Utilization of a triple hexagonal split ring resonator (SRR) based metamaterial sensor for the improved detection of fuel adulteration. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 24258-24272	2.1	3
57	Dual Arm Patch Antenna for Wideband Applications Using Metamaterial. <i>Wireless Personal Communications</i> , 2016 , 86, 1087-1094	1.9	2
56	A Compact Via-free Composite Right/Left Handed Low-pass Filter with Improved Selectivity. <i>Frequenz</i> , 2017 , 71,	0.6	2
55	A Short-Ended Compact Metastructure Antenna with Interdigital Capacitor and U-shaped Strip. <i>Wireless Personal Communications</i> , 2019 , 108, 2149-2158	1.9	2
54	A Metamaterial Inspired ZOR Antenna Using IDC and Spiral Inductor with Partial Ground Plane for WLAN Application. <i>Wireless Personal Communications</i> , 2019 , 107, 137-147	1.9	2
53	Metamaterial inspired dual-band antenna with modified CSRR and EBG loading 2015 ,		2
52	A broadside circularly polarized semi-cylindrical dielectric resonator antenna excited with unequal pair of vertical microstrip line 2017 ,		2
51	A COMPACT WIDEBAND SHORT-ENDED METAMATERIAL ANTENNA FOR WIRELESS APPLICATIONS. <i>Progress in Electromagnetics Research Letters</i> , 2017 , 66, 93-98	0.5	2
50	A new technique to enhance the impedance bandwidth of CDRA using drilling holes 2016 ,		2
49	2019 ,		2
48	A compact CPW-fed wideband metamaterial-inspired antenna for GSM, WLAN/Wi-Fi, and WiMAX applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 567-571	0.8	2
47	Compact two pole metamaterial bandpass filter using inverted IDC, meander line and rectangular stub for WiMAX application 2017 ,		2
46	A DUMBBELL-SHAPED DUAL-BAND METAMATERIAL ANTENNA USING FDTD TECHNIQUE. <i>Progress in Electromagnetics Research Letters</i> , 2015 , 56, 25-30	0.5	2

45	Investigation on SRR-loaded metamaterial antenna with different feeding methods 2015 ,		2
44	Four element multilayer cylindrical dielectric resonator antenna excited by a coaxial probe for wideband applications 2011 ,		2
43	A new dual C-shaped rectangular dielectric resonator based antenna for wideband circularly polarized radiation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21672	1.5	2
42	Stacked rectangular dielectric resonator antenna with different volumes for wideband circular polarization coupled with step-shaped conformal strip. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21667	1.5	2
41	A coaxial probe fed wideband circularly polarized antenna using unequal and adjacent-slided rectangular dielectric resonators for WLAN applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21210	1.5	2
40	Miniaturized quad-band filter with improved selectivity using split ring resonators and metallic strips. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22809	1.5	2
39	Eight-port Octagonal-shaped Metasurface-based MIMO Antenna with Radar Cross Section Reduction 2021 ,		2
38	A New Bidirectional Wideband Circularly Polarized Cylindrical Dielectric Resonator Antenna using Modified J-shaped Ground Plane for WiMAX/LTE Applications. <i>Radioengineering</i> , 2019 , 27, 391-398	0.8	1
37	INVESTIGATION OF NEW SECTORED HEMISPHERICAL DIELECTRIC RESONATOR ANTENNAS OPERATING AT TM ₁₀₁ AND TE ₁₁₁ MODE FOR CIRCULAR POLARIZATION. <i>Progress in Electromagnetics Research</i> , 2020 , 167, 95-109	3.8	1
36	2016 ,		1
35	Design of double-negative ultrathin metamaterial absorber using array of electric field resonators 2016 ,		1
34	Electrically coupled dual semicylindrical dielectric resonator antenna with inverted arrangement for wideband applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21928	1.5	1
33	Quad-Band Electrically Small Dual-Polarized ZOR Antenna with Improved Bandwidth using Single-Split Ring Resonators and Spiral Slots Enabled with Reflector for GPS/UMTS/WLAN/WiMAX Applications 2019 ,		1
32	Study of a compact dual-band ultrathin polarization independent metamaterial absorber for C- and X-band applications 2017 ,		1
31	Three-element homogeneous layer of cylindrical dielectric resonator antenna for wideband applications 2017 ,		1
30	A wideband circularly polarized cylindrical DRA loaded with SRR and excited with a question shaped microstrip feed line 2017 ,		1
29	Rounded bevel shaped fed cylindrical dielectric resonator antenna for wideband applications. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2364-2368	1.2	1
28	2014 ,		1

27	Hybrid mode splitting in elliptical dielectric resonator. <i>International Journal of Electronics Letters</i> , 2013 , 1, 225-232	0.6	1
26	Wideband cylindrical dielectric resonator antenna excited by a rounded bevel shaped patch 2013 ,		1
25	Compact two pole bandpass filter using symmetrical composite right/left handed transmission line with vias 2010 ,		1
24	Wideband two-layer rectangular dielectric resonator antenna with (Zr _{0.8} Sn _{0.2})TiO ₄ -epoxy composite system 2011 ,		1
23	Pattern-reconfigurable antenna in azimuth plane using SP3T reconfigurable switching network. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 62-68	1.6	1
22	Multilayered and Low-Volume Cavity Resonator Antenna Using Metasurface Reflector and Superstrate for Airborne Application 2021 , 6, 491		1
21	Compact radiator antenna: A new approach to enhance the bandwidth using ENG-TL and C-CSRR mushroom meta-resonator. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 134, 153697	2.8	1
20	Compact Wideband Circularly Polarized Rectangular DRA with Right Angled Conformal Strip Feed 2019 ,		1
19	Reducing the RCS of a MIMO antenna using an angularly stable FSS. <i>URSI Radio Science Bulletin</i> , 2019 , 2019, 42-52	0.1	1
18	2018 ,		1
17	Array Antenna for Indian Deep Space Network 2018 ,		1
16	Polarization-angle insensitive metamaterial absorber for wide incident angles 2018 ,		1
15	A wideband plus shaped split dielectric resonator antenna for wireless applications 2018 ,		1
14	Wideband Circularly Polarized Cavity-backed Dielectric Resonator Antenna with Low RCS for Aerial Vehicle Communications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
13	Resistor loaded wideband conformal metamaterial absorber for curved surfaces application. <i>AEU - International Journal of Electronics and Communications</i> , 2022 , 143, 154033	2.8	0
12	Hybrid wideband dual-cylindrical circularly polarized dielectric resonator antennas excited with S-shaped microstrip feed for sub-6 GHz frequency range. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22054	1.5	0
11	Compact open-ended SIW antenna based on CRLH-TL and U-shaped slots for Ku-band application. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 131, 153595	2.8	0
10	A dual resonator-based polarisation-independent dual-band metamaterial absorber. <i>International Journal of Electronics Letters</i> , 2019 , 7, 338-351	0.6	0

9	Improved Multifunctional MIMO Cognitive Radio System for Integrated Interweave-Underlay Operations. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	o
8	Investigation on Rotated Rectangular Slots to Improve the Circular Polarization in Cylindrical Dielectric Resonator Antenna. <i>IEEE Access</i> , 2021 , 9, 97327-97336	3.5	o
7	Structural investigation of metamaterial unit-cells: development of incident angle insensitive metamaterial absorbers. <i>Materials Research Express</i> , 2019 , 6, 055804	1.7	
6	DESIGN AND ANALYSIS OF A COMPACT AND EXCELLENT OUT OF BAND REJECTION E-CRLH INSPIRED BANDPASS FILTER. <i>Progress in Electromagnetics Research M</i> , 2020 , 90, 117-125	0.6	
5	Compact Multiband Metamaterial Filter. <i>Metamaterials Science and Technology</i> , 2021 , 1-34		
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