

# Raghvendra Kumar Chaudhary

## List of Publications by Year in descending order

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222  
papers

2,567  
citations

218381

26  
h-index

315357

38  
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222  
all docs

222  
docs citations

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times ranked

1270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation Enhancement and Radar Cross Section Reduction of MIMO Antenna With Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2018, 66, 1595-1600.	3.1	95
2	An Investigation on Compact Ultra-Thin Triple Band Polarization Independent Metamaterial Absorber for Microwave Frequency Applications. IEEE Access, 2017, 5, 4370-4376.	2.6	83
3	A Wideband Circularly Polarized Cubic Dielectric Resonator Antenna Excited With Modified Microstrip Feed. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1285-1288.	2.4	73
4	A Compact Zeroth-Order Resonating Wideband Antenna With Dual-Band Characteristics. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1670-1672.	2.4	67
5	Wideband Ring Dielectric Resonator Antenna With Annular-Shaped Microstrip Feed. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 595-598.	2.4	64
6	Design and analysis of polarization independent conformal wideband metamaterial absorber using resistor loaded sector shaped resonators. Journal of Applied Physics, 2019, 125, .	1.1	62
7	Mu-negative metamaterial filter-based isolation technique for MIMO antennas. Electronics Letters, 2017, 53, 644-646.	0.5	59
8	Epsilon Negative CPW-Fed Zeroth-Order Resonating Antenna With Backed Ground Plane for Extended Bandwidth and Miniaturization. IEEE Transactions on Antennas and Propagation, 2015, 63, 5197-5203.	3.1	54
9	Four-Port MIMO Cognitive Radio System for Midband 5G Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 5634-5645.	3.1	50
10	Metamaterial-based circularly polarised antenna employing ENG-ETL with enhanced bandwidth for WLAN applications. Electronics Letters, 2018, 54, 1152-1154.	0.5	47
11	Design and analysis of an ultrathin triple-band polarization independent metamaterial absorber. AEU - International Journal of Electronics and Communications, 2017, 82, 508-515.	1.7	44
12	Metamaterial-based wideband circularly polarised antenna with rotated V-shaped metasurface for small satellite applications. Electronics Letters, 2019, 55, 365-366.	0.5	43
13	Analysis of a Wideband Circularly Polarized Cylindrical Dielectric Resonator Antenna With Broadside Radiation Coupled With Simple Microstrip Feeding. IEEE Access, 2017, 5, 19478-19485.	2.6	41
14	A Miniaturized ZOR antenna with enhanced bandwidth for WiMAX applications. Microwave and Optical Technology Letters, 2016, 58, 71-75.	0.9	39
15	Integration of MIMO and Cognitive Radio for Sub-6GHz 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2021-2025.	2.4	37
16	Metamaterial Circularly Polarized Antennas: Integrating an epsilon negative transmission line and single split ring-type resonator. IEEE Antennas and Propagation Magazine, 2021, 63, 60-77.	1.2	32
17	Single split-ring resonator loaded self-decoupled dual-polarized MIMO antenna for mid-band 5G and C-band applications. AEU - International Journal of Electronics and Communications, 2020, 124, 153336.	1.7	32
18	Triple-band metamaterial-inspired antenna using FDTD technique for WLAN/WiMAX applications. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 688-695.	0.8	30

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19	An Approach to Generate Circular Polarization in a Modified Cylindrical-Shaped Dielectric Resonator Antenna Using PMC Boundary Approximation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1727-1731.	2.4	30
20	CPW-fed electrically small open-ended zeroth order resonating metamaterial antenna with dual-band features for GPS/WiMAX/WLAN applications. AEU - International Journal of Electronics and Communications, 2019, 104, 99-107.	1.7	30
21	Isolation and frequency reconfigurable compact MIMO antenna for wireless local area network applications. IET Microwaves, Antennas and Propagation, 2019, 13, 519-525.	0.7	30
22	Improvements in Wi-MAX Reception: A New Dual-Mode Wideband Circularly Polarized Dielectric Resonator Antenna. IEEE Antennas and Propagation Magazine, 2019, 61, 41-49.	1.2	30
23	Compact quad-band polarization independent metamaterial absorber using circular/square metallic ring resonator. Materials Research Express, 2019, 6, 055812.	0.8	29
24	A compact CPW-based dual-band filter using modified complementary split ring resonator. AEU - International Journal of Electronics and Communications, 2018, 89, 110-115.	1.7	28
25	Wideband circularly polarized high gain diversity antenna loaded with metasurface reflector for small satellite applications. Electronics Letters, 2019, 55, 829-831.	0.5	28
26	Compact Lowpass and Dual-Band Bandpass Filter With Controllable Transmission Zero/Center Frequencies/Passband Bandwidth. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1044-1048.	2.2	28
27	Dual-layer and dual-polarized metamaterial inspired antenna using circular-complementary split ring resonator mushroom and metasurface for wireless applications. AEU - International Journal of Electronics and Communications, 2020, 113, 152977.	1.7	27
28	Design and analysis of an ultrathin $\epsilon$ -band polarization insensitive metamaterial absorber. Microwave and Optical Technology Letters, 2016, 58, 2481-2485.	0.9	25
29	Flexible metamaterial absorber with wide incident angle insensitivity for conformal applications. Electronics Letters, 2019, 55, 133-134.	0.5	25
30	A COMPACT ZEROTH ORDER RESONATING ANTENNA USING COMPLEMENTARY SPLIT RING RESONATOR WITH MUSHROOM TYPE OF STRUCTURE. Progress in Electromagnetics Research Letters, 2012, 28, 139-148.	0.4	24
31	Dual-band L-shaped SIW Slot antenna. , 2013, , .		24
32	An ultra-thin polarization independent quad-band microwave absorber-based on compact metamaterial structures for EMI/EMC applications. International Journal of Microwave and Wireless Technologies, 2018, 10, 422-429.	1.5	24
33	Investigation on Different Forms of Circular Sectorized-Dielectric Resonator Antenna for Improvement in Circular Polarization Performance. IEEE Transactions on Antennas and Propagation, 2018, 66, 5596-5601.	3.1	23
34	A COMPACT DUAL-MODE METAMATERIAL-INSPIRED ANTENNA USING RECTANGULAR TYPE CSRR. Progress in Electromagnetics Research C, 2015, 57, 35-42.	0.6	22
35	Dual-band metamaterial-inspired antenna for mobile applications. Microwave and Optical Technology Letters, 2015, 57, 1444-1447.	0.9	22
36	Modified microstrip-line-fed rectangular dielectric resonator antenna coupled with slotted ground plane for wideband circular polarization. Microwave and Optical Technology Letters, 2016, 58, 206-210.	0.9	22

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37	ultra-thin compact polarization insensitive dual band absorber based on metamaterial for X-band applications. Microwave and Optical Technology Letters, 2017, 59, 2664-2669.	0.9	22
38	Polarization controllable and wide-angle frequency tunable metamaterial absorber. Journal of Applied Physics, 2018, 124, .	1.1	22
39	Asymmetric CPW-fed electrically small metamaterial-inspired wideband antenna for 3.3/3.5/5.5 GHz WiMAX and 5.2/5.8 GHz WLAN applications. AEU - International Journal of Electronics and Communications, 2020, 119, 153177.	1.7	22
40	Polarization independent triple band ultrathin conformal metamaterial absorber for C- and X-frequency bands. AEU - International Journal of Electronics and Communications, 2021, 135, 153752.	1.7	22
41	Bandwidth and gain enhancement of triple-band MIMO antenna incorporating metasurface-based reflector for WLAN/WiMAX applications. IET Microwaves, Antennas and Propagation, 2020, 14, 1493-1503.	0.7	22
42	Wideband multilayer multi-permittivity half-split cylindrical dielectric resonator antenna. Microwave and Optical Technology Letters, 2012, 54, 2587-2590.	0.9	21
43	CPW fed miniaturized dual-band short-ended metamaterial antenna using modified split-ring resonator for wireless application. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21123.	0.8	21
44	Polarisation independent dual-band conformal metamaterial absorber for X-band microwave application. Electronics Letters, 2019, 55, 546-548.	0.5	21
45	A compact CPW-fed wideband metamaterial antenna using I-shaped interdigital capacitor for mobile applications. Microwave and Optical Technology Letters, 2015, 57, 2558-2562.	0.9	20
46	Polarization and incident angle independent metasurface absorber for X-Band application. Materials Research Express, 2019, 6, 045802.	0.8	20
47	Circularly polarized bowtie-shaped dielectric resonator antenna excited with asymmetric cross slot. Microwave and Optical Technology Letters, 2015, 57, 1723-1727.	0.9	19
48	A compact dual band short ended metamaterial antenna with extended bandwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 435-441.	0.8	19
49	Triple band omnidirectional miniaturized metamaterial inspired antenna using flipped rectangular stub for LTE, WiMAX, and WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21721.	0.8	18
50	A Compact Multilayer Triple-Band Circularly Polarized Antenna Using Anisotropic Polarization Converter. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 145-149.	2.4	17
51	A Practical Approach: Design of Wideband Cylindrical Dielectric Resonator Antenna With Permittivity Variation in Axial Direction and its Fabrication Using Microwave Laminates. Microwave and Optical Technology Letters, 2013, 55, 2282-2288.	0.9	16
52	A Compact Planar Metamaterial Triple-Band Antenna with Complementary Closed-Ring Resonator. Wireless Personal Communications, 2016, 88, 203-210.	1.8	16
53	An electrically small sicrr metamaterial-inspired dual-band antenna for WLAN and WiMAX applications. Microwave and Optical Technology Letters, 2017, 59, 573-578.	0.9	16
54	A new modified CPW-fed wideband circularly polarized half-split cylindrical dielectric resonator antenna with different permittivity of two layers in radial direction. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21068.	0.8	16

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55	Investigation of higher order modes excitation through F-shaped slot in rectangular dielectric resonator antenna for wideband circular polarization with broadside radiation characteristics. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21281.	0.8	16
56	A COMPACT VIA-LESS METAMATERIAL WIDEBAND BANDPASS FILTER USING SPLIT CIRCULAR RINGS AND RECTANGULAR STUB. Progress in Electromagnetics Research Letters, 2018, 72, 99-106.	0.4	16
57	The Metamaterial Antenna: A Novel Miniaturized Dual-Band Coplanar Waveguide-Fed Antenna with Backed Ground Plane. IEEE Antennas and Propagation Magazine, 2018, 60, 41-48.	1.2	15
58	Compact D-CRLH resonator for low-pass filter with wide rejection band, high roll-off, and transmission zeros. International Journal of Microwave and Wireless Technologies, 2019, 11, 509-516.	1.5	15
59	An Ultra-Wideband Rectangular Dielectric Resonator Antenna With MIMO Configuration. IEEE Access, 2020, 8, 139658-139669.	2.6	15
60	A miniaturized dual-band ZOR antenna using epsilon negative transmission line loading. International Journal of Microwave and Wireless Technologies, 2017, 9, 1735-1739.	1.5	14
61	Dual-band C-shaped circular slot SIW antenna. , 2017, , .		14
62	Coplanar waveguide-fed electrically small dual-polarized short-ended zeroth-order resonating antenna using C-shaped capacitor and single-split ring resonator for GPS/WiMAX/WLAN/C-band applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21946.	0.8	14
63	Utilization of a triple hexagonal split ring resonator (SRR) based metamaterial sensor for the improved detection of fuel adulteration. Journal of Materials Science: Materials in Electronics, 2021, 32, 24258-24272.	1.1	14
64	Synthesis and microwave characterisation of (Zr <sub>0.8</sub> Sn <sub>0.2</sub> )TiO <sub>4</sub> -epoxy composite and its application in wideband stacked rectangular dielectric resonator antenna. IET Microwaves, Antennas and Propagation, 2012, 6, 740.	0.7	13
65	A compact short-ended zor antenna with gain enhancement using EBG loading. Microwave and Optical Technology Letters, 2016, 58, 1194-1197.	0.9	13
66	A wideband circularly polarized dielectric resonator antenna excited with conformal-strip and inverted L-shaped microstrip-feed-line for WLAN/WiMAX applications. Microwave and Optical Technology Letters, 2016, 58, 2525-2531.	0.9	13
67	Miniaturised triple-band antenna loaded with complementary concentric closed ring resonators with asymmetric coplanar waveguide-fed based on epsilon negative transmission line. IET Microwaves, Antennas and Propagation, 2018, 12, 2073-2079.	0.7	13
68	Wideband circularly polarized hybrid dielectric resonator antenna with bi-directional radiation characteristics for various wireless applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21826.	0.8	13
69	Three-element multilayer multipermittivity cylindrical dielectric resonator antenna for wideband applications with omnidirectional radiation pattern and low cross-polarization. Microwave and Optical Technology Letters, 2012, 54, 2011-2016.	0.9	12
70	Broadband four-element multi-layer multi-permittivity cylindrical dielectric resonator antenna. Microwave and Optical Technology Letters, 2013, 55, 932-937.	0.9	11
71	A compact <sc>CPW-FED</sc> wideband metamaterial antenna with EBG loading. Microwave and Optical Technology Letters, 2015, 57, 2632-2636.	0.9	11
72	An Edge Tapered Rectangular Patch Antenna with Parasitic Stubs and Slot for Wideband Applications. Wireless Personal Communications, 2016, 86, 1213-1220.	1.8	11

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73	A compact SIW based filtering power divider with improved selectivity using CSRR. , 2017, , .		11
74	METAMATERIAL TRI-BAND BANDPASS FILTER USING MEANDER-LINE WITH RECTANGULAR-STUB. Progress in Electromagnetics Research Letters, 2017, 66, 121-126.	0.4	11
75	Circularly polarized rectangular DRA coupled through orthogonal slot excited with microstrip circular ring feeding structure for Wi-MAX applications. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21153.	0.8	11
76	Compact ultrathin conformal metamaterial dual-band absorber for curved surfaces. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21929.	0.8	11
77	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. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21449.	0.8	11
78	Electrically small circularly polarized antenna using vialess CRLH-CTL and fractals for L-band mobile satellite applications. Microwave and Optical Technology Letters, 2020, 62, 1686-1696.	0.9	11
79	Compact filtering antenna using asymmetric CPW-fed based CRLH structure. AEU - International Journal of Electronics and Communications, 2020, 126, 153462.	1.7	11
80	A compact circularly polarized antenna using CRLH inspired transmission line and coupled ring resonator. AEU - International Journal of Electronics and Communications, 2020, 121, 153238.	1.7	11
81	Improved Multifunctional MIMO Cognitive Radio System for Integrated Interweave-Underlay Operations. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 631-640.	2.9	11
82	Wideband Circularly Polarized Cavity-Backed Dielectric Resonator Antenna With Low RCS for Aerial Vehicle Communications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1418-1422.	2.4	11
83	Compact novel coaxial fed planar metamaterial antenna. , 2014, , .		10
84	Variation of permittivity in radial direction in concentric half-split cylindrical dielectric resonator antenna for wideband application. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 321-329.	0.8	10
85	MULTI-BAND CYLINDRICAL DIELECTRIC RESONATOR ANTENNA USING PERMITTIVITY VARIATION IN AZIMUTH DIRECTION. Progress in Electromagnetics Research C, 2015, 59, 11-20.	0.6	9
86	Wideband circularly polarized dielectric resonator antenna coupled with meandered-line inductor for ISM/WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21108.	0.8	9
87	A COMPACT CPW FED CRR LOADED FOUR ELEMENT METAMATERIAL ARRAY ANTENNA FOR WIRELESS APPLICATION. Progress in Electromagnetics Research, 2017, 159, 15-26.	1.6	9
88	TRIPLE-BAND COMPOSITE RIGHT/LEFT HANDED BANDPASS FILTER USING A NEW CIRCULAR INTER-DIGITAL CAPACITOR FOR WIRELESS APPLICATIONS. Progress in Electromagnetics Research C, 2017, 71, 133-140.	0.6	9
89	Two-Port MIMO Wide-Band Antenna With Two-Port MIMO Reconfigurable Antenna for Cognitive Radio Platforms. , 2018, , .		9
90	COMPACT D-CRLH STRUCTURE FOR FILTERING POWER DIVIDER. Progress in Electromagnetics Research Letters, 2020, 94, 93-101.	0.4	9

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91	Miniaturized $\epsilon$ -band filter with improved selectivity using split ring resonators and metallic strips. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22809.	0.8	9
92	A Compact Triple Band Metamaterial Inspired Bandpass Filter Using Inverted S-shape Resonator. Radioengineering, 2018, 27, 373-378.	0.3	9
93	Resistor loaded wideband conformal metamaterial absorber for curved surfaces application. AEU - International Journal of Electronics and Communications, 2022, 143, 154033.	1.7	9
94	Wideband circularly polarized rectangular DRA fed with dual pair of right-angled microstrip line. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 713-723.	0.8	8
95	High gain dual-band open-ended metamaterial antenna utilizing CRR with broadside radiation characteristics based on left-handed AMC and PEC. Materials Research Express, 2019, 6, 055811.	0.8	8
96	Stacked rectangular dielectric resonator antenna with different volumes for wideband circular polarization coupled with step-shaped conformal strip. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21667.	0.8	8
97	An investigation on three element multilayer cylindrical dielectric resonator antenna excited by a coaxial probe for wideband applications. , 2010, , .		7
98	Four element multilayer cylindrical dielectric resonator antenna excited by a coaxial probe for wideband applications. , 2011, , .		7
99	A broadband dumbbell-shaped dielectric resonator antenna. Microwave and Optical Technology Letters, 2014, 56, 2944-2947.	0.9	7
100	A Compact Coplanar Waveguide (CPW)-Fed Zeroth-Order Resonant Filter for Bandpass Applications. Frequenz, 2017, 71, .	0.6	7
101	A coaxial probe fed wideband circularly polarized antenna using unequal and adjacent-slided rectangular dielectric resonators for WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21210.	0.8	7
102	DESIGN AND DEVELOPMENT OF AN ULTRATHIN TRIPLE BAND MICROWAVE ABSORBER USING MINIATURIZED METAMATERIAL STRUCTURE FOR NEAR-UNITY ABSORPTION CHARACTERISTICS. Progress in Electromagnetics Research C, 2019, 94, 89-101.	0.6	7
103	Compact metamaterial inspired structure with bandpass characteristics for penta-band applications using virtual ground concept. Microwave and Optical Technology Letters, 2019, 61, 2628-2634.	0.9	7
104	Compact asymmetric cross-shaped rectangular dielectric resonator antenna for wideband circular polarization. Microwave and Optical Technology Letters, 2019, 61, 1863-1873.	0.9	7
105	A new dual C-shaped rectangular dielectric resonator based antenna for wideband circularly polarized radiation. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21672.	0.8	7
106	A miniaturised directive high gain metamaterial antenna using ELC ground for WiMAX application. International Journal of Electronics Letters, 2019, 7, 68-76.	0.7	7
107	A novel dual-band hexagonal patch antenna coupled with complementary split ring resonator. , 2012, , .		6
108	Circularly polarized rectangular dielectric resonator antenna fed with unequal parallel microstrip lines for WiMAX applications. Microwave and Optical Technology Letters, 2017, 59, 1182-1188.	0.9	6



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109	A new dual-mode wideband circularly polarized rectangular dielectric resonator antenna coupled with stubs and asymmetric ground plane for WiMAX applications. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21150.	0.8	6
110	Compact open-ended SIW antenna based on CRLH-TL and U-shaped slots for Ku-band application. AEU - International Journal of Electronics and Communications, 2021, 131, 153595.	1.7	6
111	An Aperture-Coupled Stepped Dielectric Resonator UWB MIMO Antenna With AMC. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 2040-2044.	2.4	6
112	Compact two pole bandpass filter using symmetrical composite right/left handed transmission line with vias. , 2010, , .		5
113	IMPROVED SPURIOUS FREE PERFORMANCE OF MULTI-LAYER MULTIPERMITTIVITY DIELECTRIC RESONATOR IN MIC ENVIRONMENT. Progress in Electromagnetics Research B, 2011, 30, 135-156.	0.7	5
114	Investigation on SRR-loaded metamaterial antenna with different feeding methods. , 2015, , .		5
115	UWB ring-shaped metamaterial antenna with modified phi-shaped SRR. , 2015, , .		5
116	WIDE-ANGLE POLARIZATION INDEPENDENT TRIPLE BAND ABSORBER BASED ON METAMATERIAL STRUCTURE FOR MICROWAVE FREQUENCY APPLICATIONS. Progress in Electromagnetics Research C, 2017, 76, 119-127.	0.6	5
117	A New Bidirectional Wideband Circularly Polarized Cylindrical Dielectric Resonator Antenna using Modified J-shaped Ground Plane for WiMAX/LTE Applications. Radioengineering, 2019, 27, 391-398.	0.3	5
118	A Short-Ended Compact Metastructure Antenna with Interdigital Capacitor and U-shaped Strip. Wireless Personal Communications, 2019, 108, 2149-2158.	1.8	5
119	A Metamaterial Inspired ZOR Antenna Using IDC and Spiral Inductor with Partial Ground Plane for WLAN Application. Wireless Personal Communications, 2019, 107, 137-147.	1.8	5
120	A compact reconfigurable bandpass/lowpass filter with independent transmission zeros based on generalized NRI metamaterial. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22074.	0.8	5
121	INVESTIGATION OF NEW SECTORED HEMISPHERICAL DIELECTRIC RESONATOR ANTENNAS OPERATING AT $TM_{101}$ AND $TE_{111}$ MODE FOR CIRCULAR POLARIZATION. Progress in Electromagnetics Research, 2020, 167, 95-109.	1.6	5
122	Dual-band CRLH-TL inspired antenna loaded with metasurface for airborne applications. Microwave and Optical Technology Letters, 2021, 63, 1249-1256.	0.9	5
123	Design and analysis of multiple input multiple output antenna for wideband applications using cylindrical dielectric resonator. AEU - International Journal of Electronics and Communications, 2021, 131, 153598.	1.7	5
124	Pattern-reconfigurable antenna in azimuth plane using SP3T reconfigurable switching network. IET Microwaves, Antennas and Propagation, 2021, 15, 62-68.	0.7	5
125	Two-layer embedded half-split cylindrical dielectric resonator antenna for wideband applications. , 2012, , .		4
126	Compact CPW-fed CHSSR antenna for WLAN. , 2014, , .		4



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127	Vialess wideband bandpass filter using CRLH transmission line with semi-circular stub. , 2015, , .		4
128	A compact CPW-fed metamaterial antenna for high efficiency and wideband applications. , 2015, , .		4
129	Dual Arm Patch Antenna for Wideband Applications Using Metamaterial. Wireless Personal Communications, 2016, 86, 1087-1094.	1.8	4
130	A compact CPW-fed dual-band open-ended ZOR antenna based on CRLH TL for wireless applications. , 2017, , .		4
131	Flexible Ultrathin Incident-Angle Insensitive Metamaterial Absorber for Curved Surfaces. , 2018, , .		4
132	A Compact Low Profile Modified ACS-fed Triple Band Open-Ended Metamaterial Antenna for UMTS, WLAN, and WiMAX Applications. , 2019, , .		4
133	Multilayered and Low-Volume Cavity Resonator Antenna Using Metasurface Reflector and Superstrate for Airborne Application. , 2021, 6, 491.		4
134	Compact radiator antenna: A new approach to enhance the bandwidth using ENG-TL and C-CSRR mushroom meta-resonator. AEU - International Journal of Electronics and Communications, 2021, 134, 153697.	1.7	4
135	Investigation on Rotated Rectangular Slots to Improve the Circular Polarization in Cylindrical Dielectric Resonator Antenna. IEEE Access, 2021, 9, 97327-97336.	2.6	4
136	COMPACT TRIPLE-BAND METAMATERIAL INSPIRED BANDPASS FILTER WITH CONTROLLABLE TRANSMISSION ZERO POSITION. Progress in Electromagnetics Research M, 2018, 73, 111-118.	0.5	4
137	Eight-port Octagonal-shaped Metasurface-based MIMO Antenna with Radar Cross Section Reduction. , 2021, , .		4
138	Rounded bevel shaped fed cylindrical dielectric resonator antenna for wideband applications. Microwave and Optical Technology Letters, 2015, 57, 2364-2368.	0.9	3
139	A DUMBBELL-SHAPED DUAL-BAND METAMATERIAL ANTENNA USING FDTD TECHNIQUE. Progress in Electromagnetics Research Letters, 2015, 56, 25-30.	0.4	3
140	Frequency reconfigurable mobile antenna with multi-band characteristics based on metamaterials. , 2015, , .		3
141	A new technique to enhance the impedance bandwidth of CDRA using drilling holes. , 2016, , .		3
142	Design of double-negative ultrathin metamaterial absorber using array of electric field resonators. , 2016, , .		3
143	A compact CPW-fed wideband metamaterial-inspired antenna for GSM, WLAN/Wi-Fi, and WiMAX applications. International Journal of Microwave and Wireless Technologies, 2017, 9, 567-571.	1.5	3
144	A compact triple band dual polarized metamaterial antenna loaded with double hexagonal SRR for WLAN/WiMAX applications. , 2017, , .		3

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145	Reduced size dual band pass filters for RFID applications with excellent bandpass/bandstop characteristics. Journal of Instrumentation, 2018, 13, P02005-P02005.	0.5	3
146	A Compact Dual-Band and Dual-Polarized Open-Ended ZOR Antenna with AMC Ground Plane for 4G-LTE/WLAN/WiMAX Applications. , 2018, , .		3
147	Polarization Independent Conformal Metamaterial Absorber using Modified Resonators for Dual Band Applications. , 2018, , .		3
148	Compact antenna based on SRR using radial stub as virtual ground for wireless applications. , 2018, , .		3
149	Compact metamaterial inspired dual-band bandpass filter using parallel coupled line and circular shaped stub. , 2018, , .		3
150	Electrically coupled dual semicylindrical dielectric resonator antenna with inverted arrangement for wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21928.	0.8	3
151	Reducing the RCS of MIMO Antenna using Angularly Stable FSS. , 2019, , .		3
152	A dual resonator-based polarisation-independent dual-band metamaterial absorber. International Journal of Electronics Letters, 2019, 7, 338-351.	0.7	3
153	Miniaturized open-ended dual-band band-pass filter with series stepped capacitance and shunt meandered line inductance for microwave frequency applications. International Journal of Microwave and Wireless Technologies, 2019, 11, 237-243.	1.5	3
154	A reconfigurable active microstrip antenna for agile switching: Pattern, beamwidth, and multibeam. AEU - International Journal of Electronics and Communications, 2022, 149, 154181.	1.7	3
155	Wideband cylindrical dielectric resonator antenna excited by a rounded bevel shaped patch. , 2013, , .		2
156	A wideband circularly polarized slotted rectangular dielectric resonator antenna excited with a cross-slot. , 2015, , .		2
157	A compact CPW-Fed metamaterial antenna for WLAN/ Wi-Fi applications. , 2015, , .		2
158	Metamaterial inspired dual-band antenna with modified CSRR and EBG loading. , 2015, , .		2
159	A Compact Pentagonal Ring CPW-Fed Zeroth Order Resonating Antenna with Gain Enhancement. Frequenz, 2017, 71, .	0.6	2
160	A Compact Via-free Composite Right/Left Handed Low-pass Filter with Improved Selectivity. Frequenz, 2017, 71, .	0.6	2
161	Compact two pole metamaterial bandpass filter using inverted IDC, meander line and rectangular stub for WiMAX application. , 2017, , .		2
162	Study of a compact dual-band ultrathin polarization independent metamaterial absorber for C- and X-band applications. , 2017, , .		2

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