

Binod K Kanaujia

List of Publications by Year in descending order

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360
papers

4,815
citations

126907

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189892

50
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364
all docs

364
docs citations

364
times ranked

2196
citing authors

#	ARTICLE	IF	CITATIONS
1	Defected Ground Structure: Fundamentals, Analysis, and Applications in Modern Wireless Trends. International Journal of Antennas and Propagation, 2017, 2017, 1-22.	1.2	258
2	A CPW-Fed Compact UWB Microstrip Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 151-154.	4.0	189
3	Design of Compact F-Shaped Slot Triple-Band Antenna for WLAN/WiMAX Applications. IEEE Transactions on Antennas and Propagation, 2016, 64, 1101-1105.	5.1	104
4	Triple band notched mushroom and uniplanar EBG structures based UWB MIMO/Diversity antenna with enhanced wide band isolation. AEU - International Journal of Electronics and Communications, 2018, 90, 36-44.	2.9	99
5	Design of Koch Fractal Circularly Polarized Antenna for Handheld UHF RFID Reader Applications. IEEE Transactions on Antennas and Propagation, 2016, 64, 771-775.	5.1	95
6	Neutralization technique based two and four port high isolation MIMO antennas for UWB communication. AEU - International Journal of Electronics and Communications, 2019, 110, 152828.	2.9	81
7	MIMO antenna with built-in circular shaped isolator for sub-6GHz 5G applications. Electronics Letters, 2018, 54, 478-480.	1.0	76
8	Mutual coupling reduction between elements of UWB MIMO antenna using small size uniplanar EBG exhibiting multiple stop bands. AEU - International Journal of Electronics and Communications, 2018, 93, 32-38.	2.9	75
9	Analysis and design of dual band compact stacked Microstrip patch antenna with defected ground structure for WLAN/WiMax applications. AEU - International Journal of Electronics and Communications, 2015, 69, 39-47.	2.9	65
10	A CPW-fed UWB MIMO antenna with integrated GSM band and dual band notches. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21433.	1.2	65
11	Analysis and design of wide band Microstrip-line-fed antenna with defected ground structure for Ku band applications. AEU - International Journal of Electronics and Communications, 2014, 68, 951-957.	2.9	60
12	A wideband antenna with defected ground plane for WLAN/WiMAX applications. AEU - International Journal of Electronics and Communications, 2016, 70, 354-358.	2.9	60
13	Circularly Polarized Arrowhead-Shape Slotted Microstrip Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 471-474.	4.0	59
14	An ultra-compact two-port UWB-MIMO antenna with dual band-notched characteristics. AEU - International Journal of Electronics and Communications, 2020, 114, 152997.	2.9	56
15	A Compact Dual-Polarized MIMO Antenna With Distinct Diversity Performance for UWB Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3096-3099.	4.0	55
16	TRIPLE BAND NOTCHED UWB ANTENNA DESIGN USING ELECTROMAGNETIC BAND GAP STRUCTURES. Progress in Electromagnetics Research C, 2016, 66, 139-147.	0.9	54
17	A dual polarized multiband rectenna for RF energy harvesting. AEU - International Journal of Electronics and Communications, 2018, 93, 123-131.	2.9	51
18	A novel ITI-shaped isolation structure placed between two-port CPW-fed dual-band MIMO antenna for high isolation. AEU - International Journal of Electronics and Communications, 2019, 104, 35-43.	2.9	50

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19	Wideband Circularly Polarized Textile MIMO Antenna for Wearable Applications. IEEE Access, 2021, 9, 108601-108613.	4.2	50
20	A novel dual-band asymmetric slit with defected ground structure microstrip antenna for Circular Polarization operation. Microwave and Optical Technology Letters, 2013, 55, 1198-1201.	1.4	45
21	A compact UWB MIMO antenna with neutralization line for WLAN/ISM/mobile applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21907.	1.2	43
22	10 Element Sub-6-GHz Multi-Band Double-T Based MIMO Antenna System for 5G Smartphones. IEEE Access, 2021, 9, 118662-118672.	4.2	43
23	A compact microstrip fed dual polarised multiband antenna for IEEE 802.11 a/b/g/n/ac/ax applications. AEU - International Journal of Electronics and Communications, 2017, 72, 95-103.	2.9	41
24	Compact four-port MIMO antenna on slotted edge substrate with dual-band rejection characteristics. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21756.	1.2	40
25	A compact modified sierpinski carpet fractal UWB MIMO antenna with square-shaped funnel-like ground stub. AEU - International Journal of Electronics and Communications, 2020, 117, 153126.	2.9	40
26	A CPW-fed hexagonal shape monopole like UWB antenna. Microwave and Optical Technology Letters, 2013, 55, 2582-2587.	1.4	39
27	Band notched UWB circular monopole antenna with inductance enhanced modified mushroom EBG structures. Wireless Networks, 2018, 24, 383-393.	3.0	39
28	A novel compact self-similar fractal UWB MIMO antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21632.	1.2	39
29	A modified microstrip line fed compact UWB antenna for WiMAX/ISM/WLAN and wireless communications. AEU - International Journal of Electronics and Communications, 2019, 104, 58-65.	2.9	38
30	Planar Four-Port Dual Circularly-Polarized MIMO Antenna for Sub-6 GHz Band. IEEE Access, 2020, 8, 90779-90791.	4.2	38
31	Ultra-Miniature Circularly Polarized CPW-Fed Implantable Antenna Design and its Validation for Biotelemetry Applications. Scientific Reports, 2020, 10, 6795.	3.3	38
32	Quadrilateral Spatial Diversity Circularly Polarized MIMO Cubic Implantable Antenna System for Biotelemetry. IEEE Transactions on Antennas and Propagation, 2021, 69, 1260-1272.	5.1	38
33	A compact square microstrip antenna for circular polarization. Microwave and Optical Technology Letters, 2012, 54, 897-900.	1.4	36
34	High Isolation Compact Four-Port MIMO Antenna Loaded with CSRR for Multiband Applications. Frequenz, 2018, 72, 415-427.	0.9	34
35	Compact quasi-elliptical-self-complementary four-port super-wideband MIMO antenna with dual band elimination characteristics. AEU - International Journal of Electronics and Communications, 2020, 114, 153001.	2.9	34
36	Stacked dual-band circularly polarized microstrip antenna with small frequency ratio. Microwave and Optical Technology Letters, 2014, 56, 1933-1937.	1.4	33

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37	Design of band-notched antenna with DG-CEBG. International Journal of Electronics, 2018, 105, 58-72.	1.4	33
38	Experimental Investigation of the Breast Phantom for Tumor Detection Using Ultra-Wide Band MIMO Antenna Sensor (UMAS) Probe. IEEE Sensors Journal, 2020, 20, 6745-6752.	4.7	32
39	Resonant characteristics of aperture type FSS and its application in directivity improvement of microstrip antenna. AEU - International Journal of Electronics and Communications, 2017, 79, 199-206.	2.9	29
40	DESIGN OF TRIPLE-BAND MIMO ANTENNA WITH ONE BAND-NOTCHED CHARACTERISTIC. Progress in Electromagnetics Research C, 2018, 86, 41-53.	0.9	29
41	Single-feed cross-slot loaded compact circularly polarized microstrip antenna for indoor WLAN applications. Microwave and Optical Technology Letters, 2014, 56, 1313-1317.	1.4	28
42	RCS reduction and gain enhancement of SRR inspired circularly polarized slot antenna using metasurface. AEU - International Journal of Electronics and Communications, 2018, 91, 132-142.	2.9	28
43	Multiband integrated wideband antenna for bluetooth/WLAN applications. AEU - International Journal of Electronics and Communications, 2018, 89, 77-84.	2.9	26
44	A Novel Dual-Band Branch Line Coupler for Dual-Band Butler Matrix. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1987-1991.	3.0	26
45	Inverted L-slot triple-band antenna with defected ground structure for WLAN and WiMAX applications. International Journal of Microwave and Wireless Technologies, 2017, 9, 191-196.	1.9	25
46	Theoretical Analysis and Design of High-Stable-Gain Antenna with Ultrawide Band Capabilities and Suppressed Back Radiations. Wireless Personal Communications, 2020, 112, 1-19.	2.7	25
47	Compact eight-port MIMO/diversity antenna with band rejection characteristics. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22170.	1.2	25
48	An M-shaped monopole-like slot UWB antenna. Microwave and Optical Technology Letters, 2014, 56, 127-131.	1.4	24
49	Asymmetric U-shaped printed monopole antenna embedded with T-shaped strip for bluetooth, WLAN/WiMAX applications. Wireless Networks, 2020, 26, 51-61.	3.0	24
50	Analysis of Gunn Integrated Annular Ring Microstrip Antenna. IEEE Transactions on Antennas and Propagation, 2004, 52, 88-97.	5.1	23
51	Ultra-Wideband L-Strip Proximity Coupled Slot Loaded Circular Microstrip Antenna for Modern Communication Systems. Wireless Personal Communications, 2013, 70, 139-151.	2.7	23
52	A compact triple band notch circular ring antenna for UWB applications. Microwave and Optical Technology Letters, 2015, 57, 668-672.	1.4	23
53	Low profile multiband rectenna for efficient energy harvesting at microwave frequencies. International Journal of Electronics, 2019, 106, 2057-2071.	1.4	23
54	In-Band RCS Reduction and Isolation Enhancement of a 24 GHz Radar Antenna Using Metamaterial Absorber for Sensing and Automotive Radar Applications. IEEE Sensors Journal, 2020, 20, 13086-13093.	4.7	23

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55	Compact dual band notch UWB mimo antenna with shared radiator. Microwave and Optical Technology Letters, 2015, 57, 2886-2891.	1.4	22
56	Analysis and Design of Compact High Gain Microstrip Patch Antenna with Defected Ground Structure for Wireless Applications. Wireless Personal Communications, 2016, 91, 661-678.	2.7	22
57	Design, modeling and analysis of dual-feed defected ground microstrip patch antenna with wide axial ratio bandwidth. Journal of Computational Electronics, 2018, 17, 1019-1028.	2.5	22
58	Design of multiband multipolarised single feed patch antenna. IET Microwaves, Antennas and Propagation, 2018, 12, 2372-2378.	1.4	22
59	Integrated GSM UWB Fibonacci type antennas with single, dual, and triple notched bands. IET Microwaves, Antennas and Propagation, 2018, 12, 1004-1012.	1.4	22
60	Design of compact dual-band patch antenna loaded with D-shaped complementary split ring resonator. Journal of Electromagnetic Waves and Applications, 2019, 33, 2096-2111.	1.6	22
61	Characterization and Performance Measurement of Low RCS Wideband Circularly Polarized MIMO Antenna for Microwave Sensing Applications. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3847-3854.	4.7	22
62	Low-profile 2.4/5.8 GHz MIMO/diversity antenna for WLAN applications. Journal of Electromagnetic Waves and Applications, 2020, 34, 1283-1299.	1.6	22
63	A low profile dual band MIMO antenna for LTE/Bluetooth/Wi-Fi/WLAN applications. Journal of Electromagnetic Waves and Applications, 2020, 34, 1239-1253.	1.6	22
64	An annular-ring slot antenna for CP operation. Microwave and Optical Technology Letters, 2013, 55, 1418-1422.	1.4	21
65	Bandwidth enhancement and cross-polarization suppression in ultrawideband microstrip antenna with defected ground plane. Microwave and Optical Technology Letters, 2014, 56, 2141-2146.	1.4	21
66	TRIPLE BAND NOTCHED DG-CEBG STRUCTURE BASED UWB MIMO/DIVERSITY ANTENNA. Progress in Electromagnetics Research C, 2018, 80, 21-37.	0.9	21
67	A low profile circularly polarized UWB antenna with integrated GSM band for wireless communication. AEU - International Journal of Electronics and Communications, 2018, 93, 224-232.	2.9	21
68	Low profile four-port super-wideband multiple-input-multiple-output antenna with triple band rejection characteristics. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21831.	1.2	21
69	A new dual band 4 \times 4 butler matrix with dual band 3 \times dB quadrature branch line coupler and dual band 45 $^\circ$ phase shifter. AEU - International Journal of Electronics and Communications, 2019, 99, 215-225.	2.9	21
70	Recent Technological Advancement in Surrounding Gate MOSFET for Biosensing Applications - a Synoptic Study. Silicon, 2022, 14, 5133-5143.	3.3	21
71	Microstrip line FED beak-shaped monopole like slot UWB antenna with enhanced band width. Microwave and Optical Technology Letters, 2014, 56, 2624-2628.	1.4	20
72	Design of compact multi-band meander line antenna for global positioning system/wireless local area network/worldwide interoperability for microwave access band applications in laptops/tablets. IET Microwaves, Antennas and Propagation, 2016, 10, 1618-1624.	1.4	20

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73	Triple band circularly polarized compact microstrip antenna with defected ground structure for wireless applications. International Journal of Microwave and Wireless Technologies, 2016, 8, 943-953.	1.9	20
74	Dual Band Notched EBG Structure based UWB MIMO/Diversity Antenna with Reduced Wide Band Electromagnetic Coupling. Frequenz, 2017, 71, .	0.9	20
75	3D cuboidal design MIMO/diversity antenna with band notched characteristics. AEU - International Journal of Electronics and Communications, 2019, 108, 141-147.	2.9	20
76	Broadband CPW-fed circularly polarized antenna for IoT-based navigation system. International Journal of Microwave and Wireless Technologies, 2019, 11, 835-843.	1.9	20
77	Novel circularly polarized dielectric resonator antenna for microwave image sensing application. Microwave and Optical Technology Letters, 2019, 61, 1821-1827.	1.4	20
78	Low Profile UWB Log-Periodic Dipole Antenna for Wireless Communication with Notched Band. Microwave and Optical Technology Letters, 2013, 55, 2901-2906.	1.4	19
79	Small-size scarecrow-shaped CPW and microstrip-line-fed UWB antennas. Journal of Computational Electronics, 2018, 17, 1047-1055.	2.5	19
80	Circularly polarized inverted stacked high gain antenna with frequency selective surface. Microwave and Optical Technology Letters, 2016, 58, 732-740.	1.4	18
81	Circularly polarized D-shaped slot antenna for wireless applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21498.	1.2	18
82	Multiple input multiple output dielectric resonator antenna with circular polarized adaptability for 5G applications. Journal of Electromagnetic Waves and Applications, 2020, 34, 1180-1194.	1.6	18
83	Design of band-rejected UWB planar antenna with integrated Bluetooth band. IET Microwaves, Antennas and Propagation, 2016, 10, 1528-1533.	1.4	17
84	BUTTER FLY SHAPE COMPACT MICROSTRIP ANTENNA FOR WIDEBAND APPLICATIONS. Progress in Electromagnetics Research Letters, 2017, 69, 45-50.	0.7	17
85	Circularly Polarized Dual Facet Spiral Fed Compact Triangular Dielectric Resonator Antenna for Sensing Applications. , 2018, 2, 1-4.		17
86	A dual band rectifying antenna for RF energy harvesting. Journal of Computational Electronics, 2018, 17, 1748-1755.	2.5	17
87	Orthogonal slit cut stacked circular patch microstrip antenna for multiband operations. Microwave and Optical Technology Letters, 2013, 55, 873-882.	1.4	16
88	Design of miniaturised UWB antenna for oil pipeline imaging. Electronics Letters, 2015, 51, 1626-1628.	1.0	16
89	Design and Development of an Efficient EBG Structures Based Band Notched UWB Circular Monopole Antenna. Wireless Personal Communications, 2017, 96, 5757-5783.	2.7	16
90	Design of dual band-notched lamp-shaped antenna with UWB characteristics. International Journal of Microwave and Wireless Technologies, 2017, 9, 395-402.	1.9	16

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91	A COMPACT NOTCHED UWB MIMO ANTENNA WITH ENHANCED PERFORMANCE. Progress in Electromagnetics Research C, 2019, 91, 39-53.	0.9	16
92	A Review on Different Techniques of Mutual Coupling Reduction Between Elements of Any MIMO Antenna. Part 1: DGSs and Parasitic Structures. Radio Science, 2021, 56, e2020RS007122.	1.6	16
93	Swastika shaped slot embedded two port dual frequency band MIMO antenna for wireless applications. Analog Integrated Circuits and Signal Processing, 2021, 109, 103-113.	1.4	16
94	Design of a wideband polarisation conversion metasurface and its application for RCS reduction and gain enhancement of a circularly polarised antenna. IET Microwaves, Antennas and Propagation, 2019, 13, 1427-1437.	1.4	15
95	Wideband and high-gain circularly polarised microstrip antenna design using sandwiched metasurfaces and partially reflecting surface. IET Microwaves, Antennas and Propagation, 2019, 13, 305-312.	1.4	15
96	MIMO/Diversity Antenna with Neutralization Line for WLAN Applications. Mapan - Journal of Metrology Society of India, 2021, 36, 763-772.	1.5	15
97	Impact of Reverse Gate Oxide Stacking on Gate All Around Tunnel FET for High Frequency Analog and RF Applications. , 2020, , .		15
98	Analysis of two-concentric annular ring microstrip antenna. Microwave and Optical Technology Letters, 2003, 36, 104-108.	1.4	14
99	A CPW-FED compact inverted L-strip UWB microstrip antenna. Microwave and Optical Technology Letters, 2013, 55, 1584-1589.	1.4	14
100	Multi band multi polarized reconfigurable circularly polarized monopole antenna with simple biasing network. AEU - International Journal of Electronics and Communications, 2018, 95, 177-188.	2.9	14
101	Design and packaging of ultra-wideband multiple-input-multiple-output/diversity antenna for wireless applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22357.	1.2	14
102	Dual-band circularly polarized MIMO DRA for sub-6 GHz applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22350.	1.2	14
103	Compact circularly polarized MIMO printed antenna with novel ground structure for wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22737.	1.2	14
104	MULTIBAND CIRCULARLY POLARIZED STACKED MICROSTRIP ANTENNA. Progress in Electromagnetics Research C, 2015, 56, 55-64.	0.9	13
105	Single-Feed Superstrate Loaded Circularly Polarized Microstrip Antenna for Wireless Applications. Wireless Personal Communications, 2017, 92, 1333-1346.	2.7	13
106	A Dual Band Branch Line Coupler With Wide Frequency Ratio. IEEE Access, 2019, 7, 25046-25052.	4.2	13
107	Design and analysis of seven-bands-slot-antenna with small frequency ratio for different wireless applications. AEU - International Journal of Electronics and Communications, 2019, 99, 100-109.	2.9	13
108	Circularly polarized hexagonal ring microstrip patch antenna with asymmetrical feed and DGS. Microwave and Optical Technology Letters, 2020, 62, 1702-1708.	1.4	13

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109	A compact and efficient graphene FET based RF energy harvester for green communication. AEU - International Journal of Electronics and Communications, 2020, 115, 153059.	2.9	13
110	A Compact Dual-Band Out of Phase Power Divider Having Microstrip Compatibility. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2998-3002.	3.0	13
111	A novel a-shaped monopole-like slot antenna for ultrawideband applications. Microwave and Optical Technology Letters, 2014, 56, 1826-1829.	1.4	12
112	Novel quad-band circularly polarized capacitive-fed microstrip antenna for C-band applications. Microwave and Optical Technology Letters, 2015, 57, 2622-2628.	1.4	12
113	Design of miniaturized single band-notch micro strip antenna with enhanced UWB performance. Microwave and Optical Technology Letters, 2016, 58, 1494-1499.	1.4	12
114	Wideband Cylindrical Dielectric Resonator Antenna Operating in HEM ₁₁ Mode with Improved Gain: A Study of Superstrate and Reflector Plane. International Journal of Antennas and Propagation, 2017, 2017, 1-11.	1.2	12
115	Compact broadband circularly polarized Hook-shaped microstrip antenna with DGS plane. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21275.	1.2	12
116	A low-profile triple-band circularly polarized wide slot antenna for wireless systems. International Journal of Microwave and Wireless Technologies, 2019, 11, 67-75.	1.9	12
117	Wideband High-Gain Circularly-Polarized Low RCS Dipole Antenna With a Frequency Selective Surface. IEEE Access, 2019, 7, 156592-156602.	4.2	12
118	Analysis and design of single and dual element bowtie microstrip antenna embedded with planar long wire for 5G wireless applications. Microwave and Optical Technology Letters, 2020, 62, 1281-1290.	1.4	12
119	Dual-port MIMO dielectric resonator antenna for WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22108.	1.2	12
120	Quad-Band multi-polarized antenna with modified electric-inductive-capacitive resonator. International Journal of Microwave and Wireless Technologies, 2022, 14, 65-76.	1.9	12
121	Design considerations for the development of the annular ring microstrip antenna. International Journal of Electronics, 2002, 89, 665-677.	1.4	11
122	Design and analysis of UWB circular ring two element microstrip patch antenna array with notched band for modern wireless applications. Microwave and Optical Technology Letters, 2015, 57, 2067-2072.	1.4	11
123	Dual-band stacked circularly polarized microstrip antenna for S and C band applications. International Journal of Microwave and Wireless Technologies, 2016, 8, 1215-1222.	1.9	11
124	A triple band circularly polarized rectenna for RF energy harvesting. Electromagnetics, 2019, 39, 481-490.	0.7	11
125	Implementation of four-port MIMO diversity microstrip antenna with suppressed mutual coupling and cross-polarized radiations. Microsystem Technologies, 2020, 26, 993-1000.	2.0	11
126	Wideband textile multiple-input-multiple-output antenna for industrial, scientific and medical (ISM) wearable applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22451.	1.2	11

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127	Characterization of CP Radiations in a Planar Monopole Antenna Using Tuning Fork Fractal Slot for LTE Band13/Wi-Max and Wi-Fi Applications. IEEE Access, 2020, 8, 127123-127133.	4.2	11
128	A Review on Different Techniques of Mutual Coupling Reduction Between Elements of Any MIMO Antenna. Part 2: Metamaterials and Many More. Radio Science, 2021, 56, e2020RS007222.	1.6	11
129	Prime Number Based Interleaver for Multiuser Iterative IDMA Systems. , 2010, , .		10
130	<sc>Wideband circularly polarized cylindrical dielectric resonator antenna for X–band applications. Microwave and Optical Technology Letters, 2017, 59, 2463-2468.	1.4	10
131	Performance parameters prediction of slotted microstrip antennas with modified ground plane using support vector machine. International Journal of Microwave and Wireless Technologies, 2017, 9, 1169-1177.	1.9	10
132	Gain improvement of cylindrical dielectric resonator antenna using flat reflector plane: a new approach. IET Microwaves, Antennas and Propagation, 2017, 11, 1622-1628.	1.4	10
133	Compact ultra–wideband microstrip antenna with dual polarisation/multi–notch characteristics. IET Microwaves, Antennas and Propagation, 2018, 12, 1546-1553.	1.4	10
134	A low-profile wideband circularly polarized MIMO antenna with pattern and polarization diversity. International Journal of Microwave and Wireless Technologies, 2020, 12, 316-322.	1.9	10
135	Slot loaded EBG-based metasurface for performance improvement of circularly polarized antenna for WiMAX applications. International Journal of Microwave and Wireless Technologies, 2020, 12, 212-220.	1.9	10
136	A compact broadband GFET based rectenna for RF energy harvesting applications. Microsystem Technologies, 2020, 26, 1881-1888.	2.0	10
137	Design of Compact Wideband Circularly Polarized Hexagon-Shaped Antenna Using Characteristics Mode Analysis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	10
138	A COMPACT U-SHAPED UWB-MIMO ANTENNA WITH NOVEL COMPLEMENTARY MODIFIED MINKOWSKI FRACTAL FOR ISOLATION ENHANCEMENT. Progress in Electromagnetics Research C, 2021, 107, 81-96.	0.9	10
139	Design and performance analysis of a frequency reconfigurable four-element multiple-input-multiple-output antenna. AEU - International Journal of Electronics and Communications, 2022, 146, 154118.	2.9	10
140	Design and implementation of compact dual-band conformal antenna for leadless cardiac pacemaker system. Scientific Reports, 2022, 12, 3165.	3.3	10
141	Reconfigurable circularly polarized capacitive coupled microstrip antenna. International Journal of Microwave and Wireless Technologies, 2017, 9, 843-850.	1.9	9
142	Design of a Compact Passband Frequency Selective Surface with Stable Resonance. International Journal of Antennas and Propagation, 2017, 2017, 1-5.	1.2	9
143	Integrated amateur band and ultra-wide band monopole antenna with multiple band-notched. International Journal of Electronics, 2018, 105, 741-755.	1.4	9
144	Design of Dual Band Dual Sense Circularly Polarized Wide Slot Antenna with C-shaped Radiator for Wireless Applications. Frequenz, 2018, 72, 343-351.	0.9	9

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145	Low envelope correlation coefficient, enhanced gain, and suppressed mutual coupling in compact 4-port MIMO microstrip antenna loaded with metasurface. <i>Microsystem Technologies</i> , 2019, 25, 4721-4730.	2.0	9
146	Wideband circularly polarized magnetoelectric dipole antenna with I-slot for C-band applications. <i>Journal of Computational Electronics</i> , 2019, 18, 660-670.	2.5	9
147	A novel circularly polarized gap-coupled wideband antenna with DGS for X/Ku-band applications. <i>Electromagnetics</i> , 2019, 39, 186-197.	0.7	9
148	Design of 4-element microstrip array of wideband reflector antenna with stable high gain characteristics. <i>Microsystem Technologies</i> , 2019, 25, 3193-3201.	2.0	9
149	Low profile single feed monopole antenna for quad-band circularly polarised applications. <i>International Journal of Electronics</i> , 2019, 106, 318-331.	1.4	9
150	A Coalesced Kite Shaped Monopole Antenna for UWB Technology. <i>Wireless Personal Communications</i> , 2020, 114, 3031-3048.	2.7	9
151	A Novel Method of Using Bifilar Spiral Resonator for Designing Thin Robust Flexible Glucose Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	4.7	9
152	Analysis and Design of Gap-Coupled Annular Ring Microstrip Antenna. <i>International Journal of Antennas and Propagation</i> , 2008, 2008, 1-5.	1.2	8
153	A compact 4x4 ultrawideband(UWB) band notched MIMO antenna. , 2014, , .		8
154	Triple Band Annular Ring Loaded Stacked Circular Patch Microstrip Antenna. <i>Wireless Personal Communications</i> , 2014, 77, 633-647.	2.7	8
155	A compact UWB antenna with reconfigurable dual notch bands. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2737-2742.	1.4	8
156	Circularly Polarized Annular Ring Microstrip Antenna for High Gain Application. <i>Electromagnetics</i> , 2016, 36, 379-391.	0.7	8
157	Integrated GSM and UWB fractal monopole antenna with triple notches. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 2364-2366.	1.4	8
158	Single-feed circularly polarized stacked patch antenna with small-frequency ratio for dual-band wireless applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2016, 8, 1207-1213.	1.9	8
159	Study of pass band resonance characteristics of aperture type FSS. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 83, 479-483.	2.9	8
160	Compact microstrip antennas with very wide ARBW and triple circularly polarized bands. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21162.	1.2	8
161	A NEW EQUAL POWER QUADRATURE BRANCH LINE COUPLER FOR DUAL-BAND APPLICATIONS. <i>Progress in Electromagnetics Research Letters</i> , 2018, 74, 61-67.	0.7	8
162	CPW-FED ULTRA-WIDEBAND DUAL-SENSE CIRCULARLY POLARIZED SLOT ANTENNA. <i>Progress in Electromagnetics Research C</i> , 2019, 94, 219-231.	0.9	8

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