

# Binod K Kanaujia

## List of Publications by Year in descending order

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360  
papers

4,815  
citations

126907

33  
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189892

50  
g-index

364  
all docs

364  
docs citations

364  
times ranked

2196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quad-Band multi-polarized antenna with modified electric-inductiveâ€”capacitive resonator. International Journal of Microwave and Wireless Technologies, 2022, 14, 65-76.	1.9	12
2	Recent Technological Advancement in Surrounding Gate MOSFET for Biosensing Applications - a Synoptic Study. Silicon, 2022, 14, 5133-5143.	3.3	21
3	Dielectric Resonator Antennas: Applications and developments in multiple-input, multiple-output technology. IEEE Antennas and Propagation Magazine, 2022, 64, 26-39.	1.4	7
4	Design of dual-polarized triple-band concentric annular-ring microstrip patch antenna for GPS applications. International Journal of Microwave and Wireless Technologies, 2022, 14, 1338-1346.	1.9	1
5	A Triple Band Circularly Polarized Antenna for Leadless Cardiac Transcatheter Pacing System. IEEE Transactions on Antennas and Propagation, 2022, 70, 4287-4298.	5.1	4
6	A Study on Application of Dielectric Resonator Antenna in Implantable Medical Devices. IEEE Access, 2022, 10, 11846-11857.	4.2	7
7	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
8	Design and implementation of compact dual-band conformal antenna for leadless cardiac pacemaker system. Scientific Reports, 2022, 12, 3165.	3.3	10
9	Circularly polarized parasitic patch slot antenna using I-tree fractal defected ground structure for CA band applications. Frequenz, 2022, .	0.9	0
10	A Dual-Band Circularly Polarized Hexagonal Ring Antenna for Handheld RFID Readers. Wireless Personal Communications, 2022, 125, 3101-3115.	2.7	1
11	Design and implementation of a compact <scp>triâ€band fourâ€port multipleâ€inputâ€multipleâ€output</scp> antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	4
12	Dual-Band Design Techniques for Microwave Passive Circuits: A Review and Applications. IEEE Microwave Magazine, 2022, 23, 61-77.	0.8	5
13	Analysis and design of double negative metamaterial offering seven operating bands with minimum frequency ratio. Journal of Electromagnetic Waves and Applications, 2022, 36, 2384-2400.	1.6	1
14	Design and Performance Measurement of Implantable Differential Integrated Antenna for Wireless Biomedical Instrumentation Applications. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	6
15	Stubbed microstrip-line fed broadband circularly polarized square slot antenna for WiMAX Applications. Electromagnetics, 2022, 42, 168-180.	0.7	0
16	Characterization of dual-band circularly polarized mushroom-shaped monopole antenna with modified ground plane. Frequenz, 2022, .	0.9	0
17	A novel design of ultra-wide stop-band single-layer frequency selective surface using square-loop and cross. International Journal of Microwave and Wireless Technologies, 2021, 13, 800-809.	1.9	7
18	Design of a new metasurface and its application for linear to circular polarisation conversion. International Journal of Electronics, 2021, 108, 411-425.	1.4	3

#	ARTICLE	IF	CITATIONS
19	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
20	Analysis and design of inclined fractal defected ground-based circularly polarized antenna for CA-band applications. International Journal of Microwave and Wireless Technologies, 2021, 13, 397-406.	1.9	7
21	A Novel Method of Using Bifilar Spiral Resonator for Designing Thin Robust Flexible Glucose Sensors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	9
22	Background and Origin of the Rectenna. Advances in Sustainability Science and Technology, 2021, , 21-48.	0.6	2
23	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
24	Hexa-band pattern reconfigurable antenna with defected ground plane. International Journal of Electronics, 2021, 108, 1899-1913.	1.4	6
25	A Planar Dual-Band Antenna for ISM/Wearable Applications. Wireless Personal Communications, 2021, 118, 631-646.	2.7	6
26	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
27	A COMPACT U-SHAPED LWB-MIMO ANTENNA WITH NOVEL COMPLEMENTARY MODIFIED MINKOWSKI FRACTAL FOR ISOLATION ENHANCEMENT. Progress in Electromagnetics Research C, 2021, 107, 81-96.	0.9	10
28	Active feedback supported CMOS LNA blended with coplanar waveguide-embedded antenna for Wi-Fi networks. IET Microwaves, Antennas and Propagation, 2021, 15, 537-546.	1.4	1
29	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
30	Truncated elliptical Self-Complementary antenna with Quad-Band notches for SWB MIMO systems. AEU - International Journal of Electronics and Communications, 2021, 131, 153608.	2.9	6
31	A 8-12 GHz, 44.3 dBm RF output class FF <sup>1</sup> DPA using quad-mode coupled technique for new configurable front-end 5G transmitters. Analog Integrated Circuits and Signal Processing, 2021, 107, 497-510.	1.4	0
32	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
33	Compact multi-standard planar MIMO antenna for IoT/WLAN/Sub-6 GHz/X-band applications. Wireless Networks, 2021, 27, 2671-2689.	3.0	7
34	Compact circularly polarized <sc>MIMO</sc> printed antenna with novel ground structure for wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22737.	1.2	14
35	Theoretical circuit modeling of tetra bands DNG metamaterial by transmission line theory with very small frequency. Journal of Computational Electronics, 2021, 20, 1439-1451.	2.5	3
36	Circularly Polarized Cross-Dipole Antenna with a Double Layer AMC Backing for UHF RFID Readers. , 2021, , .		2

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37	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
38	Analysis of an Inhomogeneous Circularly Polarized Hollow Dielectric Resonator Antenna Using Perturbation Theory. Electronics (Switzerland), 2021, 10, 2273.	3.1	0
39	Wideband Circularly Polarized Textile MIMO Antenna for Wearable Applications. IEEE Access, 2021, 9, 108601-108613.	4.2	50
40	Matching Network and Rectifier Circuit. Advances in Sustainability Science and Technology, 2021, , 71-98.	0.6	0
41	MIMO/Diversity Antenna with Neutralization Line for WLAN Applications. Mapan - Journal of Metrology Society of India, 2021, 36, 763-772.	1.5	15
42	A Dual-Band Rat-Race Coupler for High Band Ratio Wireless Applications. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-6.	4.7	5
43	A simple and compact broadband circularly polarized circular slot antenna for WLAN/WiMAX/DBS applications. Frequenz, 2021, .	0.9	1
44	Performance enhancement of circularly polarized patch antenna using slotted circular EBG-based metasurface. Frequenz, 2021, 75, 35-47.	0.9	3
45	Highly efficient artificial magnetic conductor enabled CPW fed compact antenna for BAN wearable applications. Frequenz, 2021, 75, 101-108.	0.9	1
46	Compact Dual-Band Circularly-Polarized Cross-Dipole Antenna for Portable RFID Readers. , 2021, , .		4
47	Antenna Miniaturization and Multiband Operation Using Different Meta-Structures in the Ground Plane. , 2021, , .		1
48	Compact Modified Electric-Inductive-Capacitive Inspired Antenna for Triple-Band Operation. , 2021, , .		0
49	Dual Band 4-Port MIMO Antenna for Bluetooth/5G Applications. , 2021, , .		4
50	Hexa-Band Branch Line Coupler and Wilkinson Power Divider for LTE 0.7 GHz, LTE 1.7 GHz, LTE 2.6 GHz, 3.9 GHz, Public Safety Band 4.9 GHz, and WLAN 5.8 GHz Frequencies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 275-279.	3.0	8
51	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
52	Asymmetrical mirror imaged monopole antenna with modified ground structure for DBDP radiations. International Journal of Electronics, 2020, 107, 596-612.	1.4	0
53	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
54	Three-dimensional cylindrical design multiple-input-multiple-output/diversity antenna with high isolation for wireless communication applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22001.	1.2	2

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55	Compact circularly polarized metaresonator-enabled deca-band antenna. Microwave and Optical Technology Letters, 2020, 62, 726-736.	1.4	1
56	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
57	Pattern and frequency reconfigurable antenna with diode loaded ELC resonator. International Journal of Microwave and Wireless Technologies, 2020, 12, 163-175.	1.9	8
58	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
59	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
60	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
61	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
62	Low-profile circularly polarized planar antenna for GPS L1, L2, and L5 bands. Microwave and Optical Technology Letters, 2020, 62, 806-815.	1.4	7
63	A compact broadband GFET based rectenna for RF energy harvesting applications. Microsystem Technologies, 2020, 26, 1881-1888.	2.0	10
64	Dual-port MIMO dielectric resonator antenna for WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22108.	1.2	12
65	Circularly polarized hexagonal ring microstrip patch antenna with asymmetrical feed and DGS. Microwave and Optical Technology Letters, 2020, 62, 1702-1708.	1.4	13
66	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
67	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
68	Circularly Polarized Microstrip Antenna Using SLPD Electromagnetic Band Gap Structure. Frequenz, 2020, 74, 41-51.	0.9	3
69	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
70	A novel printed circularly polarized asymmetric wide slot antenna for digital cellular system. Microwave and Optical Technology Letters, 2020, 62, 1438-1447.	1.4	5
71	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
72	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

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73	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
74	A compact circularly polarized modified printed monopole antenna for wireless applications. Electromagnetics, 2020, 40, 576-593.	0.7	2
75	Anisotropic meta-surface-based wideband high gain circularly polarized patch antenna. Electromagnetics, 2020, 40, 594-604.	0.7	0
76	Design of circularly polarized antenna using inclined fractal defected ground structure for S-band applications. Electromagnetics, 2020, 40, 526-540.	0.7	8
77	A compact multi-slots loaded gap coupled CP antenna with DGS for WLAN/WiMAX applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22431.	1.2	4
78	Beamforming Design for In-Band Full-Duplex Multi-Cell Multi-User MIMO LSA Cellular Networks. IEEE Access, 2020, 8, 222355-222370.	4.2	7
79	Compact Dual-Band Hexagonal Ring Antenna with Shorting Pins for RFID Reader Applications. , 2020, , .		6
80	A Coalesced Kite Shaped Monopole Antenna for UWB Technology. Wireless Personal Communications, 2020, 114, 3031-3048.	2.7	9
81	Planar Four-Port Dual Circularly-Polarized MIMO Antenna for Sub-6 GHz Band. IEEE Access, 2020, 8, 90779-90791.	4.2	38
82	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
83	Circularly Polarized Monopole Antenna with Modified Ground structure. , 2020, , .		0
84	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
85	An Attack Resilient Framework in Cognitive Radio Network Environment for Inter-domain and Intra-domain Communication. Wireless Personal Communications, 2020, 114, 3457-3475.	2.7	2
86	Performance of cascode Class- $E^2$ PA with built-in techniques for UWB radar toward monitoring of patient actions. IET Circuits, Devices and Systems, 2020, 14, 235-242.	1.4	2
87	Modeling of a dual circularly polarized capacitive-coupled slit-loaded truncated microstrip antenna. Journal of Computational Electronics, 2020, 19, 1564-1572.	2.5	5
88	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
89	Hexagonal ring electromagnetic band gap-based slot antenna for circular polarization and performance enhancement. Microwave and Optical Technology Letters, 2020, 62, 2576-2587.	1.4	5
90	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

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91	Experimental Investigation of the Breast Phantom for Tumor Detection Using Ultra-Wide Band MIMO Antenna Sensor (UMAS) Probe. <i>IEEE Sensors Journal</i> , 2020, 20, 6745-6752.	4.7	32
92	Carbon fiber based decaport multiple input multiple output antenna with pattern diversity and high interelement isolation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22195.	1.2	3
93	A compact modified sierpinski carpet fractal UWB MIMO antenna with square-shaped funnel-like ground stub. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 117, 153126.	2.9	40
94	Compact eightport MIMO/diversity antenna with band rejection characteristics. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22170.	1.2	25
95	A Broadband Circularly Polarized Cross-slotted Patch Antenna with Horizontal Meandered Strip (HMS). <i>Frequenz</i> , 2020, 74, 191-199.	0.9	2
96	Low-profile 2.4/5.8 GHz MIMO/diversity antenna for WLAN applications. <i>Journal of Electromagnetic Waves and Applications</i> , 2020, 34, 1283-1299.	1.6	22
97	A Novel Dual Band Branch Line Coupler and its Application to Design a Dual Band 4 × 4 Butler Matrix. <i>IEEE Access</i> , 2020, 8, 65104-65115.	4.2	6
98	Ultra-Miniature Circularly Polarized CPW-Fed Implantable Antenna Design and its Validation for Biotelemetry Applications. <i>Scientific Reports</i> , 2020, 10, 6795.	3.3	38
99	Three-Dimensional Dual-Band Dielectric Resonator Antenna for Wireless Communication. <i>IEEE Access</i> , 2020, 8, 71593-71604.	4.2	8
100	A low profile dual band MIMO antenna for LTE/Bluetooth/Wi-Fi/WLAN applications. <i>Journal of Electromagnetic Waves and Applications</i> , 2020, 34, 1239-1253.	1.6	22
101	Impact of Reverse Gate Oxide Stacking on Gate All Around Tunnel FET for High Frequency Analog and RF Applications. , 2020, , .		15
102	Smart Compact-Folded Microstrip Antenna for GSM, LTE, and WLAN Applications. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 475-481.	0.6	3
103	Design of 4(N+1) Element Dual-CP Massive MIMO Antenna for 5G Systems Operating in Sub-6 GHz Band. , 2020, , .		0
104	A Hexa-band Gysel Power Divider for Microwave Applications. , 2020, , .		2
105	A high gain wideband circularly polarized microstrip antenna. <i>International Journal of Microwave and Wireless Technologies</i> , 2020, 12, 678-687.	1.9	8
106	Basic Theory and Design of Printed Antennas. , 2020, , 1-36.		0
107	Advances in Patch Antenna Design Using EBG Structures. , 2020, , 363-400.		0
108	Design of Frequency Selective Surface (FSS) Printed Antennas. , 2020, , 401-435.		0

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109	Performance of ultra-wide band DCBLNA with suspended strip line radiator for human breast cancer diagnosis medical imaging application. IET Circuits, Devices and Systems, 2020, 14, 1228-1234.	1.4	1
110	Compact Printed Antenna Designs. , 2020, , 165-212.		1
111	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
112	CPW-FED ULTRA-WIDEBAND DUAL-SENSE CIRCULARLY POLARIZED SLOT ANTENNA. Progress in Electromagnetics Research C, 2019, 94, 219-231.	0.9	8
113	Antenna Design for Fifth Generation (5G) Applications. , 2019, , .		3
114	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
115	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
116	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
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	A triple band circularly polarized rectenna for RF energy harvesting. Electromagnetics, 2019, 39, 481-490.	0.7	11
119	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
120	Analysis and design of an ultra-thin metamaterial absorber and its application for in-band RCS reduction of antenna. Journal of Electromagnetic Waves and Applications, 2019, 33, 654-667.	1.6	5
121	A dual-band branch line coupler for LTE 0.7 GHz and LTE 2.6 GHz frequencies. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21838.	1.2	0
122	Energy-Efficient System Design for Internet of Things (IoT) Devices. Studies in Systems, Decision and Control, 2019, , 49-74.	1.0	1
123	3D cuboidal design MIMO/diversity antenna with band notched characteristics. AEU - International Journal of Electronics and Communications, 2019, 108, 141-147.	2.9	20
124	Low profile multiband rectenna for efficient energy harvesting at microwave frequencies. International Journal of Electronics, 2019, 106, 2057-2071.	1.4	23
125	Low envelope correlation coefficient, enhanced gain, and suppressed mutual coupling in compact 4-port MIMO microstrip antenna loaded with metasurface. Microsystem Technologies, 2019, 25, 4721-4730.	2.0	9
126	A New Trend to Power Up Next-Generation Internet of Things (IoT) Devices: "Rectenna"™. Studies in Systems, Decision and Control, 2019, , 331-356.	1.0	2

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127	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
128	A half cut design of low profile UWB planar antenna for DCS/PCS/WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21817.	1.2	6
129	A CPW Fed Elliptical SWB Antenna with Dual Band Elimination. , 2019, , .		0
130	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
131	A COMPACT NOTCHED UWB MIMO ANTENNA WITH ENHANCED PERFORMANCE. Progress in Electromagnetics Research C, 2019, 91, 39-53.	0.9	16
132	Circularly polarized V-shaped dielectric resonator antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21832.	1.2	5
133	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
134	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
135	Novel circularly polarized dielectric resonator antenna for microwave image sensing application. Microwave and Optical Technology Letters, 2019, 61, 1821-1827.	1.4	20
136	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
137	Balanced bandpass filter using TE <sub>011</sub> -mode dielectric resonator. Electromagnetics, 2019, 39, 254-261.	0.7	0
138	Dual Circular Polarization with Reduced Mutual Coupling Among Two Orthogonally Placed CPW-Fed Microstrip Antennas for Broadband Applications. Wireless Personal Communications, 2019, 107, 759-770.	2.7	5
139	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
140	A Dual Band Branch Line Coupler With Wide Frequency Ratio. IEEE Access, 2019, 7, 25046-25052.	4.2	13
141	Gain enhancement and RCS reduction of CP patch antenna using partially reflecting and absorbing metasurface. Electromagnetics, 2019, 39, 120-135.	0.7	3
142	Dual-Band Circular-Button Antenna for WBAN Applications. , 2019, , .		0
143	Low Profile Two-Element Dipole Antenna for 2.4/5.8 GHz MIMO WLAN Applications. , 2019, , .		0
144	Circularly Polarized MIMO Antenna With a Reflector Ring. , 2019, , .		0

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145	A Dual Band Gysel Power Divider with Wide Band Ratio. , 2019, , .		5
146	A Novel Design of Single Band 4X4 Butler Matrix using Branch Line Couplers without a Crossover and a Phase Shifter. , 2019, , .		2
147	Meta-surface enabled hepta-band compact antenna for wearable applications. IET Microwaves, Antennas and Propagation, 2019, 13, 2372-2379.	1.4	6
148	Low profile coupling feed circularly polarized antennas for WLAN applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21525.	1.2	1
149	Wideband circularly polarized magnetoelectric dipole antenna with I-slot for C-band applications. Journal of Computational Electronics, 2019, 18, 660-670.	2.5	9
150	Probabilistic Verification Scenarios with Reduced Authentication Delay for Handoff Clients in Mesh Networks. Wireless Personal Communications, 2019, 104, 1553-1571.	2.7	2
151	A novel circularly polarized gap-coupled wideband antenna with DGS for X/Ku-band applications. Electromagnetics, 2019, 39, 186-197.	0.7	9
152	A hexa-band dual-sense circularly polarized antenna for WLAN/Wi-MAX/SDARS and C-band applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21599.	1.2	2
153	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
154	Circularly polarized D-shaped slot antenna for wireless applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21498.	1.2	18
155	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
156	Metamaterial based circularly polarized hexa-band patch antenna with small frequency ratios for multiple wireless applications. Journal of Electromagnetic Waves and Applications, 2019, 33, 520-540.	1.6	3
157	Design of 4-element microstrip array of wideband reflector antenna with stable high gain characteristics. Microsystem Technologies, 2019, 25, 3193-3201.	2.0	9
158	An integrated cascode DE power amplifier for RF calibration system towards measurement of bio-sensor applications. Microwave and Optical Technology Letters, 2019, 61, 31-36.	1.4	0
159	Calculation of the resonant frequency of a rectangular dielectric resonator antenna using perturbation theory. Journal of Computational Electronics, 2019, 18, 211-221.	2.5	7
160	Bandwidth enhancement using modified L-probe fed slotted patch antenna for WLAN and UMTS applications. International Journal of Microwave and Wireless Technologies, 2019, 11, 302-312.	1.9	4
161	A new dual band 4x4 butler matrix with dual band 3-dB quadrature branch line coupler and dual band 45° phase shifter. AEU - International Journal of Electronics and Communications, 2019, 99, 215-225.	2.9	21
162	A novel compact self-similar fractal UWB MIMO antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21632.	1.2	39

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163	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
164	Multisection branch line couplers as dual-band crossovers using coupled lines for wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21523.	1.2	8
165	Low profile single feed monopole antenna for quad-band circularly polarised applications. International Journal of Electronics, 2019, 106, 318-331.	1.4	9
166	A compact, dual wide-band circularly polarized, modified square ring slot antenna for C and Ku band applications. International Journal of Microwave and Wireless Technologies, 2019, 11, 182-189.	1.9	8
167	Wideband Monopole Planar Antenna with Stepped Ground Plane for WLAN/WiMAX Applications. Communications in Computer and Information Science, 2019, , 253-264.	0.5	0
168	3D FSS with multiple transmission zeros and pseudo elliptic response. Bulletin of Electrical Engineering and Informatics, 2019, 8, 923-932.	0.8	1
169	Dual Band Circularly Polarized Antenna for Ka Band Applications. , 2019, , .		3
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