

# Madhav Btp

## List of Publications by Citations

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166  
papers

724  
citations

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221  
ext. papers

1,140  
ext. citations

1.1  
avg, IF

4.89  
L-index


#	Paper	IF	Citations
166	Metamaterial inspired quad band circularly polarized antenna for WLAN/ISM/Bluetooth/WiMAX and satellite communication applications. <i>AEU - International Journal of Electronics and Communications</i> , <b>2018</b> , 97, 229-241	2.8	44
165	Transparent and conformal wheel-shaped fractal antenna for vehicular communication applications. <i>AEU - International Journal of Electronics and Communications</i> , <b>2018</b> , 91, 1-10	2.8	31
164	Design and study of multiband planar wheel-like fractal antenna for vehicular communication applications. <i>Microwave and Optical Technology Letters</i> , <b>2018</b> , 60, 1985-1993	1.2	20
163	. <i>IEEE Access</i> , <b>2020</b> , 8, 145871-145880	3.5	20
162	Histogram equalisation technique to analyse induced cholesteric phase in nanodoped liquid crystalline compound. <i>Liquid Crystals</i> , <b>2015</b> , 42, 989-997	2.3	15
161	Defected ground structured compact MIMO antenna with low mutual coupling for automotive communications. <i>Microwave and Optical Technology Letters</i> , <b>2019</b> , 61, 794-800	1.2	15
160	Birefringence studies on alkoxy benzoic acids with dispersed Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Liquid Crystals</i> , <b>2020</b> , 47, 330-344	2.3	15
159	Analysis, Design and Fabrication of a Square Slot Loaded (SSL) Millimeter-Wave Patch Antenna Array for 5G Applications. <i>Journal of Circuits, Systems and Computers</i> , <b>2021</b> , 30, 2150086	0.9	15
158	An IoT Controlled Octahedron Frequency Reconfigurable Multiband Antenna for Microwave Sensing Applications <b>2019</b> , 3, 1-4		14
157	Compact UWB flexible elliptical CPW-fed antenna with triple notch bands for wireless communications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22201 <sup>15</sup>	1.5	14
156	Image enhancement using virtual contrast image fusion on Fe <sub>3</sub> O <sub>4</sub> and ZnO nanodispersed decyloxy benzoic acid. <i>Liquid Crystals</i> , <b>2015</b> , 42, 1329-1336	2.3	13
155	Circular ring structured ultra-wideband antenna for wearable applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2019</b> , 29, e21580	1.5	13
154	Flower image segmentation with PCA fused colored covariance and gabor texture features based level sets. <i>Ain Shams Engineering Journal</i> , <b>2018</b> , 9, 3277-3291	4.4	13
153	A COMPACT CONFORMAL PRINTED DIPOLE ANTENNA FOR 5G BASED VEHICULAR COMMUNICATION APPLICATIONS. <i>Progress in Electromagnetics Research C</i> , <b>2018</b> , 85, 191-208	0.9	13
152	CSRR-loaded T-shaped MIMO antenna for 5G cellular networks and vehicular communications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2019</b> , 29, e21799	1.5	12
151	Gradient measurement technique to identify phase transitions in nano-dispersed liquid crystalline compounds. <i>Phase Transitions</i> , <b>2016</b> , 89, 902-909	1.3	12
150	ASYMMETRIC GROUND STRUCTURED CIRCULARLY POLARIZED ANTENNA FOR ISM AND WLAN BAND APPLICATIONS. <i>Progress in Electromagnetics Research M</i> , <b>2018</b> , 76, 167-175	0.6	12

149	Phase Transitions and Thermodynamic Parameters of N-(p-n-octyloxybenzylidene)-p-n-alkoxyanilines: A Dilatometric Study. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 524, 102-118	0.5	11
148	Conformal Band Notched Circular Monopole Antenna Loaded with Split Ring Resonator. <i>Wireless Personal Communications</i> , <b>2018</b> , 103, 1965-1976	1.9	10
147	Dual Band Reconfigurable Compact Circular Slot Antenna for WiMAX and X-Band Applications. <i>Radioelectronics and Communications Systems</i> , <b>2019</b> , 62, 474-485	0.9	10
146	Frequency reconfigurable monopole antenna with DGS for ISM band applications. <i>Journal of Electrical Engineering</i> , <b>2018</b> , 69, 293-299	0.6	10
145	Homomorphic filtering textural analysis technique to reduce multiplicative noise in the 11Oba nano-doped liquid crystalline compounds. <i>Phase Transitions</i> , <b>2015</b> , 88, 735-744	1.3	9
144	An octagonal star shaped flexible UWB antenna with band-notched characteristics for WLAN applications. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P02021-P02021	1	9
143	Bandwidth reconfigurable antenna on a liquid crystal polymer substrate for automotive communication applications. <i>AEU - International Journal of Electronics and Communications</i> , <b>2020</b> , 117, 153096	2.8	9
142	NOVEL MINIATURED WIDE BAND ANNULAR SLOT MONOPOLE ANTENNA. <i>Far East Journal of Electronics and Communications</i> , <b>2015</b> , 14, 149-159	0	9
141	CPW Fed T-Shaped Wearable Antenna for ISM Band, Wi-Fi, WiMAX, WLAN and Fixed Satellite Service Applications. <i>Journal of the Korean Institute of Electromagnetic Engineering and Science</i> , <b>2019</b> , 19, 140-146	2.3	9
140	Circularly polarized flexible antenna on liquid crystal polymer substrate material with metamaterial loading. <i>Microwave and Optical Technology Letters</i> , <b>2020</b> , 62, 866-874	1.2	9
139	Optical Properties of Liquid Crystalline Alkoxy Benzoic Acids with Dispersed Citrate-Capped Gold Nanoparticles. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2019</b> , 74, 1001-1022 <sup>1.4</sup>	1.4	8
138	Design and Analysis of Compact Coplanar Wave Guide Fed Asymmetric Monopole Antennas. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2015</b> , 10, 247-252	0.2	8
137	Computation of Molecular Free Length (L <sub>f</sub> ) and Molecular Radius (M <sub>r</sub> ) of p-n-Alkoxy Benzoic Acids. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 524, 166-175	0.5	8
136	Design and analysis of dual band implantable DGS antenna for medical applications. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2019</b> , 44, 1	1	7
135	Conductive fabric material based compact novel wideband textile antenna for wireless medical applications. <i>Materials Research Express</i> , <b>2019</b> , 6, 086327	1.7	7
134	Thermal and phase behaviour studies of hydrogen-bonded compounds (SA:nOBA) using POM, DSC and image-processing techniques. <i>Liquid Crystals Today</i> , <b>2015</b> , 24, 81-92	1.9	7
133	DESIGN AND ANALYSIS OF METAMATERIAL ANTENNA WITH EBG LOADING. <i>Far East Journal of Electronics and Communications</i> , <b>2015</b> , 14, 127-136	0	7
132	Investigations on Graphene-Based Ultra-Wideband (UWB) Microstrip Patch Antennas for Terahertz (THz) Applications. <i>Plasmonics</i> , <b>2021</b> , 16, 1623-1631	2.4	7

131	Effect of ZnO nanoparticles dispersed in liquid crystalline p-n-propoxy/propyl benzoic acids and mixtures [Optical studies. <i>Molecular Crystals and Liquid Crystals</i> , <b>2019</b> , 689, 10-33	0.5	7
130	Metamaterial-based refractive index sensor using Ge 2 Sb 2 Te 5 substrate for glucose detection. <i>Microwave and Optical Technology Letters</i> , <b>2022</b> , 64, 867-872	1.2	7
129	Design, optimization and realization of high gain RFID array antenna 4 [ for detection system of objects in motion. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P05002-P05002	1	6
128	Flower segmentation with level sets evolution controlled by colour, texture and shape features. <i>Cogent Engineering</i> , <b>2017</b> , 4, 1323572	1.5	6
127	Asymmetric Defected Ground Structured Monopole Antenna for Wideband Communication Systems. <i>International Journal on Communications Antenna and Propagation</i> , <b>2015</b> , 5, 256	1.3	6
126	CPW Fed Antenna for Wideband Applications based on Tapered Step Ground and EBG Structure. <i>Indian Journal of Science and Technology</i> , <b>2015</b> , 8, 119	1	6
125	Semicircular shape hybrid reconfigurable antenna on Jute textile for ISM, Wi-Fi, Wi-MAX, and W-LAN applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2020</b> , 30, e22401	1.5	6
124	Synthesis, characterisation and SPIE analysis in pure and nano-dispersed N-(p-n-hexyloxybenzylidene)-p-n-Nonyloxy aniline. <i>Liquid Crystals</i> , <b>2019</b> , 46, 743-753	2.3	6
123	Image enhancement of nano-dispersed N-(p-n-decyloxybenzylidene)-p-n-hexyloxy aniline using combined unsharp masking. <i>Liquid Crystals Today</i> , <b>2016</b> , 25, 74-80	1.9	5
122	Design, optimization and realization of compact bandpass filter using two identical square open-loop resonators for wireless communications systems. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P09012-P09012	1.2	5
121	Identification of liquid crystalline phases in 7O.O9 compound based on structural similarity index measure. <i>Liquid Crystals</i> , <b>2015</b> , 42, 198-203	2.3	5
120	A novel dual band high gain 4-port millimeter wave MIMO antenna array for 28/37 GHz 5G applications. <i>AEU - International Journal of Electronics and Communications</i> , <b>2022</b> , 145, 154071	2.8	5
119	Spectroscopic studies on liquid crystalline n-hexyloxy-cyanobiphenyl with dispersed citrate-capped gold nanoparticles in visible region. <i>Liquid Crystals</i> , <b>2020</b> , 47, 918-938	2.3	5
118	A Micro-Sized Rhombus-Shaped THz Antenna for High-Speed Short-Range Wireless Communication Applications. <i>Plasmonics</i> , 1	2.4	5
117	Multiband slot aperture stacked patch antenna for wireless communication applications. <i>International Journal of Computer Aided Engineering and Technology</i> , <b>2016</b> , 8, 413	0.5	5
116	Conformal printed MIMO antenna with DGS for millimetre wave communication applications. <i>International Journal of Electronics Letters</i> , <b>2020</b> , 8, 329-343	0.6	5
115	DESIGN AND ANALYSIS OF HETERO TRIANGLE LINKED HYBRID WEB FRACTAL ANTENNA FOR WIDE BAND APPLICATIONS. <i>Progress in Electromagnetics Research C</i> , <b>2018</b> , 83, 147-159	0.9	5
114	Windmill-shaped antenna with artificial magnetic conductor-backed structure for wearable medical applications. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2020</b> , 33, e2757	1	4

113	Spectroscopic studies on liquid crystalline p-n-nonyloxy benzoic acid (9oba) dispersed citrate capped gold nanoparticles. <i>Optik</i> , <b>2020</b> , 219, 165151	2.5	4
112	Defected Ground Structure Switchable Notch Band Antenna for UWB Applications. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 139-145	0.5	4
111	Design and analysis of square shaped serrated patch antenna for ultra-wideband applications with single rejection band. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 525	0.8	4
110	Multispectral correlations technique for finding phase transition temperatures in 7O.Om series. <i>Liquid Crystals Today</i> , <b>2015</b> , 24, 38-46	1.9	4
109	Fabric Substrate Material Based Multiband Spike Antenna for Wearable Applications. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2014</b> , 8, 429-434	0.2	4
108	Nematic/Smectic-A Transition (NSA), Location of Tri Critical Point (TCP) in nO.m Series [A Birefringence Study. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2010</b> , 65, 335-341	1.4	4
107	Reconfigurable Notch Band Monopole Slot Antenna for WLAN/IEEE-802.11n Applications. <i>International Journal of Intelligent Engineering and Systems</i> , <b>2017</b> , 10, 166-173	1.6	4
106	A Coplanar Waveguide Fed Asymmetric Ground Frequency Reconfigurable Antenna. <i>International Journal of Intelligent Engineering and Systems</i> , <b>2018</b> , 11, 293-300	1.6	4
105	Circular Monopole Reconfigurable Antenna with Notch Band Filter Characteristics. <i>Journal of Engineering Science and Technology Review</i> , <b>2018</b> , 11, 139-143	1.8	4
104	Circular Slotted Reconfigurable Antenna for Wireless Medical Band and X-Band Satellite Communication Applications. <i>Indian Journal of Public Health Research and Development</i> , <b>2018</b> , 9, 296	1.4	4
103	Trapezoidal Notch Band Frequency and Polarization Reconfigurable antenna for Medical and Wireless Communication Applications. <i>Indian Journal of Public Health Research and Development</i> , <b>2018</b> , 9, 324	1.4	4
102	Systematic Investigation from Material Characterization to Modeling of Jute-Substrate-Based Conformal Circularly Polarized Wearable Antenna. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 7292-7307	1.9	4
101	Design and Analysis of Integrated Wilkinson Power Divider-Fed Conformal High-Gain UWB Array Antenna with Band Rejection Characteristics for WLAN Applications. <i>Journal of Circuits, Systems and Computers</i> , <b>2021</b> , 30, 2150133	0.9	4
100	An all-optical ultracompact microring-resonator-based optical switch. <i>Journal of Computational Electronics</i> , <b>2021</b> , 20, 419-425	1.8	4
99	Teaching Learning Based Algorithm for calculating optimal values of Sensing error probability, Throughput and Blocking Probability in Cognitive Radio. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 52	0.8	4
98	High gain flexible liquid crystal polymer based 8-element printed antenna for millimetric wave applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2019</b> , 29, e21744	1.5	3
97	A frequency and pattern reconfigurable asymmetric ground antenna on flexible polyimide material for LTE, Wi-Fi, WLAN and fixed satellite applications. <i>Flexible and Printed Electronics</i> , <b>2020</b> , 5, 025007	3.1	3
96	Pre-informed Level Set for Flower Image Segmentation. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 11-20	0.5	3

95	Circularly Polarized Defected Ground Broadband Antennas for Wireless Communication Applications. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 419-427	0.2	3
94	Enhancement of CPW-fed inverted L-shaped UWB antenna performance characteristics using partial substrate removal technique <b>2016</b> ,		3
93	Compact flexible inkjet-printing antenna on paper and transparent PET substrate materials for vehicular instrument communication. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P10022-P10022	1	3
92	Estimation of thermodynamic parameters and molecular free length in liquid crystalline N-(p-n-alkoxybenzylidene)-p-n-pentyloxy aniline (nO.O5) compounds. <i>Journal of Molecular Liquids</i> , <b>2010</b> , 156, 120-123	6	3
91	Design and analysis of 6CB nematic liquid crystalBased rectangular patch antenna for S-band and C-band applications. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2020</b> , 75, 863-875	1.4	3
90	"Design of a CPW-Fed Monopole Antenna for Ultrawide Band based IoT and Medical Applications ". <i>International Journal of Pharmaceutical Research (discontinued)</i> , <b>2018</b> , 10,	7.8	3
89	Bandwidth Enhancement of CPW-Fed Elliptical Curved Antenna with Square SRR. <i>International Journal of Intelligent Engineering and Systems</i> , <b>2018</b> , 11, 68-75	1.6	3
88	Realization of all-optical logic gates using a single design of 2D photonic band gap structure by square ring resonator. <i>Optical Engineering</i> , <b>2021</b> , 60,	1.1	3
87	Characterisation and mesomorphic behaviour of liquid crystals with dispersed PdCl <sub>2</sub> nanoparticles. <i>Liquid Crystals Today</i> , <b>2017</b> , 26, 32-38	1.9	2
86	Structural and optical properties of ZnO doped CdTe nanopowders for optoelectronic device application. <i>Optik</i> , <b>2020</b> , 206, 164346	2.5	2
85	Compact metamaterial inspired periwinkle shaped fractal antenna for multiband applications. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 507	0.8	2
84	Coplanar wave guide fed fork shaped frequency reconfigurable antenna for LTE, WI-FI and WLAN applications. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 366	0.8	2
83	Dual-Band-Notched CPW-Fed Antennas with WiMAX/WLAN Rejection for UWB Communication. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 559-570	0.2	2
82	Multiband Semicircular Planar Monopole Antenna with Spiral Artificial Magnetic Conductor. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 599-607	0.2	2
81	Tree shaped fractal antenna with multiband characteristics. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 333	0.8	2
80	Partial Substrate Removal Techniques for the Enhancement of Gain and Radiation Characteristics in Fractal Antenna. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2015</b> , 10, 79-85	0.2	2
79	Parasitic Strip Loaded Dual Band Notch Circular Monopole Antenna with Defected Ground Structure. <i>International Journal of Electrical and Computer Engineering</i> , <b>2016</b> , 6, 1742	1.4	2
78	Coplanar Wave Guide Fed Dual Band Notched MIMO Antenna. <i>International Journal of Electrical and Computer Engineering</i> , <b>2016</b> , 6, 1732	1.4	2

77	A miniaturized printed UWB antenna with dual notching for X-b and aeronautical radio navigation applications. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , <b>2020</b> , 18, 2868	1.4	2
76	Metamaterial Inspired Gain Enhanced Elliptical Curved CPW fed Multiband Antenna for Medical and Wireless Communication Applications. <i>Biomedical and Pharmacology Journal</i> , <b>2019</b> , 12, 729-737	0.9	2
75	Flared V-Shape Slotted Monopole Multiband Antenna with Metamaterial Loading. <i>International Journal on Communications Antenna and Propagation</i> , <b>2015</b> , 5, 93	1.3	2
74	Analytical Study on Folded-Slot Koch Fractal Antenna. <i>Indian Journal of Science and Technology</i> , <b>2015</b> , 8,	1	2
73	DESIGN AND ANALYSIS OF PRINTED DUAL BAND PLANAR INVERTED FOLDED FLAT ANTENNA FOR LAPTOP DEVICES. <i>Far East Journal of Electronics and Communications</i> , <b>2016</b> , 16, 81-88	0	2
72	HIGH BANDWIDTH CIRCULARLY POLARIZED X-SLOT ANTENNA. <i>Far East Journal of Electronics and Communications</i> , <b>2016</b> , 16, 561-572	0	2
71	COMPACT MICROSTRIP BAND PASS FILTER WITH DEFECTED GROUND STRUCTURE. <i>Far East Journal of Electronics and Communications</i> , <b>2015</b> , 15, 75-84	0	2
70	NodeMCU controlled tortoise-shaped bandwidth reconfigurable antenna for 4G and 5G applications. <i>Journal of Instrumentation</i> , <b>2021</b> , 16, P12004	1	2
69	SYNTHESIS AND CHARACTERIZATION OF THIOL - CAPPED SILVER NANOPARTICLES AND THEIR EFFECT ON LIQUID CRYSTALS. <i>Rasayan Journal of Chemistry</i> ,	1.6	2
68	  <i>Vestiya Vysshikh Uchebnykh Zavedenii Radioelektronika</i> , <b>2019</b> , 62, 563-573	0	2
67	Estimation of higher order statistical parameters for image enhancement on pure and nano-dispersed dodecyloxyBenzoic acid. <i>Liquid Crystals</i> , <b>2020</b> , 47, 1247-1263	2.3	2
66	AR-ESIHE and ARS-ESIHE-based image enhancement methods on 9oba pure and nano dispersed liquid crystalline compound. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 702, 1-20	0.5	2
65	Bandwidth Enhanced Antipodal Vivaldi Antenna for Wide Band Communication Applications. <i>Indian Journal of Science and Technology</i> , <b>2016</b> , 9,	1	2
64	Frequency Reconfigurable elliptical microstrip patch antenna using resonator, partial removal in the ground, and PIN diode for L and C band applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012183	0.3	2
63	A frequency reconfigurable antenna with Bluetooth, Wi-Fi and WLAN notch band characteristics. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 127	0.8	2
62	Flexible bandpass filter with silver conductive layer for GPS, ISM, PCS, LTE and WLAN applications. <i>Materials Today: Proceedings</i> , <b>2021</b> , 42, 1321-1328	1.4	2
61	Synthesis, characterization and phase transition studies in 4-hexyloxy benzylidene 4alkoxyanilines. <i>Phase Transitions</i> , <b>2017</b> , 90, 244-255	1.3	1
60	Maple leaf shaped array antenna for multiband applications. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 494	0.8	1

59	Metamaterial extended CSRR based monopole antenna for wideband applications. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 461	0.8	1
58	A Frequency Reconfigurable Spiral F-Shaped Antenna for Multiple Mobile Applications. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 571-580	0.2	1
57	Multiband Fractal Slot Antenna with Closed Ground Structure. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 75-83	0.5	1
56	Planar Switchable Notch Band Antenna with DGS for UWB Applications. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 509-518	0.2	1
55	Statistical parameters-based image enhancement techniques in pure and nanodispersed 6O.O8 liquid crystalline compounds. <i>Phase Transitions</i> , <b>2018</b> , 91, 821-832	1.3	1
54	Liquid Crystal Polymer dual band pan slot antenna <b>2012</b> ,		1
53	A micro-scaled graphene-based tree-shaped wideband printed MIMO antenna for terahertz applications. <i>Journal of Computational Electronics</i> , <b>2022</b> , 21, 289	1.8	1
52	A CPW-fed Sigma-shaped MIMO Antenna for Ka Band and 5G Communication Applications. <i>Journal of Telecommunications and Information Technology</i> , <b>2019</b> , 8, 97-106	0.4	1
51	Structural, optical and magnetic properties of Cd doped ZnO nanomaterials for optoelectronic device application. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 11264-11273	2.1	1
50	<b>2019</b> ,		1
49	Liquid crystal polymer based flexible and conformal 5G antenna for vehicular communication. <i>Materials Research Express</i> , <b>2019</b> , 6, 016306	1.7	1
48	Analysis of CPW-Fed Modified Z-Shaped Reconfigurable Antenna for Automotive Communications. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 709-717	0.2	1
47	A compact low frequency dual band liquid crystal polymer antenna for VHF and UHF band applications. <i>Materials Today: Proceedings</i> , <b>2021</b> , 42, 1356-1360	1.4	1
46	Design and analysis of Jeans based Wearable monopole antenna with enhanced gain using AMC backing. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012189	0.3	1
45	Concentric Ring Loaded Monopole Antenna with AMC Backed forWearable Applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012191	0.3	1
44	SAR Analysis of Jute Substrate based Tri-bandAntenna for Wearable Applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012203	0.3	1
43	Influence of Thermodynamic Indices During Severe Convection over Andaman Nicobar and Lakshadweep Islands. <i>Thalassas</i> , <b>2021</b> , 37, 593-619	0.9	1
42	Design and analysis of a super wideband (0.09B0.14 THz) graphene based log periodic dipole array antenna for terahertz applications. <i>Optik</i> , <b>2021</b> , 247, 167991	2.5	1



41	Flexible and Conformal Metamaterial based Microwave Absorber for WLAN, Wi-MAX and ISM Band Applications. <i>Materials Technology</i> ,1-18	2.1	1
40	Study of rainfall over patna region, India during 2013 <b>2021</b> ,		1
39	Metamaterial inspire multiband monopole antenna with defected ground structure. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 90	0.8	0
38	Study and analysis of single notched rectangular dielectric resonator antenna for cognitive radio applications. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 530	0.8	0
37	MEMS-based reconfigurable and flexible antenna for body-centric wearable applications. <i>Journal of Electromagnetic Waves and Applications</i> ,1-15	1.3	0
36	AMC backed circularly polarized dual band antenna for Wi-Fi and WLAN applications. <i>Journal of Electrical Engineering</i> , <b>2020</b> , 71, 298-307	0.6	0
35	Design of a compact reconfigurable bandpass filter using interdigital capacitor, DMS slots and varactor diode for wireless RF systems. <i>Journal of Instrumentation</i> , <b>2021</b> , 16, P11013	1	0
34	Analysis and Fabrication of a Compact CPW-Fed Planar Printed UWB Antenna Using Isola Tera MT (R) Substrate for Medical Applications. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 195-206	0.2	0
33	Concentric Ring Structured Reconfigurable Antenna using MEMS Switches for Wireless Communication Applications. <i>Wireless Personal Communications</i> , <b>2021</b> , 120, 587-608	1.9	0
32	A low-profile internet of things-controlled frequency reconfigurable triple band antenna for microwave sensing applications. <i>Analog Integrated Circuits and Signal Processing</i> , <b>2021</b> , 109, 69-77	1.2	0
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26	A Compact Printed UWB MIMO Antenna with Electronically Reconfigurable WLAN Band-Notched Characteristics. <i>Journal of Circuits, Systems and Computers</i> ,2250045	0.9	0
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