

# Madhav Btp

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5694995/madhav-btp-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166  
papers

724  
citations

13  
h-index

17  
g-index

221  
ext. papers

1,140  
ext. citations

1.1  
avg, IF


4.89  
L-index

#	Paper	IF	Citations
166	Study of Pre-monsoon CAPE Development over Puducherry, India. <i>Thalassas</i> , <b>2022</b> , 38, 459	0.9	
165	Liquid crystal and liquid crystal polymer antennas <b>2022</b> , 213-234		
164	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
163	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
162	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
161	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
160	Analysis of Conformal and Metamaterial Based Microstrip Bandpass Filter for Wi-MAX, WBAN and ISM Band Applications. <i>Journal of Communications Technology and Electronics</i> , <b>2022</b> , 67, 443-455	0.5	
159	Studies on birefringence, order parameter and image analysis of liquid crystalline p-n butyloxy/butyl benzoic acid with dispersed ZnO nanoparticles. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2021</b> , 76, 75-98	1.4	
158	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
157	NodeMCU controlled tortoise-shaped bandwidth reconfigurable antenna for 4G and 5G applications. <i>Journal of Instrumentation</i> , <b>2021</b> , 16, P12004	1	2
156	Can Skeletal Joint Positional Ordering Influence Action Recognition on Spectrally Graded CNNs: A Perspective on Achieving Joint Order Independent Learning. <i>IEEE Access</i> , <b>2021</b> , 9, 139611-139626	3.5	
155	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
154	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
153	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
152	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
151	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
150	Design and Analysis of On-Body Wearable Antenna with AMC Backing for ISM Band Applications <b>2021</b> , 91-103		

149	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
148	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
147	Phase shift switching of a miniaturized ultra-wideband hybrid coupler for 5G technology. <i>Microwave and Optical Technology Letters</i> , <b>2021</b> , 63, 437-442	1.2	0
146	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
145	Design and Analysis of Optimized Dimensional MIMO Antenna Using Quasi-Newton Algorithm. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 231-237	0.4	
144	An all-optical ultracompact microring-resonator-based optical switch. <i>Journal of Computational Electronics</i> , <b>2021</b> , 20, 419-425	1.8	4
143	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
142	A Nematic 5CB Liquid Crystal based Dual Band Microstrip Patch Antenna using Moth Flame Optimization. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2021</b> , 1055, 012093	0.4	
141	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
140	WashingDurability:A Study onbrush painted JuteMaterial based Monopole Antenna for On-body Communication Applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012204	0.3	0
139	MIMO Dual Sensing Antenna with Notch Characteristics. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012194	0.3	
138	Effect of ZnO nanoparticles on optical textures and image analysis properties of 7O.O5 liquid crystalline compound. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2021</b> , 76, 349-359	1.4	
137	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
136	Analysis of Triple Band Split Ring Resonator Based Microstrip Bandpass Filter. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012149	0.3	
135	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
134	Design and Analysis of a Circularly polarized flexible, compact and transparent antenna for Vehicular Communication Applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1804, 012192	0.3	0
133	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
132	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

131	An integrated three-antenna structure for 5G, WLAN, LTE and ITU band cognitive radio communication. <i>AEU - International Journal of Electronics and Communications</i> , <b>2021</b> , 139, 153906	2.8	0
130	Design and analysis of a super wideband (0.0980.14 THz) graphene based log periodic dipole array antenna for terahertz applications. <i>Optik</i> , <b>2021</b> , 247, 167991	2.5	1
129	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
128	Study of rainfall over patna region, India during 2013 <b>2021</b> ,		1
127	Sequential Nonlinear Programming Optimization for Circular Polarization in Jute Substrate-Based Monopole Antenna. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 215-221	0.4	
126	Genetic Algorithm-Based Optimization in the Improvement of Wideband Characteristics of MIMO Antenna. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 223-229	0.4	
125	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
124	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
123	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
122	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>1.5</sup>	1.5	14
121	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
120	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
119	Structural and optical properties of ZnO doped CdTe nanopowders for optoelectronic device application. <i>Optik</i> , <b>2020</b> , 206, 164346	2.5	2
118	A miniaturized printed UWB antenna with dual notching for X-b and and aeronautical radio navigation applications. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , <b>2020</b> , 18, 2868	1.4	2
117	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
116	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
115	A novel reconfigurable G shaped patch antenna for wireless IoT applications using BAR64-02W PIN diode. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1706, 012095	0.3	
114	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

113	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
112	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
111	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
110	. <i>IEEE Access</i> , <b>2020</b> , 8, 145871-145880	3.5	20
109	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
108	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
107	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
106	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
105	An IoT Controlled Octahedron Frequency Reconfigurable Multiband Antenna for Microwave Sensing Applications <b>2019</b> , 3, 1-4		14
104	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
103	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
102	Design, optimization and realization of high gain RFID array antenna for detection system of objects in motion. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P05002-P05002	1	6
101	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
100	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
99	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	1.4	8
98	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		5
97	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
96	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

95	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
94	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
93	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
92	 WiMAX $\times$ $\oplus$ $\ominus$ Vestiya Vysshikh Uchebnykh Zavedenii Radioelektronika, <b>2019</b> , 62, 563-573	0	2
91	<b>2019</b> ,		1
90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	Octagonal Shaped Frequency Reconfigurable Antenna for Wi-Fi and Wi-MAX Applications. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 581-588	0.2	
81	Cylindrical Structured Multiple-Input Multiple-Output Dielectric Resonator Antenna. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 589-597	0.2	
80	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
79	Arc-Shaped Monopole Liquid-Crystal Polymer Antenna for Triple-Band Applications. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 797-806	0.2	
78	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



77	Design and Analysis of Compact Circular Half-Ring Monopole Antenna with DGS. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 221-231	0.5	
76	Pre-informed Level Set for Flower Image Segmentation. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 11-20	0.5	3
75	Multiband Fractal Slot Antenna with Closed Ground Structure. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 75-83	0.5	1
74	Frequency-Selective Surface-Based Wideband High-Gain Antenna. <i>Smart Innovation, Systems and Technologies</i> , <b>2018</b> , 85-94	0.5	
73	Design and Analysis of Circular Notch Band DGS Monopole Antenna. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 409-417	0.2	
72	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
71	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
70	Band-Notched Circular Serrated Wideband Antenna. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 555-563.2		
69	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
68	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
67	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
66	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
65	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
64	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
63	"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
62	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
61	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
60	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

59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	Synthesis, characterization and phase transition studies in 4-hexyloxy benzylidene 4-alkoxyanilines. <i>Phase Transitions</i> , <b>2017</b> , 90, 244-255	1.3	1
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	Tree shaped fractal antenna with multiband characteristics. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2017</b> , 7, 333	0.8	2
43	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
42	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



41	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
40	Enhancement of CPW-fed inverted L-shaped UWB antenna performance characteristics using partial substrate removal technique <b>2016</b> ,		3
39	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
38	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
37	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
36	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
35	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
34	HIGH BANDWIDTH CIRCULARLY POLARIZED X-SLOT ANTENNA. <i>Far East Journal of Electronics and Communications</i> , <b>2016</b> , 16, 561-572	0	2
33	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
32	Bandwidth Enhanced Antipodal Vivaldi Antenna for Wide Band Communication Applications. <i>Indian Journal of Science and Technology</i> , <b>2016</b> , 9,	1	2
31	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
30	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
29	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
28	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
27	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
26	Defected Ground Structured Monopole Antenna for Broadcasting Satellite Communication Applications. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2015</b> , 11, 488-494	0.2	
25	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
24	Multispectral correlations technique for finding phase transition temperatures in 7O.0m series. <i>Liquid Crystals Today</i> , <b>2015</b> , 24, 38-46	1.9	4

23	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
22	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
21	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
20	Analytical Study on Folded-Slot Koch Fractal Antenna. <i>Indian Journal of Science and Technology</i> , <b>2015</b> , 8,	1	2
19	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
18	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
17	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
16	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
15	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
14	Liquid Crystal Polymer dual band pan slot antenna <b>2012</b> ,		1
13	Planar Dipole Antenna on Liquid Crystal Polymer Substrate at 2.4 GHz. <i>Solid State Phenomena</i> , <b>2011</b> , 181-182, 289-292	0.4	
12	Computation of Molecular Free Length (L f) and Molecular Radius (M r) of p-n-Alkoxy Benzoic Acids. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 524, 166-175	0.5	8
11	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
10	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
9	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
8	MEMS-based reconfigurable and flexible antenna for body-centric wearable applications. <i>Journal of Electromagnetic Waves and Applications</i> , 1-15	1.3	0
7	SYNTHESIS AND CHARACTERIZATION OF THIOL - CAPPED SILVER NANOPARTICLES AND THEIR EFFECT ON LIQUID CRYSTALS. <i>Rasayan Journal of Chemistry</i> ,	1.6	2
6	A Micro-Sized Rhombus-Shaped THz Antenna for High-Speed Short-Range Wireless Communication Applications. <i>Plasmonics</i> , 1	2.4	5

5	Identification of thermo optical parameters of 8ocb pure and nano dispersed liquid crystalline compound using image processing based IME method. <i>Molecular Crystals and Liquid Crystals</i> ,1-21	0.5	
4	Variation of Thermodynamic Indices Over Four Stations of Bangladesh. <i>Thalassas</i> ,1	0.9	0
3	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
2	Flexible and Conformal Metamaterial based Microwave Absorber for WLAN, Wi-MAX and ISM Band Applications. <i>Materials Technology</i> ,1-18	2.1	1
1	An FSS Based Broadband Elliptical Tree Shaped Antenna with Augmented Gain for Wireless Applications. <i>IETE Journal of Research</i> ,1-13	0.9	0