Liton Chandra Paul

List of Publications by Year
in descending order

70	420	1684188 5	1281871 11
papers	citations	h-index	g-index

70	70	70	149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective dispatch strategies assortment according to the effect of the operation for an islanded hybrid microgrid. Energy Conversion and Management: X, 2022, 14, 100192.	1.6	17
2	A Smart Multi-user Wireless Nurse Calling System and E-Notice Board for Health Care Management. Lecture Notes in Networks and Systems, 2022, , 421-431.	0.7	1
3	Energy efficient data detection with low complexity for an uplink multi-user massive MIMO system. Computers and Electrical Engineering, 2022, 101, 108045.	4.8	4
4	A 1 Ã— 2 Rectangular Patch Array Antenna for 6 GHz WiFi Applications. , 2022, , .		0
5	A Wideband Inset-fed Simple Patch Antenna for Sub-6 GHz Band Applications. , 2022, , .		2
6	An Omni-directional Rectangular Patch Antenna for 5G/WiFi/WiMAX Applications. , 2022, , .		3
7	A H-shaped Slotted Circular Patch Antenna for Sub-6 GHz Applications. , 2022, , .		1
8	A Plowing T-shaped Patch Antenna for WiFi and C Band Applications. , 2021, , .		6
9	Ischemic Brain Stroke Detection from MRI Image using Logistic Regression Classifier. , 2021, , .		1
10	A dielectric resonator based line stripe miniaturized ultraâ€wideband antenna for fifthâ€generation applications. International Journal of Communication Systems, 2021, 34, e4740.	2.5	7
11	A dielectric resonator based line stripe miniaturized ultraâ€wideband antenna for fifthâ€generation applications. International Journal of Communication Systems, 2021, 34, e5013.	2.5	1
12	A Wideband Rectangular Microstrip Patch Antenna with Partial Ground Plane for 5G Applications. , 2021, , .		13
13	A Super Wideband Directional Compact Vivaldi Antenna for Lower 5G and Satellite Applications. International Journal of Antennas and Propagation, 2021, 2021, 1-12.	1.2	11
14	Optimal Sizing and Assessment of a Renewable Rich Standalone Hybrid Microgrid Considering Conventional Dispatch Methodologies. Sustainability, 2021, 13, 12734.	3.2	16
15	A Wideband Microstrip Patch Antenna with Slotted Ground Plane for 5G Application. , 2021, , .		11
16	A Low Profile Microstrip Patch Antenna with DGS for 5G Application. , 2021, , .		6
17	A Dual Blade-shaped Patch Directional Array Antenna for 5G Communication. , 2021, , .		6
18	A Compact Slotted Circular Patch Antenna for 5G Applications. , 2021, , .		5

#	Article	IF	Citations
19	An Aperture Coupled Compact Cylindrical Dielectric Resonator Antenna for WiGig Application. , 2021, , .		0
20	A High Gain Array Antenna for 28 GHz Upper 5G Application. , 2021, , .		7
21	A Wideband Microstrip Line Feed Slotted Patch Antenna for 28 GHz 5G Applications. , 2021, , .		9
22	An Omni-directional Novel-shaped Patch Antenna with a Parasitic Element for 5G Communication. , 2021, , .		0
23	A Triple T-topped Planar Antenna for 5G/WiMAX Applications. , 2021, , .		1
24	An Efficient Low-volume Omni-directional Wideband Patch Array Antenna for 5G Applications. , 2021, , .		2
25	A Fast Charging Icon-shaped Slotted Patch Antenna for Bluetooth/Wi-Fi/WiMAX Applications. , 2021, , .		1
26	A Compact Wideband Slotted Hexagonal Patch Antenna with a Modified Ground Structure for WiFi-5/6 Communication. , 2021, , .		4
27	A Slotted Patch Array Antenna with a Partial Ground Plane for WiFi/Bluetooth/Zigbee Applications. , 2021, , .		2
28	Analysis of Slotted E-shaped Microstrip Patch Antenna for Ku Band Applications. , 2021, , .		5
29	Broadband Corrugated Modified Vivaldi Antenna for Microwave based Imaging Applications. , 2021, , .		1
30	A Wideband Rose-shaped Patch Antenna with a Ground Slot for Sub-6 GHz Applications. , 2021, , .		2
31	A Double T-shaped Wideband Microstrip Patch Antenna with a Modified Ground Plane for 5G Applications. , 2021, , .		3
32	A Low Profile Wideband Planar Antenna for 5G Wireless Communication Applications. , 2020, , .		6
33	Design of High Gain Microstrip Array Antenna and Beam Steering for X Band RADAR Application. , 2020, , .		6
34	A Circular Shaped Microstrip Line Fed Miniaturized Patch Antenna for 5G Applications. , 2020, , .		7
35	Low Profile Multi-slotted Patch Antenna for Lower 5G Application. , 2020, , .		9
36	A Voltage Dependent Meander Line Dipole Antenna with Improve Read Range as a Passive RFID Tag. Lecture Notes in Networks and Systems, 2020, , 123-138.	0.7	1

#	Article	IF	Citations
37	Effect of Path Loss Models on Performance of 5G Compatible MIMO WINDOW-OFDM Systems. , 2020, , .		3
38	An ITO Based High Gain Optically Transparent Wide Band Microstrip Antenna for K Band Satellite Communication. , 2019, , .		9
39	Breast Cancer Detection & Tumor Localization Using Four Flexible Microstrip Patch Antennas. , 2019, , .		6
40	A Novel Miniaturized Coplanar Waveguide Fed Tapered Slot Ultra Wide Band Vivaldi Antenna For Microwave Imaging Applications. , 2019, , .		5
41	Performance Evaluation of a Wearable 2.45 GHz Planar Printed Meandering Monopole Textile Antenna on Flexible Substrates. , 2019, , .		8
42	Human Brain Tumor Detection Using CPW Fed UWB Vivaldi Antenna. , 2019, , .		7
43	A Modified E-Shaped Microstrip Patch Antenna for C Band Satellite Applications. , 2019, , .		5
44	Wideband Inset Fed Slotted Patch Microstrip Antenna for ISM Band Applications. , 2019, , .		4
45	Energy-Efficient Hybrid Precoding Analysis in 5G mmWave massive MIMO Systems with Large Antenna Arrays. , 2019, , .		1
46	Energy-Efficient Hybrid Precoding Analysis in 5G mmWave massive MIMO Systems in Different Channels. , 2019, , .		2
47	Wideband Microstrip Yagi-Uda Array Antenna with High Gain and F/B Ratio for 5 GHz Wi-Fi Band Applications. , 2018, , .		7
48	The Analysis of EM Absorption for Biological Tissue due to RF Radiation Measured Inside the Enclosed Metallic Chamber. , 2018, , .		0
49	Design and Performance Exploration of a DGS Metamaterial MPA by Etching Four Dual Isosceles Triangular Defects on the Ground Plane. , 2018, , .		2
50	Investigation of the Dependency of an Inset Feed Rectangular Patch Antenna Parameters With the Variation of Notch Width for WiMax Applications. , 2018, , .		10
51	Robust adaptive backstepping controller design for PWM based DC-DC buck converter based on projection method. , 2017, , .		3
52	Adaptive controller design for speed control of DC motors driven by a DC-DC buck converter. , 2017, , .		21
53	Effect of human body on an 800 MHz inset fed rectangular microstrip patch antenna characteristics. , 2017, , .		1
54	Nonlinear adaptive backstepping controller design for grid currents regulation of a CSI based PV system with external disturbances. , 2017, , .		2

#	Article	IF	Citations
55	Nonlinear adaptive backstepping controller design for trajectory flight control of UAHs. , 2017, , .		1
56	RF absorption in biological tissue at varying distances and angles and rapport to tissue impedance. , 2017, , .		2
57	Proposal and characterisation of a CPW feed miniaturized implantable patch antenna for biomedical applications. , 2017, , .		1
58	Proposal of wide bandwidth and very miniaturized having dimension of Î¼m range slotted patch THz microstrip antenna using PBG substrate and DGS. , 2017, , .		18
59	Graphene based high gain and small size grounded coplanar waveguide feed patch antenna for millimeter wave applications. , 2017, , .		7
60	Design and analysis of four elements E, H and combined E-H shaped microstrip patch array antenna for wireless applications. , 2017, , .		4
61	Millimeter-wave hexagonal grid microstrip array antenna for 5G communication. , 2017, , .		13
62	Design a slotted metamaterial microstrip patch antenna by creating three dual isosceles triangular slots on the patch and bandwidth enhancement. , 2017, , .		3
63	Design and simulation of different shaped (S, E, C and combined S-E-C) multiband MPA array using advanced design system. , 2017, , .		4
64	Robust nonlinear adaptive backstepping controller design for unmanned autonomous vehicles. , 2016, , .		0
65	An investigation of SAR inside human heart for antenna directivity, surface current variations and effect on antenna frequency in presence of heart. , 2016, , .		1
66	Nonlinear adaptive controller design for velocity control of a DC motor driven by a DC-DC buck converter using backstepping approach. , 2016, , .		17
67	Total efficiency comparison of different shaped microstrip patch antennas having Defected Ground Structure. , 2015, , .		4
68	The Effect of Changing Substrate Material and Thickness on the Performance of Inset Feed Microstrip Patch Antenna. American Journal of Networks and Communications, 2015, 4, 54.	0.2	68
69	DFT Based Channel Estimation Analysis in OFDM Supported Wireless Communication System. International Journal of Hybrid Information Technology, 2014, 7, 391-400.	0.6	2
70	Comparative Performance Analysis of Different Modulation Techniques for PAPR Reduction of OFDM Signal. International Journal of Computer Networks and Communications, 2014, 6, 59-69.	0.3	2