

Liton Chandra Paul

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

420
citations

1684188

5
h-index

1281871

11
g-index

70
all docs

70
docs citations

70
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Adaptive controller design for speed control of DC motors driven by a DC-DC buck converter. , 2017, , .		21
3	Proposal of wide bandwidth and very miniaturized having dimension of $\lambda/4$ m range slotted patch THz microstrip antenna using PBC substrate and DGS. , 2017, , .		18
4	Nonlinear adaptive controller design for velocity control of a DC motor driven by a DC-DC buck converter using backstepping approach. , 2016, , .		17
5	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
6	Optimal Sizing and Assessment of a Renewable Rich Standalone Hybrid Microgrid Considering Conventional Dispatch Methodologies. Sustainability, 2021, 13, 12734.	3.2	16
7	Millimeter-wave hexagonal grid microstrip array antenna for 5G communication. , 2017, , .		13
8	A Wideband Rectangular Microstrip Patch Antenna with Partial Ground Plane for 5G Applications. , 2021, , .		13
9	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
10	A Wideband Microstrip Patch Antenna with Slotted Ground Plane for 5G Application. , 2021, , .		11
11	Investigation of the Dependency of an Inset Feed Rectangular Patch Antenna Parameters With the Variation of Notch Width for WiMax Applications. , 2018, , .		10
12	An ITO Based High Gain Optically Transparent Wide Band Microstrip Antenna for K Band Satellite Communication. , 2019, , .		9
13	Low Profile Multi-slotted Patch Antenna for Lower 5G Application. , 2020, , .		9
14	A Wideband Microstrip Line Feed Slotted Patch Antenna for 28 GHz 5G Applications. , 2021, , .		9
15	Performance Evaluation of a Wearable 2.45 GHz Planar Printed Meandering Monopole Textile Antenna on Flexible Substrates. , 2019, , .		8
16	Graphene based high gain and small size grounded coplanar waveguide feed patch antenna for millimeter wave applications. , 2017, , .		7
17	Wideband Microstrip Yagi-Uda Array Antenna with High Gain and F/B Ratio for 5 GHz Wi-Fi Band Applications. , 2018, , .		7
18	Human Brain Tumor Detection Using CPW Fed UWB Vivaldi Antenna. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
19	A dielectric resonator based line stripe miniaturized ultra-wideband antenna for fifth-generation applications. International Journal of Communication Systems, 2021, 34, e4740.	2.5	7
20	A Circular Shaped Microstrip Line Fed Miniaturized Patch Antenna for 5G Applications. , 2020, , .		7
21	A High Gain Array Antenna for 28 GHz Upper 5G Application. , 2021, , .		7
22	Breast Cancer Detection & Tumor Localization Using Four Flexible Microstrip Patch Antennas. , 2019, , .		6
23	A Low Profile Wideband Planar Antenna for 5G Wireless Communication Applications. , 2020, , .		6
24	A Plowing T-shaped Patch Antenna for WiFi and C Band Applications. , 2021, , .		6
25	Design of High Gain Microstrip Array Antenna and Beam Steering for X Band RADAR Application. , 2020, , .		6
26	A Low Profile Microstrip Patch Antenna with DGS for 5G Application. , 2021, , .		6
27	A Dual Blade-shaped Patch Directional Array Antenna for 5G Communication. , 2021, , .		6
28	A Novel Miniaturized Coplanar Waveguide Fed Tapered Slot Ultra Wide Band Vivaldi Antenna For Microwave Imaging Applications. , 2019, , .		5
29	A Modified E-Shaped Microstrip Patch Antenna for C Band Satellite Applications. , 2019, , .		5
30	A Compact Slotted Circular Patch Antenna for 5G Applications. , 2021, , .		5
31	Analysis of Slotted E-shaped Microstrip Patch Antenna for Ku Band Applications. , 2021, , .		5
32	Total efficiency comparison of different shaped microstrip patch antennas having Defected Ground Structure. , 2015, , .		4
33	Design and analysis of four elements E, H and combined E-H shaped microstrip patch array antenna for wireless applications. , 2017, , .		4
34	Design and simulation of different shaped (S, E, C and combined S-E-C) multiband MPA array using advanced design system. , 2017, , .		4
35	Wideband Inset Fed Slotted Patch Microstrip Antenna for ISM Band Applications. , 2019, , .		4
36	A Compact Wideband Slotted Hexagonal Patch Antenna with a Modified Ground Structure for WiFi-5/6 Communication. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
37	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
38	Robust adaptive backstepping controller design for PWM based DC-DC buck converter based on projection method. , 2017, , .		3
39	Design a slotted metamaterial microstrip patch antenna by creating three dual isosceles triangular slots on the patch and bandwidth enhancement. , 2017, , .		3
40	Effect of Path Loss Models on Performance of 5G Compatible MIMO WINDOW-OFDM Systems. , 2020, , .		3
41	A Double T-shaped Wideband Microstrip Patch Antenna with a Modified Ground Plane for 5G Applications. , 2021, , .		3
42	An Omni-directional Rectangular Patch Antenna for 5G/WiFi/WiMAX Applications. , 2022, , .		3
43	Nonlinear adaptive backstepping controller design for grid currents regulation of a CSI based PV system with external disturbances. , 2017, , .		2
44	RF absorption in biological tissue at varying distances and angles and rapport to tissue impedance. , 2017, , .		2
45	Design and Performance Exploration of a DGS Metamaterial MPA by Etching Four Dual Isosceles Triangular Defects on the Ground Plane. , 2018, , .		2
46	DFT Based Channel Estimation Analysis in OFDM Supported Wireless Communication System. International Journal of Hybrid Information Technology, 2014, 7, 391-400.	0.6	2
47	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
48	Energy-Efficient Hybrid Precoding Analysis in 5G mmWave massive MIMO Systems in Different Channels. , 2019, , .		2
49	An Efficient Low-volume Omni-directional Wideband Patch Array Antenna for 5G Applications. , 2021, , .		2
50	A Slotted Patch Array Antenna with a Partial Ground Plane for WiFi/Bluetooth/Zigbee Applications. , 2021, , .		2
51	A Wideband Rose-shaped Patch Antenna with a Ground Slot for Sub-6 GHz Applications. , 2021, , .		2
52	A Wideband Inset-fed Simple Patch Antenna for Sub-6 GHz Band Applications. , 2022, , .		2
53	An investigation of SAR inside human heart for antenna directivity, surface current variations and effect on antenna frequency in presence of heart. , 2016, , .		1
54	Effect of human body on an 800 MHz inset fed rectangular microstrip patch antenna characteristics. , 2017, , .		1

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55	Nonlinear adaptive backstepping controller design for trajectory flight control of UAHs. , 2017, , .		1
56	Proposal and characterisation of a CPW feed miniaturized implantable patch antenna for biomedical applications. , 2017, , .		1
57	Ischemic Brain Stroke Detection from MRI Image using Logistic Regression Classifier. , 2021, , .		1
58	A dielectric resonator based line stripe miniaturized ultra-wideband antenna for fifth-generation applications. International Journal of Communication Systems, 2021, 34, e5013.	2.5	1
59	Energy-Efficient Hybrid Precoding Analysis in 5G mmWave massive MIMO Systems with Large Antenna Arrays. , 2019, , .		1
60	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
61	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
62	A Triple T-topped Planar Antenna for 5G/WiMAX Applications. , 2021, , .		1
63	A Fast Charging Icon-shaped Slotted Patch Antenna for Bluetooth/Wi-Fi/WiMAX Applications. , 2021, , .		1
64	Broadband Corrugated Modified Vivaldi Antenna for Microwave based Imaging Applications. , 2021, , .		1
65	A H-shaped Slotted Circular Patch Antenna for Sub-6 GHz Applications. , 2022, , .		1
66	Robust nonlinear adaptive backstepping controller design for unmanned autonomous vehicles. , 2016, , .		0
67	The Analysis of EM Absorption for Biological Tissue due to RF Radiation Measured Inside the Enclosed Metallic Chamber. , 2018, , .		0
68	An Aperture Coupled Compact Cylindrical Dielectric Resonator Antenna for WiGig Application. , 2021, , .		0
69	An Omni-directional Novel-shaped Patch Antenna with a Parasitic Element for 5G Communication. , 2021, , .		0
70	A 1 × 2 Rectangular Patch Array Antenna for 6 GHz WiFi Applications. , 2022, , .		0