

Tanweer Ali

List of Publications by Year in descending order

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91
papers

1,464
citations

331538

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360920

35
g-index

91
all docs

91
docs citations

91
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	A miniaturized metamaterial slot antenna for wireless applications. AEU - International Journal of Electronics and Communications, 2017, 82, 368-382.	1.7	76
2	A multiband reconfigurable slot antenna for wireless applications. AEU - International Journal of Electronics and Communications, 2018, 84, 273-280.	1.7	76
3	Electromagnetic Metamaterials: A New Paradigm of Antenna Design. IEEE Access, 2021, 9, 18722-18751.	2.6	71
4	Compact multiband CPW fed monopole antenna with square ring and T-shaped strips. Microwave and Optical Technology Letters, 2020, 62, 926-932.	0.9	68
5	Design Techniques of Super-Wideband Antenna—Existing and Future Prospective. IEEE Access, 2019, 7, 141241-141257.	2.6	62
6	A fractal quad-band antenna loaded with L-shaped slot and metamaterial for wireless applications. International Journal of Microwave and Wireless Technologies, 2018, 10, 826-834.	1.5	59
7	A compact multiband antenna using 4 rectangular stub loaded with metamaterial for IEEE 802.11N and IEEE 802.16E. Microwave and Optical Technology Letters, 2017, 59, 1000-1006.	0.9	58
8	A multiband antenna loaded with metamaterial and slots for GPS/WLAN/WiMAX applications. Microwave and Optical Technology Letters, 2018, 60, 79-85.	0.9	57
9	A compact hexagonal slot dual band frequency reconfigurable antenna for WLAN applications. Microwave and Optical Technology Letters, 2017, 59, 958-964.	0.9	49
10	Fractal Antennas: An Historical Perspective. Fractal and Fractional, 2020, 4, 3.	1.6	44
11	Automated Detection of Covid-19 from Chest X-ray scans using an optimized CNN architecture. Applied Soft Computing Journal, 2021, 104, 107238.	4.1	44
12	A triple-band highly miniaturized antenna for WiMAX/WLAN applications. Microwave and Optical Technology Letters, 2018, 60, 466-471.	0.9	39
13	A MINIATURIZED VOLKSWAGEN LOGO UWB ANTENNA WITH SLOTTED GROUND STRUCTURE AND METAMATERIAL FOR GPS, WIMAX AND WLAN APPLICATIONS. Progress in Electromagnetics Research C, 2017, 72, 29-41.	0.6	38
14	A uniquely shaped MIMO antenna on FR4 material to enhance isolation and bandwidth for wireless applications. AEU - International Journal of Electronics and Communications, 2020, 123, 153316.	1.7	38
15	Design and Analysis of Super Wideband Antenna for Microwave Applications. Sensors, 2021, 21, 477.	2.1	37
16	A miniaturized multiband reconfigurable fractal slot antenna for GPS/GNSS/Bluetooth/WiMAX/X-band applications. AEU - International Journal of Electronics and Communications, 2018, 94, 234-243.	1.7	35
17	Multiband, frequency reconfigurable, and metamaterial antennas design techniques: Present and future research directions. Internet Technology Letters, 2018, 1, e19.	1.4	32
18	A slotted UWB monopole antenna with truncated ground plane for breast cancer detection. AEJ - Alexandria Engineering Journal, 2020, 59, 3767-3780.	3.4	30

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19	A miniaturized slotted multiband antenna for wireless applications. Journal of Computational Electronics, 2018, 17, 1056-1070.	1.3	27
20	A MINIATURIZED DECAGONAL SIERPINSKI UWB FRACTAL ANTENNA. Progress in Electromagnetics Research C, 2018, 84, 161-174.	0.6	24
21	Ultrawideband Antennas: Growth and Evolution. Micromachines, 2022, 13, 60.	1.4	24
22	A compact decagonal-shaped UWB monopole planar antenna with truncated ground plane. Microwave and Optical Technology Letters, 2018, 60, 2937-2944.	0.9	23
23	A compact four-element MIMO antenna for WLAN/WiMAX/satellite applications. International Journal of Communication Systems, 2020, 33, e4506.	1.6	23
24	A miniaturized slotted ground structure UWB antenna for multiband applications. Microwave and Optical Technology Letters, 2018, 60, 2060-2068.	0.9	22
25	A Compact Dual-Band Notched UWB Antenna for Wireless Applications. Micromachines, 2022, 13, 12.	1.4	22
26	Flexible Substrate based Printed Wearable Antennas for Wireless Body Area Networks Medical Applications (Review). Radioelectronics and Communications Systems, 2021, 64, 337-350.	0.3	21
27	Novel ensemble of optimized CNN and dynamic selection techniques for accurate Covid-19 screening using chest CT images. Computers in Biology and Medicine, 2021, 137, 104835.	3.9	19
28	A A Compact Bandwidth Enhanced Antenna Loaded with SRR For WLAN/WiMAX/Satellite Applications. Advanced Electromagnetics, 2018, 7, 78-84.	0.7	19
29	A miniaturized slotted ground fractal Koch multiband antenna for wireless applications. , 2017, , .		18
30	A compact slotted multiband antenna for L-band and WLAN applications. , 2017, , .		18
31	ULTRAWIDEBAND ANTENNA IN WIRELESS COMMUNICATION: A REVIEW AND CURRENT STATE OF THE ART. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2020, 79, 929-942.	0.2	18
32	Diode Based Reconfigurable Microwave Filters for Cognitive Radio Applications: A Review. IEEE Access, 2020, 8, 185429-185444.	2.6	17
33	Split Ring Resonator-Based Bandstop Filter for Improving Isolation in Compact MIMO Antenna. Sensors, 2021, 21, 2256.	2.1	16
34	A compact two element MIMO antenna with improved isolation for wireless applications. Journal of Instrumentation, 2019, 14, P06014-P06014.	0.5	15
35	A Review on Gain Enhancement Techniques for Vertically Polarized Mid-Air Collision Avoidance Antenna for Airborne Applications. IEEE Access, 2021, 9, 30761-30792.	2.6	15
36	A Multiband Slot Antenna loaded with Stubs for WLAN/WiMAX/Satellite TV Applications. Advanced Electromagnetics, 2018, 7, 74-81.	0.7	15

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37	A CPW fed two and four element antenna with reduced mutual coupling between the antenna elements for wireless applications. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	14
38	A miniaturized truncated ground plane concentric ring shaped UWB antenna for wireless applications. , 2017, , .		13
39	A Multiband Antenna Stacked with Novel Metamaterial SCSRR and CSSRR for WiMAX/WLAN Applications. Micromachines, 2021, 12, 113.	1.4	12
40	A novel metamaterial rectangular CSRR with pass band characteristics at 2.95 and 5.23 GHz. , 2017, , .		11
41	A compact multiband band slot antenna for wireless applications. Internet Technology Letters, 2019, 2, e94.	1.4	11
42	Design of SWB Antenna with Triple Band Notch Characteristics for Multipurpose Wireless Applications. Applied Sciences (Switzerland), 2021, 11, 711.	1.3	11
43	Bandstop Filter Decoupling Technique for Miniaturized Reconfigurable MIMO Antenna. IEEE Access, 2022, 10, 19060-19071.	2.6	11
44	A miniaturized circularly polarized coaxial fed superstrate slot antenna for L-band application. Internet Technology Letters, 2018, 1, e21.	1.4	10
45	A Metamaterial based Multiband Frequency Reconfigurable Antenna for Wireless Applications. , 2018, , .		9
46	A compact wideband antenna with detailed time domain analysis for wireless applications. Ain Shams Engineering Journal, 2020, 11, 1131-1138.	3.5	9
47	Stacked T-Shaped Strips Compact Antenna for WLAN and WiMAX Applications. Wireless Personal Communications, 2022, 123, 1523-1536.	1.8	8
48	A novel clustering method for fault recovery and routing in mobile ad-hoc networks. International Journal of Communication Systems, 2021, 34, e4937.	1.6	7
49	A Corner truncated circularly polarized antenna for IRNSS application. , 2017, , .		6
50	A miniaturized single-layered branched multiple-input multiple-output antenna for WLAN/WiMAX/INSAT applications. Microwave and Optical Technology Letters, 2019, 61, 1058-1064.	0.9	6
51	Design and Analysis of Two Novel Metamaterial Unit Cell for Antenna Engineering. , 2018, , .		5
52	A compact coaxial fed metamaterial antenna for wireless applications. Journal of Instrumentation, 2019, 14, P06025-P06025.	0.5	5
53	A Toyota Logo Penta-band Antenna loaded with pi and inverted L-shaped Slots for Multiple Wireless Applications. , 2018, , .		4
54	A Dual-Band Modified Franklin mm-Wave Antenna for 5G Wireless Applications. Applied Sciences (Switzerland), 2021, 11, 693.	1.3	4

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55	A circular monopole patch antenna loaded with inverted L-shaped stub for GPS application. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1950-1957.	0.6	4
56	A novel compact ultrawide band filter for reconfigurable notches. Microwave and Optical Technology Letters, 2015, 57, 88-91.	0.9	3
57	A novel planar antenna array for a ground-based synthetic aperture radar. Serbian Journal of Electrical Engineering, 2019, 16, 195-209.	0.2	3
58	A Rectangular Patch Antenna based on Flexible and Non-Flexible Substrates for Wireless Applications. International Journal of Recent Technology and Engineering, 2019, 8, 8796-8804.	0.2	3
59	A double negative metamaterial antenna for WiMAX application. , 2017, , .		2
60	A Novel LCP substrate dual band antenna loaded with T-shaped resonator and Circular slot. , 2018, , .		2
61	A Dual band Metamaterial Antenna for 5G and Higher Satellite band Applications. , 2018, , .		2
62	A Compact Maple leaf Shaped Multiband Antenna Loaded with dodecagonal slot for Wireless Applications. , 2018, , .		2
63	Analysis of Dual Semicircle Shape CSRR Sensor for Dent Detection on Teflon Coated Metal Surfaces. Wireless Personal Communications, 2021, 118, 2885-2896.	1.8	2
64	A Microstrip Patch Antenna with Enhanced Bandwidth for Millimeter Wave 5G Application. Journal of Physics: Conference Series, 2020, 1706, 012101.	0.3	2
65	A triple band rectangular shaped patch antenna for GNSS/WiMAX applications. AIP Conference Proceedings, 2020, , .	0.3	2
66	A 20-44 GHz Wideband LNA Design Using the SiGe Technology for 5G Millimeter-Wave Applications. Micromachines, 2021, 12, 1520.	1.4	2
67	A slotted multiband antenna with wide-bandwidth operation at lower band for WLAN/WiMAX applications. , 2017, , .		1
68	A Compact Reconfigurable Dual band mm-wave 5G Antenna. , 2018, , .		1
69	A Highly Compact Step Slotted Wideband Monopole Antenna for WiMAX/C-band/WLAN Applications. , 2018, , .		1
70	A Compact Multiband Antenna loaded with Etype unit cell DGS structure and H-shaped slot for WiMAX/WLAN Applications. , 2018, , .		1
71	A Miniaturized Dual band Antenna loaded with L and G-shaped slots for WiMAX/WLAN Applications. , 2018, , .		1
72	A robust pre-coding and hybrid equalization assisted MIMO-MU visible light communication system for QoS centric indoor communication. Telecommunication Systems, 2019, 72, 457-470.	1.6	1

#	ARTICLE	IF	CITATIONS
73	A Compact Planar Wideband Monopole Antenna with dipole like radiation characteristics for Wireless Applications. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012102.	0.3	1
74	An Analysis of Metaheuristic Algorithms Used for the Recovery of a Failed Antenna Element in an Antenna Array. International Journal on Communications Antenna and Propagation, 2019, 9, 409.	0.2	1
75	A Dermoscopic Inspired System for Localization and Malignancy Classification of Melanocytic Lesions. Applied Sciences (Switzerland), 2022, 12, 4243.	1.3	1
76	UWB-MIMO antenna for wireless communication systems with isolation enhancement using metamaterial. , 2022, , .		1
77	Design of three metasurface acting as left-handed material for reconfigurable antenna. , 2016, , .		0
78	A novel frequency reconfigurable rectangular step slotted antenna for WLAN/ITU. , 2016, , .		0
79	Time-Domain Analysis of a U-Shaped Wideband Monopole Antenna operating in the range 6.9-8.2GHz for Satellite Applications. , 2018, , .		0
80	A Compact Planar Metamaterial Inspired Antenna for Satellite Applications. , 2018, , .		0
81	A Compact Quad band Slot Antenna for WLAN/WiMAX/X-band Applications. , 2018, , .		0
82	A Compact low Profile Rectangular Shaped Octa-band Planar Antenna for Wireless Applications. , 2018, , .		0
83	A Compact Hept-band Slot Antenna for Wireless Applications. , 2018, , .		0
84	A Slotted Quad Band MSPA for WiMAX and C/X-band Applications. , 2018, , .		0
85	A highly Compact Triple band Antenna for diverse Wireless Applications. , 2018, , .		0
86	A Compact Planar Triple band slotted Antenna for Wireless Applications. , 2018, , .		0
87	A planar rectangular slot multiband patch antenna for GNSS/WLAN/X-band applications. Materials Today: Proceedings, 2020, 28, 2279-2285.	0.9	0
88	A compact rectangular slot Yagi-Uda antenna for wireless applications. Journal of Instrumentation, 2020, 15, P02026-P02026.	0.5	0
89	A patch antenna suitable for satellite applications. AIP Conference Proceedings, 2020, , .	0.3	0
90	Quad band operated microstrip patch antenna for WiMAX application. Journal of Physics: Conference Series, 2020, 1706, 012108.	0.3	0

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91	Performance Characterization of a Microstrip Patch Antenna on Multiple Substrate. Lecture Notes in Electrical Engineering, 2020, , 79-89.	0.3	0