

Tanweer Ali

List of Publications by Year in descending order

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91
papers

1,464
citations

331538

21
h-index

360920

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91
all docs

91
docs citations

91
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	Stacked T-Shaped Strips Compact Antenna for WLAN and WiMAX Applications. <i>Wireless Personal Communications</i> , 2022, 123, 1523-1536.	1.8	8
2	Bandstop Filter Decoupling Technique for Miniaturized Reconfigurable MIMO Antenna. <i>IEEE Access</i> , 2022, 10, 19060-19071.	2.6	11
3	A Compact Dual-Band Notched UWB Antenna for Wireless Applications. <i>Micromachines</i> , 2022, 13, 12.	1.4	22
4	Ultrawideband Antennas: Growth and Evolution. <i>Micromachines</i> , 2022, 13, 60.	1.4	24
5	A Dermoscopic Inspired System for Localization and Malignancy Classification of Melanocytic Lesions. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4243.	1.3	1
6	UWB-MIMO antenna for wireless communication systems with isolation enhancement using metamaterial. , 2022, , .		1
7	Design of SWB Antenna with Triple Band Notch Characteristics for Multipurpose Wireless Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 711.	1.3	11
8	Electromagnetic Metamaterials: A New Paradigm of Antenna Design. <i>IEEE Access</i> , 2021, 9, 18722-18751.	2.6	71
9	Design and Analysis of Super Wideband Antenna for Microwave Applications. <i>Sensors</i> , 2021, 21, 477.	2.1	37
10	A CPW fed two and four element antenna with reduced mutual coupling between the antenna elements for wireless applications. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	14
11	Analysis of Dual Semicircle Shape CSRR Sensor for Dent Detection on Teflon Coated Metal Surfaces. <i>Wireless Personal Communications</i> , 2021, 118, 2885-2896.	1.8	2
12	Split Ring Resonator-Based Bandstop Filter for Improving Isolation in Compact MIMO Antenna. <i>Sensors</i> , 2021, 21, 2256.	2.1	16
13	Automated Detection of Covid-19 from Chest X-ray scans using an optimized CNN architecture. <i>Applied Soft Computing Journal</i> , 2021, 104, 107238.	4.1	44
14	A novel clustering method for fault recovery and routing in mobile ad-hoc networks. <i>International Journal of Communication Systems</i> , 2021, 34, e4937.	1.6	7
15	Flexible Substrate based Printed Wearable Antennas for Wireless Body Area Networks Medical Applications (Review). <i>Radioelectronics and Communications Systems</i> , 2021, 64, 337-350.	0.3	21
16	Novel ensemble of optimized CNN and dynamic selection techniques for accurate Covid-19 screening using chest CT images. <i>Computers in Biology and Medicine</i> , 2021, 137, 104835.	3.9	19
17	A Multiband Antenna Stacked with Novel Metamaterial SCSRR and CSSRR for WiMAX/WLAN Applications. <i>Micromachines</i> , 2021, 12, 113.	1.4	12
18	A Dual-Band Modified Franklin mm-Wave Antenna for 5G Wireless Applications. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 693.	1.3	4

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19	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
20	A 20â€“44 GHz Wideband LNA Design Using the SiGe Technology for 5G Millimeter-Wave Applications. Micromachines, 2021, 12, 1520.	1.4	2
21	Compact multiband CPW fed monopole antenna with square ring and Tâ€šshaped strips. Microwave and Optical Technology Letters, 2020, 62, 926-932.	0.9	68
22	A slotted UWB monopole antenna with truncated ground plane for breast cancer detection. AEJ - Alexandria Engineering Journal, 2020, 59, 3767-3780.	3.4	30
23	Diode Based Reconfigurable Microwave Filters for Cognitive Radio Applications: A Review. IEEE Access, 2020, 8, 185429-185444.	2.6	17
24	A planar rectangular slot multiband patch antenna for GNSS/WLAN/X-band applications. Materials Today: Proceedings, 2020, 28, 2279-2285.	0.9	0
25	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
26	A compact wideband antenna with detailed time domain analysis for wireless applications. Ain Shams Engineering Journal, 2020, 11, 1131-1138.	3.5	9
27	A compact fourâ€šelement MIMO antenna for WLAN/WiMAX/satellite applications. International Journal of Communication Systems, 2020, 33, e4506.	1.6	23
28	A compact rectangular slot Yagi-Uda antenna for wireless applications. Journal of Instrumentation, 2020, 15, P02026-P02026.	0.5	0
29	Fractal Antennas: An Historical Perspective. Fractal and Fractional, 2020, 4, 3.	1.6	44
30	A patch antenna suitable for satellite applications. AIP Conference Proceedings, 2020, , .	0.3	0
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	A Microstrip Patch Antenna with Enhanced Bandwidth for Millimeter Wave 5G Application. Journal of Physics: Conference Series, 2020, 1706, 012101.	0.3	2
33	Quad band operated microstrip patch antenna for WiMAX application. Journal of Physics: Conference Series, 2020, 1706, 012108.	0.3	0
34	Performance Characterization of a Microstrip Patch Antenna on Multiple Substrate. Lecture Notes in Electrical Engineering, 2020, , 79-89.	0.3	0
35	A triple band rectangular shaped patch antenna for GNSS/WiMAX applications. AIP Conference Proceedings, 2020, , .	0.3	2
36	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

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37	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
38	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
39	Design Techniques of Super-Wideband Antennaâ€œExisting and Future Prospective. IEEE Access, 2019, 7, 141241-141257.	2.6	62
40	A compact coaxial fed metamaterial antenna for wireless applications. Journal of Instrumentation, 2019, 14, P06025-P06025.	0.5	5
41	A compact two element MIMO antenna with improved isolation for wireless applications. Journal of Instrumentation, 2019, 14, P06014-P06014.	0.5	15
42	A compact multiband band slot antenna for wireless applications. Internet Technology Letters, 2019, 2, e94.	1.4	11
43	A miniaturized singleâ€œlayered branched multipleâ€œinput multipleâ€œoutput antenna for WLAN/WiMAX/INSAT applications. Microwave and Optical Technology Letters, 2019, 61, 1058-1064.	0.9	6
44	A novel planar antenna array for a ground-based synthetic aperture radar. Serbian Journal of Electrical Engineering, 2019, 16, 195-209.	0.2	3
45	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
46	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
47	A fractal quad-band antenna loaded with <i>L</i>-shaped slot and metamaterial for wireless applications. International Journal of Microwave and Wireless Technologies, 2018, 10, 826-834.	1.5	59
48	A miniaturized circularly polarized coaxial fed superstrate slot antenna for Lâ€œband application. Internet Technology Letters, 2018, 1, e21.	1.4	10
49	A tripleâ€œband highly miniaturized antenna for WiMAX/WLAN applications. Microwave and Optical Technology Letters, 2018, 60, 466-471.	0.9	39
50	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
51	A multiband reconfigurable slot antenna for wireless applications. AEU - International Journal of Electronics and Communications, 2018, 84, 273-280.	1.7	76
52	Multiband, frequency reconfigurable, and metamaterial antennas design techniques: Present and future research directions. Internet Technology Letters, 2018, 1, e19.	1.4	32
53	A Compact Reconfigurable Dual band mm-wave 5G Antenna. , 2018, , .		1
54	A Highly Compact Step Slotted Wideband Monopole Antenna for WiMAX/C-band/WLAN Applications. , 2018, , .		1

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55	Time-Domain Analysis of a U-Shaped Wideband Monopole Antenna operating in the range 6.9-8.2GHz for Satellite Applications. , 2018, , .		0
56	Design and Analysis of Two Novel Metamaterial Unit Cell for Antenna Engineering. , 2018, , .		5
57	A MINIATURIZED DECAGONAL SIERPINSKI UWB FRACTAL ANTENNA. Progress in Electromagnetics Research C, 2018, 84, 161-174.	0.6	24
58	A Metamaterial based Multiband Frequency Reconfigurable Antenna for Wireless Applications. , 2018, , .		9
59	A Novel LCP substrate dual band antenna loaded with T-shaped resonator and Circular slot. , 2018, , .		2
60	A Compact Planar Metamaterial Inspired Antenna for Satellite Applications. , 2018, , .		0
61	A compact decagonalâ€shaped UWB monopole planar antenna with truncated ground plane. Microwave and Optical Technology Letters, 2018, 60, 2937-2944.	0.9	23
62	A Compact Quad band Slot Antenna for WLAN/WiMAX/X-band Applications. , 2018, , .		0
63	A Compact low Profile Rectangular Shaped Octa-band Planar Antenna for Wireless Applications. , 2018, , .		0
64	A Compact Hept-band Slot Antenna for Wireless Applications. , 2018, , .		0
65	A Dual band Metamaterial Antenna for 5G and Higher Satellite band Applications. , 2018, , .		2
66	A Toyota Logo Penta-band Antenna loaded with pi and inverted L-shaped Slots for Multiple Wireless Applications. , 2018, , .		4
67	A Slotted Quad Band MSPA for WiMAX and C/X-band Applications. , 2018, , .		0
68	A Compact Maple leaf Shaped Multiband Antenna Loaded with dodecagonal slot for Wireless Applications. , 2018, , .		2
69	A highly Compact Triple band Antenna for diverse Wireless Applications. , 2018, , .		0
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 Compact Planar Triple band slotted Antenna for Wireless Applications. , 2018, , .		0

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73	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
74	A miniaturized slotted multiband antenna for wireless applications. Journal of Computational Electronics, 2018, 17, 1056-1070.	1.3	27
75	A miniaturized slotted ground structure UWB antenna for multiband applications. Microwave and Optical Technology Letters, 2018, 60, 2060-2068.	0.9	22
76	A A Compact Bandwidth Enhanced Antenna Loaded with SRR For WLAN/WiMAX/Satellite Applications. Advanced Electromagnetics, 2018, 7, 78-84.	0.7	19
77	A Multiband Slot Antenna loaded with Stubs for WLAN/WiMAX/Satellite TV Applications. Advanced Electromagnetics, 2018, 7, 74-81.	0.7	15
78	A compact hexagonal slot dual band frequency reconfigurable antenna for WLAN applications. Microwave and Optical Technology Letters, 2017, 59, 958-964.	0.9	49
79	A compact multiband antenna using ϵ-N/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
80	A miniaturized metamaterial slot antenna for wireless applications. AEU - International Journal of Electronics and Communications, 2017, 82, 368-382.	1.7	76
81	A miniaturized slotted ground fractal Koch multiband antenna for wireless applications. , 2017, , .		18
82	A novel metamaterial rectangular CSRR with pass band characteristics at 2.95 and 5.23 GHz. , 2017, , .		11
83	A compact slotted multiband antenna for L-band and WLAN applications. , 2017, , .		18
84	A miniaturized truncated ground plane concentric ring shaped UWB antenna for wireless applications. , 2017, , .		13
85	A double negative metamaterial antenna for WiMAX application. , 2017, , .		2
86	A Corner truncated circularly polarized antenna for IRNSS application. , 2017, , .		6
87	A slotted multiband antenna with wide-bandwidth operation at lower band for WLAN/WiMAX applications. , 2017, , .		1
88	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
89	Design of three metasurface acting as left-handed material for reconfigurable antenna. , 2016, , .		0
90	A novel frequency reconfigurable rectangular step slotted antenna for WLAN/ITU. , 2016, , .		0

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91	A novel compact ultrawide band filter for reconfigurable notches. Microwave and Optical Technology Letters, 2015, 57, 88-91.	0.9	3