

Amjad Iqbal

List of Publications by Citations

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71
papers

1,086
citations

19
h-index

30
g-index

79
ext. papers

1,687
ext. citations

2.5
avg, IF

5.35
L-index

#	Paper	IF	Citations
71	. <i>IEEE Access</i> , 2018 , 6, 2755-2759	3.5	130
70	. <i>IEEE Access</i> , 2019 , 7, 111135-111144	3.5	53
69	Eight Element Multiple-Input Multiple-Output (MIMO) Antenna for 5G Mobile Applications. <i>IEEE Access</i> , 2019 , 7, 134488-134495	3.5	44
68	Metamaterial-Based Highly Isolated MIMO Antenna for Portable Wireless Applications. <i>Electronics (Switzerland)</i> , 2018 , 7, 267	2.6	42
67	Dual-Band Half Mode Substrate Integrated Waveguide Filter With Independently Tunable Bands. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 285-289	3.5	39
66	Wideband Circularly Polarized MIMO Antenna for High Data Wearable Biotelemetric Devices. <i>IEEE Access</i> , 2020 , 8, 17935-17944	3.5	35
65	Wideband Wearable Antenna for Biomedical Telemetry Applications. <i>IEEE Access</i> , 2020 , 8, 15687-15694	3.5	34
64	Stub loaded, low profile UWB antenna with independently controllable notch-bands. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 2447-2454	1.2	33
63	High-Performance Multiple-Input Multiple-Output Antenna System For 5G Mobile Terminals. <i>Electronics (Switzerland)</i> , 2019 , 8, 1090	2.6	32
62	Tunable Substrate Integrated Waveguide Diplexer With High Isolation and Wide Stopband. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 456-458	2.6	31
61	Tunable SIW Bandpass Filters With Improved Upper Stopband Performance. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1194-1198	3.5	29
60	A Compact Substrate Integrated Waveguide Cavity-Backed Self-Triplexing Antenna. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2362-2366	3.5	28
59	Integrated LTE and Millimeter-Wave 5G MIMO Antenna System for 4G/5G Wireless Terminals. <i>Sensors</i> , 2020 , 20,	3.8	28
58	Frequency and Pattern Reconfigurable Antenna for Emerging Wireless Communication Systems. <i>Electronics (Switzerland)</i> , 2019 , 8, 407	2.6	26
57	Infinity Shell Shaped MIMO Antenna Array for mm-Wave 5G Applications. <i>Electronics (Switzerland)</i> , 2021 , 10, 165	2.6	25
56	A Compact UWB Antenna with Independently Controllable Notch Bands. <i>Sensors</i> , 2019 , 19,	3.8	22
55	Low-Profile and Closely Spaced Four-Element MIMO Antenna for Wireless Body Area Networks. <i>Electronics (Switzerland)</i> , 2020 , 9, 258	2.6	21

54	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	21
53	Isolation Improvement in UWB-MIMO Antenna System Using Slotted Stub. <i>Electronics (Switzerland)</i> , 2020 , 9, 1582	2.6	19
52	Cylindrical Dielectric Resonator Antenna-Based Sensors for Liquid Chemical Detection. <i>Sensors</i> , 2019 , 19,	3.8	18
51	Optimizing cutting parameters in minimum quantity of lubrication milling of hardened cold work tool steel. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2009 , 223, 43-54	2.4	18
50	A dual-band implantable antenna with wide-band characteristics at MICS and ISM bands. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 2944-2949	1.2	17
49	Low-Profile Frequency Reconfigurable Antenna for Heterogeneous Wireless Systems. <i>Electronics (Switzerland)</i> , 2019 , 8, 976	2.6	16
48	A miniaturized wideband and multi-band on-demand reconfigurable antenna for compact and portable devices. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 122, 153266	2.8	15
47	Modified U-Shaped Resonator as Decoupling Structure in MIMO Antenna. <i>Electronics (Switzerland)</i> , 2020 , 9, 1321	2.6	15
46	Biotelemetry and Wireless Powering of Biomedical Implants Using a Rectifier Integrated Self-Diplexing Implantable Antenna. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3438-3451	4.1	14
45	Compact SIW-Based Self-Quadruplexing Antenna for Wearable Transceivers. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 118-122	3.8	13
44	. <i>IEEE Access</i> , 2020 , 8, 223287-223305	3.5	12
43	Use of new local plant-based coagulants for turbid water treatment. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 6167-6174	3.3	12
42	Dielectric resonator antenna with top loaded parasitic strip elements for dual-band operation. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 2134-2140	1.2	11
41	A dual-band case-printed planar inverted-F antenna design with independent resonance control for wearable short range telemetric systems. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21781	1.5	11
40	MAPLE LEAF SHAPED UWB MONOPOLE ANTENNA WITH DUAL BAND NOTCH FUNCTIONALITY. <i>Progress in Electromagnetics Research C</i> , 2017 , 71, 169-175	0.9	11
39	A COMPACT FREQUENCY RECONFIGURABLE MONOPOLE ANTENNA FOR WI-FI/WLAN APPLICATIONS. <i>Progress in Electromagnetics Research Letters</i> , 2017 , 68, 79-84	0.5	11
38	Scalp-Implantable MIMO Antenna For High-Data-Rate Head Implants. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	11
37	A High Data Rate Implantable MIMO Antenna for Deep Implanted Biomedical Devices. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	11

36	A Compact Semi-Circular and Arc-Shaped Slot Antenna for Heterogeneous RF Front-Ends. <i>Electronics (Switzerland)</i> , 2019 , 8, 1123	2.6	10
35	A Compact Implantable MIMO Antenna For High Data Rate Biotelemetry Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	10
34	Compact Rectifier Circuit Design for Harvesting GSM/900 Ambient Energy. <i>Electronics (Switzerland)</i> , 2020 , 9, 1614	2.6	9
33	. <i>IEEE Access</i> , 2021 , 9, 99944-99953	3.5	9
32	Slot-DRA-Based Independent Dual-Band Hybrid Antenna for Wearable Biomedical Devices. <i>IEEE Access</i> , 2019 , 7, 184029-184037	3.5	8
31	DESIGN OF MULTIPLE BAND, MEANDERED STRIPS CONNECTED PATCH ANTENNA. <i>Progress in Electromagnetics Research Letters</i> , 2018 , 79, 51-57	0.5	8
30	Low-profile dual-band antenna with on-demand beam switching capabilities. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 15-20	1.6	7
29	AN ARRAY OF M-SHAPED VIVALDI ANTENNAS FOR UWB APPLICATIONS. <i>Progress in Electromagnetics Research Letters</i> , 2017 , 68, 67-72	0.5	7
28	Wideband Substrate Integrated Waveguide Antenna for Full-Duplex Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 21, 212-216	3.8	7
27	SIW Cavity-Backed Self-Quadruplexing Antenna for Compact RF Front Ends. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 562-566	3.8	7
26	Design and Realization of a Frequency Reconfigurable Antenna with Wide, Dual, and Single-Band Operations for Compact Sized Wireless Applications. <i>Electronics (Switzerland)</i> , 2021 , 10, 1321	2.6	7
25	Design and analysis of flexible cylindrical dielectric resonator antenna for body centric WiMAX and WLAN applications 2016 ,		7
24	Multimode HMSIW-Based Bandpass Filter with Improved Selectivity for Fifth-Generation (5G) RF Front-Ends. <i>Sensors</i> , 2020 , 20,	3.8	6
23	Efficient Design Methodology for a Complex DRA-SIW Filter-Antenna Subsystem. <i>International Journal of Antennas and Propagation</i> , 2017 , 2017, 1-9	1.2	6
22	Millimeter-Wave in the Face of 5G Communication Potential Applications. <i>IETE Journal of Research</i> , 2020 , 1-9	0.9	5
21	V-Shaped Monopole Antenna with Chichena Itzia Inspired Defected Ground Structure for UWB Applications. <i>Computers, Materials and Continua</i> , 2020 , 65, 19-32	3.9	5
20	Out-of-band suppressed SIW-DRA based filter-antenna subsystem with flexible bandwidth and transmission zeros. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 135, 153735	2.8	5
19	SIW Cavity Backed Self-Diplexing Tunable Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5021-5025	4.9	5

18	SIW-Based Self-Quadruplexing Antenna for Microwave and mm-Wave Frequencies. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	5
17	Ultracompact Quarter-Mode Substrate Integrated Waveguide Self-Diplexing Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1269-1273	3.8	4
16	A Compact Dual-Port Multi-Band Rectifier Circuit for RF Energy Harvesting. <i>Computers, Materials and Continua</i> , 2021 , 68, 167-184	3.9	4
15	Highly-tunable and wide stopband microstrip bandpass filters. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22610	1.5	4
14	Design of a Five-Band Dual-Port Rectenna for RF Energy Harvesting. <i>Computers, Materials and Continua</i> , 2021 , 69, 487-501	3.9	4
13	An Eight Element Dual Band Antenna for Future 5G Smartphones. <i>Electronics (Switzerland)</i> , 2021 , 10, 3022	2.6	3
12	Design of compact and miniaturize asymmetric SIR-DRA filter-antenna subsystem. <i>Journal of Electromagnetic Waves and Applications</i> , 2016 , 30, 2174-2184	1.3	3
11	Varactor diode-based dual-band frequency tunable multiple-input multiple-output antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22519	1.5	3
10	Low-profile dual-band implantable antenna for compact implantable biomedical devices. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 138, 153896	2.8	3
9	Efficient quad-band RF energy harvesting rectifier for wireless power communications. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 139, 153927	2.8	3
8	Multiple Elements MIMO Antenna System with Broadband Operation for 5th Generation Smart Phones. <i>IEEE Access</i> , 2022 , 1-1	3.5	3
7	Harvesting Systems for RF Energy: Trends, Challenges, Techniques, and Tradeoffs. <i>Electronics (Switzerland)</i> , 2022 , 11, 959	2.6	3
6	Dielectric resonator antenna with reconfigurable polarization states. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 683-690	1.6	2
5	Ultra-Miniaturized Antenna for Deeply Implanted Biomedical Devices. <i>IEEE Access</i> , 2022 , 10, 54563-54573	3.5	2
4	2020 ,		1
3	MULTI-BAND PRINTED ANTENNA FOR PORTABLE WIRELESS COMMUNICATION APPLICATIONS. <i>Progress in Electromagnetics Research Letters</i> , 2019 , 84, 39-46	0.5	1
2	Printed circular ultra-wideband antenna with triple sharp frequency notches for surface penetrating radar application. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020 , 45, 1	1	0
1	Broadband RCN-based RF-Rectifier with a Large Range of Power for Harvesting Ambient Wireless Energy. <i>AEU - International Journal of Electronics and Communications</i> , 2022 , 154228	2.8	0

