Amjad Iqbal

List of Publications by Year in Descending Order

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	Wideband Substrate Integrated Waveguide Antenna for Full-Duplex Systems. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 21, 212-216	3.8	7
70	Multiple Elements MIMO Antenna System with Broadband Operation for 5th Generation Smart Phones. *IEEE Access*, **2022**, 1-1	3.5	3
69	Harvesting Systems for RF Energy: Trends, Challenges, Techniques, and Tradeoffs. *Electronics (Switzerland)*, **2022**, 11, 959	2.6	3
68	SIW-Based Self-Quadruplexing Antenna for Microwave and mm-Wave Frequencies. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	5
67	Broadband RCN-based RF-Rectifier with a Large Range of Power for Harvesting Ambient Wireless Energy. *AEU - International Journal of Electronics and Communications*, **2022**, 154228	2.8	0
66	Ultra-Miniaturized Antenna for Deeply Implanted Biomedical Devices. *IEEE Access*, **2022**, 10, 54563-54571	3.5	2
65	An Eight Element Dual Band Antenna for Future 5G Smartphones. *Electronics (Switzerland)*, **2021**, 10, 3022	2.6	3
64	Scalp-Implantable MIMO Antenna For High-Data-Rate Head Implants. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 1-1	3.8	11
63	SIW Cavity-Backed Self-Quadruplexing Antenna for Compact RF Front Ends. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 562-566	3.8	7
62	Dielectric resonator antenna with reconfigurable polarization states. *IET Microwaves, Antennas and Propagation*, **2021**, 15, 683-690	1.6	2
61	Design and Realization of a Frequency Reconfigurable Antenna with Wide, Dual, and Single-Band Operations for Compact Sized Wireless Applications. *Electronics (Switzerland)*, **2021**, 10, 1321	2.6	7
60	Out-of-band suppressed SIW-DRA based filter-antenna subsystem with flexible bandwidth and transmission zeros. *AEU - International Journal of Electronics and Communications*, **2021**, 135, 153735	2.8	5
59	Ultracompact Quarter-Mode Substrate Integrated Waveguide Self-Diplexing Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 1269-1273	3.8	4
58	Biotelemetry and Wireless Powering of Biomedical Implants Using a Rectifier Integrated Self-Diplexing Implantable Antenna. *IEEE Transactions on Microwave Theory and Techniques*, **2021**, 69, 3438-3451	4.1	14
57	Varactor diode-based dual-band frequency tunable multiple-input multiple-output antenna. *International Journal of RF and Microwave Computer-Aided Engineering*, **2021**, 31, e22519	1.5	3
56	A Compact Dual-Port Multi-Band Rectifier Circuit for RF Energy Harvesting. *Computers, Materials and Continua*, **2021**, 68, 167-184	3.9	4
55	Compact SIW-Based Self-Quadruplexing Antenna for Wearable Transceivers. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 118-122	3.8	13

54	A Compact Implantable MIMO Antenna For High Data Rate Biotelemetry Applications. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	10
53	A High Data Rate Implantable MIMO Antenna for Deep Implanted Biomedical Devices. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	11
52	Highly-tunable and wide stopband microstrip bandpass filters. *International Journal of RF and Microwave Computer-Aided Engineering*, **2021**, 31, e22610	1.5	4
51	SIW Cavity Backed Self-Diplexing Tunable Antenna. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 5021-5025	4.9	5
50	Low-profile dual-band implantable antenna for compact implantable biomedical devices. *AEU - International Journal of Electronics and Communications*, **2021**, 138, 153896	2.8	3
49	Efficient quad-band RF energy harvesting rectifier for wireless power communications. *AEU - International Journal of Electronics and Communications*, **2021**, 139, 153927	2.8	3
48	. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	21
47	Design of a Five-Band Dual-Port Rectenna for RF Energy Harvesting. *Computers, Materials and Continua*, **2021**, 69, 487-501	3.9	4
46	. *IEEE Access*, **2021**, 9, 99944-99953	3.5	9
45	Infinity Shell Shaped MIMO Antenna Array for mm-Wave 5G Applications. *Electronics (Switzerland)*, **2021**, 10, 165	2.6	25
44	Multimode HMSIW-Based Bandpass Filter with Improved Selectivity for Fifth-Generation (5G) RF Front-Ends. *Sensors*, **2020**, 20,	3.8	6
43	A Compact Substrate Integrated Waveguide Cavity-Backed Self-Triplexing Antenna. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 2362-2366	3.5	28
42	Wideband Wearable Antenna for Biomedical Telemetry Applications. *IEEE Access*, **2020**, 8, 15687-15694	3.5	34
41	Millimeter-Wave in the Face of 5G Communication Potential Applications. *IETE Journal of Research*, **2020**, 1-9	0.9	5
40	Wideband Circularly Polarized MIMO Antenna for High Data Wearable Biotelemetric Devices. *IEEE Access*, **2020**, 8, 17935-17944	3.5	35
39	Low-profile dual-band antenna with on-demand beam switching capabilities. *IET Microwaves, Antennas and Propagation*, **2020**, 14, 15-20	1.6	7
38	Printed circular ultra-wideband antenna with triple sharp frequency notches for surface penetrating radar application. *Sadhana - Academy Proceedings in Engineering Sciences*, **2020**, 45, 1	1	0
37	V-Shaped Monopole Antenna with Chichena Itzia Inspired Defected Ground Structure for UWB Applications. *Computers, Materials and Continua*, **2020**, 65, 19-32	3.9	5

36	Low-Profile and Closely Spaced Four-Element MIMO Antenna for Wireless Body Area Networks. *Electronics (Switzerland)*, **2020**, 9, 258	2.6	21
35	A miniaturized wideband and multi-band on-demand reconfigurable antenna for compact and portable devices. *AEU - International Journal of Electronics and Communications*, **2020**, 122, 153266	2.8	15
34	Compact Rectifier Circuit Design for Harvesting GSM/900 Ambient Energy. *Electronics (Switzerland)*, **2020**, 9, 1614	2.6	9
33	Isolation Improvement in UWB-MIMO Antenna System Using Slotted Stub. *Electronics (Switzerland)*, **2020**, 9, 1582	2.6	19
32	Integrated LTE and Millimeter-Wave 5G MIMO Antenna System for 4G/5G Wireless Terminals. *Sensors*, **2020**, 20,	3.8	28
31	Modified U-Shaped Resonator as Decoupling Structure in MIMO Antenna. *Electronics (Switzerland)*, **2020**, 9, 1321	2.6	15
30	**2020**,		1
29	. *IEEE Access*, **2020**, 8, 223287-223305	3.5	12
28	Dual-Band Half Mode Substrate Integrated Waveguide Filter With Independently Tunable Bands. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 285-289	3.5	39
27	Tunable SIW Bandpass Filters With Improved Upper Stopband Performance. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 1194-1198	3.5	29
26	. *IEEE Access*, **2019**, 7, 111135-111144	3.5	53
25	Eight Element Multiple-Input Multiple-Output (MIMO) Antenna for 5G Mobile Applications. *IEEE Access*, **2019**, 7, 134488-134495	3.5	44
24	High-Performance Multiple-Input Multiple-Output Antenna System For 5G Mobile Terminals. *Electronics (Switzerland)*, **2019**, 8, 1090	2.6	32
23	Stub loaded, low profile UWB antenna with independently controllable notch-bands. *Microwave and Optical Technology Letters*, **2019**, 61, 2447-2454	1.2	33
22	Tunable Substrate Integrated Waveguide Diplexer With High Isolation and Wide Stopband. *IEEE Microwave and Wireless Components Letters*, **2019**, 29, 456-458	2.6	31
21	Dielectric resonator antenna with top loaded parasitic strip elements for dual-band operation. *Microwave and Optical Technology Letters*, **2019**, 61, 2134-2140	1.2	11
20	Frequency and Pattern Reconfigurable Antenna for Emerging Wireless Communication Systems. *Electronics (Switzerland)*, **2019**, 8, 407	2.6	26
19	Cylindrical Dielectric Resonator Antenna-Based Sensors for Liquid Chemical Detection. *Sensors*, **2019**, 19,	3.8	18

18	A dual-band case-printed planar inverted-F antenna design with independent resonance control for wearable short range telemetric systems. *International Journal of RF and Microwave Computer-Aided Engineering*, **2019**, 29, e21781	1.5	11
17	A Compact UWB Antenna with Independently Controllable Notch Bands. *Sensors*, **2019**, 19,	3.8	22
16	Low-Profile Frequency Reconfigurable Antenna for Heterogeneous Wireless Systems. *Electronics (Switzerland)*, **2019**, 8, 976	2.6	16
15	A Compact Semi-Circular and Arc-Shaped Slot Antenna for Heterogeneous RF Front-Ends. *Electronics (Switzerland)*, **2019**, 8, 1123	2.6	10
14	Slot-DRA-Based Independent Dual-Band Hybrid Antenna for Wearable Biomedical Devices. *IEEE Access*, **2019**, 7, 184029-184037	3.5	8
13	MULTI-BAND PRINTED ANTENNA FOR PORTABLE WIRELESS COMMUNICATION APPLICATIONS. *Progress in Electromagnetics Research Letters*, **2019**, 84, 39-46	0.5	1
12	Use of new local plant-based coagulants for turbid water treatment. *International Journal of Environmental Science and Technology*, **2019**, 16, 6167-6174	3.3	12
11	. *IEEE Access*, **2018**, 6, 2755-2759	3.5	130
10	DESIGN OF MULTIPLE BAND, MEANDERED STRIPS CONNECTED PATCH ANTENNA. *Progress in Electromagnetics Research Letters*, **2018**, 79, 51-57	0.5	8
9	A dual-band implantable antenna with wide-band characteristics at MICS and ISM bands. *Microwave and Optical Technology Letters*, **2018**, 60, 2944-2949	1.2	17
8	Metamaterial-Based Highly Isolated MIMO Antenna for Portable Wireless Applications. *Electronics (Switzerland)*, **2018**, 7, 267	2.6	42
7	MAPLE LEAF SHAPED UWB MONOPOLE ANTENNA WITH DUAL BAND NOTCH FUNCTIONALITY. *Progress in Electromagnetics Research C*, **2017**, 71, 169-175	0.9	11
6	A COMPACT FREQUENCY RECONFIGURABLE MONOPOLE ANTENNA FOR WI-FI/WLAN APPLICATIONS. *Progress in Electromagnetics Research Letters*, **2017**, 68, 79-84	0.5	11
5	AN ARRAY OF M-SHAPED VIVALDI ANTENNAS FOR UWB APPLICATIONS. *Progress in Electromagnetics Research Letters*, **2017**, 68, 67-72	0.5	7
4	Efficient Design Methodology for a Complex DRA-SIW Filter-Antenna Subsystem. *International Journal of Antennas and Propagation*, **2017**, 2017, 1-9	1.2	6
3	Design of compact and miniaturize asymmetric SIR-DRA filter-antenna subsystem. *Journal of Electromagnetic Waves and Applications*, **2016**, 30, 2174-2184	1.3	3
2	Design and analysis of flexible cylindrical dielectric resonator antenna for body centric WiMAX and WLAN applications **2016**,		7
1	Optimizing cutting parameters in minimum quantity of lubrication milling of hardened cold work tool steel. *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, **2009**, 223, 43-54	2.4	18