

# Wasif Tanveer Khan

## List of Publications by Year in descending order

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29  
papers

415  
citations

1478505

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h-index

1720034

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29  
docs citations

29  
times ranked

484  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 60-GHz Active Receiving Switched-Beam Antenna Array With Integrated Butler Matrix and GaAs Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3599-3607.	4.6	69
2	A D-Band Micromachined End-Fire Antenna in 130-nm SiGe BiCMOS Technology. IEEE Transactions on Antennas and Propagation, 2015, 63, 2449-2459.	5.1	65
3	Small form factor dual band (28/38 GHz) PIFA antenna for 5G applications. , 2017, , .		53
4	Highly efficient dual band 2.45/5.85 GHz rectifier for RF energy harvesting applications in ISM band. , 2017, , .		39
5	Packaging a \$W\$-Band Integrated Module With an Optimized Flip-Chip Interconnect on an Organic Substrate. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 64-72.	4.6	37
6	D-Band characterization of co-planar wave guide and microstrip transmission lines on liquid crystal polymer. , 2013, , .		24
7	A Triband Rectifier Toward Millimeter-Wave Frequencies for Energy Harvesting and Wireless Power-Transfer Applications. IEEE Microwave and Wireless Components Letters, 2021, 31, 192-195.	3.2	21
8	Characterization of a low-loss and wide-band (DC to 170 GHz) flip-chip interconnect on an organic substrate. , 2014, , .		15
9	Characterization of electrical properties of glass and transmission lines on thin glass up to 50 GHz. , 2015, , .		11
10	Small form factor PIFA antenna design at 28 GHz for 5G applications. , 2016, , .		11
11	A novel dual-band millimeter-wave antenna for automotive radar and multi-gigabit wireless communications. , 2017, , .		11
12	An ultrawide band W-band end-fire antenna on flexible organic substrate. , 2012, , .		7
13	A 94 GHz flip-chip packaged SiGe BiCMOS LNA on an LCP substrate. , 2013, , .		7
14	Organically Packaged Components and Modules: Recent Advancements for Microwave and mm-Wave Applications. IEEE Microwave Magazine, 2019, 20, 49-72.	0.8	7
15	Design of a Compact High Isolation 4-Element Wideband Patch Antenna Array for GNSS Applications. IEEE Access, 2022, 10, 13780-13786.	4.2	6
16	A highly efficient tri band (GSM1800, WiFi2400 and WiFi5000) rectifier for various radio frequency harvesting applications. , 2017, , .		5
17	Smallest form factor, high performance 28 GHz cavity-backed archimedean spiral antenna. , 2017, , .		4
18	A compact high isolation wideband MIMO antenna for multi-band applications. Journal of Electromagnetic Waves and Applications, 2022, 36, 2041-2054.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Low cost 60 GHz RF front end transceiver integrated on organic substrate. , 2011, , .		3
20	A fully packaged D-band MIMO transmitter using high-density flip-chip interconnects on LCP substrate. , 2016, , .		3
21	Radio frequency energy harvesting from ambient FM signals for making battery-less sensor nodes for wireless sensor networks. , 2017, , .		3
22	A Compact Ultra-wideband Single Element Planar Yagi Antenna. , 2018, , .		3
23	Time domain analysis of a compact UWB antenna acting as a band stop filter in five narrow frequency bands. , 2017, , .		2
24	Low phase noise K-Band oscillator on organic Liquid Crystal Polymer (LCP) substrate. , 2010, , .		1
25	Integration of V-Band and W-Band antennas with SPDT switch on organic substrates. , 2013, , .		1
26	Bench top wireless power transmission using magnetic resonance for multiple devices. , 2017, , .		1
27	Highly efficient and low cost radio frequency rectifier for energy harvesting applications. , 2017, , .		1
28	Wideband High-Isolation Antenna Array for in-Band Full-Duplex Radios. , 2020, , .		1
29	Design and Development of a Compact Dual CP Eight Band Planar Log Periodic Antenna for RF Energy Harvesting through Ambient Sources. , 2018, , .		0