Wasif Tanveer Khan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10951410/publications.pdf

Version: 2024-02-01

		1478505	1720034
29	415	6	7
papers	citations	h-index	g-index

29	29	29	484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of a Compact High Isolation 4-Element Wideband Patch Antenna Array for GNSS Applications. IEEE Access, 2022, 10, 13780-13786.	4.2	6
2	A compact high isolation wideband MIMO antenna for multi-band applications. Journal of Electromagnetic Waves and Applications, 2022, 36, 2041-2054.	1.6	4
3	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
4	Wideband High-Isolation Antenna Array for in-Band Full-Duplex Radios. , 2020, , .		1
5	Organically Packaged Components and Modules: Recent Advancements for Microwave and mm-Wave Applications. IEEE Microwave Magazine, 2019, 20, 49-72.	0.8	7
6	Design and Development of a Compact Dual CP Eight Band Planar Log Periodic Antenna for RF Energy Harvesting through Ambient Sources. , 2018, , .		0
7	A Compact Ultra-wideband Single Element Planar Yagi Antenna. , 2018, , .		3
8	Small form factor dual band (28/38 GHz) PIFA antenna for 5G applications. , 2017, , .		53
9	Time domain analysis of a compact UWB antenna acting as a band stop filter in five narrow frequency bands. , 2017, , .		2
10	Highly efficient dual band 2.45/5.85 GHz rectifier for RF energy harvesting applications in ISM band. , 2017, , .		39
11	Smallest form factor, high performance 2â€“18 GHz cavity-backed archimedean spiral antenna. , 2017, , .		4
12	A novel dual-band millimeter-wave antenna for automotive radar and multi-gigabit wireless communications. , 2017, , .		11
13	Bench top wireless power transmission using magnetic resonance for multiple devices. , 2017, , .		1
14	A highly efficient tri band (GSM1800, WiFi2400 and WiFi5000) rectifier for various radio frequency harvesting applications. , 2017, , .		5
15	Radio frequency energy harvesting from ambient FM signals for making battery-less sensor nodes for wireless sensor networks. , 2017, , .		3
16	Highly efficient and low cost radio frequency rectifier for energy harvesting applications. , 2017, , .		1
17	A fully packaged D-band MIMO transmitter using high-density flip-chip interconnects on LCP substrate. , 2016, , .		3
18	Small form factor PIFA antenna design at 28 GHz for 5G applications. , 2016, , .		11

#	Article	IF	Citations
19	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
20	Characterization of electrical properties of glass and transmission lines on thin glass up to 50 GHz. , 2015, , .		11
21	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
22	Characterization of a low-loss and wide-band (DC to 170 GHz) flip-chip interconnect on an organic substrate. , 2014, , .		15
23	D-Band characterization of co-planar wave guide and microstrip transmission lines on liquid crystal polymer. , 2013, , .		24
24	A 94 GHz flip-chip packaged SiGe BiCMOS LNA on an LCP substrate. , 2013, , .		7
25	Integration of V-Band and W-Band antennas with SPDT switch on organic substrates. , 2013, , .		1
26	An ultrawide band W-band end-fire antenna on flexible organic substrate. , 2012, , .		7
27	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
28	Low cost 60 GHz RF front end transceiver integrated on organic substrate. , 2011, , .		3
29	Low phase noise K-Band oscillator on organic Liquid Crystal Polymer (LCP) substrate. , 2010, , .		1