Nosherwan Shoaib

List of Publications by Year
in descending order

43 papers	606 citations	687363 13 h-index	610901 24 g-index
46 all docs	46 docs citations	46 times ranked	583 citing authors

#	Article	IF	Citations
1	Two-Dimensional Materials for Future Terahertz Wireless Communications. IEEE Open Journal of Antennas and Propagation, 2022, 3, 217-228.	3.7	13
2	A multiband circular polarization selective metasurface for microwave applications. Scientific Reports, 2021, 11, 1774.	3.3	15
3	Dual circularly polarized seriesâ€fed patch antenna array integrated with beam switching network. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2021, 34, e2885.	1.9	1
4	Compact Quad-Element High-Isolation Wideband MIMO Antenna for mm-Wave Applications. Electronics (Switzerland), 2021, 10, 1300.	3.1	39
5	Pakistan's First Integrated Circuit-Based Superheterodyne Receiver Design Competition. IEEE Potentials, 2021, 40, 25-28.	0.3	0
6	A multifunctional ultrathin flexible bianisotropic metasurface with miniaturized cell size. Scientific Reports, 2021, 11, 18426.	3.3	5
7	A Compact, Bistatic Antenna System with Very High Interport Isolation for 2.4â€‰GHz In-Band Full Duplex Applications. International Journal of Antennas and Propagation, 2021, 2021, 1-8.	1.2	1
8	Design and development of a multi-functional bi-anisotropic metasurface with ultra-wide out of band transmission. Scientific Reports, 2021, 11, 24244.	3.3	6
9	A Highly Efficient Multifunctional Metasurface for C-and X-Band Applications. , 2020, , .		3
10	Eight Element Side Edged Framed MIMO Antenna Array for Future 5G Smart Phones. Micromachines, 2020, 11, 956.	2.9	55
11	A Multiband Bianisotropic FSS With Polarization-Insensitive and Angularly Stable Properties. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1833-1837.	4.0	28
12	Quad-Band 3D Rectenna Array for Ambient RF Energy Harvesting. International Journal of Antennas and Propagation, 2020, 2020, 1-23.	1.2	17
13	Comments on â€œAn Ultrawideband Ultrathin Metamaterial Absorber Based on Circular Split Ringsâ€• IEEE Antennas and Wireless Propagation Letters, 2020, 19, 512-514.	4.0	16
14	A Wideband Tunable Power Divider for SWIPT Systems. IEEE Access, 2020, 8, 30675-30681.	4.2	14
15	Graphene based Reflect Standard for VNA Calibration. , 2020, , .		0
16	Design, Development and Measurement of MIMO Antennas for Next Generation Cellular Tablets. , 2019, , .		0
17	Thin carbon nanostructure mat with high electromagnetic interference shielding performance. Synthetic Metals, 2019, 253, 48-56.	3.9	15
18	Design and Development of MIMO Antennas for WiGig Terminals. Electronics (Switzerland), 2019, 8, 1548.	3.1	6

#	Article	IF	Citations
19	Beam Steering Using Active Superstrate Antenna for WLAN Applications. , 2019, , .		2
20	Planar SIW Horn Antenna with Improved Matching at 94 GHz. , 2018, , .		0
21	Multiband Antenna Design for Ambient Energy Harvesting based on RF Field Investigation. , 2018, , .		2
22	Triband Impedance Transformer for Frequency Dependent Complex Load. , 2018, , .		1
23	MIMO Antennas for Smart 5G Devices. IEEE Access, 2018, 6, 77014-77021.	4.2	70
24	RF Energy Harvesting for Ubiquitous, Zero Power Wireless Sensors. International Journal of Antennas and Propagation, 2018, 2018, 1-16.	1.2	35
25	On the uncertainty of network analysis methods for the calibration of electrical impedance standards at high frequency. , 2017, , .		1
26	Design and performance analysis of pattern reconfigurable MIMO antennas for mobile smartphones. Microwave and Optical Technology Letters, 2017, 59, 148-156.	1.4	13
27	Uncertainty analysis of circular iris waveguide verification standard for vector network analyzers. , 2017, , .		0
28	VNA Calibration Comparison. PoliTO Springer Series, 2017, , 37-46.	0.5	0
29	Uncertainty analysis for material measurements using the vector network analyzer. Microwave and Optical Technology Letters, 2016, 58, 1841-1844.	1.4	4
30	Connection repeatability of waveguide verification standards for VNA system. , 2016, , .		1
31	Electromagnetic wave propagation in underground oil pipelines. , 2016, , .		8
32	Material measurements using the vector network analyzer. , 2016, , .		2
33	Intercomparison of Terahertz Dielectric Measurements Using Vector Network Analyzer and Time-Domain Spectrometer. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 691-702.	2.2	17
34	Investigation of Verification Artifacts in WR-03 Waveguides. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 1089-1100.	2.2	6
35	MIMO Antennas for Mobile Handsets. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 799-802.	4.0	53
36	Improvements on INRIM Coaxial Microcalorimeter and Outcome of a Model Comparison. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1472-1476.	4.7	3

#	Article	IF	Citations
37	Compact and printed MIMO antennas for 2G/3G and 4G — LTE mobile tablets. , 2015, , .		7
38	Pattern reconfigurable antenna for mobile handsets. , 2014, , .		1
39	A 4×4 MIMO antenna system for mobile tablets. , 2014, , .		8
40	Comparison of S-Parameter Measurements at Millimeter Wavelengths Between INRIM and NMC. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1810-1817.	4.7	12
41	Design and Performance Study of a Dual-Element Multiband Printed Monopole Antenna Array for MIMO Terminals. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 329-332.	4.0	112
42	A novel approach to transform an open circuit series stub to a short circuit shunt stub for the implementation of highâ€pass butterworth filter. Microwave and Optical Technology Letters, 2013, 55, 497-501.	1.4	4
43	A novel inconsistency condition for 2â€port vector network analyzer calibration. Microwave and Optical Technology Letters, 2012, 54, 2372-2375.	1.4	3