

# Nosherwan Shoaib

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	MIMO Antennas for Smart 5G Devices. IEEE Access, 2018, 6, 77014-77021.	4.2	70
3	Eight Element Side Edged Framed MIMO Antenna Array for Future 5G Smart Phones. Micromachines, 2020, 11, 956.	2.9	55
4	MIMO Antennas for Mobile Handsets. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 799-802.	4.0	53
5	Compact Quad-Element High-Isolation Wideband MIMO Antenna for mm-Wave Applications. Electronics (Switzerland), 2021, 10, 1300.	3.1	39
6	RF Energy Harvesting for Ubiquitous, Zero Power Wireless Sensors. International Journal of Antennas and Propagation, 2018, 2018, 1-16.	1.2	35
7	A Multiband Bianisotropic FSS With Polarization-Insensitive and Angularly Stable Properties. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1833-1837.	4.0	28
8	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
9	Quad-Band 3D Rectenna Array for Ambient RF Energy Harvesting. International Journal of Antennas and Propagation, 2020, 2020, 1-23.	1.2	17
10	Comments on "An Ultrawideband Ultrathin Metamaterial Absorber Based on Circular Split Rings". IEEE Antennas and Wireless Propagation Letters, 2020, 19, 512-514.	4.0	16
11	Thin carbon nanostructure mat with high electromagnetic interference shielding performance. Synthetic Metals, 2019, 253, 48-56.	3.9	15
12	A multiband circular polarization selective metasurface for microwave applications. Scientific Reports, 2021, 11, 1774.	3.3	15
13	A Wideband Tunable Power Divider for SWIPT Systems. IEEE Access, 2020, 8, 30675-30681.	4.2	14
14	Design and performance analysis of pattern reconfigurable MIMO antennas for mobile smartphones. Microwave and Optical Technology Letters, 2017, 59, 148-156.	1.4	13
15	Two-Dimensional Materials for Future Terahertz Wireless Communications. IEEE Open Journal of Antennas and Propagation, 2022, 3, 217-228.	3.7	13
16	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
17	A 4x4 MIMO antenna system for mobile tablets. , 2014, , .		8
18	Electromagnetic wave propagation in underground oil pipelines. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
19	Compact and printed MIMO antennas for 2G/3G and 4G &#x2014; LTE mobile tablets. , 2015, , .		7
20	Investigation of Verification Artifacts in WR-03 Waveguides. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 1089-1100.	2.2	6
21	Design and Development of MIMO Antennas for WiGig Terminals. Electronics (Switzerland), 2019, 8, 1548.	3.1	6
22	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
23	A multifunctional ultrathin flexible bianisotropic metasurface with miniaturized cell size. Scientific Reports, 2021, 11, 18426.	3.3	5
24	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
25	Uncertainty analysis for material measurements using the vector network analyzer. Microwave and Optical Technology Letters, 2016, 58, 1841-1844.	1.4	4
26	A novel inconsistency condition for 2â€port vector network analyzer calibration. Microwave and Optical Technology Letters, 2012, 54, 2372-2375.	1.4	3
27	Improvements on INRIM Coaxial Microcalorimeter and Outcome of a Model Comparison. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1472-1476.	4.7	3
28	A Highly Efficient Multifunctional Metasurface for C-and X-Band Applications. , 2020, , .		3
29	Material measurements using the vector network analyzer. , 2016, , .		2
30	Multiband Antenna Design for Ambient Energy Harvesting based on RF Field Investigation. , 2018, , .		2
31	Beam Steering Using Active Superstrate Antenna for WLAN Applications. , 2019, , .		2
32	Pattern reconfigurable antenna for mobile handsets. , 2014, , .		1
33	Connection repeatability of waveguide verification standards for VNA system. , 2016, , .		1
34	On the uncertainty of network analysis methods for the calibration of electrical impedance standards at high frequency. , 2017, , .		1
35	Triband Impedance Transformer for Frequency Dependent Complex Load. , 2018, , .		1
36	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

#	ARTICLE	IF	CITATIONS
37	A Compact, Bistatic Antenna System with Very High Interport Isolation for 2.4GHz In-Band Full Duplex Applications. International Journal of Antennas and Propagation, 2021, 2021, 1-8.	1.2	1
38	Uncertainty analysis of circular iris waveguide verification standard for vector network analyzers. , 2017, , .		0
39	Planar SIW Horn Antenna with Improved Matching at 94 GHz. , 2018, , .		0
40	Design, Development and Measurement of MIMO Antennas for Next Generation Cellular Tablets. , 2019, , .		0
41	Pakistan's First Integrated Circuit-Based Superheterodyne Receiver Design Competition. IEEE Potentials, 2021, 40, 25-28.	0.3	0
42	VNA Calibration Comparison. PoliTO Springer Series, 2017, , 37-46.	0.5	0
43	Graphene based Reflect Standard for VNA Calibration. , 2020, , .		0