

Hidayat Ullah

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About

Dr. Hidayat Ullah is working as Assistant Professor in the College of Aeronautical Engineering. Dr. Hidayat Ullah has a PhD in Electrical. Dr. Hidayat Ullah has published 24 research articles & conference papers having a citation count of 331, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical NUST, Islamabad , Pakistan	2015 - 2020
MS in Communications Engineering University of Birmingham , United Kingdom	2004 - 2005
B.Sc (Hon) in Electrical UET Peshawar , Pakistan	1997 - 2001

Experience

Assistant Professor College of Aeronautical Engineering	2022- Present
Manager SUPARCO , SUPARCO SRDC-L Lahore	2009 - 2011
KTP Associate Loughborough University and JCB HQ , Rochester Staffordshire	2006 - 2008
Carrier Telephone Industries (pvt) Ltd I-9 Islamabad , 2002-02-12	2004 - 2004

Research Articles

A Compact and High Gain X/Ku Band Shared Aperture Antenna Array with Enhanced Inter-band and Cross-band Isolation <i>Ahmad Ali Muhammad Nabeel Awan Waqar Ahmad Malik Sohaib Yaqoob Chaudhary Hidayat Ullah Jamal Haider</i> <i>IEEE Access</i> , Volume 12, Pages 146137-146146 Impact Factor: 3.400 Quartile: 2 Citations: 3 DOI: 10.1109/ACCESS.2024.3406547	2024
High-Capacity Double-Sided Square-Mesh-Type Chipless RFID Tags <i>Muhammad Noman Usman A. Haider Hidayat Ullah Muhammad Ikram Hatem Rmili Farooq Ahmad Tahir</i> <i>Electronics</i> , Volume 12, Issue 6, Article Number 1371 Impact Factor: 2.600 Quartile: 2 Citations: 4 DOI: 10.3390/electronics12061371	2023
A Fully Passive Ten-Digit Numeric Keypad Sensor Using Chipless RFID Technology <i>Usman A. Haider Muhammad Noman Hidayat Ullah Hattan F. Abutarboush Qammer H. Abbasi Farooq Ahmad Tahir</i> <i>IEEE Sensors Journal</i> , Volume 23, Issue 3, Pages 2978-2987 Impact Factor: 4.300 Quartile: 1 Citations: 10 DOI: 10.1109/JSEN.2022.3232154	2023
A Semi-Octagonal 40-Bit High Capacity Chipless RFID Tag for Future Product Identification <i>Usman A. Haider Muhammad Noman Aamir Rashid Hatem Rmili Hidayat Ullah Farooq Ahmad Tahir</i> <i>Electronics</i> , Volume 12, Issue 2, Article Number 349 Impact Factor: 2.600 Quartile: 2 Citations: 8 DOI: 10.3390/electronics12020349	2023

A Novel Design Methodology to Realize a Single Byte Chipless RFID Tag by Loading a Square Open-Loop Resonator With Micro-Metallic Cells <i>Muhammad Noman Usman A. Haider Anas M. Hashmi Hidayat Ullah Ali I. Najam Farooq Ahmad Tahir</i> <i>IEEE Journal of Microwaves</i> , Volume 3, Issue 1, Pages 43-51 Impact Factor: 6.900 Quartile: 1 Citations: 13 DOI: 10.1109/JMW.2022.3226878	2023
Realization of Chipless RFID Tags via Systematic Loading of Square Split Ring With Circular Slots <i>Muhammad Noman Usman A. Haider Farooq Ahmad Tahir Hidayat Ullah Anas M. Hashmi</i> <i>IEEE Journal of Radio Frequency Identification</i> , Volume 6, Pages 671-679 Impact Factor: 3.100 (ESCI) Citations: 16 DOI: 10.1109/JRFID.2022.3211301	2022
A Compact Low-Profile Antenna for Millimeter-Wave 5G Mobile Phones <i>Hidayat Ullah Hattan F. Abutarboush Aamir Rashid FAROOQ AHMAD TAHIR</i> <i>Electronics</i> , Volume 11, Issue 19, Article Number 3256 Impact Factor: 2.9 Quartile: 2 Citations: 25 DOI: 10.3390/electronics11193256	2022
A 32-Bit Single Quadrant Angle-Controlled Chipless Tag for Radio Frequency Identification Applications <i>Muhammad Noman Usman A. Haider Hidayat Ullah Farooq Ahmad Tahir Hatem Rmili Ali I. Najam</i> <i>Sensors</i> , Volume 22, Issue 7, Article Number 2492 Impact Factor: 3.847 Quartile: 2 Citations: 8 DOI: https://doi.org/10.3390/s22072492	2022
A wide-band rhombus monopole antenna array for millimeter wave applications <i>Hidayat Ullah Farooq Ahmad Tahir</i> <i>Microwave and Optical Technology Letters</i> , Volume 62, Issue 5, Pages 1841-2117 Impact Factor: 1.392 Quartile: 4 Citations: 18 DOI: 10.1002/mop.32289	2020
A High Gain and Wideband Narrow-Beam Antenna for 5G Millimeter-Wave Applications <i>Hidayat Ullah Farooq Ahmad Tahir</i> <i>IEEE Access</i> , Volume 8, Pages 29430-29434 Impact Factor: 3.367 Quartile: 2 Citations: 69 DOI: 10.1109/ACCESS.2020.2970753	2020
A novel snowflake fractal antenna for dual-beam applications in 28 GHz Band <i>Hidayat Ullah Farooq AhmadTahir</i> <i>IEEE Access</i> , Volume 8, Pages 9873-19879 Impact Factor: 3.367 Quartile: 2 Citations: 79 DOI: 10.1109/ACCESS.2020.2968619	2020
Broadband planar antenna array for future 5G communication standards <i>Farooq Ahmad Tahir Hidayat Ullah</i> <i>IET Microwaves, Antennas & Propagation</i> , Volume13, Issue15 , Pages 2661-2668 Impact Factor: 1.972 Quartile: 3 Citations: 31 DOI: 10.1049/iet-map.2018.5603	2019
A broadband wire hexagon antenna array for future 5G communications in 28 GHz band <i>Hidayat Ullah Farooq Ahmad Tahir</i> <i>Microwave and Optical Technology Letters</i> , Volume 61, Issue 3, Pages 696-701 Impact Factor: 0.957 Quartile: 4 Citations: 43 DOI: 10.1002/mop.31613	2019

Conference Proceedings

A 26 Bit Alternating U-shaped Chipless RFID Tag Using Slot Length Variation Technique <i>Sidrah Jabeen Hidayat Ullah Farooq Ahmad Tahir</i> <i>2021 1st International Conference on Microwave, Antennas and Circuits, ICMAC 2021</i> , res.country(177,)	2021
Citations: 4 DOI: 10.1109/ICMAC54080.2021.9678309	
An Asymmetric Semi-circular Meandered Line Monopole Antenna for 28 GHz 5G Communications	2020

<i>Hidayat Ullah Farooq Ahmad Tahir</i> 2020 International Conference on UK-China Emerging Technologies (UCET), res.country(231,) Citations: N/A DOI: DOI: 10.1109/UCET51115.2020.9205370		
A Miniaturized Printed UWB LPDA Antenna <i>Syed M. Hamza Hidayat Ullah Farooq Ahmad Tahir</i> International Conference on UK-China Emerging Technologies (UCET) , res.country(231,) Citations: N/A DOI: 10.1109/UCET51115.2020.9205322		2020
A Compact L-Shaped 16 Bit Polarization Independent Chipless RFID Tag <i>Usman A. Haider M. Noman Hidayat Ullah Farooq Ahmad Tahir</i> International Conference on UK-China Emerging Technologies (UCET) , res.country(231,) Citations: N/A DOI: DOI: 10.1109/UCET51115.2020.9205384		2020
Tri-Cell Hexagonal Wire Antenna for 5G Applications at 28 GHz Band <i>Hidayat Ullah FAROOQ AHMAD TAHIR</i> IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, res.country(38,) Citations: N/A DOI: https://2020apsursi.org/		2020
A Compact Chip-less RFID Tag for IoT Applications <i>Usman A. Haider M. Noman Hidayat Ullah Farooq Ahmad Tahir</i> IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, res.country(38,) Citations: N/A DOI: https://2020apsursi.org/		2020
A 12-bit Hexagonal Chip-less Tag for Radio Frequency Identification Applications <i>Sajeel Zafa Saira Rubab Hidayat Ullah Farooq Ahmad Tahir</i> IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, res.country(38,) Citations: N/A DOI: https://2020apsursi.org/		2020
A Rotman Lens Inspired Antenna for Unlicensed 60 GHz Millimeter-Wave Communications <i>Hidayat Ullah Farooq Ahmad Tahir</i> IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, res.country(38,) Citations: N/A DOI: https://2020apsursi.org/		2020
A High Gain and Wideband CPW-Fed Antenna for Millimeter-Wave Applications <i>Hidayat Ullah Farooq Ahmad Tahir</i> IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, res.country(38,) Citations: N/A DOI: https://2020apsursi.org/		2020
An Invariant Dual-beam Snowflake Antenna for Future 5G Communications <i>Hidayat Ullah Dr. Farooq Ahmad Tahir Hassan Tariq Chattha Qammer H. Abbasi</i> 18th International Symposium on Antenna Technology and Applied Electromagnetic, res.country(38,) Citations: N/A DOI: https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8572926		2018
A Wearable Radiometric Antenna for Non-Invasive Brain Temperature Monitoring <i>Hidayat Ullah Dr. Farooq Ahmad Tahir Dr. Hammad Mehmood Cheema</i> Proceedings of 18th International Symposium on Antenna Technology and Applied Electromagnetics (ANTEM), res.country(38,) Citations: N/A		2018