

Mohsin Khalil

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About

Dr. Mohsin Khalil is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Mohsin Khalil has published 10 research articles & conference papers having a citation count of 15, carried out 0 projects and filed 0 intellectual property.

Qualifications

Experience

Defence Faculty	2023- Present
College of Aeronautical Engineering	
Defence Faculty	2020 - 2023
College of Aeronautical Engineering	
Defence Faculty	2017 - 2020
College of Aeronautical Engineering	

Research Articles

Advancing Green Energy Integration in Power Systems for Enhanced Sustainability: A Review	2024
Mohsin Khalil Shahzad Amin Sheikh	
IEEE Access , Volume 12, Pages 151669-151692	
Impact Factor: 3.400   Quartile: 2   Citations: 10	
DOI: <a href="https://doi.org/10.1109/ACCESS.2024.3472843">https://doi.org/10.1109/ACCESS.2024.3472843</a>	
From Pixel to Peril: Investigating Adversarial Attacks on Aerial Imagery through Comprehensive Review and Prospective Trajectories	2023
Syed M Kazam Abbas Kazmi Nayyer Aafaq Mansoor Ahmed Khan Mohsin Khalil Ammar Saleem	
IEEE Access , Volume 11, Pages 81256-81278	
Impact Factor: 3.9   Quartile: 2   Citations: 5	
DOI: 10.1109/ACCESS.2023.3299878	

<b>Bridging Vehicle Safety Gaps: The Potential of Cost-Effective LiDAR in Collision Avoidance</b> <i>Mohsin Khalil Muhammad Amir Tahir Ala'a Khalaf Al-Homran</i> <i>2025 IEEE International Conference on Consumer Electronics (ICCE), res.country(233,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/ICCE63647.2025.10929886">https://doi.org/10.1109/ICCE63647.2025.10929886</a>	2025
<b>Powering the Wireless Wave: Design Optimization by GaN HEMT Fusion and Quarter-Wave Matching</b> <i>Mohsin Khalil M. Saad Ikram M. Farhan Shahid M. Waqas Bashir</i> <i>2024 International Conference on Frontiers of Information Technology (FIT), res.country(177,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/FIT63703.2024.10838421">https://doi.org/10.1109/FIT63703.2024.10838421</a>	2024
<b>SonicVision: Navigating Object Counting Frontiers with Ultrasonic Economy</b> <i>Mohsin Khalil M. Saad Ikram Adnan Shah</i> <i>2024 4th International Conference on Innovations in Computer Science (ICONICS), res.country(177,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/ICONICS64289.2024.10824307">https://doi.org/10.1109/ICONICS64289.2024.10824307</a>	2024
<b>LiDAR on a Budget: Driving Global Safety Innovations Across Developing Countries</b> <i>Mohsin Khalil Ala'a Khalaf Al-Homran</i> <i>2024 IEEE International Conference on Consumer Electronics-Asia (ICCE-Asia), res.country(241,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/ICCE-Asia63397.2024.10773728">https://doi.org/10.1109/ICCE-Asia63397.2024.10773728</a>	2024
<b>MAVLink Protocol: A Survey of Security Threats and Countermeasures</b> <i>Mohsin Khalil Muhammad Ameer Hamza Mujahid Mohsin Syed M Kazam Abbas Kazmi</i> <i>2024 4th International Conference on Digital Futures and Transformative Technologies (ICoDT2), res.country(177,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/ICoDT262145.2024.10740195">https://doi.org/10.1109/ICoDT262145.2024.10740195</a>	2024
<b>Predictive Analytics in Cognitive Radio: Neural Network Based Approach for Spectrum Sensing</b> <i>Mohsin Khalil Jehanzaib Nasim Javed Syed M Kazam Abbas Kazmi Muhammad Saad Ikram</i> <i>2024 Horizons of Information Technology and Engineering (HITE), res.country(177,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/HITE63532.2024.10777163">https://doi.org/10.1109/HITE63532.2024.10777163</a>	2024
<b>Spatial Synthesis: Dynamic Positioning of 3-DOF Robotic Arm in Virtual and Actual Realms</b> <i>Mohsin Khalil Zaheer Shamsi</i> <i>2024 International Conference on Consumer Electronics - Taiwan (ICCE-Taiwan), res.country(227,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/ICCE-Taiwan62264.2024.10674539">10.1109/ICCE-Taiwan62264.2024.10674539</a>	2024
<b>Enabling Duplex Baseband Signal Transmission via Carrier Reuse in Free Space Optical Links</b> <i>Mohsin Khalil Zaheer Shamsi Tauseef Abbas</i> <i>2024 5th International Conference on Advancements in Computational Sciences (ICACS), res.country(177,)</i> <b>Citations:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.1109/ICACS60934.2024.10473269">https://doi.org/10.1109/ICACS60934.2024.10473269</a>	2024