

Hafiz Qasim Ali

Instructor

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About

Dr. Hafiz Qasim Ali is working as Instructor in the College of Aeronautical Engineering. Dr. Hafiz Qasim Ali has published 5 research articles & conference papers having a citation count of 30, carried out 0 projects and filed 0 intellectual property.

Qualifications

Experience

Instructor	2023- Present
College of Aeronautical Engineering	

Research Articles

Experimental and numerical analysis of damage progression in composite cylinders with cutouts under combined loading using structural health monitoring techniques <i>Hafiz Qasim Ali Sercan Akgun Cahit Orhun Senol Mehmet Yildiz</i> <i>Composite Structures</i> , Volume 354, Article Number 118829 Impact Factor: 6.300 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1016/j.compstruct.2024.118829	2025
Structural health monitoring of precracked structures using an in-plane inverse crack-tip element <i>Ihtisham Khalid Zahid Ahmad Hafiz Qasim Ali Selda Oterkus Erkan Oterkus</i> <i>International Journal of Mechanical System Dynamics</i> , Volume:04, Issue:04, Pages: 406-426 Impact Factor: 3.4 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1002/msd2.12136	2024
Extrusion-based additive manufacturing of CFRP/steel/CFRP multi-material structure: Process development and influence of heat treatment on the mechanical performance <i>Waseem Ahmad Haris Ali Khan Sharjeel Salik Hafiz Qasim Ali Sara Khushbash Zahid Ahmad</i> <i>Journal of Manufacturing Processes</i> , Volume 124 , Pages 891-908 Impact Factor: 6.100 Quartile: 1 Citations: 6 DOI: https://doi.org/10.1016/j.jmapro.2024.06.017	2024
Coupling of isogeometric higher-order RZT and parametric HFGMC frameworks for multiscale modeling of sandwich laminates: Theory and experimental validation <i>Hafiz Qasim Ali Aryan Kheyabani Adnan Kefal Mehmet Yildiz</i> <i>Aerospace Science and Technology</i> , Volume 146, Article Number: 108944 Impact Factor: 5.6 Quartile: 1 Citations: 3 DOI: 10.1016/j.ast.2024.108944	2024
Buckling and fracture analysis of thick and long composite cylinders with cutouts under axial Compression: An experimental and numerical campaign <i>Hafiz Qasim Ali H.N.R. Wagner C. Akalın I.E. Tabrizi C. Hühne M. Yildiz</i> <i>Composite Structures</i> , Volume 324, Article Number 117530 Impact Factor: 6.3 Quartile: 1 Citations: 18 DOI: https://doi.org/10.1016/j.compstruct.2023.117530	2023