Syed Saad Javaid

Defence Faculty

College of Aeronautical Engineering

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2014 - 2016

2008 - 2022

About

Dr. Syed Saad Javaid is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Syed Saad Javaid has published 8 research articles & conference papers having a citation count of 76, carried out 0 projects and filed 0 intellectual property.

Qualifications

Post Grad Diploma in Fracture Mechanics	2020 - 2021
Georgia Institute of Technology , United States	
Post Grad Diploma in Entreprenuership	2017 - 2021
Georgia Institute of Technology , United States	
Post Grad Diploma in Materials	2016 - 2021
Georgia Institute of Technology , United States	
Experience	
Defence Faculty	2025- Present
College of Aeronautical Engineering	
Defence Faculty	2021 - 2025
College of Aeronautical Engineering	
Assistant Professor	2021 - 2022
NUST , CAE, NUST	

Squadron LeaderPakistan Air Force , AHQ, Islamabad

Assistant Professor

NUST, CAE, NUST

Research Articles

DOI: -

Investigation of the mechanical behavior of FDM processed CFRP/AI hybrid joint at elevated temperatures	2023
Sabih Ahmad Khan Haris Ali Khan Abdullah Khan Shuaib Salamat Syed Saad Javaid Raja Muhammad Awais	
Thin-Walled Structures, Volume 192, Article Number 111135	
Impact Factor: 6.4 Quartile: 1 Citations: 16	
DOI: https://doi.org/10.1016/j.tws.2023.111135	
Development and characterization of a new riveting process for pre-drilled holes hard-to-access	2022
aircraft riveted joints	
Haris Ali Khan Nafey Zafar Asad Hameed M Farooq Bin Akram Kamran Asim Syed Saad Javaid Abdullah Khan	
The International Journal of Advanced Manufacturing Technology, Pages 1-12	
Impact Factor: 3.4 Quartile: 2 Citations: 8 DOI: 10.1007/s00170-022-09167-3	
The development of zones of active plasticity during mode I steady-state crack growth in thin aluminum	2019
Sheets Cond Cond Invaid Wade Langing Christopher Muhlatain	
Syed Saad Javaid Wade Lanning Christopher Muhlstein Engineering Fracture Mechanics, Volume:218, Article Number: 106540	
Impact Factor: 3.426 Quartile: 1 Citations: 2 DOI: 10.1016/j.engfracmech.2019.106540	
Mode I steady-state crack propagation through a fully-yielded ligament in thin ductile metal foils	2019
Syed Saad Javaid Wade Lanning Camilla Johnson Christopher Muhlstein	
Theoretical and Applied Fracture Mechanics, Volume:101, Page:141-151	
Impact Factor: 3.021 Quartile: 1 Citations: 4	
DOI: 10.1016/j.tafmec.2018.12.006	
Reconciling fracture toughness parameter contradictions in thin ductile metal sheets	2017
Syed Saad Javaid Wade Lanning Christopher Muhlstein	
Fatigue and Fracture of Engineering Materials and Structures, Volume 40, Issue 11, Pages 1809-1824	
Impact Factor: 2.533 Quartile: 1 Citations: 11	
DOI: https://doi.org/10.1111/ffe.12600	
Low resistivity ZnO-GO electron transport layer based CH3NH3Pbl3 solar cells	2016
Syed Saad Javaid Muhammad Imran Ahmad Zakir Hussain Muhammad Mujahid Ahmad Nawaz Khan Amir Habib	
AIP Advances, Volume:6, Issue:6, Article Number:065303	
Impact Factor: 1.568 Quartile: 3 Citations: 31	
DOI: 10.1063/1.4953397	
Perovskite Solar Cells: Potentials, Challenges, and Opportunities	2015
Muhammad Imran Ahmed Amir Habib Syed Saad Javaid	
International Journal of Photoenergy, Volume 2015, Article ID 592308	
Impact Factor: 1.226 Quartile: 3	