

Imran Shah

Instructor

College of Aeronautical Engineering

Email: ishah@cae.nust.edu.pk

Contact:



About

Dr. Imran Shah is working as Instructor in the College of Aeronautical Engineering. Dr. Imran Shah has a PhD in Microfluidics Mixing. Dr. Imran Shah has published 8 research articles & conference papers having a citation count of 74, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Microfluidics Mixing Cheju National University , South Korea	2016 - 2019
Post Grad Diploma in Microfluidics Mixing BSE, Karachi , pakistan (Duplicate)	2014 - 2016
BS in FEM and CFD BSE, Karachi , pakistan (Duplicate)	2010 - 2014

Experience

Instructor College of Aeronautical Engineering	2023- Present
Instructor College of Aeronautical Engineering	2022 - 2022
Assistant Professor National University of Technology Islamabad Pakistan , Islamabad	2020 - 2022
Assistant Professor University of Lahore Islamabad Campus , Islamabad	2019 - 2020
Lab Engineer International Islamic University Islamabad (IIUI) , Islamabad	2016 - 2016

- Miniaturized Rapid Electrochemical Immunosensor Based on Screen Printed Carbon Electrodes for Mycobacterium tuberculosis Detection** 2023
Noura Zouaghi Shahid Aziz Imran Shah Ahmed Aamouche Dong-won Jung Brahim Lakssir El Mostafa Ressami
Biosensors , Volume 13(6), Article Number 589
Impact Factor: 5.743 | **Quartile:** 1 | **Citations:** 9
DOI: <https://doi.org/10.3390/bios13060589>
- Optimization of Bead Geometry during Tungsten Inert Gas Welding Using Grey Relational and Finite Element Analysis** 2023
Muhammad Hanif Abdul Hakim Shah Imran Shah Jabir Mumtaz
Materials , Volume 16, Issue 10, Article Number 3732
Impact Factor: 3.748 | **Quartile:** 1 | **Citations:** 5
DOI: 10.3390/ma16103732
- Mechanical Stability of the Heterogenous Bilayer Solid Electrolyte Interphase in the Electrodes of Lithium-Ion Batteries** 2023
Yasir Ali Noman Iqbal Imran Shah Seungjun lee
Mathematics , Volume 11, Issue 3, Article Number 543
Impact Factor: 2.592 | **Quartile:** 1 | **Citations:** 2
DOI: 10.3390/math11030543
- Numerical and Experimental Analysis of Shell and Tube Heat Exchanger with Round and Hexagonal Tubes** 2023
Abdullah Khan Imran Shah Waheed Gul Tariq Amin Khan Yasir Ali Syed Athar Masood
energies , Volume 16(2), Article Number 880
Impact Factor: 3.252 | **Quartile:** 3 | **Citations:** 8
DOI: 10.3390/en16020880
- Numerical and Experimental Analysis of Drag and Lift Forces on a Bullet Head** 2022
Abdullah Khan Imran Shah Shahid Aziz Muhammad Waqas Uzair Khaleeq uz Zaman Dong Won Jung
Aerospace , Volume 9(12), Article Number 816
Impact Factor: 2.660 | **Quartile:** 1 | **Citations:** 8
DOI: <https://doi.org/10.3390/aerospace9120816>
- Wearable Healthcare Monitoring Based on a Microfluidic Electrochemical Integrated Device for Sensing Glucose in Natural Sweat** 2022
Zouaghi Noura Imran Shah Shahid Aziz Aamouche Ahmed Dong-Won Jung Lakssir Brahim Ressami ElMostafa
Sensors , Volume 22, Issue 22, Article Number 8971
Impact Factor: 3.9 | **Quartile:** 2 | **Citations:** 18
DOI: <https://doi.org/10.3390/s22228971>
- Computational Fluid Dynamics and Experimental Analysis of a Wind Turbine Blade's Frontal Section with and without Arrays of Dimpled Structures** 2022
Shahid Aziz Abdullah Khan Imran Shah Tariq Amin Khan Yasir Ali Badar Rashid Dong Won Jung Muhammad Umer Sohail
Energies , Volume 15, Issue 19, Article Number 7108
Impact Factor: 3.252 | **Quartile:** 3 | **Citations:** 12
DOI: <https://doi.org/10.3390/en15197108>
- Influence of Elbow Angle on Erosion-Corrosion of 1018 Steel for Gas-Liquid-Solid Three Phase Flow** 2022
Muhammad Rehan Khan Hamdan H. Ya Imran Shah Usama Muhammad Niazi Bilal Anjum Muhammad Irfan Adam Glowacz Zbigniew Pilch Frantisek Brumerick Mohammad Azeem Mohammad Azad Alam Tauseef Ahmed
Materials , Volume 15(10), Article Number 3721
Impact Factor: 3.623 | **Quartile:** 1 | **Citations:** 12
DOI: <https://doi.org/10.3390/ma15103721>