

# Imran Shah

Instructor

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## 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

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

## Experience

<b>Instructor</b> College of Aeronautical Engineering	2023- Present
<b>Instructor</b> College of Aeronautical Engineering	2022 - 2022
<b>Assistant Professor</b> National University of Technology Islamabad Pakistan , Islamabad	2020 - 2022
<b>Assistant Professor</b> University of Lahore Islamabad Campus , Islamabad	2019 - 2020
<b>Lab Engineer</b> 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>