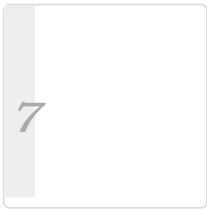


Waqas Hassan

Assistant Professor  
School of Mechanical & Manufacturing Engineering

Email:  
Contact:  
LinkedIn:



About

Dr. Waqas Hassan is working as Assistant Professor in the School of Mechanical & Manufacturing Engineering. Dr. Waqas Hassan has published 6 research articles & conference papers having a citation count of 104, carried out 0 projects and filed 0 intellectual property.

Qualifications

Experience

Assistant Professor	2021- Present
School of Mechanical & Manufacturing Engineering	
Assistant Professor	2018 - 2018
School of Mechanical & Manufacturing Engineering	
Assistant Professor	2018 - 2021
School of Mechanical & Manufacturing Engineering	
	- Present

### Failure analysis of cartridge brass shell

2022

*KHURRAM YAQOOB Fahim Hashmi Waqas Hassan*

*Engineering Failure Analysis* , Volume 138, Article Number 106325

**Impact Factor:** 3.634 | **Quartile:** 2 | **Citations:** 9

**DOI:** <https://doi.org/10.1016/j.engfailanal.2022.106325>

### Bio-inspired proton conducting phytagel derived zwitterionic complex membranes for fuel cells

2021

*K. Karuppasamy Dhanasekaran Vikraman Kyu-Won Jang Seenu Ravi Waqas Hassan Ranjith Bose Maiyalagan Thandavarayan Hyun-Seok Kim*

*International Journal of Energy Research* , Volume:45, Issue:12, Page:17120-17132

**Impact Factor:** 4.672 | **Quartile:** 1 | **Citations:** 8

**DOI:** 10.1002/er.5386

### Controlled Morphology and Its Effects on the Thermoelectric Properties of SnSe<sub>2</sub> Thin Films

2021

*Muhammad Siyar Maroosha Farid Haad Khan Malik Adeel Umer Waqas Hassan Amna Safdar*

*Crystals* , Volume 11(8), Article Number 942

**Impact Factor:** 2.589 | **Quartile:** 1 | **Citations:** 5

**DOI:** 10.3390/cryst11080942

### Improving fuel cell performance via optimal parameters identification through fuzzy logic based-modeling and optimization

2020

*Waqas Hassan Hegazy Rezk Ahmed Nassef Mohammad Ali Abdelkareem Ben Kolosz K. Karuppasamy Jawad Aslam Syed Omer Gilani*

*Energy* , Volume 204, Article Number 117976

**Impact Factor:** 7.147 | **Quartile:** 1 | **Citations:** 58

**DOI:** <https://doi.org/10.1016/j.energy.2020.117976>

### Frequency-Dependent Effective Capacitance of Supercapacitors Using Electrospun Cobalt-Carbon Composite Nanofibers

2019

*Mohammad A. Abdelkareem Anis Allagui Zafar Said Ahmed S. Elwakil Rawan Zannerni Waqas Hassan Khaled Elsaid*

*Journal of the Electrochemical Society* , Volume: 166, Issue: 12, Pages: A2403-A2408

**Impact Factor:** 3.721 | **Quartile:** 1 | **Citations:** 6

**DOI:** DOI: 10.1149/2.0121912jes

### Nickel-based bilayer thin-film anodes for low-temperature solid oxide fuel cells

2018

*Yeageun Lee Joonho Park Wonjong Yu Waqas Hassan Suk Won Cha Yoon HoLee Gu YoungCho Taehyun Park Chunhua Zheng Wonyoung Lee*

*Energy* , Volume 161, Pages 1133-1138

**Impact Factor:** 5.537 | **Quartile:** 1 | **Citations:** 18

**DOI:** <https://doi.org/10.1016/j.energy.2018.07.147>