Naeem Shahzad

Defence Faculty

Military College of Engineering

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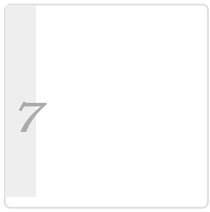

About

Dr. Naeem Shahzad is working as Defence Faculty in the Military College of Engineering. Dr. Naeem Shahzad has a PhD in Nanotechnology. Dr. Naeem Shahzad has published 31 research articles & conference papers having a citation count of 244, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Nanotechnology
NUST, Islamabad , Pakistan

Experience

Defence Faculty 2022- Present
Military College of Engineering

Defence Faculty 2012 - 2012
Military College of Engineering

- Present

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Awards

Best Teacher

Professional Memberships

PEC

Research Articles

Accuracy assessment of potential alternatives to observed precipitation for extremes over complex topography 2024

Muhammad Amjad Naeem Shahzad Wajeeh Ul Hassan

Theoretical and Applied Climatology , Volume 156, Article Number 42

Impact Factor: 2.800 | **Quartile:** 3
DOI: https://doi.org/10.1007/s00704-024-05232-x

SDG Final Decade of Action: Resilient Pathways to Build Back Better from High-Impact Low-Probability (HILP) Events 2022

Felix Kwabena Donkor Stergios-Aristoteles Mitoulis Sotirios Argyroudis Hassan Aboelkhair Juan Antonio Ballesteros Canovas Ahmad Bashir Ginbert Permejo Cuaton Samo Diatta Maral Habibi Daniel Hölbling Lance Manuel Maria Pregnolato Rodrigo Rudge Ramos Ribeiro Athanasios Sfetsos Naeem Shahzad Christiane Werner

Sustainability , Volume 14, Issue 22, Article Number 15401

Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 8
DOI: doi:10.3390/su142215401

Nanocomposite-Enhanced Efficient Evaporation System for Solar-Driven Seawater Desalination—An Optimized Design for Clean Water Production 2022

Zhou Wei Muhammad Sultan Irshad Naila Arshad Laila Noureen Iftikhar Ahmed Naveed Mushtaq Muhammad Sohail Asghar Qaisar Hayat Uzma Ghazanfar Muhammad Idrees Naeem Shahzad Yuzheng Lu

Nanomaterials , Volume 12, Issue 19, Article Number 3296

Impact Factor: 5.3 | **Quartile:** 1 | **Citations:** 4
DOI: doi:10.3390/nano12193296

Interfacial Photothermal Heat Accumulation for Simultaneous Salt Rejection and Freshwater Generation; an Efficient Solar Energy Harvester 2022

Zhou Wei Naila Arshad Chen Hui Muhammad Sultan Irshad Naveed Mushtaq Shahid Hussain Matiullah Shah Syed Zohaib Hassan Naqvi Muhammad Rizwan Naeem Shahzad Hongrong Li Yuzheng Lu Xianbao Wang

Nanomaterials , Volume 12, Issue 18, Article Number 3206

Impact Factor: 5.3 | **Quartile:** 1 | **Citations:** 15

DOI: https://doi.org/10.3390/nano12183206

Optoelectronic properties of thermally coated tin selenide thin films for photovoltaic 2021

Nisar Ali Umar Sharif Naeem Shahzad Abul Kalam Abdullah Al-Sehemi Hussein Alrobei Amir Khesro

International Journal of Energy Research, Pages 1-6

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

DOI: https://doi.org/10.1002/er.7402

A review on perovskite materials with solar cell prospective 2021

Nisar Ali Naeem Shahzad Sarir Uddin Rashid Ahmed Musarrat Jabeen Abul Kalam Abdullah G. Al-Sehemi Hussein Alrobei Mohammed Benali Kanoun Amir Khesro Souraya Goumri-Said

International Journal of Energy Research, Volume:45, Issue:14, Page:19729-19745

Impact Factor: 4.672 | **Quartile:** 1 | **Citations:** 50

DOI: 10.1002/er.7067

A Study on Optoelectronic Properties of Copper Zinc Tin Sulfur Selenide: A Promising Thin-Film Material for Next Generation Solar Technology 2021

Nisar Ali M. Zubair Amir Khesro Rashid Ahmed Sarir Uddin Naeem Shahzad Hussein Alrobe Abul Kalam Abdullah G. Al-Sehemi Bakhtiar Ul Haq

Crystal Research and Technology, Volume 56, Issue 7, Article Number 2000159

Impact Factor: 1.599 | **Quartile:** 3 | **Citations:** 4

DOI: 10.1002/crat.202000159

Nuclear Disaster Preparedness Level of Medical Responders in Pakistan 2021

Nadeem Ahmad Shah Naeem Shahzad Muhammad Sohail

Journal of Nuclear Medicine Technology, Volume 48(4), Pages 95-101

Impact Factor: 0 | **Citations:** 8

DOI: https://doi.org/10.2967/jnmt.120.252577

Synthesis of Tin Oxide Nanoparticles in order to study its properties 2021

Naeem Shahzad Nisar Ali A. Shahid S. Khan H. Alrobei

Digest Journal of Nanomaterials and Structures, Volume 16 (1), Pages 41-49

Impact Factor: 0.899 | **Quartile:** 4

DOI: https://doi.org/10.267/djnb.120.255477

The effects of regional climatic condition on the spread of COVID-19 at global scale 2020

Muhammad Mazhar Iqbal Irfan Abid Saddam Hussain Naeem Shahzad Muhammad Sohail Waqas Muhammad Jawed Iqbal

Science of the Total Environment , Volume 739, Article Number 140101

Impact Factor: 7.963 | **Quartile:** 1 | **Citations:** 93

DOI: 10.1016/j.scitotenv.2020.140101

Evaluation of the Destruction Potential of Zr-Doped TiO2 Nanoparticles for the Abatement of H2S Gas 2020

Naeem Shahzad Nisar Ali Nisar Ahmad

Journal of Optoelectronic and Biomedical Materials, Volume 12(3), Pages 89-94

Impact Factor: 0

Surfactant Assisted Hydrothermal Synthesis of Zinc Sulfide Nanoparticles Using Single Source Precursors 2020

Naeem Shahzad Nisar Ali I. Ahmad N. Ullah S. Khalid M. Fazal A. Kalam A. G. AL-Sehemi

Chalcogenide Letters , Volume 17(9), Pages 469-480

Impact Factor: 0.885 | **Quartile:** 4

Annealed Tin Selenide (SnSe) Thin Film Material for Solar Cell Application 2020

Nisar Ali Naeem Shahzad I. Haq S. W. Shah S. Ali Q. S. Ahmad F. Azlullah A. Kalam A. G. AL-Sehem

Chalcogenide Letters , Volume 17(7), Pages 347-351

Impact Factor: 0.885 | **Quartile:** 4

Rapid assessment of COVID-19 suspected cases: A community based approach for developing countries like Pakistan 2020

Naeem Shahzad Irfan Abid Wajahat Javed Mirza Muhammad Mazhar Iqbal

Journal of Global Health, Volume 10(1), Article Number 010353

Impact Factor: 4.413 | **Quartile:** 1 | **Citations:** 3

DOI: 10.7189/jogh.10.010353

Comparison of Sulphur and Zirconium Doped TiO2 Nanoparticles for H2S Gas Destruction 2019

Rai Waqas Azfar Khan Naeem Shahzad

International Journal of Environmental Science and Development, Volume 10, No. 9, Pages 266-269

Impact Factor: 2.540 | **Quartile:** 2

DOI: doi: 10.18178/ijesd.2019.10.9.1185

Approaches for Disaster Risk Reduction and Management in the Context of Islam 2019

Aasif Ali Shah Nawaz Naeem Shahzad

Fahm-i-Islam , Volume 2(2), Pages 1-13

Impact Factor: 0

DOI: Nil

Lowering of Groundwater Table Around River Ravi in Lahore: Aggravated by Indus Water Treaty 2018

Naeem Shahzad Sadaf Mumtaz Rai Waqas Azfar Khan

Australia and New Zealand Journal of Social Business, Environment and Sustainability, Volume 4, Issue 2, Pages 65-72

Impact Factor: -

DOI: NA

Application of Lean Agile Resilient Green Paradigm Framework on China Pakistan Economic Corridor: A Case Study 2017

Rai Waqas Azfar Khan Naeem Shahzad Sadaf Mumtaz

Mehran University Research Journal of Engineering & Technology, Volume 36, No. 3, Pages 521-534

Impact Factor: -

DOI: DOI: https://doi.org/10.22581/muet1982.1703.18

Community Based Flood Risk Reduction: A Study of 2010 Floods in Pakistan 2017

Muhammad Iqbal Javed Akhter Muhammad Irfan Naeem Shahzad Rehan Ullah

American Journal of Social Science Research, Volume 3, No. 6, Pages 35-42

Impact Factor: -

DOI: NA

Comparison of H2S gas destruction potential using TIO2 nanofibers and nanoparticles 2017

Naeem Shahzad Rai Waqas Azfar

Environmental Science and Pollution Research, Volume 24, Issue 2, Pages 1133-1136

Impact Factor: 2.800 | **Quartile:** 2 | **Citations:** 4

DOI: DOI:10.1007/s11356-016-7644-7

Averting a Water War through Surface Water Management in Pakistan 2016

Naeem Shahzad

Proceedings of the Pakistan Academy of Sciences: B. Life and Environmental Sciences, Volume 53 (3), Pages 139–148

Impact Factor: -

DOI: -

First principles study of the adsorption and dissociation mechanisms of H2S on a TiO2 anatase (001) surface 2016

Naeem Shahzad Akhtar Hussain Naeem Mustafa Nisar Ali Mohammed Benali Kanoun Souraya Goumri-Said

RSC Advances , Volume 6, Issue 10, Pages 7941-7949

Impact Factor: 3.108 | **Quartile:** 2 | **Citations:** 30

DOI: DOI:10.1039/C5RA20875K

Cerium Modified Pillared Montmorillonite Supported Cobalt Catalysts for Fischer Tropsch Synthesis 2015

Nisar Ahmad Zulfiqar Ali Nisar Ali Naeem Shahzad Fida Hussain Syed Mustansar Abbas

Journal of the Chemical Society of Pakistan, Volume 37, Issue 4, Pages 687-695

Impact Factor: 0.276 | **Quartile:** 4

DOI: -

Kinetic and Thermodynamic Studies for the H2S Adsoprtion using TiO2 Nanomaterials 2015

Naeem Shahzad Nisar Ahmad

Chalcogenide Letters , Volume 12, No. 3, Pages 129-136

Impact Factor: 0.676 | **Quartile:** 4

DOI: -

An Analysis of the Emergency Services and Response in Pakistan 2014

Zarmina Akbar Naeem Shahzad Syed Hassan Farooq

Journal of International Scientific Publications, Volume 12, Pages 490-494

Impact Factor: 0

DOI: -

Flood Management System in Pakistan 2014

Zarmina Akbar Syed Hassan Farooq Naeem Shahzad

European Scientific Journal, Volume 2, Pages 116-120

Impact Factor: 0

DOI: -

A Comparison of TiO2 Nanoparticles and Nanotubes for Catalytic Gas Phase Destruction of H2S Gas at High Temperatures 2012

Naeem Shahzad Syed Tajammul Hussain Asima Siddiqua Muhammad Anwar Baig

Journal of Nanoscience and Nanotechnology, Volume: 12 Issue: 6 Pages: 5061-5065

Impact Factor: 1.149 | **Quartile:** 3 | **Citations:** 14

DOI: 10.1166/jnn.2012.4934

Book Chapters

Disaster Diplomacy: A case study of Pakistan and India 2022

Taimoor Akbar Khan Naeem Shahzad Qandil Abbas

In: *Book on Contemporary Issues in The Balkans, Middle East, Asia & Africa*, 1st Edition, Chapter 16, Pages 337-354

Citations: N/A

DOI: https://doi.org/10.1007/978-3-030-8794-1_27

Climate Change and Food Security in Pakistan 2022

Dr. Muhammad Amjad Dr. Naeem Shahzad

In: *Sustainable Agriculture and Food Security*, 1st Edition, Pages: 579-594

Citations: 8

DOI: 10.1007/978-3-030-98617-9_33

Growing Climate Change impacts on hydrological drought and food security in district Peshawar, Pakistan 2022

Muhammad Idrees Naeem Shahzad Fatima Afzal

In: *Handbook of Climate Change Across the Food Supply Chain*, 1st Edition, Chapter 27, Pages 467-483

Citations: 2

DOI: https://doi.org/10.1007/978-3-030-87934-1_27

Exploring synergies between Disaster Risk Reduction and Climate Change policies in Pakistan 2021

Naeem shehzad Muhammad Irfan Muhammad Javed Iqbal Akhter Khichi

In: *Handbook of Climate Change Management*, Chapter 1, Pages 1-24

Citations: N/A

DOI: https://doi.org/10.1007/978-3-030-22759-3_211-1