Asad Ullah Khan

Professor

School of Chemical & Materials Engineering

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Contact:

About

Dr. Asad Ullah Khan is working as Professor in the School of Chemical & Materials Engineering. Dr. Asad Ullah Khan has a PhD in Chemical Engineering. Dr. Asad Ullah Khan has published 8 research articles & conference papers having a citation count of 70, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Chemical Engineering 1993 - 1997
Imperial College London , United Kingdom

MS in Chemical Engineering 1992 - 1993
Imperial College London , United Kingdom

BS in Chemical Engineering 1982 - 1986
NED UET Karachi , Pakistan

Experience

Professor 2022- Present
School of Chemical & Materials Engineering

Professor/HoD(ChE)/Chairman(ChE) 2011 - 2022
COMSATS University, Lahore , Defence Road, Lahore

Associate Professor/HoD(ChE)/Chairman(ChE) 2010 - 2011
COMSATS University, Lahore , Defence Road, Lahore

Assistan Professor 2008 - 2010
COMSATS University, Lahore , Defence Road, Lahore

Director (R&D) 2007 - 2008
Polymer Industries, Gujranwala , Plot 46-A, SIE-2, Khiali, Gujranwala

Analyst and Computer Programmer 2005 - 2007
Self Employed , London, UK

Research Scientist 2002 - 2005
A & R Polymer Products Ltd., UK , UK

Post-Doc Research Fellows 2000 - 2002
University of Surrey , Guildford, UK

Post-Doc Research Associate 1997 - 2000
Imperial College London, UK , Prince Court Road, London

Different few jobs pre PhD 1986 - 1992
NPSL, Pakistan Refinery etc (Different Organisations in Pakistan) , Islamabad, Karachi

Research Articles

Ultrasonic assisted removal of methyl orange and bovine serum albumin from wastewater using modified activated carbons: RSM optimization and reusability 2024

Imran Ahmad Khan Asad Ullah Khan Kashif Mairaj Deen Edouard Asselin Rehan Sadiq Muhammad Yasir Nasir Mahmood Ahmad

Materials Research Express, Volume: 11, Number: 09, Article Number: 095505

Impact Factor: 1.8 | **Quartile:** 3 | **Citations:** 4

DOI: 10.1088/2053-1591/ad76fe

Recovery and restoration of glass fibers from end-of-life composite waste through pyrolysis and partial oxidation processes combined with hot alkaline surface treatments 2024

A. Rafay Muhammad Irfan Salman Raza Naqvi Malik Adeel Umer M. A. Rehman Mohsin Saleem Muhammad Shoaib Butt Asad Ullah Khan

Polymer Composites, Pages 1-14

Impact Factor: 4.800 | **Quartile:** 1

DOI: https://doi.org/10.1002/pc.28916

Convolutional neural network approach for reduction of nitrogen oxides emissions from pulverized coal-fired boiler in a power plant for sustainable environment 2023

Muhammad Waqas Saif-ul-Allah Javed Khan Faisal Ahmed Arif Hussain Zeeshan Gillani Aqeel Ahmed Bazmi Asad Ullah Khan

Computers and Chemical Engineering, Volume 176, Article Number 108311

Impact Factor: 4.3 | **Quartile:** 2 | **Citations:** 9

DOI: 10.1016/j.compchemeng.2023.108311

Response Surface Methodology Modeling Correlation of Polymer Composite Carbon Nanotubes/Chitosan Nanofiltration Membranes for Water Desalination 2023

Momina Batool M. Asad Abbas Imran Ahmed Khan Muhammad Zafar Khan Mohsin Saleem Asad U. Khan Kashif Mairaj Deen Mehwish Batool Asim Laeeq Khan Shenmin Zhu Nasir M. Ahmad

ACS Environmental Science and Technology Water, Volume 3, Issue 5, Pages 1406-1421

Impact Factor: 4.800 | **Quartile:** 1 | **Citations:** 8

DOI: https://doi.org/10.1021/acsestwater.3c00107

Comparative study of ZIF-8-materials for removal of hazardous compounds using physio-chemical remediation techniques 2023

Asad Ullah Khan Muhammad Aslam Awais Bokahr Muhammad Mubashir Bazla Sarwar Asma A. Alothman Mohamed Ouladsmane Samar A. Aldossari Wai Siong Chai Kuan Shiong Khoo

Environmental Research, Volume: 220, Article Number: 115168

Impact Factor: 8.431 | **Quartile:** 1 | **Citations:** 11

DOI: 10.1016/j.envres.2022.115168

Synthesis of Novel MOF-5 Based BiCoO3 Photocatalyst for the Treatment of Textile Wastewater 2022

Bazla Sarwar Asad Ullah Khan Tahir Fazal Naeem Akhtar Qaisrani Ashfaq Ahmed Muhammad Aslam

Sustainability, Volume:14, Issue:19, Article Number:12885

Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 19

DOI: 10.3390/su141912885

Computationally Inexpensive 1D-CNN for the Prediction of Noisy Data of NOx Emissions From 500 MW Coal-Fired Power Plant 2022

Muhammad Waqas Saif-Ul-Allah Javed Khan Faisal Ahmed Chaudhary Awais Salman Zeeshan Gillani Arif Hussain Muhammad Yasin Noaman Ul-Haq Dr Asad Ullah Khan Aqeel Ahmed Bazmi Zubair Ahmad Mudassir Hasan

Frontiers in Energy Research, Volume:10,

Impact Factor: 3.858 | **Quartile:** 3 | **Citations:** 11

DOI: 10.3389/fenrg.2022.945769

Graphene oxide incorporated polyether sulfone nanocomposite antifouling ultrafiltration membranes with enhanced hydrophilicity 2022

Amber Salim Muhammad Asad Abbas Imran Ahmad Khan Muhammad Zafar Khan Farhan Javaid Shehla Mushtaq Mehwish Batool Muhammad Yasir Asim Laeeq Khan Asad Ullah Khan Kashif Mairaj Deen Nasir Mahmood Ahmad

Materials Research Express, Volume 9, Issue 7, Article Number 075503

Impact Factor: 2.025 | **Quartile:** 4 | **Citations:** 8

DOI: 10.1088/2053-1591/ac81a3

Editorial Activities

Advances in Polymer Technology 2024
Reviewed Papers for Journals
Impact Factor: 2

N/A 2024
Reviewed Papers for Journals
Impact Factor: N/A

Materials 2023
Reviewed Papers for Journals
Impact Factor: 3.748

Coatings 2023
Reviewed Papers for Journals
Impact Factor: 3.236

Chemical Engineering and Processing 2023
Reviewed Papers for Journals
Impact Factor: 4.264

Molecules 2023
Reviewed Papers for Journals
Impact Factor: 4.927

Polymers 2023
Reviewed Papers for Journals
Impact Factor: 4.967

Polymers 2023
Reviewed Papers for Journals
Impact Factor: 4.967

MOLECULES 2022
Reviewed Papers for Journals
Impact Factor: 4.927

Materials 2021
Reviewed Papers for Journals
Impact Factor: 3.748