Muhammad Adil Mansoor

Associate Professor

School of Natural Sciences

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Contact: 0518865601
LinkedIn: linkedin.com/in/dr-muhammad-adil-mansoor-724b55a1

About

Dr. Muhammad Adil Mansoor is working as Associate Professor in the School of Natural Sciences. Dr. Muhammad Adil Mansoor has a PhD in Chemistry. Dr. Muhammad Adil Mansoor has published 80 research articles & conference papers having a citation count of 1108, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in Chemistry 2011 - 2015
Universiti Malaya , Malaysia

MPhil in Chemistry 2008 - 2010
Quaid-i-Azam University , Pakistan

MSc in Chemistry 2006 - 2008
Quaid-i-Azam University , Pakistan

BSc in Premedical 2004 - 2006
Government College University Lahore , Pakistan

Experience

Associate Professor 2022- Present
School of Natural Sciences

Associate Professor 2021 - 2022
School of Natural Sciences

Assistant Professor 2019 - 2021
School of Natural Sciences

Assistant Professor 2018 - 2019
University of Sargodha Mianwali campus , University of Sargodha, Mianwali campus, Mianwali, Pakistan

Post doctoral Research Fellow 2017 - 2018
University of Malaya , Institute of Research Management and Services, University of Malaya, Kuala Lumpur, Malaysia

Research Assistant 2016 - 2016
University of Malaya , Institute of Research Management and Services, University of Malaya, Kuala Lumpur, Malaysia

Post doctoral Research Fellow 2015 - 2016
University of Malaya , High Impact Research Secretariat, Level 1,HIR Building, University of Malaya, Kuala Lumpur,Malaysia

Research Projects

National Projects

Development of mixed metal oxide -polymer composites and solid solution films aimed towards achieving clean energy applications 2022

Funding Agency: NRPU
Amount: PKR 4,500,000.00
Status: Approved_inprocess

Synthesis and characterization of metal decorated high surface area porous sodiumaluminosilicate and aluminotitanates for environmental control and energy security 2020

Funding Agency: Higher Education Commission Pakistan
Amount: PKR 8,330,985.00
Status: Completed

International Projects

Industry Projects

National Projects

Career Orientation Test Development 2020

Client: Merafuture
Amount: PKR 1,200,000.00
Status: Completed

International Projects

Research Articles

MnFe2O4 thin film electrodes via AACVD: A facile route for enhanced oxygen evolution reaction 2025

Alishbah Zaka Misha Aftab Nudrat fatima Khola Mashood Arshid Numan Muhammad Sheraz Ahmad Ali Haider Mudassir Iqbal Waqas Ali Shah Muhammad Adil Mansoor Muhammad Adeel Asghar

Fuel, Volume 395, Article Number 135179

Impact Factor: 7.5 | **Quartile:** 1
DOI: https://doi.org/10.1016/j.fuel.2025.135179

Facile synthesis and electrochemical study of NiO-Cr2O3/carbon nanotubes/polyaniline hybrid as a high-performance supercapattery electrode material 2025

Anna Khalid Azhar Mahmood Arshid Numan Mohammad Khalid Mudassir Iqbal Muhammad Adil Mansoor

Journal of Alloys and Compounds, Volume 1031, Article Number 181009

Impact Factor: 5.800 | **Quartile:** 1
DOI: https://doi.org/10.1016/j.jallcom.2025.181009

Revolutionizing electrocatalytic synergy: optimized ZrO2–Co3O4 composites for high-efficiency oxygen evolution reaction 2025

Alvera Mahnoor Fareeha Marriam Khadija Munawar Khurram Shahzad Munawar Muhammad Adeel Asghar Javed Iqbal Ali Haider Syed Mustansar Abbas Muhammad Adil Mansoor

Journal of Applied Electrochemistry, Volume:55, Issue:6, Pages 1399-1414

Impact Factor: 2.400 | **Quartile:** 3
DOI: https://doi.org/10.1007/s10800-025-02261-w

Synergistic effects in TiO2/MoS2/SnS ternary nanocomposite electrodes for enhanced supercapacitor performance 2025

Sara Abid Ghulam Ali Muhammad Adil Mansoor Laraib Sajjad Sidra Khalid Faiza Jan Iftikhar Muhammad Farooq Khan

Journal of Energy Storage, Volume:119, Article Number 116378

Impact Factor: 8.900 | **Quartile:** 1 | **Citations:** 3
DOI: https://doi.org/10.1016/j.est.2025.116378

Bis-imidazolium ionic liquid and silver nanoparticles mediated synthesis of alginate hydrogels for bacterial skin infection and wound healing applications 2025

Minahil Imtiaz Hira Akram Bushra Arshad Adeeb Shahzad Sajjad Haider Kamran Alam Salah uddin khan Muhammad Adil Mansoor Mudassir Iqbal

International Journal of Biological Macromolecules, Volume: 306, Part 3, Article Number: 141420

Impact Factor: 7.7 | **Quartile:** 1 | **Citations:** 2
DOI: https://doi.org/10.1016/j.ijbiomac.2025.141420

Electrochemical performance of Ag nanoparticles-integrated surface-terminated V2CTx MXene for enhanced energy storage 2025

Alishbah Zaka Muhammad Adil Mansoor Abdul Karim Sajjad Haider Kamran Alam Mudassir Iqbal

Journal of Alloys and Compounds, Volume: 1022, Article Number: 180025

Impact Factor: 5.8 | **Quartile:** 1 | **Citations:** 2

DOI: https://doi.org/10.1016/j.jallcom.2025.180025

Unveiling the Potential of Protein-Based Sustainable Antibacterial Materials 2025

Iqra Ghouri Muslum Demir Shahid Ali Khan Muhammad Adil Mansoor Mudassir Iqbal

Probiotics and Antimicrobial Proteins , Volume:17, Pages:737-762

Impact Factor: 4.400 | **Quartile:** 1

DOI: https://doi.org/10.1007/s12602-024-10381-6

Facile Hydrothermal Synthesis of Highly Durable Binary and Ternary Cobalt Nickel Copper Oxides for High-Performance Oxygen Evolution Reaction 2025

Muhammad Adil Mansoor Muhammad Adeel Asghar Zubair Ahmad Arshid Numan Ali Haider Humaira Bibi

International Journal of Hydrogen Energy, Volume 107, Pages 369-377

Impact Factor: 8.100 | **Quartile:** 1 | **Citations:** 2

DOI: https://doi.org/10.1016/j.ijhydene.2024.02.321

Synthesis and assessment of Au-doped Sb2Te3 microstructures for magnetic and thermoelectric properties 2025

Nitasha Komal Muhammad Adil Mansoor Manzar Sohail Ghayoor Abbas Chotana Muhammad Anis-ur-Rehman Muhammad Mazhar

Physica B : Condensed Matter, Volume 699, Article Number 416863

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

DOI: https://doi.org/10.1016/j.physb.2024.416863

MoS2 Nanoflowers Impregnated Functionally Modified Amino Cellulose Nanocomposites: An Innovative Approach for Anticancer Therapeutics 2024

Areesha Khan Sajjad Haider Kamran Alam Muhammad Adil Mansoor Mudassir Iqbal Farzana Nazir

BioNanoScience , Volume:15, Article Number 137, Pages:16

Impact Factor: 3.000 | **Quartile:** 3

DOI: https://doi.org/10.1007/s12668-024-01758-6

Novel ZnSe@d-Ti3CNTx nanocomposite as efficient bifunctional electrocatalyst for water splitting system 2024

Maryam Bibi Muhammad Asad Asghar Saba Ahmad Syeda Mahnoor Zehra Sajjad Haider Kamran Alam Yongbo Kuang Muhammad Adil Mansoor Fawad Ahmad Mudassir Iqbal

Materials Science in Semiconductor Processing, Volume 184, Article Number 108822

Impact Factor: 4.200 | **Quartile:** 2 | **Citations:** 4

DOI: https://doi.org/10.1016/j.mssp.2024.108822

Optoelectronic and Photocatalytic investigations of chitosan (CS) modified Platinum decorated ceria (Pt-CeO2-CS) composite 2024

Safoora Shabbi Rabia Naeem Tehmeena Ishaq Muhammad Adil Mansoor Saba Afzal Fatima Hassan

Optical Materials , Volume 157, Part 3, Article Number 116376

Impact Factor: 3.800 | **Quartile:** 1 | **Citations:** 1

DOI: https://doi.org/10.1016/j.optmat.2024.116376

Enhanced Electrocatalytic Performance of Novel d-Ti3CN@CdSe Nanocomposite for Efficient Water Splitting: Achieving Low Overpotential and High Stability 2024

Maryam Bibi Muhammad asad Asghar Saba Ahmad Sajjad Haider Kamran Alam Shahid Ali Khan Muhammad Adil Mansoor Mudassir Iqbal

Journal of the Electrochemical Society, Volume: 171, Number: 10, Article Number: 106505

Impact Factor: 3.1 | **Quartile:** 2 | **Citations:** 1

DOI: 10.1149/1945-7111/ad88ac

Hydrothermal approach for the synthesis of FeSe2/Ti3CNTx and its applications towards water splitting and energy storage 2024

Saba Ahmad Iffat Ashraf Sajjad Haider Kamran Alam Muhammad Adil Mansoor Mudassir Iqbal

Diamond and Related Materials, Volume 148, Article Number 111536

Impact Factor: 4.300 | **Quartile:** 2 | **Citations:** 4

DOI: https://doi.org/10.1016/j.diamond.2024.111536

Catalytic efficiency and kinetic analysis of manganese Polyoxometalate Heterogenized in MIL-100-Fe for selective Olefin oxidation using H2O2 2024

Waqas Ali Shah Syed Mustansar Abbas Muhammad Adil Mansoor Shaista Ibrahim Qaisar Abbas Bhatti Shujun Li
Molecular Catalysis , Volume 567, Article Number 114456
Impact Factor: 3.900 | **Quartile:** 2 | **Citations:** 4
DOI: https://doi.org/10.1016/j.mcat.2024.114456

Synergistic Approach of TiO2@MnZnO3 Heterostructure for Efficient Photoelectrochemical Water Splitting 2024
Fareeha Marriam Aleena Arshad Khadija Munawar Muhammad Adil Mansoor Mehdi Ebadi Rabia Naeem
Journal of The Electrochemical Society, Volume 171, Number 9, Article Number 096501
Impact Factor: 3.100 | **Quartile:** 2 | **Citations:** 3
DOI: DOI 10.1149/1945-7111/ad728d

Fabrication of Ti3CN @ ZnSe nanocomposite for enhanced supercapacitor performance 2024
Muhammad Asad Asghar Muhammad Waseem Yaseen Amina Arshad Saba Ahmad Iffat Ashraf Muhammad Adil Mansoor Mudassir Iqbal
Surfaces and Interfaces, Volume 51, Article Number 104743
Impact Factor: 5.700 | **Quartile:** 1 | **Citations:** 5
DOI: https://doi.org/10.1016/j.surfin.2024.104743

Investigating Electrochemical Behavior of Cobalt Pentacyano(methlyaniline)ferrate(II) in Various Aqueous Electrolytes for Supercapacitor Application 2024
Muhammad Bilal Abid Inayat Saqib Ali Muhammad Adil Mansoor Ali Haider Khizar Hayat Hazrat Hussain Talha Nisar Veit Wagner Syed Mustansar Abbas
New Journal of Chemistry, Volume 48, Issue 27, Pages 12434-12443
Impact Factor: 2.700 | **Quartile:** 2 | **Citations:** 6
DOI: https://doi.org/10.1039/D4NJ02023E

Graphite sheet-supported bimetallic RhNi thin film alloys for enhanced and durable hydrogen evolution in acidic environments 2024
Muhammad Ali Ehsan Faryal Aftab Muhammad Younas Muhammad Adil Mansoor Shakeel Ahmed
International Journal of Hydrogen Energy, Volume 69, 5 June 2024, Pages 411-420
Impact Factor: 7.2 | **Quartile:** 1 | **Citations:** 6
DOI: 10.1016/j.ijhydene.2024.05.046

Single Source Precursor Synthesis of Lead Titanate (PbTiO3) for the Electrochemical Detection of Nitric Oxide (NO) 2024
Alishbah Zaka Rimsha Liaqat Shahid Mehmood Ali Haider Mudassir Iqbal Muhammad Adil Mansoor
Journal of the Electrochemical Society, Volume: 171, Number: 5, Article No: 057518
Impact Factor: 3.9 | **Quartile:** 2 | **Citations:** 1
DOI: 10.1149/1945-7111/ad4e6e

Synthesis, evaluation, and in silico studies of imidazolium and pyridinium-based ionic liquids with Dioctyl succinamic acid anion for enhanced antibacterial applications 2024
Syeda Hadeesa Kazmi Amina Arshad Sidrah Hafeez Fazal Adnan Uzma Habib Ali Haider Muhammad Adil Mansoor Mudassir Iqbal
Journal of Molecular Liquids, Volume 401, Article Number 124714
Impact Factor: 6.00 | **Quartile:** 1 | **Citations:** 5
DOI: https://doi.org/10.1016/j.molliq.2024.124714

Praseodymium doped nickel oxide as hole-transport layer for efficient planar Perovskite Solar Cells 2024
Muhammad Tahir Hafiz Muhammad Abd ur Rehman Asif Hussain Mustafa Anwar Muhammad Adil Mansoor Faisal Abbas Sehar Shakir
Optik , Volume:300, Article Number: 171630
Impact Factor: 3.1 | **Quartile:** 2 | **Citations:** 7
DOI: 10.1016/j.ijleo.2024.171630

The photoelectrochemically enhanced oxygen evolution reaction via thin films of novel (1:2:1) SnO-Mn2O3-TiO2 hybrid nanotubes 2024
Rabia Naeem Sehar Shakir Shahzad Sharif Saba Afzal Shahid Bashir Muhammad Adil Mansoor
Surfaces and Interfaces, Volume 46, Article Number; 104034
Impact Factor: 6.2 | **Quartile:** 1 | **Citations:** 11
DOI: 10.1016/j.surfin.2024.104034

Magnetically separable core-shell nanoparticles for simultaneous metal adsorption and dye degradation 2024
Shanza Khan Waqar-Un Nisa Shahid Ali Khan Muhammad Adil Mansoor Sajjad Haider Salah Uddin Khan Xinhua Ouyang Mudassir Iqbal
Optical Materials, Volume 149, March 2024, 115017
Impact Factor: 3.8 | **Quartile:** 2 | **Citations:** 2
DOI: 10.1016/j.optmat.2024.115017

Nickel-Foam- and Carbon-Nanotubes-Fiber-Supported Bismuth Oxide/Nickel Oxide Composite; Highly Active and Stable Bifunctional Electrocatalysts for Water Splitting in Neutral and Alkaline Media 2024

Irsa Tariq Abid Ali Ali Haider Waheed Iqbal Muhammad Adeel Asghar Amin Badshah Muhammad Adil Mansoor Talha Nisar Veit Wagner Syed Mustansar Abbas Rabia Talat

Energy Technology, Volume12, Issue4, Article Number: 2301504, Pages: 11

Impact Factor: 3.8 | **Quartile:** 3 | **Citations:** 8

DOI: 10.1002/ente.202301504

Optical and photoelectrocatalytic performance of Tin (II) oxide silicate (Sn6SiO8) thin films as a photoanode by Aerosol Assisted Chemical Vapor Deposition 2024

Rabia Naeem Khadija Munawar Sehar Shakir Rabia Sattar Muhammad Adil Mansoor

Optical Materials, Volume 148, Article Number: 114960

Impact Factor: 3.9 | **Quartile:** 2 | **Citations:** 5

DOI: 10.1016/j.optmat.2024.114960

Cobalt/cerium-based ternary Prussian blue analogs as battery type electrode for supercapacitor applications 2023

Arfah khan Muneeba shahid Abid Inayat Syed Mustansar Abbas Shengjie Peng Muhammad Adil Mansoor Talha Nisar Veit Wagner Ali Haider

Journal of Alloys and Compounds, Volume 964, Article Number 171303

Impact Factor: 6.2 | **Quartile:** 1 | **Citations:** 21

DOI: https://doi.org/10.1016/j.jallcom.2023.171303

Facile synthesis and electrochemical study of NiMnO3/CNT/PANI ternary hybrid as a high-performance supercapacitor electrode material 2023

Laraib Sajjad Ghulam Ali Muhammad Adil Mansoor Muhammad Farooq Khan

Journal of Energy Storage, Volume 72, Part A, Article Number 108351

Impact Factor: 9.40 | **Quartile:** 1 | **Citations:** 36

DOI: https://doi.org/10.1016/j.est.2023.108351

V2C MXene-TiO2 nanocomposite as an efficient electrode material for oxygen evolution reaction (OER) 2023

Alishbah Zaka Muhammad Adil Mansoor Muhammad Adeel Asghar Ali Haider Mudassir Iqbal

International Journal of Hydrogen Energy, Volume 48, Issue 89

Impact Factor: 7.2 | **Quartile:** 1 | **Citations:** 40

DOI: 10.1016/j.ijhydene.2023.05.230

Fabrication of a nickel sulfide/nickel oxide heterostructure for efficient electrochemical oxidation of methanol 2023

Faria Sheikh Aleena Arshad Fareeha Marriam Zubair Ahmad Ali Haider Mudassir Iqbal Muhammad Adil Mansoor

New Journal of Chemistry, Volume 47, Issue 38, Pages 17970-17983

Impact Factor: 3.3 | **Quartile:** 2 | **Citations:** 7

DOI: DOI: 10.1039/d3nj02855k

Surfactant-assisted fabrication of prussian blue analogs as bifunctional electrocatalysts for water and hydrazine oxidation 2023

Ruqia Khan Javeria Arshad Safia Khan Muhammad Adil Mansoor Saqib Ali Talha Nisar Veit Wagner Muhammad Adeel Asghar Ali Haider

Molecular Catalysis, Volume 548, Article Numbr 113415

Impact Factor: 4.6 | **Quartile:** 2 | **Citations:** 8

DOI: https://doi.org/10.1016/j.mcat.2023.113415

Effect of deposition temperature on topography and electrochemical water oxidation of NiO thin films 2023

Khadija Munawar Muhammad Adil Mansoor Rabia Naeem Muhammad Rizwan Muhammad Shakeel Ahmad Tuan Zaharinie Mohd Nashrul Mohd Zubir Zarina Aspanut

Thin Solid Films, Volume 782, Article Number: 140031

Impact Factor: 2.1 | **Quartile:** 3 | **Citations:** 10

DOI: 10.1016/j.tsf.2023.140031

Aerosol-assisted facile fabrication of bimetallic Cr2O3-Mn2O3 thin films for photoelectrochemical water splitting 2023

Muhammad Adil Mansoor Khadija Munawar Rabia Naeem N.M. Sarih M. Adeel Asghar Ali Haider M. N. M. Zubir T. Zaharinie

New Journal of Chemistry, Volume 47(17), Pages 8347-8354

Impact Factor: 3.3 | **Quartile:** 2 | **Citations:** 19

DOI: 10.1039/d2nj06274g

Effect of (Sm, In) Doping on the Electrical and Thermal Properties of Sb2Te3 Microstructures 2023

Nitasha Komal Muhammad Adil Mansoor Muhammad Mazhar Manzar Sohail Zahida Malik Muhammad Anis-ur-Rehman

ACS Omega, Volume 8, Issue 11, Pages 9797-9806

Impact Factor: 4.132 | **Quartile:** 2 | **Citations:** 12

DOI: 10.1021/acsomega.2c05859

Two-dimensional double transition metal carbides as superior bifunctional electrocatalysts for overall water splitting 2022

Syedah Afsheen Zahra M. Waqas Hakim Muhammad Adil Mansoor Syed Rizwan Hussain

Electrochimica Acta, Volume 434, Article Number 141257

Impact Factor: 7.336 | **Quartile:** 1 | **Citations:** 49

DOI: https://doi.org/10.1016/j.electacta.2022.141257

Role of Crystallographic Orientation of β-Sn Grain on Electromigration Failures in Lead-Free Solder Joint: An Overview 2022

Muhammad Nasir Sajid Ullah Butt Muhammad Adil Mansoor Niaz Bahadur Khan Shahid Bashir Yew Hoong Wong Turki Alamro Sayed Mohamed Eldin Mohammed Jameel

Coatings, Volume 12(11), Article Number 1752

Impact Factor: 3.236 | **Quartile:** 2 | **Citations:** 7

DOI: https://doi.org/10.3390/coatings12111752

Effect of substrate temperature on structural, optical, and photoelectrochemical properties of Tl2S thin films fabricated using AACVD technique 2022

Umar Daraz Tariq Mahmood Ansari Shafique Ahmad Arain Muhammad Adil Mansoor Muhammad Mazhar

Main Group Metal Chemistry, Volume 45, Pages 178-189

Impact Factor: 1.917 | **Quartile:** 3 | **Citations:** 3

DOI: https://doi.org/10.1515/mgmc-2022-0017

Extraction of Pb (II) and Co (II) using N,N-dioctylsuccinamate based room temperature ionic liquids containing aliphatic and aromatic cations 2022

Nizakat Azra Farzana Nazir Mah Roosh Muhammad Awais Khalid Muhammad Adil Mansoor Sher Bahadar Khan Muddassir Iqbal

Arabian Journal of Chemistry, Volume 15, Issue 9, Article Number 104099

Impact Factor: 6.212 | **Quartile:** 2 | **Citations:** 7

DOI: https://doi.org/10.1016/j.arabjc.2022.104099

A composite approach to synthesize a high-performance Pt/WO3-carbon catalyst for optical and electrocatalytic applications 2022

Rabia Naeem Saba Afzal Muhammad Adil Mansoor Khadija Munawar Bibi Sherino Riaz Ahmed

New Journal of Chemistry, Volume 46, Issue 28, Pages 13454-13464

Impact Factor: 3.925 | **Quartile:** 2 | **Citations:** 8

DOI: https://doi.org/10.1039/D2NJ01497A

Green Synthesis of Silver Nanoparticles Using the Plant Extract of Acer oblongifolium and Study of Its Antibacterial and Antiproliferative Activity via Mathematical Approaches 2022

Muhammad Naveed Bakhtawar Bukhari Tariq Aziz Sumera Zaib Muhammad Adil Mansoor Ayaz Ali Khan Muhammad Shahzad Anas S. Dabloo Mashael W. Alruways Abdulraheem Ali Almalki Abdulhakeem S. Alamri Majid Alhomrani

Molecules, Volume 27, Issue 13, Article Number 4220

Impact Factor: 4.927 | **Quartile:** 2 | **Citations:** 75

DOI: https://doi.org/10.3390/molecules27134226

Development of Yttrium and Iron Oxide Thin Films via AACVD Method for Photooxidation of Water 2022

Rafia Bintay Yousaf Shahzad Abu bakar Muhammad Mazhar Muhammad Adil Mansoor Mudassir Iqbal

Russian Journal of Applied Chemistry, Volume 95, Issue 1, Pages 37-45

Impact Factor: 0.850 | **Quartile:** 4 | **Citations:** 4

DOI: 10.1134/S1070427222010050

An Electrochemical Investigation of Methanol Oxidation on Thin Films of Nickel Oxide and Its Composites with Zirconium and Yttrium Oxides 2022

Karishma Mahmood Muhammad Adil Mansoor Mudassir Iqbal Abul Kalam Javed Iqbal Asim Jilani S. Wageh

Crystals, Volume 12(4), Article Number 534

Impact Factor: 2.589 | **Quartile:** 2 | **Citations:** 10

DOI: https://doi.org/10.3390/cryst12040534

Fabrication of Metal (Cu and Cr) Incorporated Nickel Oxide Films for Electrochemical Oxidation of Methanol 2021

Rimsha Liaqat Muhammad Adil Mansoor Javed Iqbal Asim Jilani Sehar Shakir Abul Kalam S. Wageh

Crystals, Volume 11(11), Article Number 1398

Impact Factor: 2.589 | **Quartile:** 2 | **Citations:** 29
DOI: https://doi.org/10.3390/cryst11111398

Versatile Fabrication of Binary Composite SnO2-Mn2O3 Thin Films by AACVD for Synergistic Photocatalytic Effect 2021

Rabia Naeem Muhammad Adil Mansoor Khadija Munawar Ahmad Adnan Tuan Zaharinie Mohd Nashrul Mohd Zubir
Journal of Electronic Materials, Volume 50, Pages 3897–3906
Impact Factor: 2.047 | **Quartile:** 3 | **Citations:** 19
DOI: https://doi.org/10.1007/s11664-021-08897-6

A Tri-metallic (Mn-Co-Ti) Oxide Photoanode with Improved Photo-conversion Efficiency 2021

Muhammad Adil Mansoor Khadijah Hamzah Rabia Naeem Mohd Nashrul Bin Mohd Zubir Nor Afifah Yahaya Farazila Binti Yusof Shaifulazuar Bin Rozali Zarina Binti Aspanut Huang Nay Ming
Russian Journal of Inorganic Chemistry, Volume 66, No. 6, Pages 806-813
Impact Factor: 1.667 | **Quartile:** 3 | **Citations:** 8
DOI: https://doi.org/10.1134/S0036023621060139

Fabrication, characterization, and photocatalytic performance of ternary cadmium chalcogenides CdIn2S4 and Cd7.23Zn2.77S10-ZnS thin films 2021

Umar Daraz Tariq Mahmood Ansari Shafique Ahmad Arain Muhammad Adil Mansoor Muhammad Mazhar Fayaz Hussain
Main Group Metal Chemistry, Volume 44, No. 1, Pages 39-50
Impact Factor: 1.917 | **Quartile:** 3 | **Citations:** 6
DOI: https://doi.org/10.1515/mgmc-2021-0008

Fabrication of Ag–ZnO composite thin films for plasmonic enhanced water splitting 2020

Khadija Munawar Muhammad Adil Mansoor Marilyn M. Olmstead Tuan Zaharinie Mohd Nashrul Mohamad Hanifa Wan Jefrey Basirun Muhammad Mazhar
Materials Chemistry and Physics, Volume 255, Article Number 123220
Impact Factor: 4.094 | **Quartile:** 2 | **Citations:** 36
DOI: https://doi.org/10.1016/j.matchemphys.2020.123220

Optical and photocatalytic properties of biomimetic cauliflowered Ca2Mn3O8–CaO composite thin films 2020

Khadija Munawar Muhammad Adil Mansoor Vickie Mckee Tuan Zaharinie Mohd Nashrul Zarina Aspanut Farazila Yusof Muhammad Mazhar
Journal of Solid State Chemistry, Volume 290, Article Number 121552
Impact Factor: 3.498 | **Quartile:** 2 | **Citations:** 8
DOI: https://doi.org/10.1016/j.jssc.2020.121552

Structural, Topographical and Optoelectronic Properties of ZnIn2S4 Thin Films Deposited from Dual Source Using Aerosol Assisted Chemical Vapour Deposition (AACVD) Technique 2020

Umar Daraz Tariq Mahmood Ansari Shafique Ahmad Arain Muhammad Adil Mansoor Muhammad Mazhar
Journal of the Chemical Society of Pakistan, Volume 42, No. 2, Pages 155-163
Impact Factor: 0.536 | **Quartile:** 4
DOI: NIL

Open-cell copper foam joining: joint strength and interfacial behaviour 2019

Farazila Yusof Tadashi Ariga Nur Amirah Mohd Zahri A. S. Md. Abdul Haseeb Muhammad Adil Mansoor Nazatul Liana Sukiman
Materials Science and Technology, Volume: 35, Issue: 16, Pages 2004-2012
Impact Factor: 1.835 | **Quartile:** 2 | **Citations:** 5
DOI: DOI:10.1080/02670836.2019.1661649

Study of solvent effect on structural and photoconductive behavior of ternary chalcogenides InBiS3-In2S3-Bi2S3 composite thin films deposited via AACVD 2019

Muhammad Adil Mansoor Umar Daraz Tariq Mahmood Ansari Shafique Ahmad Arain Muhammad Mazhar
Main Group Metal Chemistry, Volume 42, Issue 1, Pages 102-112
Impact Factor: 0.558 | **Quartile:** 4
DOI: NA

Propitious Escalation in Photocurrent Response from MnZnO3 Thin Films Using Methanol as Sacrificial Agent 2019

Muhammad Adil Mansoor SU PEI LIM FARAZILA BINTI YUSOF Huang Nay Ming
Journal of Electronic Materials, Volume 48, Issue 7, pp 4375–4380
Impact Factor: 1.774 | **Quartile:** 3 | **Citations:** 3
DOI: 10.1007/s11664-019-07224-4

Optimization of conditions for improved solar energy harvesting application by hydrothermally grown TiO2 nanorods 2019

Farazila Binti Yusof Huang Nay-Ming Muhammad Adil Mansoor

Journal of the Iranian Chemical Society, Volume 16, Issue 5, Pages 1113-1122

Impact Factor: 1.552 | **Quartile:** 3 | **Citations:** 7

DOI: 10.1007/s13738-018-01586-y

Synthesis and characterization of magnetite nano particles with high selectivity using in-situ precipitation method 2019

Harith Rashid Bilal Haider Rizwan Nasir Sharifah Bee Abd Hamid Aymn Abdulrahman Muhammad Adil Mansoor

SEPARATION SCIENCE AND TECHNOLOGY, -

Impact Factor: 1.718 | **Quartile:** 3 | **Citations:** 71

DOI: 10.1080/01496395.2019.1585876

Pyrochlore-structured Y2Ti2O7–2TiO2 composite thin films for photovoltaic applications 2019

Khadija Munawar Marilyn M. Olmstead FARAZILA BINTI YUSOF Misni Bin Misran Wan Jeffrey Basirun Muhammad Mazhar Muhammad Adil Mansoor

Journal of the Australian Ceramic Society, -

Impact Factor: 1.307 | **Quartile:** 2 | **Citations:** 21

DOI: 10.1007/s41779-019-00329-3

Lanthanum titanium oxide composite from a single molecular cluster: Non-enzymatic mesoporous electrochemical nitrite ion sensor 2018

Muhammad Adil Mansoor V. McKee F.B. Yusof S.P. Lim M.N.M. Zubir H.N. Ming M. Mazhar

Polyhedron , Polyhedron 156 (2018) 332–341

Impact Factor: 2.284 | **Quartile:** 2 | **Citations:** 23

DOI: 10.1016/j.poly.2018.09.045

Iron–manganese–titanium (1 : 1 : 2) oxide composite thin films for improved photocurrent efficiency 2017

Muhammad Adil Mansoor Khadija Munawar S. P. Lim N.-M. Huang M. Mazhar M. J. Akhtar M. Siddique

New Journal of Chemistry, Volume 41,Pages 7322-7330

Impact Factor: 3.201 | **Quartile:** 2 | **Citations:** 20

DOI: 10.1039/c7nj00513j

Photoelectrochemical water splitting over mesoporous CuPbI3 films prepared by electrophoretic technique 2017

Muhammad Adil Mansoor Rabia Naeem Rosiyah Yahya Mohd Asri Mat Teridi Mehran Sookhakian Asad Mumtaz Muhammad Mazhar

Monatshefte für Chemie, Volume: 148 Issue: 6 Pages: 981-989

Impact Factor: 1.285 | **Quartile:** 3 | **Citations:** 17

DOI: 10.1007/s00706-016-1880-x

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