

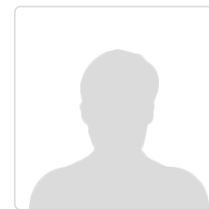
## Amir Habib

Associate Professor

School of Chemical & Materials Engineering

Email: mohsin\_naqvi@ncls.com

Contact:



## About

Dr. Amir Habib is working as Associate Professor in the School of Chemical & Materials Engineering. Dr. Amir Habib has published 21 research articles & conference papers having a citation count of 622, carried out 0 projects and filed 0 intellectual property.

## Qualifications

## Experience

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| <b>Associate Professor</b><br>School of Chemical & Materials Engineering | 2017- Present |
| <b>Associate Professor</b><br>School of Chemical & Materials Engineering | 2009 - 2017   |

## Research Articles

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| <b>Evaluating Mechanical Properties of Few Layers MoS2 Nanosheets-Polymer Composites</b><br><i>Rahim Jan Amir Habib Muhammad Bilal Khan Ahmad Nawaz Khan</i><br><i>Advances in Materials Science and Engineering</i> , Volume 2017, Article ID 3176808, pages:06<br><b>Impact Factor:</b> 1.372   <b>Quartile:</b> 3   <b>Citations:</b> 15<br><b>DOI:</b> DOI:10.1155/2017/3176808                                            | 2017 |
| <b>Liquid exfoliated graphene smart layer for structural health monitoring of composites</b><br><i>Rahim Jan Muhammad Bilal Khan Muhammad Anas Ali Nasir Saad Nauman Amir Habib Zaffar M Khan</i><br><i>Journal of Intelligent Material Systems and Structures</i> , Volume: 28, Issue: 12, Pages:1565-1574<br><b>Impact Factor:</b> 2.211   <b>Quartile:</b> 2   <b>Citations:</b> 19<br><b>DOI:</b> 10.1177/1045389X16672729 | 2017 |
| <b>Flexible, thin films of graphene-polymer composites for EMI shielding</b><br><i>Rahim Jan Muhammad Aftab Akram Amir Habib Imtiaz Ahmad Attaullah Shah Muhammad Sadiq Akhtar Hussain</i><br><i>Materials Research Express</i> , Volume: 4, Number: 3, Article Number: 035605<br><b>Impact Factor:</b> 1.151   <b>Quartile:</b> 4   <b>Citations:</b> 65<br><b>DOI:</b> 10.1088/2053-1591/Aa6351                              | 2017 |
| <b>Use of graphene nanosheets and barium titanate as fillers in PMMA for dielectric applications</b><br><i>Mubeen Haneef Hareema Saleem Amir Habib</i><br><i>Synthetic Metals</i> , Volume 223, Pages 101-106<br><b>Impact Factor:</b> 2.526   <b>Quartile:</b> 2   <b>Citations:</b> 32<br><b>DOI:</b> http://dx.doi.org/10.1016/j.synthmet.2016.12.006                                                                       | 2017 |
| <b>Effects of ambient air processing on morphology and photoconductivity of CH3NH3PbI3</b><br><i>Zakir Hussain Muhammad Imran Ahmed Hammad Tanveer Butt Iftikhar Ahmed Shahid Amir Habib</i><br><i>Journal of Materials Science: Materials in Electronics</i> , Volume: 27 Issue: 11 Pages: 12028-12035<br><b>Impact Factor:</b> 2.019   <b>Quartile:</b> 2   <b>Citations:</b> 6<br><b>DOI:</b> 10.1007/s10854-016-5351-2     | 2016 |
| <b>Study of band gap reduction of TiO2 thin films with variation in GO contents and use of TiO2/Graphene composite in hybrid solar cell</b><br><i>Hareema Saleem Amir Habib</i><br><i>Journal of Alloys and Compounds</i> , Volume 679, Pages 177-183<br><b>Impact Factor:</b> 3.133   <b>Quartile:</b> 1   <b>Citations:</b> 53<br><b>DOI:</b> doi:10.1016/j.jallcom.2016.03.240                                              | 2016 |

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| <b>Uniaxial Drawing of Graphene-PVA Nanocomposites: Improvement in Mechanical Characteristics via Strain-Induced Exfoliation of Graphene</b><br><i>Rahim Jan Amir Habib Muhammad Aftab Akram Tanveer-ul-Haq Zia Ahmad Nawaz Khan</i><br><i>Nanoscale Research Letters</i> , Volume 11, Article Number: 377<br><b>Impact Factor:</b> 2.833   <b>Quartile:</b> 2   <b>Citations:</b> 35<br><b>DOI:</b> 10.1186/s11671-016-1595-2                                                                                                    | 2016 |
| <b>Low resistivity ZnO-GO electron transport layer based CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> solar cells</b><br><i>Syed Saad Javaid Muhammad Imran Ahmad Zakir Hussain Muhammad Mujahid Ahmad Nawaz Khan Amir Habib</i><br><i>AIP Advances</i> , Volume:6, Issue:6, Article Number:065303<br><b>Impact Factor:</b> 1.568   <b>Quartile:</b> 3   <b>Citations:</b> 31<br><b>DOI:</b> 10.1063/1.4953397                                                                                                                     | 2016 |
| <b>Electrochemical characteristics and li<sup>+</sup> ion intercalation kinetics of dual-phase li<sub>4</sub>ti<sub>5</sub>o<sub>12</sub>/li<sub>2</sub>tio<sub>3</sub> composite in the voltage range 0-3 v</b><br><i>Humaira S. Bhatti Dalaver H. Anjum Shafiq Ullah Bilal Ahmed Amir Habib Altaf Karim S. K. Hasanain</i><br><i>Journal of Physical Chemistry C</i> , Volume 120, Issue 18, Pages 9553-9561<br><b>Impact Factor:</b> 4.536   <b>Quartile:</b> 1   <b>Citations:</b> 40<br><b>DOI:</b> 10.1021/acs.jpcc.5b12114 | 2016 |
| <b>Absorption Enhancement in CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> Solar Cell using TiO<sub>2</sub>/ MoS<sub>2</sub> Nanocomposite Electron Selective Contact</b><br><i>Zakir Hussain Muhammad Imran Ahmed Amir Khalid Hafiz Muhammad Noman Amin Amir Habib</i><br><i>Materials Research Express</i> , Volume 3, Issue 4, Article Number: 045022<br><b>Impact Factor:</b> 1.068   <b>Quartile:</b> 3   <b>Citations:</b> 22<br><b>DOI:</b> 10.1088/2053-1591/3/4/045022                                                     | 2016 |
| <b>High Aspect Ratio Graphene Nanosheets Cause a Very Low Percolation Threshold for Polymer Nanocomposites</b><br><i>Rahim Jan Amir Habib Hina Yaqub Abbasi</i><br><i>Acta Physica Polonica A</i> , Volume 129, Issue 4, Pages 478-481, Special Issue: SI<br><b>Impact Factor:</b> 0.469   <b>Quartile:</b> 4   <b>Citations:</b> 12<br><b>DOI:</b> 10.12693/APhysPolA.129.478                                                                                                                                                    | 2016 |
| <b>Chemical and morphological characteristics of mineral trioxide aggregate and portland cements</b><br><i>Shahbaz Khan Muhammad Kaleem Muhammad Amber Fareed Amir Habib Kefi Iqbal Ayesha Aslam Shahab Ud Din</i><br><i>Dental Materials Journal</i> , Volume 35, Issue 1, Pages 112-117<br><b>Impact Factor:</b> 1.073   <b>Quartile:</b> 4   <b>Citations:</b> 13<br><b>DOI:</b> doi:10.4012/dmj.2015-117                                                                                                                      | 2016 |
| <b>Stiff, Strong, Yet Tough Free-Standing Dielectric Films of Graphene Nanosheets-Polyurethane Nanocomposites with Very High Dielectric Constant and Loss</b><br><i>Rahim Jan Amir Habib Iftikhar Hussain Gul</i><br><i>Electronic Materials Letters</i> , Volume: 12, Issue: 1, Pages: 91-99<br><b>Impact Factor:</b> 1.790   <b>Quartile:</b> 3   <b>Citations:</b> 15<br><b>DOI:</b> 10.1007/s13391-015-5235-2                                                                                                                 | 2016 |
| <b>Perovskite Solar Cells: Potentials, Challenges, and Opportunities</b><br><i>Muhammad Imran Ahmed Amir Habib Syed Saad Javaid</i><br><i>International Journal of Photoenergy</i> , Volume 2015, Article ID 592308<br><b>Impact Factor:</b> 1.226   <b>Quartile:</b> 3<br><b>DOI:</b> -                                                                                                                                                                                                                                          | 2015 |
| <b>Metallic Nanoparticle (TiO<sub>2</sub> and Fe<sub>3</sub>O<sub>4</sub>) Application Modifies Rhizosphere Phosphorus Availability and Uptake by Lactuca sativa</b><br><i>Zahra Zahra Muhammad Arshad Rafia Rafique Arshad Mahmood Amir Habib Ishtiaq A. Qazi Saud A. Khan</i><br><i>Journal of Agricultur and Food Chemistry</i> , Volume 63, Issue 31, Pages 6876-6882<br><b>Impact Factor:</b> 2.857   <b>Quartile:</b> 1   <b>Citations:</b> 173<br><b>DOI:</b> 10.1021/acs.jafc.5b01611                                     | 2015 |
| <b>2-Aminoethanol-mediated wet chemical synthesis of ZnO nanostructures</b><br><i>Tehmina Naz Adeel Afzal Humaira M. Siddiqi Javeed Akhtar Amir Habib Mateusz Banski Artur Podchorodecki</i><br><i>Applied Nanoscience</i> , Volume 5, Issue 4, Pages 425-433<br><b>Impact Factor:</b> -   <b>Citations:</b> 8<br><b>DOI:</b> DOI:10.1007/s13204-014-0334-1                                                                                                                                                                       | 2015 |

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*Waqas Latif Ishtiaq Ahmed Qazi Imran Hashmi Muhammad Arshad Habib Nasir Amir Habib*  
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- Enhancing the mechanical properties of BN nanosheet-polymer composites by uniaxial drawing** 2014  
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