

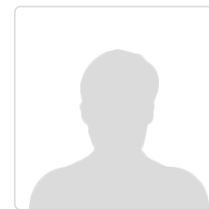
Amir Habib

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

Associate Professor School of Chemical & Materials Engineering	2017- Present
Associate Professor School of Chemical & Materials Engineering	2009 - 2017

Research Articles

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

Uniaxial Drawing of Graphene-PVA Nanocomposites: Improvement in Mechanical Characteristics via Strain-Induced Exfoliation of Graphene <i>Rahim Jan Amir Habib Muhammad Aftab Akram Tanveer-ul-Haq Zia Ahmad Nawaz Khan</i> <i>Nanoscale Research Letters</i> , Volume 11, Article Number: 377 Impact Factor: 2.833 Quartile: 2 Citations: 35 DOI: 10.1186/s11671-016-1595-2	2016
Low resistivity ZnO-GO electron transport layer based CH₃NH₃PbI₃ solar cells <i>Syed Saad Javaid Muhammad Imran Ahmad Zakir Hussain Muhammad Mujahid Ahmad Nawaz Khan Amir Habib</i> <i>AIP Advances</i> , Volume:6, Issue:6, Article Number:065303 Impact Factor: 1.568 Quartile: 3 Citations: 31 DOI: 10.1063/1.4953397	2016
Electrochemical characteristics and li+ ion intercalation kinetics of dual-phase li₄ti₅o₁₂/li₂tio₃ composite in the voltage range 0-3 v <i>Humaira S. Bhatti Dalaver H. Anjum Shafiq Ullah Bilal Ahmed Amir Habib Altaf Karim S. K. Hasanain</i> <i>Journal of Physical Chemistry C</i> , Volume 120, Issue 18, Pages 9553-9561 Impact Factor: 4.536 Quartile: 1 Citations: 40 DOI: 10.1021/acs.jpcc.5b12114	2016
Absorption Enhancement in CH₃NH₃PbI₃ Solar Cell using TiO₂/ MoS₂ Nanocomposite Electron Selective Contact <i>Zakir Hussain Muhammad Imran Ahmed Amir Khalid Hafiz Muhammad Noman Amin Amir Habib</i> <i>Materials Research Express</i> , Volume 3, Issue 4, Article Number: 045022 Impact Factor: 1.068 Quartile: 3 Citations: 22 DOI: 10.1088/2053-1591/3/4/045022	2016
High Aspect Ratio Graphene Nanosheets Cause a Very Low Percolation Threshold for Polymer Nanocomposites <i>Rahim Jan Amir Habib Hina Yaqub Abbasi</i> <i>Acta Physica Polonica A</i> , Volume 129, Issue 4, Pages 478-481, Special Issue: SI Impact Factor: 0.469 Quartile: 4 Citations: 12 DOI: 10.12693/APhysPolA.129.478	2016
Chemical and morphological characteristics of mineral trioxide aggregate and portland cements <i>Shahbaz Khan Muhammad Kaleem Muhammad Amber Fareed Amir Habib Kefi Iqbal Ayesha Aslam Shahab Ud Din</i> <i>Dental Materials Journal</i> , Volume 35, Issue 1, Pages 112-117 Impact Factor: 1.073 Quartile: 4 Citations: 13 DOI: doi:10.4012/dmj.2015-117	2016
Stiff, Strong, Yet Tough Free-Standing Dielectric Films of Graphene Nanosheets-Polyurethane Nanocomposites with Very High Dielectric Constant and Loss <i>Rahim Jan Amir Habib Iftikhar Hussain Gul</i> <i>Electronic Materials Letters</i> , Volume: 12, Issue: 1, Pages: 91-99 Impact Factor: 1.790 Quartile: 3 Citations: 15 DOI: 10.1007/s13391-015-5235-2	2016
Perovskite Solar Cells: Potentials, Challenges, and Opportunities <i>Muhammad Imran Ahmed Amir Habib Syed Saad Javaid</i> <i>International Journal of Photoenergy</i> , Volume 2015, Article ID 592308 Impact Factor: 1.226 Quartile: 3 DOI: -	2015
Metallic Nanoparticle (TiO₂ and Fe₃O₄) Application Modifies Rhizosphere Phosphorus Availability and Uptake by Lactuca sativa <i>Zahra Zahra Muhammad Arshad Rafia Rafique Arshad Mahmood Amir Habib Ishtiaq A. Qazi Saud A. Khan</i> <i>Journal of Agricultur and Food Chemistry</i> , Volume 63, Issue 31, Pages 6876-6882 Impact Factor: 2.857 Quartile: 1 Citations: 173 DOI: 10.1021/acs.jafc.5b01611	2015
2-Aminoethanol-mediated wet chemical synthesis of ZnO nanostructures <i>Tehmina Naz Adeel Afzal Humaira M. Siddiqi Javeed Akhtar Amir Habib Mateusz Banski Artur Podchorodecki</i> <i>Applied Nanoscience</i> , Volume 5, Issue 4, Pages 425-433 Impact Factor: - Citations: 8 DOI: 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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