

Dr. Sadia Sagar Iqbal

Assistant Professor

Publications' IF

- **H- Index: 08**
- **i10 –Index: 06**
- **Impact Factor: 48.226**
- **Total Number of citations: 138**

International Publications

1. **Sadia Sagar Iqbal**, Aneela Sabir, Atif Islam, Syed Zain-ul-Abdeen Bukhari, Muhammad Yasir, Arshad Bashir, Ali Bahadar, Zaffar M Khan, Effect of Graphene for ablation study of Advanced Composite materials for Aerospace applications, Key Engineering Materials, DOI, Vol, Page#, Date, Publisher: TRANSTECH PUBLICATION, Ltd., Impact Factor: **0.224** (Accepted)
2. **Sadia Sagar Iqbal**, Muhammad Adrees, Adnan Ahmad, Sehrish Jabeen, Muhammad Yasir, Arshad Bashir, Hafiz Muhammad Rafique, Fahad Jamshad, Waheed Gul Khan, Tuning of Thermo-Mechanical Performance Modified Multiwalled Carbon Nanotubes Reinforced SBR/NBR/SR Nanocomposites, Key Engineering Materials, DOI, Vol, Page#, Date, Publisher: TRANSTECH PUBLICATION, Ltd., Impact Factor: **0.224** (Accepted)
3. **Sadia Sagar Iqbal**, Fawad Inam, Ali Bahadar, Muhammad Arshad Bashir, Faiza Hassan, Mohammad Bilal Khan, Zaffar M. Khan, Tahir Jamil, Ablation, thermal stability/transport/phase transition study of carbon nanofiber-reinforced elastomeric nanocomposites, Journal of Thermal Analysis and Calorimetry, DOI: 10.1007/s10973-017-6831-1, Volume , Issue , Page#, 10 November 2017, Publisher: SPRINGER, Impact Factor: **1.953**.
4. Fahd Jamshaid, Adnan Ahmad, Muhammad Adrees, **Sadia Sagar Iqbal**, Hira Zaheer, Tahir Jamil, Javaid Ahmad, Tousif Hussain, Tuning the interlaminar shear strength and thermo-mechanical properties of glass fiber composites by incorporation of (3-mercaptopropyl) trimethoxysilane-functionalized carbon black, Iranian Polymer Journal, DOI: 10.1007/s13726-017-0576-3, Volume 26, Issue 12, Page#913-927, December 2017, Publisher: SPRINGER, Impact Factor: **1.422**.
5. Anbreen Bashir, Sehrish Jabeen, Nafisa Gull, Atif Islam, Misbah Sultan, Abdul Ghaffar, Shahzad Maqsood Khan, **Sadia Sagar Iqbal**, Tahir Jamil, Co-concentration effect of silane with natural extract on biodegradable polymeric films for food packaging, International Journal of Biological Macromolecules, DOI:10.1016/j.ijbiomac.2017.08.025, Volume 106, Page#351-359, 11 August 2017, Publisher: Elsevier, Impact Factor: **3.671**.
6. Iqra Munnawar, **Sadia Sagar Iqbal**, Muhammad N. Anwar, Mehwish Batool, Sheraz Tariq, Nosheen Faitma, Asim L. Khan, Asad U. Khan, Umair Nazar, Tahir Jamil, Nasir M. Ahmad, Synergistic effect of Chitosan Zinc Oxide Hybrid Nanoparticles on Antibiofouling and Water Disinfection of Mixed Matrix Polyethersulfone nanocomposite Membranes, Carbohydrate Polymers, DOI: 10.1016/j.carbpol.2017.08.036, Volume 175, Page#661-670, 1 November 2017, Publisher: Elsevier, Impact Factor: **4.811**.

7. Adnan Ahmad, Fahd Jamshaid, Muhammad Adrees, **Sadia Sagar Iqbal**, Aneela Sabir, Tabinda Riaz, Hira Zaheer, Atif Islam, Tahir Jamil, Novel Polyurethane/Polyvinyl chloride-co-vinyl acetate crosslinked membrane for reverse osmosis (RO), Desalination, DOI: 10.1016/j.desal.2017.07.007, Volume 420, Page#136-144, 12 July 2017, Publisher: Elsevier, Impact Factor: **5.527**.
8. Maria Wasim, **Sadia Sagar**, Aneela Sabir, Muhammad Shafiq, Tahir Jamil, Decoration of open pore network in Polyvinylidene fluoride/MWCNTs with chitosan for the removal of Reactive Orange 16 dye, Carbohydrate Polymers, DOI: 10.1016/j.carbpol.2017.06.086, Volume 174, Page#474-483, 24 June 2017, Publisher: Elsevier, Impact Factor: **4.811**.
9. **Sadia Sagar Iqbal**, Nadeem Iqbal, Tahir Jamil, Arshad Bashir, Exfoliated Sodium Montmorillonite Reinforced Elastomeric Nanocomposites: Ablation, Thermal Transport/Decomposition/Transitions and Mechanical Aspects, International Journal of Materials, Mechanics and Manufacturing (IJMMM), DOI: , Volume , Issue , Page# , 2018, Publisher: IJMMM (www.ijmmm.org)
10. **Sadia Sagar Iqbal**, Fawad Inam, Nadeem Iqbal, Tahir Jamil, Arshad Bashir, Mohammad Shahid, Thermogravimetric, Differential Scanning Calorimetric and Experimental Thermal Transport Study of Functionalized Nanokaolinite Doped Elastomeric Nanocomposites, Journal of Thermal Analysis and Calorimetry, DOI: 10.1007/s10973-016-5486-7, Volume 125, Issue 2, Page# 871–880 August 2016, Publisher: SPRINGER, Impact Factor: **1.953**.
11. Amina Afzal, Muhammad Shahid Rafique, Nadeem Iqbal, Asif Ali Qaiser, Abdul Waheed Anwer, **Sadia Sagar Iqbal**, Synergistic effect of functionalized nanokaolin decorated MWCNTs on the performance of Cellulose Acetate (CA) membranes, Nanomaterials, DOI:10.3390/nano6040079 Volumn 6, Issue 4, Page#79-92, 21 April 2016, Publisher: MDPI, Impact factor:**3.553**
12. **Sadia Sagar Iqbal**, Nadeem Iqbal, Experimental thermal transport evolution of silane activated nanoclay reinforced styrene butadiene elastomeric nanocomposites, Materials Science and Engineering, doi:10.1088/1757-899X/146/1/012039, Volume No. 146, Page # 1-12 (012039), Publisher: IOP Conference Series, August 2016, Impact factor:**0.156**.
13. **Sadia Sagar Iqbal**, Nadeem Iqbal, Tahir Jamil, Arshad Bashir, Zaffer M Khan, Tailoring in thermo mechanical properties of ethylene propylene diene monomer elastomer with silane functionalized multiwalled carbon nanotubes, Journal of Applied Polymer Science, DOI:10.1002/app.43221, Volume No.133, 20 March 2016, Publisher: WILEY ONLINELIBRARY, Impact Factor: **1.866, Citation: 01**
14. Muhammad Asghar, Nadeem Iqbal, **Sadia Sagar Iqbal**, Mohsin Farooq, Tahir Jamil, Ablation and thermo-mechanical tailoring of EPDM Rubber using Carbon Fibers, Journal of Polymer Engineering, DOI: 10.1515/polyeng-2015-0337, Volumn No. 36, Issue 7, Page # 713-722, September 2016, Publisher: DE GRUYTER, Impact Factor: **0.640, Citation : 01**
15. M Bassyouni, Nadeem Iqbal, **Sadia Sagar**, Mohammad Bilal Khan, Umair Javaid, Ablation and thermo-mechanical investigation of short carbon fiber impregnated elastomeric ablatives for ultrahigh temperature applications, Polymer Degradation and Stability, DOI: 0.1016/j.polymdegradstab.2014.08.032. Volume No.110, December 2014, Page # 195-202, Publisher: ELSEVIER, Impact Factor:**3.368, Citations : 03**
16. Nadeem Iqbal, Nasir M. Ahmad, **Sadia Sagar Iqbal**, and Abdul Waheed Anwar, Effect of Quenching Temperatures on the Properties and Performance of Kevlar Supported IPP Membranes, International Journal of Advanced Technology in Engineering and Science, Volume

No.02, Issue No. 11, November 2014, Page # 204-216, www.ijates.com, ISSN (online): 2348 – 7550, **SJR= 0.18**

17. Nadeem Iqbal, Nasir M. Ahmad, **Sadia Sagar**, Abdul Waheed Anwar, and Samreen Mustafa, Kevlar supported novel polypropylene Membranes: effect of polymer concentrations on the properties and Performance, International Journal of Advanced Technology in Engineering and Science, Volume No.02, Issue No. 11, November 2014, Page # 191-203, www.ijates.com, ISSN (online): 2348 – 7550, **SJR= 0.18**
18. Nadeem Iqbal, **Sadia Sagar Iqbal**, Abdul Waheed Anwar, Afsheen Sarwar, Faiza Jabeen, and Sarwat Jabeen, Acrylonitrile butadiene rubber/phenolic Resin blended ablative composites for High temperature applications, International Journal of Advanced Technology in Engineering and Science, Volume No.02, Issue No. 11, November 2014, Page # 225-234, www.ijates.com, ISSN (online): 2348 – 7550, **SJR= 0.18**
19. Nadeem Iqbal, **Sadia Sagar Iqbal**, Abdul Waheed Anwar, Samreen Mustafa, Sajid Rashid, Activated nanoclay impregnated styrene Butadiene rubber nanocomposites: Thermal transport/decomposition, Thermal transitions and mechanical Parameters, International Journal of Advanced Technology in Engineering and Science, Volume No.02, Issue No. 11, November 2014, Page # 244-256, www.ijates.com, ISSN (online): 2348 – 7550, **SJR= 0.18**
20. **Sadia Sagar**, Nadeem Iqbal, Asghari Maqsood, Muhammad Shahid, Nazar Abbas Shah, Tahir Jamil and Mohamed Ismail Bassyouni, Fabrication and thermal characteristics of functionalized carbon nanotubes impregnated polydimethylsiloxane nanocomposites, Journal of Composite Materials, Volume No.49, Issue No. 08, 27 March 2014, Page # 995-1006, DOI: 10.1177/0021998314528733, 27 March 2014, Publisher:SAGE, Impact Factor: **1.494**. Citations : **02**
21. **Sadia Sagar**, Nadeem Iqbal, Asghari Maqsood, and M. Bassyouni, MWCNTS Incorporated Natural Rubber Composites:Thermal Insulation, Phase Transition and Mechanical Properties, IACSIT International Journal of Engineering and Technology, DOI: 10.7763/IJET.2014.V6.689, Vol. 6, No. 3, 2014, Page # 168-173. Citations : **02**
22. **Sadia Sagar**, Nadeem Iqbal, Asghari Maqsood, Umair Javaid, Thermogravimetric, differential scanning calorimetric and experimental thermal transport study of MWCNT/NBR nanocomposites, Journal of Thermal Analysis and Calorimetry, DOI 10.1007/s10973-013-2949-y, Volume No.114, 2013, Page # 161-167. Publisher:SPRINGER, Impact Factor: **1.953**, 2013 Citations : **04**
23. **Sadia Sagar**, Nadeem Iqbal, Asghari Maqsood, Multiwalled carbon nanotubes impregnated rubber nanocomposites: thermal transport/decomposition and differential scanning calorimetric study, Journal of Reinforced Plastics and Composites, DOI: 10.1177/0731684413484184, Volume No.32, Issue No. 14, 2013, Page # 1052-1061, Publisher:SAGE, Impact Factor:**1.088** Citations : **02**
24. **Sadia Sagar**, Nadeem Iqbal, Asghari Maqsood, Dielectric, electric and thermal properties of carboxylic functionalized multiwalled carbon nanotubes impregnated polydimethylsiloxane nanocomposite, Journal of Physics: Conference Series 439 (**2013**) 012024, DOI:10.1088/1742-6596/439/1/012024, Publisher: IOP Conference Series, Impact Factor:**0.9**, Citations : **01**
25. Nadeem Iqbal, **Sadia Sagar**, Mohammad Bilal Khan, Mohamed Ismail Bassyouni, Zaffar M. Khan, Aluminum Silicate Fibers Impregnated Acrylonitrile Butadiene Rubber Composites: Ablation, Thermal Transport/Stability, and Mechanical Inspection, Journal of Applied Polymer

- Science. DOI: 10.1002/APP.39717, Volume No.130, Issue No. 06, 2013, Page # 4392-4400, Publisher: WILEY ONLINELIBRARY, Impact Factor: **1.866**, Citations : **07**
26. Nadeem Iqbal, Mohammad Bilal Khan, **Sadia Sagar**, Asghari Maqsood, Fabrication and Characterization of Multiwalled Carbon Nanotubes/Silicone Rubber Composites, Journal of Applied Polymer Science, DOI: 10.1002/APP.38410, Volume No.128, Issue No. 04, May 2013, Page # 2439-2446, Publisher: WILEY ONLINELIBRARY, Impact Factor: **1.866**, Citations : **10**
 27. Nadeem Iqbal, **Sadia Sagar**, Mohammad Bilal Khan, Hafiz Muhammad Rafique, Elastomeric Ablative Nanocomposites Used in Hyperthermal Environments, Polymer Engineering and Science, DOI 10.1002/pen.23573, Volume No.52, Issue No. 02, Feb 2014, Page # 255-263, Publisher: WILEY ONLINELIBRARY, Impact Factor: **1.52**, Citations : **05**
 28. Nadeem Iqbal, **Sadia Sagar**, Mohammad Bilal Khan and Hafiz Muhammad Rafique, Ablation, thermal stability/transport and mechanical investigations of modified nanokaolinite impregnated acrylonitrile butadiene rubber composites, Journal of Composite Materials, DOI: 10.1177/0021998313484948, Volume No.48, Issue No. 10, Feb 2014, Page # 1221-1231, Publisher:SAGE, Impact Factor:**1.494**, Citations : **04**
 29. Nadeem Iqbal, **Sadia Sagar**, and Mohammad Bilal Khan, Comprehensive Ablation Characteristics of Ceramic Fibers Impregnated Rubber Composites, IACSIT International Journal of Engineering and Technology , DOI: 10.7763/IJET.2014.V6.688, Volume No.06, Issue No. 03, 2014, Page # 162-167, Citations : **02**
 30. Nadeem Iqbal, Nasir M. Ahmad, **Sadia Sagar**, Faisal Iqbal, Mohammad H. K. Tareen, Taimoor A. Khan, Saad Mehfooz, M. Bilal Khan, Tahir Jameel, Development of Kevlar Supported Novel PP Membranes: Effect of Concentration of Nucleating Agent on the Properties and Performance, Journal of Applied Polymer Science, DOI: 10.1002/APP.39363, Volume No.130, Issue No. 04, November 2013, Page # 2821-2831, Publisher: WILEY ONLINELIBRARY, Impact Factor: **1.866**