

PUBLICATIONS IN ISI INDEXED JOURNALS

1. Maria Kanwal, Sehrish Jabeen, Atif Islam, **Nafisa Gull**, Adnan Mujahid, Muhammad Sarfraz Akram, Shahzad Maqsood khan, Bilal Haider, Azra Mehmood, Amna Ramzan. Cytocompatible and stimuli-responsive chitosan based carrier with 3-aminopropyl(diethoxy)methylsilane for controlled release of cefixime. **Chemical Papers**, (2023) <https://doi.org/10.1007/s11696-023-02886-1> (I.F. = 2.2).
2. Rizwana Shami, Aneela Sabir, Sadia Sagar Iqbal, **Nafisa Gull**, Rubab Zohra, Shahzad Maqsood khan. Synergistic effect of GO/ZnO loading on the performance of cellulose acetate/chitosan blended reverse osmosis membranes for NOM rejection. **Heliyon**, (2023) <https://doi.org/10.1016/j.heliyon.2023.e13736> (I.F. = 4.0).
3. Muhammad Khalid Azeem, Atif Islam, Muhammad Rizwan, Atta Rasool, **Nafisa Gull**, Raf Ullah Khan, Shahzad Maqsood Khan, Tahir Rasheed. Sustainable and environment Friendlier carrageenan-based pH-responsive hydrogels: swelling behavior and controlled release of fertilizers. **Colloid and Polymers Science**, 301 (2023) 209-219. <https://doi.org/10.1007/s00396-023-05054-9>. (I.F. = 2.4).
4. Tabinda Riaz, **Nafisa Gull**, Atif Islam, Muhammad Rizwan Dilshad, Leonard Ionut Atanase, Christelle Delaite. Needleless electrospinning of PCL nanofibers deposited on gelatin film for controlled Ibuprofen release. **Chemical Papers**, 77 (2023) 2657-2669. <https://doi.org/10.1007/s11696-022-02655-6> (I.F. = 2.2).
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6. Aneela Sabir, Wail Falath, Muhammad Shafiq, **Nafisa Gull**, Maria Wasim, Karl I. Jacob. Effective desalination and anti-biofouling performance *via* surface immobilized MWCNTs on RO membrane. **Chinese Journal of Chemical Engineering**, 56 (2022) 33-45. <https://doi.org/10.1016/j.cjche.2022.06.027>. (I.F. = 3.8).
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8. Mehwish Naz, Sehrish Jabeen, **Nafisa Gull**, Abdul Ghaffar, Atif Islam, Muhammad Rizwan, Huda Abdullah, Atta Rasool, Shahzad Maqsood Khan, Rafi Ullah Khan. Novel Silane Crosslinked Chitosan Based Electrospun Nanofiber for Controlled Release of Benzocaine. **Frontiers in Materials**, 9 (2022) <https://doi.org/10.3389/fmats.2022.826251> (I.F. =3.2).
9. Zunaira Huma Ghauri, Atif Islam, Muhammad Abdul Qadir, Abdul Ghaffar, **Nafisa Gull**, Maryam Azam, Azra Mehmood, Atif Ali Ghauri, Rafi Ullah Khan. Novel pH-responsive chitosan/sodium alginate/PEG based hydrogels for release of sodium ceftriaxone. **Materials Chemistry and Physics**, 277 (2022) <https://doi.org/10.1016/j.matchemphys.2021.125456> (I.F. =4.6).
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Chapters in International Books

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