

## List of Publications

1. **Hamsa Noreen**, Javed Iqbal, Waseem Hassan, Gul Rahman, Muhammad Yaseen, and Ata Ur Rahman. "Synthesis of graphene nanoplatelets/polythiophene nanocomposites with enhanced photocatalytic degradation of bromophenol blue and antibacterial properties." **Materials Research Bulletin** 142 (2021): 111435. (IF; 5.6) [10.1039/D1NJ02865K](https://doi.org/10.1039/D1NJ02865K)
2. Ata ur Rahman, **Hamsa Noreen**, Zeeshan Nawaz, Javed Iqbal, Gul Rahman, and Muhammad Yaseen. "Synthesis of graphene nanoplatelets/polythiophene as a high-performance supercapacitor electrode material." **New Journal of Chemistry** 45, no. 35 (2021): 16187-16195. (IF; 3.925). [10.1039/D1NJ02865K](https://doi.org/10.1039/D1NJ02865K)
3. **Hamsa Noreen**, Javed Iqbal, Aqsa Arshad, Rani Faryal, Ata-ur-Rahman, Rozina Khattak. (2019). Sunlight-induced catalytic degradation of bromophenol blue and antibacterial performance of graphene nanoplatelets/polypyrrole nanocomposites. **Journal of Solid State Chemistry**, 275, 141-148. (IF; 3.656). <https://doi.org/10.1016/j.jssc.2019.03.045>
4. Bakht Zaman, Waseem Hassan, Asghar Khan, and **Hamsa Noreen**. Development and validation of spectrophotometric method for assay determination and in vitro dissolution studies of sofosbuvir tablets. *Journal Chemical Society of Pakistan*. 2017, 39(6):962. <http://jcsp.org.pk/index.php/jcsp>
5. Hassan, Waseem, **Hamsa Noreen**, Shakila Rehman, Mohammad A. Kamal, and Joao BT da Rocha. "Association of oxidative stress with neurological disorders." **Current Neuropharmacology** 20, no. 6 (2022): 1046-1072. (IF; 7.708) [10.2174/1570159X1966621111141246](https://doi.org/10.2174/1570159X1966621111141246)
6. Rozina Khattak, Muhammad Sufaid Khan, Shazia Summer, Rizwan Ullah , Humaira Afridi, Zainab Rehman, Summyia Masood, **Hamsa Noreen**, Raina Aman Qazi , Bushra Begum. (2020). Kinetics of the oxidation of iodide by dicyanobis (phenanthroline) iron (III) in a binary solvent system. **International Journal of Chemical Kinetics**. (IF; 1.5). <https://doi.org/10.1002/kin.21436>
7. Qudart Ullah Khan, Imdadullah Mohammadzai, Ziarat Shah, Ihsanullah, Tariq Nawaz Khattak, **Hamsa Noreen** and Waseem Hassan. Effect of Gamma Irradiation on Nutrients and Shelf Life of Peach (*Prunus persical*) Stored at Ambient Temperature. *The Open Conference Proceedings Journal*, 2018, 09, 3. [10.2174/2210289201809010008](https://doi.org/10.2174/2210289201809010008)
8. Waseem Hassan, **Hamsa Noreen**, Shakila Rehman , Shehnaz Gul, Mohammad Amjad Kamal, Jean Paul Kamdem, Bakht Zamana and Joao B T da Rocha. Oxidative Stress and Antioxidant Potential of One Hundred Medicinal Plants. "**Current Topics in Medicinal Chemistry**", Vol. 17, No. 0, 2017. (IF; 3.218). [10.2174/1568026617666170102125648](https://doi.org/10.2174/1568026617666170102125648)
9. Bakht Zaman, Waseem Hassan, Asghar Khan, and **Hamsa Noreen**. Development and validation of spectrophotometric method for assay determination and in vitro dissolution studies of sofosbuvir tablets. *Journal Chemical Society of Pakistan*. 2017, 39(6):962. <http://jcsp.org.pk/index.php/jcsp>
10. Hassan, W., **Noreen, H.**, Castro-Gomes, V., Mohammadzai, I., da Rocha, J. B., &Ladeira-Fernandez, J. (2016). Association of Oxidative Stress with Psychiatric Disorders. **Current pharmaceutical design**.(IF; 3.452). [10.2174/1381612822666160307145931](https://doi.org/10.2174/1381612822666160307145931)
11. Waseem Hassan, **Hamsa Noreen**, Shafqat Ullah Khalil, Arshad Hussain, Shakila Rehman, Shagufta Sajjad, Ata Ur Rahman, and Joao BT da Rocha. "Ethanol extract of *Nigella sativa* protects Fe (II) induced lipid peroxidation in rat's brain, kidney and liver homogenates." **Pakistan Journal of Pharmaceutical Sciences**, 29, no. 1 (2016): 231-237.(IF;0.682) <http://www.pjps.pk/default.aspx#>
12. Waseem Hassan, Claudia S. Oliveira, **Hamsa Noreen**, Jean P. Kamdem, Cristina W. Nogueira and Joao BT Rocha. (2016). Organoselenium compounds as potential neuroprotective therapeutic agents. **Current Organic Chemistry**, 20(2), 218-231. (IF; 2.157). [10.2174/1385272819666150810222632](https://doi.org/10.2174/1385272819666150810222632)
13. Waseem Hassan, **Hamsa Noreen**, Shakila Rehman, Shehnaz Gul, Syeda Nida Zainab Kazmi, Bakht Zaman, et al. Nutritional and Phytochemical Profile of One Hundred (100) Medicinal Plants. **Journal of Nutritional Ecology and Food Research**. Vol. 2, 2016, 1–19. <https://doi.org/10.1166/jnef.2014.1106>

14. Waseem Hassan, Shakila Rehman, **Hamsa Noreen**, Shehnaz Gul. Gas Chromatography Mass Spectrometry (GC MS) Analysis of Essential Oils of Medicinal Plants. **Advances in Animal and Veterinary Sciences**, 2016, 4 (8), 420-437. [10.14737/journal.aavs/2016/4.8.420.437](https://doi.org/10.14737/journal.aavs/2016/4.8.420.437)
15. Waseem Hassan, Syeda Nida Zainab Kazmi, **Hamsa Noreen**, Ali Riaz, Bakht Zaman. [Antimicrobial Activity of \*Cinnamomum tamala\* Leaves](https://doi.org/10.4172/2161-0509.1000190). **Journal of Nutritional Disorders & Therapy**. 6:2, 2016. [10.4172/2161-0509.1000190](https://doi.org/10.4172/2161-0509.1000190)
16. Waseem Hassan, Shehnaz Gul, Shakila Rehman, **Hamsa Noreen**. Chemical Composition, Essential Oil Characterization and Antimicrobial Activity of *Carum. copticum*. **Vitam. Miner.** 2016, 5 (139), 2376-1318. [10.4172/2376-1318.1000139](https://doi.org/10.4172/2376-1318.1000139)
17. **Hamsa Noreen**, Bakht Zaman, Ata ur Rahman, Waseem Hassan. Antioxidant and antimicrobial efficacies of *Withania coagulans* seed extract against pathogenic bacteria and fungi. **The International Journal of Biotechnology**, 2016. [10.18488/journal.57/2016.5.3/57.3.45.51](https://doi.org/10.18488/journal.57/2016.5.3/57.3.45.51)
18. **Waseem Hassan, Hamsa Noreen, Shakila Rehman and Shehnaz Gul**. Antimicrobial Efficacies, Antioxidant Activity and Nutritional Potentials of *Trachyspermum ammi*. **Vitam Miner.** 2016 5:145.
19. Waseem Hassan, Shakila Rehman, **Hamsa Noreen**, Shehnaz Gul, Syeda Nida Zainab Kazmi. (2015). Metallic Content of One Hundred (100) Medicinal Plants. **Journal of Nutritional Disorders & Therapy**. 5(177), 2161-0509. (IF; 0.81). [10.4172/2161-0509.1000177](https://doi.org/10.4172/2161-0509.1000177).

### Book Chapter

- Rozina Khattak, Murtaza Sayed, Muhammad Sufaid Khan and Hamsa Noreen. (2020). **Introductory Chapter: Redox-An Overview**. In Redox. IntechOpen. [10.5772/intechopen.92842](https://doi.org/10.5772/intechopen.92842)

### Conference Paper

Oral Presentation of Research Paper(s) titled: “Antioxidant and Antimicrobial Efficacies of *Withania Coagulans* Seed Extract against Pathogenic Bacteria and Fungi” in the “12th International Scientific Conference on Food Engineering and Biotechnology” in Dubai, United Arab Emirates, 2016.”