List of Publications of Dr. Fahim Nawaz, Assistant Professor

1. Ahmad K.S., M. Hameed, M. Ashraf, A. Hamid, **F. Nawaz**, J. Deng, F. Ahmad and S. Fatima. **2016**. Leaf Physiological and Biochemical Adaptations in *Leptothrium Senegalense* (Poaceae) to Salt Stress. ***Phyton-Annales Rei Botanicae***. 56:277-291. ***(IF: 0.500)*** https://www.zobodat.at/publikation_volumes.php?id=48242
2. **Nawaz, F**., M. Naeem, M.Y. Ashraf, M.N. Tahir, B. Zulfiqar, M. Salahuddin, R.N Shabbir, and M. Aslam. **2016**. Selenium Supplementation Affects Physiological and Biochemical Processes to Improve Fodder Yield and Quality of Maize (*Zea mays* L.) under Water Deficit Conditions. ***Frontiers in Plant Science***, 7:1438. ***(IF: 4.298)*** https://www.frontiersin.org/articles/10.3389/fpls.2016.01438/full
3. **Nawaz, F.,** M. Naeem, A. Akram, M.Y. Asshraf, KS Ahmad, B. Zulfiqar, H. Sardar, R.N. Shabbir, S. Majeed, M.A. Shehzad and I. Anwar, **2017**. Seed priming with KNO_3 Mediates Biochemical Processes to Inhibit Lead (Pb) Toxicity in Maize (*Zea mays* L.). ***Journal of the Science of Food and Agriculture***. DOI: 10.1002/jsfa.8347 ***(IF: 2.463)***
   URL: https://onlinelibrary.wiley.com/doi/abs/10.1002/jsfa.8347
4. **Nawaz, F.,** M. Naeem, B. Zulfiqar, A. Akram, M.Y. Ashraf, M. Raheel, R.N. Shabbir, R.A. Hussain, I. Anwar and M. Aurangzaib. **2017**. Understanding Brassinosteroids-regulated Mechanisms to Improve Stress Tolerance in Plants: A Critical Review. ***Environmental Science and Pollution Research***. 24(19): 15959-15975. ***(IF: 2.741)***
   URL: https://link.springer.com/article/10.1007/s11356-017-9163-6
5. Bédard, J., R. Trösch, F. Wu, Q. Ling, Ú. Flores-Pérez, M. Töpel, **F. Nawaz**, P. Jarvis. **2017**. New Suppressors of the Chloroplast Protein Import Mutant tic40 Reveal a Genetic Link between Protein Import and Thylakoid Biogenesis. ***The Plant Cell***. 29(7): 1726-1747. ***(IF: 8.688)***
   URL: http://www.plantcell.org/content/29/7/1726.abstract

6. **Nawaz, F**., M.Y. Ashraf, R. Ahmad, E.A. Waraich, R.N. Shabbir and R.A. Hussain **2017**. Selenium Supply Methods and Time of Application Influence Spring Wheat Yield under Water Deficit Conditions. ***The Journal of Agricultural Science***. 155(4): 643-656. ***(IF: 1.291)***
   URL:https://www.cambridge.org/core/journals/journal-of-agricultural-science/article/selenium-supply-methods-and-time-of-application-influence-spring-wheat-triticum-aestivum-l-yield-under-water-deficit-conditions/A484E8E9DA7F691C408105464A2AE2A2

7. Ahmad, K.S., A. Hamid, **F. Nawaz**, M. Hameed, F. Ahmad, J. Deng, N. Akhtar, A. Wazarat and S. Mahroof. 2017. Ethnopharmacological studies of indigenous plants in Kel village, Neelum Valley, Azad Kashmir, Pakistan. ***Journal of Ethnobiology and Ethnomedicine.*** 13:68. DOI 10.1186/s13002-017-0196-1.
   URL: https://ethnobiomed.biomedcentral.com/articles/10.1186/s13002-017-0196-1

8. Randhawa, M.S., M. Maqsood, M.A. Shehzad, M.U. Chattha, M.B. Chattha, **F. Nawaz**, S. Yasin, T. Abbas, M.N Nawaz, R.D. Khan, U. Zulfiqar. **2017**. Light interception, radiation use efficiency and biomass accumulation response of maize to integrated nutrient

management under drought stress conditions. ***Turkish Journal of Field Crops***. 22: 134-142. ***(IF: 0.474)***
URL: http://dergipark.gov.tr/tjfc/issue/37069/312370

9. Sardar, H., M.A. Ali, M.A. Anjum, **F. Nawaz**, A. Nawaz, S. Hussain, S. Naz, S.M. Karimi. **2017.** Agro-industrial Residues Influence Mineral Elements Accumulation and Nutritional Composition of King Oyster Mushroom (*Pleurotus eryngii)*. ***Scientia Horticulturae.*** 225: 327-334. ***(IF: 1.624)***
URL: https://www.sciencedirect.com/science/article/pii/S0304423817304193

10. Akhtar, N., M. Hameed, **F. Nawaz**, K.S. Ahmad, A. Hamid, C. Segovia-salcedo, M.M. Shahnaz. **2017.** Leaf anatomical and biochemical adaptations in *Typha domingensis* pers. ecotypes for salinity tolerance. ***Botanical Sciences***. 95(3): 1-15. ***(IF: 0.496)***
URL:
http://www.botanicalsciences.com.mx/index.php/botanicalSciences/article/view/886

11. Salahuddin, M., **F. Nawaz**, M. Shahbaz, M. Naeem, B. Zulfiqar, R.N. Shabbir and R.A. Hussain. **2017**. Effect of Exogenous Nitric oxide (NO) Supply on Germination and Seedling Growth of Mungbean (cv. NM-54) under Salinity Stress. ***Legume Research***. DOI:10.18805/lr.v0i0.8399. ***(IF: 0.116)***
URL: https://www.cabdirect.org/cabdirect/abstract/20183058712
12. Ahsan, M., A. Younis, M.J. Jaskani, A. Tufail, A. Riaz, T. Schwinghamer, U. Tariq and **F. Nawaz**. **2018**. Heavy metal accumulation imparts structural differences in fragrant Rosa species irrigated with marginal quality water. ***Ecotoxicology and Environmental Safety***. 159:240-248. ***(IF: 3.743)***
URL: https://www.sciencedirect.com/science/article/pii/S0147651318303750

13. Akhtar, N., M. Hameed, A. Hamid, F. Nawaz, K.S. Ahmad, J. Deng, A. Mehmood, C. Segovia-Salcedo, M.M. Shahnaz and A.Q. Khan. 2018. Effects of nickel toxicity on morphological and physiological aspects of osmoregulation in Typha domingensis (Typhaceae) populations. Limnology. 19(2): 185-197. ***(IF: 0.913)***
URL: https://link.springer.com/article/10.1007/s10201-017-0529-8

14. Naeem, M., M.S. Naeem, R. Ahmad, R. Ahmad, M.Y. Ashraf, M.Z. Ihsan, **F. Nawaz**, H. Ather, M. Ashraf, H.T. Abbas and M. Abdullah. **2018**. Improving Drought Tolerance in Maize by Foliar Application of Boron: Water Status, Antioxidative Defense and Photosynthetic Capacity. ***Archives of Agronomy and Soil Science***. 64(5): 626-639. DOI: 10.1080/03650340.2017.1370541. ***(IF: 2.137)***
URL: https://www.tandfonline.com/doi/abs/10.1080/03650340.2017.1370541

15. Shehzad, M.A., M. Maqsood, **F. Nawaz**, T. Abbas and S. Yasin. **2018**. Boron-induced improvement in physiological, biochemical and growth attributes in sunflower (*Helianthus annuus* L.) exposed to terminal drought stress. ***Journal of Plant Nutrition***. 41(8): 943-955. ***(IF: 0.618)***
URL: https://www.tandfonline.com/doi/abs/10.1080/01904167.2018.1431663

16. Ahmad, K.S., M. Hameed, A. Hamid, **F. Nawaz**, B.H. Kiani, M.S.A. Ahmad, J. Deng, F. Ahmad, I. Hussain, S. Fatima. **2018**. Beating cold by being tough: impact of elevation on leaf characteristics in *Phleum himalaicum* Mez. endemic to Himalaya. ***Acta Physiologiae Plantarum***. 40:56. DOI: 10.1007/s11738-018-2637-4 ***(IF: 1.584)***
URL: https://link.springer.com/article/10.1007/s11738-018-2637-4