RESEARCH PUBLICATIONS

- **Citations: 2475**
- **h-index: 30**
- **i10-index: 57**

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RESEARCH INTERESTS:

Plant Sciences
Integrated Pest Management
Phytoremediation
Bio-fertilizers
Biotic and Abiotic Plant Diseases
Plant Stress Physiology
Plant-Microbe Interaction
Bio-pesticides

Manuscripts Published >100
Manuscripts as Principal Author (First Author/ Corresponding Author) > 45
Impact Factor of Published Articles > 400

2024

1. Ahmed, S., Ashraf, S., **Yasin, N. A.,** Sardar, R., Al-Ashkar, I., Abdelhamid, M.T. & Ayman El Sabagh (2024): Exogenously applied nanozinc oxide mitigates cadmium stress in *Zea mays* L. through modulation of physiochemical activities and nutrients homeostasis, *International Journal of Phytoremediation*, DOI: 10.1080/15226514.2024.2383657. (IF: 3.4).
2. Sajid, M., Ahmed, S., Sardar, R., Ali, A., **Yasin, N. A*.** 2024. Role of polyethylene glycol to alleviate lead stress in *Raphanus sativus*. *PeerJ*. (IF: 3.06).
3. Ahmad, A., Akram, W., Sardar, R., & **Yasin, N. A***. (2024). Interactive effects of plant growth-promoting microbes and nanoparticles on the physiology, growth, and yield of crops. *Frontiers in Plant Science*, *15*, 1338470.
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5. Hussain, S., Ahmed, S., Akram, W., Sardar, R., Abbas, M., & **Yasin, N. A*.** (2024). Selenium-Priming mediated growth and yield improvement of turnip under saline conditions. *International Journal of Phytoremediation*, *26*(5), 710-726. https://doi.org/10.1080/15226514.2023.2261548. (IF: 3.65).
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7. Ahmad, M., Ahmed, S., **Yasin, N. A.,** Wahid, A., & Sardar, R. (2023). Exogenous application of glutathione enhanced growth, nutritional orchestration and physiochemical

characteristics of *Brassica oleracea* L. under lead stress. DOI:10.1007/s12298-023-01346-0. *Physiology and Molecular Biology of Plants*, 1-14. (IF: 3.03).

8. Ahmed, M., Ali, S., Zahid, A., Ahmad, S., **Yasin, N. A.,** & Hayat, R. (2023). Climate Change and Process-Based Soil Modeling. In *Global Agricultural Production: Resilience to Climate Change* (pp. 73-106). Cham: Springer International Publishing. https://link.springer.com/chapter/10.1007/978-3-031-14973-3_3.
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10. Akbar, M., Chohan, S.A., **Yasin, N. A*.,** Ahmad, A., Akram, W., & Nazir, A. (2023). Mycorrhizal inoculation enhanced tillering in field grown wheat, nutritional enrichment and soil properties. *PeerJ*. http://doi.org/10.7717/peerj.15686. (IF: 3.06).
11. Akbar, M., Raza, A., Khalil, T., **Yasin, N. A.,** Nazir, Y., Ahmad, A. (2023). Isolation of herbicidal compounds, quercetin and β-caryophyllene, from *Digera muricata*. *Arabian Journal of Chemistry.* doi: https://doi.org/10.1016/j.arabjc.2023.104653. (IF: 6).
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17. Naveed, N. H., Nasir, N. A., Shah, A. A., Shahzad, T., **Yasin, N. A.,** Ali, Z., ... & Ali, A. (2023). Bacterial inoculation remediates heavy metals toxicity through modulating biochemicals and antioxidant enzymes of *Daucus carota* L. grown in lead contaminated soil. *South African Journal of Botany*, *163*, 358-366. https://doi.org/10.1016/j.sajb.2023.10.046. (IF: 3.1).
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