DR. AMNA SHOAIB

RESEARCH PUBLICATIONS (2002-2024)

1. N. Ali, **Shoaib A.**, Rafiq M., Malik B. and Yousaf M. **(2024).** Vanillic acid enhances mung bean resistance and growth against *Macrophomina phaseolina* as a sustainable antifungal approach. *Journal of Crop Health*. https://doi.org/10.1007/s10343-024-01062-z. (IF: 2.40)
2. Q. Fatima, **Shoaib A.,** Gull N., Khurshid S. and Fatima U. **(2024)**. Chitosan-mediated copper nanohybrid for the attenuation of virulence of a necrotrophic phytofungal pathogen *Macrophomina phaseolina*. *Scientific Reports*, 14, Article ID: 23193. (IF: 3.80)
3. N. Iqbal, **Shoaib A.,** Fatima Q., Farah MA. and Raja V. **(2024).** Synthesis and antifungal efficacy of chitosan nanoparticles against notorious mycotoxigenic phytopathogens. *Plant Stress*, Article ID: 100614 (IF: 6.80)
4. M. Rafiq, **Shoaib A.,** Javaid A., Perveen S., Hassan MA., Nawaz HH. and Cheng C. **(2024).** Application of Asteraceae biomass and biofertilizers to improve potato crop health by controlling black scurf disease. *Frontiers in Plant Sciences*, https://doi. 10.3389/fpls.2024.1437702 (IF: 4.10)
5. M. Jarrar and **Shoaib A. (2024).** Unveiling the biocontrol potential of *Pseudomonas syringae* through seed biopriming against charcoal rot disease in maize. *Physiology and Molecular Biology of Plant*, 133: Article ID: 102370. (IF: 3.40)
6. **A. Shoaib,** Shafique H., Anwar A., Javed S., Malik B. and Mehnaz S. **(2024).** Iron supplemented alginate beads of *Pseudomonas chlororaphis* improves charcoal rot disease resistance and the productivity in the tomato plants. *Journal of Plant Growth Regulations*, https://doi.org/10.1007/s00344-024-11366-z. (IF: 4.70)
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9. S. Javed, Anwar A., Javaid I., **Shoaib A.,** Aljawdah HM. and Prashant K. **(2024).** Anticancer activity of ethyl-acetate fraction of *Sorbaria tomentosa* and compound identification through HPLC and LC-MS analysis. *Journal of King Saud University-Science*, 36 (2), Article ID: 103037. (IF: 3.70)
10. G. Riaz, **Shoaib A.,** Javed S., Perveen S., Ahmed W., El-Sheikh MA. and Kaushik P. **(2023).** Formulation of the encapsulated rhizospheric *Ochrobactrum ciceri* supplemented with alginate for potential antifungal activity against the chili collar rot pathogen. *South African Journal of Botany*, 161: 586-598. (IF: 3.11)
11. S. Akhtar, **Shoaib A.,** Javiad I., Qaiser U. and Tasadduq R. **(2023).** Farmyard manure, a potential organic additive to reclaim copper and *Macrophomina phaseolina* stress responses in mash bean plants. *Scientific Reports*, 13: Article ID:14383. (IF: 4.60)
12. ZA. Awan, **Shoaib A.**, Schenk PM., Ahmad A., Alansi S. and Paray BA. **(2023).** Antifungal potential of volatiles produced by *Bacillus subtilis* BS-01 against *Alternaria solani* in *Solanum lycopersicum*. *Frontiers in Plant Sciences*, 13:1089562. doi: 10.3389/fpls.2022.1089562 (IF: 5.66)
13. S. Maqsood, Ali M., **Shoaib A.,** Ahmad S. and Noor-ul-Ain. **(2023).** Mass rearing of *Spodoptera litura* using a semi-synthetic diet based on wheat germ and tomato paste. *Pakistan Journal of Zoology*, 55(2): 601-607. (IF: 0.687)

14. S. Javed, **Shoaib A.,** Malik A., Ijaz B. and Perveen S. **(2023).** Rose and eucalyptus essential oil as potent anti-liver cancer agents. *Asian Journal of Agriculture and Biology,* DOI: 10.35495/ajab.2022.14. (IF: 2.20)

15. **A. Shoaib**, Khurshid S. and Javaid A. **(2022).** Cloncurry buffel grass mitigated Cr(III) and Cr(VI) toxicity in tomato plant. *Scientific Reports*, 12: Article ID 20952 (IF: 4.996)

16. **A. Shoaib**, Abbas S., Nisar Z., Javaid A. and Javed S. **(2022).** Zinc highly potentiates the plant defense responses against *Macrophomina phaseolina* in mungbean. *Acta Physiologiae Plantarum*, 44(22). https://doi.org/10.1007/s11738-022-03358-x. (IF: 2.736)

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20. ZA. Awan, **Shoaib A.**, Iftikhar MS., Jan BL. and Ahmad P. **(2022).** Combining biocontrol agents with plant nutrients for integrated control of tomato early blight through modulation of physic-chemical attributes and key oxidants. *Frontiers in Microbiology*, https://doi.org/10.3389/fmicb.2022.807699 (IF: 6.064)

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22. MFH. Ferdosi, **Shoaib A.,** Habib S. and Khan KA. **(2021).** Modulation of salt-induced stress impact in *Gladiolus grandiflorus* L. by exogenous application of salicylic acid. *Scientific Reports*, **11**, 15597. (IF: 4.996)

23. A. Javaid, Jabeen N., Khan IH. and **Shoaib A. (2021).** Effect of *Datura metel* on crop growth and physiology of bell pepper. *Journal of Animal and Plant Science*, 31(6): 1862-1866. (IF: 0.570)

24. A. Javaid, Ali A., **Shoaib A.** and Khan IH. **(2021).** Alleviating stress of *Sclerotium rolfsii* on growth of chickpea var. Bhakkar-2011 by *Trichoderma harzianum* and *T. viride. Journal of Animal and Plant Sciences,* 31(6): 1755-1761. (IF: 0.570)

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30. M. Rafiq, Javaid A. and **Shoaib A. (2021).** Antifungal activity of methanolic leaf extract of *Carthamus oxycantha* against *Rhizoctonia solani*. *Pakistan Journal of Botany,* 53(3): 1133-1139. (IF: 1.101)

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37. A. Ali, Javaid A., **Shoaib A.** and Khan IH. **(2020)**. Effect of soil amendment with *Chenopodium album* dry biomass and two *Trichoderma* species on growth of chickpea var. Noor 2009 in *Sclerotium rolfsii* contaminated soil. *Egyptian Journal of Biological Pest Control*, 30: 102. (IF: 1.995)

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44. S. Khurshid, Javaid A., **Shoaib A**., Javed S. and Qaiser U. **(2018).** Antifungal activity and GC-MS analysis of aerial parts of *Cenchrus pennisetiformis* against *Fusarium oxysporum* f. sp. *lycopersici*. *Planta Daninha*, 36: page 1-10, Article No. e017166627, DOI: 10.1590/S0100-83582018360100023. (IF: 0.54)

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71. A. Javaid, Naqvi AF., **Shoaib A.** and Iqbal S.H. **(2015)**. Management of *Macrophomina phaseolina* by extracts of an allelopathic grass *Imperata cylindrica*. *Pakistan Journal of Agricultural Sciences*, 51(2): 37-41. (IF: 0.597)

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PUBLICATIONS IN NON-IMPACT FACTOR JOURNALS

97. M. Jarrar, **Shoaib A**., Fatima Q. and Malik B. **(2024).** Biocontrol potential of *Pseudomonas syringae* against emerging phyto-fungal pathogens. *Phytopathogenomics and Disease Control,* 3(2): 95-100. (National, HEC-recognized, Y category).

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