

Dr. Amna Shoaib

RESEARCH PUBLICATIONS (2002-2022)

Publications in Journals having Impact Factor

- 1.** 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 number: 20952 (IF: 4.996)
- 2.** 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)
- 3.** A. Shoaib, Khan KA., Awan ZA., Jan BL. and Kaushik P. (2022). Integrated management of charcoal rot disease in susceptible genotypes of mungbean with soil application of micronutrient zinc and green manure (Prickly Sesban). *Frontiers in Microbiology*, <https://doi.org/10.3389/fmicb.2022.899224> (IF: 6.064)
- 4.** 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 physico-chemical attributes and key oxidants. *Frontiers in Microbiology*, <https://doi.org/10.3389/fmicb.2022.807699> (IF: 6.064)
- 5.** S. Ahmad, Sarwar A., Shoaib A., Javaid A., Hanif MS. and Ali Q. (2022). Sustainable management of guava fruit fly *bactrocera zonata* (*Tephritidae diptera*) by entomopathogenic fungi. *Fresenius Environmental Bulletin*, 31: 5522-5527 (IF: 0.50)
- 6.** S. Maqsood, Ali M., Shoaib A., Ahmad S. and Noor-ul-Ain. (2022). Mass rearing of *Spodoptera litura* using a semi-synthetic diet based on wheat germ and tomato paste. *Pakistan Journal of Zoology*, DOI: <https://dx.doi.org/10.17582/journal.pjz/20220118030158> (IF: 0.687)
- 7.** 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)
- 8.** A. Javaid, Jabeen N., Khan IH. and Shoaib A. (2021). Effect of *Datura metel* on crop growth and physiology of bell pepper. *The Journal of Animal and Plant Science*, 31(6): 1862-1866. (IF: 0.570)
- 9.** 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)
- 10.** A. Shoaib, Akhtar M., Javaid A., Haider A., Nisar Z and Javed S. (2021). Antifungal potential of zinc against leaf spot disease in chili pepper caused by *Alternaria alternata*. *Physiology and Molecular Biology of Plant*, 27: 1361-1376. (IF: 3.023)
- 11.** N. Jabeen, Javaid A., Shoaib A. and Khan IH. (2021). Management of southern blight of bell pepper by soil amendment with dry biomass of *Datura metel*. *Journal of Plant Pathology*, 103(3): 901-913. (IF: 2.643)
- 12.** S. Javed, Mahmood Z., Khan KM., Sarker SD., Javaid A., Khan IH. and Shoaib A. (2021). Lupeol acetate as a potent antifungal compound against opportunistic human and phytopathogenic mold *Macrophomina phaseolina*. *Scientific Reports*, 11, Article number: 8417 (IF: 4.996)

13. A. Shoaib, Ferdosi MFH., Saleem A. and Javed S. (2021). Morphological and biochemical variations induced by synergy of salicylic acid and zinc in cockscomb. *Folia Horticulturae*, 33(1): 1-11. (IF: 1.934)
14. A. Shoaib and Awan ZA. (2021). Mineral fertilizers improve defense related responses and reduce early blight disease in tomato (*Solanum lycopersicum* L.). *Journal of Plant Pathology*, 103: 217-229. (IF: 2.643)
15. M. Rafiq, Javaid A. and Shoaib A. (2021). Antifungal activity of methanolic leaf extract of *Carthamus oxyacantha* against *Rhizoctonia solani*. *Pakistan Journal of Botany*, 53(3): 1133-1139. (IF: 1.101)
16. W. Sharf, Javaid A., Shoaib A. and Haider I. (2021). Induction of resistance in chili against *Sclerotium rolfsii* by plant growth promoting rhizobacteria and *Anagallis arvensis*. *Egyptian Journal of Biological Pest Control*, 31, Article no 16. (IF: 2.05)
17. S. Siddique, Shoaib A., Khan SN. and Mohy-ud-din A. (2020). Screening and histopathological characterization of sunflower germplasm for resistance to *Macrophomina phaseolina*. *Mycologia*, 113(1): 92-107. (IF: 2.696)
18. S. Akhtar and Shoaib A. (2020). The counter defence system of antioxidants in Coelomycetous emerging human and plant pathogenic fungus *Macrophomina phaseolina* against copper toxicity. *Environmental Science and Pollution Research*, 27: 597-606. (IF: 4.223)
19. Nafisa, Shoaib A., Iqbal J. and Khan KA. (2020). Evaluation of phenotypic, physiological and biochemical attributes connected with resistance in tomato against *Alternaria solani*. *Acta Physiologiae Plantarum*, 42, Article number: 88. <https://link.springer.com/article/10.1007/s11738-020-03076-2>. (IF: 2.35)
20. A. Shoaib, Ali H., Javaid A. and Awan ZA. (2020). Contending charcoal rot disease of mungbean by employing biocontrol *Ochrobactrum ciceri* and zinc. *Physiology and Molecular Biology of Plants*, 26(7): 1385–1397. (IF: 2.391)
21. S. Banaras, Javaid A. and Shoaib A. (2020). Non-chemical control of charcoal rot of urdbean by *Sonchus oleraceus* application. *Planta Daninha*, 38: e020216088. (IF: 0.705)
22. 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)
23. A. Javaid, Munir R., Khan IH. and Shoaib A. (2020). Control of the chickpea blight, *Ascochyta rabiei* with the weed plant, *Withania somnifera*. *Egyptian Journal of Biological Pest Control*, 30: 114. (IF: 1.995)
24. A. Shoaib, Nisar Z., Nafisa, Javaid A., Khurshid S. and Javed S. (2019). Necrotrophic fungus *Macrophomina phaseolina* tolerates chromium stress through regulating antioxidant enzymes and genes expression. *Environmental Science and Pollution Research*, 26(12): 12446-12458. (IF: 3.056)
25. A. Shoaib, Awan ZA. and Khan KA. (2019). Intervention of antagonistic bacteria as potential inducer of disease resistance in tomato to mitigate early blight. *Scientia Horticulturae*, 252 (27): 20-28. (IF: 2.769)
26. ZA. Awan, Shoaib A. and Khan KA. (2019). Crosstalk of Zn in combination with other fertilizers underpins interactive effects and induces resistance in tomato plant against early blight disease. *Plant Pathology Journal*, 35(4): 330-340. (IF: 1.57)
27. ZA. Awan, Shoaib A. and Khan KA. (2018). Variations in total phenolics and antioxidant enzymes cause phenotypic variability and differential resistant response in tomato genotypes against early blight disease. *Scientia Horticulturae*, 239: 216-223. (IF: 1.76)

- 28.** A. Shoaib, Meraj S., Nafisa, Khan KA. and Javaid MA. (2018). Influence of salinity and *Fusarium oxysporum* as the stress factors on morpho-physiological and yield attributes in the onion. *Physiology and Molecular Biology of Plants*, 24(6): 1093-1101. (IF: 1.538)
- 29.** 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)
- 30.** KA. Khan, Shoaib A., Awan ZA., Basit A. and Hussain M. (2018). *Macrophomina phaseolina* alters biochemical pathway in *Vigna radiata* that is chastened by Zn and FYM to improve plant growth. *Journal of Plant Interactions*, 13(1): 131-140. (IF: 1.839)
- 31.** A. Shoaib, Munir M., Javaid A., Awan ZA. and Rafiq M. (2018). Anti-mycotic potential of *Trichoderma* spp. and leaf biomass of *Azadirachta indica* against the charcoal rot pathogen, *Macrophomina phaseolina* (Tassi) Goid in cowpea. *Egyptian Journal of Biological Pest Control*, 28: 26. (IF: 0.38)
- 32.** A. Javaid, Khan IH. and Shoaib A. (2018). Management of charcoal rot of mungbean by two *Trichoderma* species and dry biomass of *Coronopus didymus*. *Planta Daninha* 36: e018182795. (IF: 0.544)
- 33.** S. Khurshid, Shoaib A., Javaid A., Akhtar F., Shafiq M. and Qaisar U. (2017). Management of Fusarium wilt of tomato by soil amendment with *Cenchrus pennisetiformis* under chromium stress. *Physiological and Molecular Plant Pathology*, 97: 58-68. (IF: 1.39)
- 34.** S. Rafi, Shoaib A., Awan ZA., Rizvi NB., Nafisa and Shafiq M. (2017). Chromium tolerance, oxidative stress response, morphological characteristics and FTIR studies of phytopathogenic fungus *Sclerotium rolfsii*. *Folia Microbiologica*, 62: 207-219. (IF: 1.448)
- 35.** A. Javaid, Qudsia H. and Shoaib A. (2017). Bioassays guided fractionation of *Senna occidentalis* for identification of natural antifungal constituents against *Macrophomina phaseolina*. *Planta Daninha*, 35:e01716348318. (IF: 0.461)
- 36.** S. Banaras, Javaid A., Shoaib A. and Ahmed E. (2017). Antifungal activity of *Cirsium arvense* extracts against a phytopathogenic fungus *Macrophomina phaseolina*. *Planta Daninha*, 35: e017162738 (IF: 0.461).
- 37.** A. Javaid, Niaz L. and Shoaib A. (2017). Effect of incorporation of leaf biomass of *Coronopus didymus* on management of basal rot disease of onion and plant physiology. *International Journal of Agriculture and Biology*, 19(3): 445-452. (IF: 0.746)
- 38.** A. Javaid, Mubeen T., Bashir U. and Shoaib A. (2017). Management of parthenium weed by metabolites of *Alternaria japonica*. *Planta Daninha*, 35: e017161195 (IF: 0.461).
- 39.** N. Sana, Javaid A. and Shoaib A. (2017). Effect of NPK fertilizers and commercial biofertilizers on southern blight disease and plant growth in chili. *Bangladesh Journal of Botany*, 46: 659-666. (IF: 0.233)
- 40.** A. Ali, Javaid A. and Shoaib A. (2017). GC-MS analysis and antifungal activity of methanolic root extract of *Chenopodium album* against *Sclerotium rolfsii*. *Planta Daninha*, 35: e017164713. (IF: 0.461)
- 41.** N. Sana, Bajwa R., Javaid A. and Shoaib A. (2017). Effect of biopower application on weeds growth and yield of rice. *Planta Daninha*, 35: e017164872. (IF: 0.461)
- 42.** A. Javaid, Afzal L. and Shoaib A. (2017). Antifungal potential of a Brassicaceous weed *Sisymbrium irio* against *Macrophomina phaseolina*. *Planta Daninha*, 35: e017164280. (IF: 0.461)
- 43.** N. Sana, Javaid A. and Shoaib A. (2017). Antifungal activity of methanolic leaf extracts of allelopathic trees against *Sclerotium rolfsii*. *Bangladesh Journal of Botany*, 46(3): 987-993. (IF: 0.233)

- 44.** A. Javaid, Afzal L. and **Shoaib A.** (2017). Biological control of charcoal rot of mungbean by *Trichoderma harzianum* and shoot dry biomass of *Sisymbrium irio*. *Planta Daninha*, 35: e017165756. (IF: 0. 461)
- 45.** N. Sana, **Shoaib A.** and Javaid A. (2017). Management of collar rot disease in chili by farmyard manure and commercial biofertilizers. *Sains Malaysiana*, 46(7): 1693-1700. (IF: 0.47)
- 46.** A. Javaid, Akhtar N., Khan A., **Shoaib A.** and Hafeez R. (2016). New host record of *Alternaria brassicicola* infecting triangle palm (*Dypsis decaryi*) in Pakistan. *Journal of Animal and Plant Sciences*, 26(6): 1894-1898. (IF: 0.38)
- 47.** ZA. Awan, Akhtar N., **Shoaib A.** and Akhtar S. (2016). First report of *Aspergillus minisclerotigenes* as a postharvest pathogen of soybean seeds from Pakistan. *Journal of Plant Pathology*, 98(16): 683. (IF: 1.26)
- 48.** Nafisa, **Shoaib A.**, Shafiq M. and Javaid A. (2016). Effect of *Sclerotium rolfsii* on uptake of heavy metal copper in pea (*Pisum sativum* L.). *International Journal of Agriculture and Biology*, 18(6): 1025-1031. (IF: 0.746)
- 49.** S. Akhtar, **Shoaib A.**, Akhtar N. and Mehmood R. (2016). Separate and combined effects of *Macrophomina phaseolina* and copper on growth, physiology and antioxidative enzymes in *Vigna mungo* L. *Journal of Animal and Plant Sciences*, 26(5): 1339-1345. (IF: 0.38)
- 50.** N. Sana, **Shoaib A.** and Javaid A. (2016). Antifungal potential of leaf extracts of leguminous trees against *Sclerotium rolfsii*. *African Journal of Traditional, Complementary and Alternative Medicines*, 13(5): 15-40. (IF: 0.51)
- 51.** S. Khurshid, **Shoaib A.**, Javaid A. and Abid K. (2016). Bioaccumulation of chromium by *Fusarium oxysporum*. *ScienceAsia*, 42: 92-98. (IF: 0.343)
- 52.** S. Khurshid, **Shoaib A.**, Javaid A. and Qaisar U. (2016). Fungicidal potential of allelopathic weed *Cenchrus pennisetiformis* on growth of *Fusarium oxysporum* f. sp. *lycopersici* under chromium stress. *Planta Daninha*, 34(3): 453-463. (IF: 0.461)
- 53.** S. Khurshid, **Shoaib A.** and Javaid A. (2016). Chromium toxicity to tomato (*Lycopersicum esculentum* Mill.) susceptible to *Fusarium* wilt pathogen. *Current Science*, 110(3): 399-404. (IF: 0.843)
- 54.** N. Akhtar, **Shoaib A.**, Awan ZA. and Amin U. (2015). First Report of *Aspergillus parvisclerotigenus* rot in garlic bulbs from Pakistan. *Plant Disease*, 99(10): 1448. (IF: 3.19)
- 55.** A. **Shoaib**, Akhtar S. and Akhtar N. (2015). Copper tolerance, protein and catalytic activity in phytopathogenic fungus *Alternaria alternata*. *Global Nest Journal*, 17(4): 664-672. (IF: 0.458)
- 56.** 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)
- 57.** R. Hafeez, Akhtar N., **Shoaib A.**, Bashir U., Haider MS. and Awan ZA. (2015). First report of *Geotrichum candidum* from Pakistan causing postharvest sour rot in loquat (*Eriobotrya japonica*). *Journal of Animal and Plant Sciences*, 26(5):1737-1740. (IF: 0.422)
- 58.** N. Sana, Javaid A, **Shoaib A.** and Bajwa R. (2015). Effect of weeds and soil amendments on N, P and K contents of rice. *Pakistan Journal of Botany*, 47(SI): 251-254. (IF: 0.658)
- 59.** A. **Shoaib**, Dliferoze A., Khan A., Khurshid S. and Akhtar S. (2014). Effect of fungicides on morphology, physiology and biochemistry of tomato seedlings infected with *Fusarium oxysporum* f. sp. *lycopersici*. *Philippine Agricultural Scientist*, 97(4): 416-421. (IF: 0.256)

- 60.** A. **Shoaib**, Akhtar N., Akhtar S. and Hafeez R. (2014). First report of *Alternaria longipes* causing leaf spot of potato cultivar Sante in Pakistan. *Plant Disease*, 98(12): 1742. (IF: 2.74)
- 61.** S. Akhtar and **Shoaib A.** (2014). Toxic effect of arsenate on germination, early growth and bioaccumulation in wheat (*Triticum aestivum L.*). *Pakistan Journal of Agricultural Sciences*, 51(2): 399-404. (IF: 1.054)
- 62.** N. Akhtar, Awan ZA. and **Shoaib A.** (2014). First report of new post-harvest rot in ginger rhizome by *Aspergillus parvisclerotigenus* in Pakistan. *Plant Disease*, 98(8): 1158. (IF: 2.74)
- 63.** A. **Shoaib**, Aslam A. and Aslam N. (2014). Adsorption of Cr(III) ions through efficient and eco-friendly adsorbents. *Journal of Animal and Plant Sciences*, 24(4): 1224-1229. (IF: 0.549)
- 64.** S. Khurshid, **Shoaib A.** and Javaid A. (2014). *In vitro* toxicity evaluation of culture filtrates of *Fusarium oxysporum* f. sp. *lycopersici* to growth and physiology of tomato under chromium(VI) stress. *Journal of Animal and Plant Sciences*, 24(4): 1241-1245. (IF: 0.549)
- 65.** A. Javaid, Akram W., **Shoaib A.**, Haider MS. and Ahmad A. (2014). ISSR Analysis of Genetic Diversity in *Dalbergia sissoo* in Punjab, Pakistan. *Pakistan Journal of Botany*, 46(5): 1573-1576. (IF: 1.207)
- 66.** N. Akhtar, **Shoaib A.**, Munir S., Ali A. and Khurshid S. (2014). Isolation, identification and enzyme production profile of *A. niger*. *Journal of Animal and Plant Sciences*, 24(5): 1438-1443. (IF: 0.549)
- 67.** Nafisa, **Shoaib A.** and Javaid A. (2013). Growth of *Pisum sativum* under single or combined action of *Sclerotium rolfsii* and copper [Cu(II)]. *International Journal of Agriculture and Biology*, 15: 1363-1366. (IF: 0.90)
- 68.** A. **Shoaib**, Aslam N. and Aslam N. (2013). *Trichoderma harzianum*: Adsorption, desorption, isotherm and FTIR studies. *Journal of Animal and Plant Sciences*, 23(5): 1460-1465. (IF: 0.549)
- 69.** A. **Shoaib**, Aslam N., Akhtar MM., Akhtar S., Nafisa and Khurshid S. (2013). Removal of Cr(III) ions through bread mold fungus. *Polish Journal Environmental Studies*, 22(4): 1171-1176. (IF: 0.60)
- 70.** A. Javaid, Shafique G, Ali S. and **Shoaib A.** (2013). Effect of culture medium on herbicidal potential of metabolites of *Trichoderma* species against *Parthenium hysterophorus*. *International Journal of Agriculture and Biology*, 15: 119-124. (IF: 0.90)
- 71.** U. Shafique, Ijaz A., Salman M, Waheed Uz Zaman, Jamil N., Rehman R. and **Javaid A.** (2012). Removal of arsenic from water using Pine leaves. *Journal of the Taiwan Institute of Chemical Engineers*, 43: 256-263. (IF: 2.08)
- 72.** S. Javed, **Shoaib A.**, Mahmood Z., Mushtaq S. and Iftikhtar S. (2012). Analysis of phytochemical constituents of *Eucalyptus citriodora* L. responsible for antifungal activity against post-harvest diseases. *Natural Product Research*, 26(18): 1732-1736 (IF: 1.031).
- 73.** A. **Shoaib**, Naureen A., Tanveer F. and Aslam N. (2012). Removal of Ni(II) ions from substrate through filamentous fungi. *International Journal of Agriculture and Biology*, 14: 831-834 (IF: 0.808).
- 74.** S. Akhtar and **Shoaib A.** (2012). Biosorption, Solution to Arsenic Pollution. *Journal of Animal and Plant Sciences*, 22(3): 659-664 (IF: 0.638).
- 75.** A. **Javaid**, Bajwa R., Shafique U. and Anwar J. (2011). Removal of heavy metals by adsorption on *Pleurotus ostreatus*. *Biomass and Bioenergy*, 35(5): 1675-1682 (IF: 3.646).
- 76.** A. **Javaid**, Bajwa R. and Manzoor T. (2011). Biosorption of heavy metals by pretreated biomass of *Aspergillus niger*. *Pakistan Journal of Botany*, 43(1): 419-425 (IF: 0.836).

77. A. Javaid, **Javaid A.** and Akbar M. (2011). Herbicidal potential of culture filtrates of *Drechslera* spp. against *Parthenium hysterophorus*. *Chilean Journal of Agricultural Research*, 71(4): 634-637 (IF: 0.447)
78. **A. Javaid**, Badar T. and Aslam N. (2011). Removal of Pb(II), Cu(II) & Cd(II) from aqueous solution by some fungi and natural adsorbents in single- & multiple metal systems. *Pakistan Journal of Botany*, 43(6): 2997-3000 (IF: 0.836).
79. **A. Javaid**, Bajwa R. and Javaid A. (2010). Biosorption of heavy metals using a dead macro fungus: evaluation of equilibrium and kinetic models. *Pakistan Journal of Botany*, 42(3): 2105-2118 (IF: 0.947).
80. A. Javaid, Ahmad S., **Javaid A.**, Shad N. and Jabeen K. (2009). Screening of mungbean genotypes under rice allelopathic stress for best agronomic and symbiotic traits. *Allelopathy Journal*, 24(2): 331-339 (IF: 0.793).
81. R. Bajwa, Javaid A., Shafique S., **Javaid A.**, Shafique S. and Jabeen K. (2008). Fungistatic activity of aqueous and organic solvent extracts of three rice varieties against phytopathogenic fungi. *Allelopathy Journal*, 22(2): 363-370 (IF: 0.525).

Publications in Journals having zero impact Factor

82. 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 (National, HEC-recognized, Y category)
83. S. Javed, Javaid I., **Shoaib A.** and Perveen S. (2022). Oleanolic acid (pentacyclic triterpenes) as a potential candidate for α -glycosidase inhibition activity. *Advancements in Life Sciences*, 2 (9): 219-223. (National, HEC-recognized, X category).
84. N. Akhtar, **Shoaib A.** and Ashraf S. (2022). Antifungal and antioxidant properties of chloroform soluble compounds of fennel seeds. *World Journal of Biology and Biotechnology*, 7(2): 31-35. (Local, HEC-recognized, Y category).
85. G. Riaz, **Shoaib A.**, Perveen, S. and Roqayya G. (2022). Screening and antifungal potential of *Ochrobactrum ciceri* against *Sclerotium rolfsii*. *Journal Plantarum*, 4(2): 100-108 (National, HEC-recognized, Y category)
86. S. Maqsood, **Shoaib A.**, Ali M., Ahmad S. and Abbasi A. (2022). Variations on population dynamics of beet armyworm on Cabbage in Punjab, Pakistan. *Pakistan Journal of Weed Science Research*, 28(4): 401-404. (Local, HEC-recognized, Y category).
87. **A. Shoaib**, Nafisa and Ahmad S. (2022). FTIR identified compositional variations in cell wall dynamics of pea plants after the simultaneous trafficking of copper and white mold fungus. *Pakistan Journal of Phytopathology*, 34(2):193-200. (Local, HEC-recognized, Y category).
88. S. Javed, Bibi A., **Shoaib A.**, Perveen S. and Ferdosi MFH. (2022). Essential oil of *Eucalyptus citriodora*: Physico-chemical analysis, Formulation with hand sanitizer gel, and Antibacterial activity. *Advancements in Life Sciences*, 9(4): 510-515. (National, HEC-recognized, X category).
89. S. Javed, Safdar A. and **Shoaib A.** (2021). Physico-chemical characterization of essential oils of *Rosa indica* and its application in hand sanitizer: Rose essential oil as a potential ingredient in hand sanitizer formulation. *International Journal of Biology and Chemistry*, 14 (2). 70-81. (International, HEC-recognized, Y category)

90. A. Javaid, Ferdosi MFH., Khan IH., **Shoaib A.**, Saeed HM. and Hassan MAU. (2021). Biochemical analysis of flowers of *Vinca major*, a medicinal weed plant of hilly areas of Pakistan. *Pakistan Journal of Weed Science Research*, 27(4): 539-548. (Local, HEC-recognized, Y category)
91. S. Javed and **Shoaib A.** (2021). *In vitro* cytotoxic evaluation of *Sorbaria tomentosa*. *Pakistan Journal of Weed Science Research*, 27(1): 119-126. (Local, HEC-recognized, Y category).
92. S. Javed, **Shoaib A.** and Z. Mehmood (2021). Proximate, macro elemental and GC-MS analysis of *Sorbaria tomentosa*. *Pakistan Journal of Weed Science Research*, 27(1): 109-118. (Local, HEC-recognized, Y category).
93. S. Javed, **Shoaib A.**, Mehmood Z., Nawaz S. and Khan KM. (2021). Phytochemical, pharmacological and GC-MS characterization of the lipophilic fraction of *Monotheca buxifolia*. *Asian Journal of Agriculture and Biology*, 31: <https://doi.org/10.35495/ajab.2021.02.073>. (Local, HEC-recognized, Y category).
94. S. Javed, **Shoaib A.**, Mehmood Z. and Nawaz S. (2021). Hepatoprotective effect of methanolic extract of *Monotheca buxifolia* against isoniazid and rifampicin induced hepatotoxicity. *Asian Journal of Agriculture and Biology*, 31: DOI: <https://doi.org/10.35495/ajab.2021.02.074>. (Local, HEC-recognized, Y category).
95. A. Javaid, Afzal R. and **Shoaib A.** (2020). Biological management of southern blight of chili by *Penicillium oxalicum* and leaves of *Eucalyptus citriodora*. *International Journal of Agriculture and Biology*, 23(1): 93-102. (Local, HEC-recognized, Y category)
96. M. Hussain, **Shoaib A.**, Alim-Un-Nisa, Aftab M. and Ali R. (2020). A Case Study: Aflatoxins levels in branded and non-branded corn from Lahore, Pakistan. *Mycopath*, 18(1): 7-10. (Local)
97. A. **Shoaib**, Khan A., Nafisa, Dliferoze A. and Khurshid S. (2020). Tomato-Fusarium wilt: study of host-pathogen-fungicides interaction and effect on host biochemical balance. *Mycopath*, 18(2): 87-93. (Local)
98. A. Javaid, Ali A., Khan IH. and **Shoaib A.** (2020). *Chenopodium album* mitigates adverse effects of *Sclerotium rolfsii* on chickpea var. Bakhar-2011. *Pakistan Journal of Weed Science Research*, 26(3): 275-285. (Local, HEC-recognized, Y category).
99. M. Rafiq, **Shoaib A.** and Javaid A. (2020). GC-MS analysis of *Sonchus asper* root extract for identification of fungicidal compounds against *Rhizoctonia solani*. *Pakistan Journal of Weed Science Research*, 26(3): 267-274. (Local, HEC-recognized, Y category).
100. D-E Shahwar, Hussain K., Bukhari NI., Iqbal Z., **Shoaib A.**, Shahzadi N. and Rafique F. (2020). Antibacterial activity of organic extracts of root bark of *Ziziphusjujube Gaertn* (L.) var. *hysudrica Edgew*. *International Journal of Biosciences*, 16(1): 251-260 (International, HEC-recognized, Y category).
101. ZA. Awan and **Shoaib A.** (2019). Combating early blight infection by employing *Bacillus subtilis* in combination with plant fertilizers. *Current Plant Biology*, 20: Article ID 100125 (International, HEC-recognized, X category).
102. A. Javaid, Qudsia H. and **Shoaib A.** (2019). Effect of *Senna occidentalis* dry biomass and *Penicillium oxalicum* on growth of mash bean under *Macrophomina phaseolina* stress. *Pakistan Journal of Weed Science Research*, 25: 269-278. (Local, HEC-recognized, Y category).
103. A. **Shoaib**, Shehzad A., Javaid A., Akhtar S. and Awan ZA. (2019). Evaluation of biocontrol strategies and its synergistic interaction permitting the chickpea plant to trigger the appropriate defense responses against *Sclerotium rolfsii*. *Biologia*, 65(2) 329-334. (Local, HEC-recognized, Y category).

- 104.** A. Shoaib, Awan, ZA. and Akhtar N. (2019). Taxonomic divergence of *Aspergillus minisclerotigenes* from *Aspergillus flavus*. *Journal of Innovative Science*, 5(2): 52-58 (Local, HEC-recognized, Z category).
- 105.** A. Shoaib, Tufail T., Nafisa and Khurshid S. (2019). Assessment of the chromium tolerance level of *Capsicum annum* L. under biotic stress of *Sclerotium rolfsii*. *Pakistan Journal of Science*, 71(4): 197-201. (Local, HEC-recognized, Z category).
- 106.** A. Shoaib, Ahmed J., Akhtar S. and Awan ZA. (2019). Comparative resistance of maize cultivars to charcoal rot disease. *Pakistan Journal of Science*, 71(4): 202-207. (Local, HEC-recognized, Z category).
- 107.** A. Javaid, Muhammad R. and Shoaib A. (2019). Potential bioactive phytoconstituents in *Carthamus oxyacantha* M. Bieb. root. *International Journal of Biology and Biotechnology*, 16(1): 221-229 (Local, HEC-recognized, Z category).
- 108.** A. Shoaib, Awan ZA. and Khan KA. (2018). Involvement of antioxidants and total phenolics in *Glycine max* L. resistance and susceptibility to charcoal rot. *International Journal of Biology and Biotechnology*, 15(4): 655-660. (Local, HEC-recognized, Z category)
- 109.** A. Javaid, Kanwal A. and Shoaib A. (2018). Effect of *Trichoderma harzianum* and dry leaves of *Acacia nilotica* subsp. *indica* on growth of mash bean in *Macrophomina phaseolina* contaminated soil. *International Journal of Biology and Biotechnology*, 15(3): 535-540. (Local, HEC-recognized, Z category)
- 110.** M. Rafiq, Javaid A. and Shoaib A. (2017). Possible antifungal and antibacterial constituents in inflorescence extract of *Carthamus oxyacantha*. *Mycopath*, 15(2): 87-93. (Local)
- 111.** Nafisa, Shoaib A. and Iqbal J. (2017). Cultural, morphological, molecular comparison and pathogenicity of *Alternaria solani* causing early blight disease in tomato. *Mycopath*, 15(1): 7-11.
- 112.** S. Khurshid, Shoaib A., Javaid A. and Qaisar U. (2016). Antifungal activity of ethyl acetate sub-fraction of methanolic extracts of *Cenchrus pennisetiformis* in the presence of Cr(III) and Cr(VI). *Pakistan Journal of Phytopathology*, 28(2): 213-221. (Local, HEC-recognized, Y category)
- 113.** N. Sana, Shoaib A., Javaid A. and Khan AK. (2016). Phytochemical management of collar rot of chili with leaf biomass of *Eucalyptus camaldulensis*. *Pakistan Journal of Phytopathology*, 28(1): 19-24. (Local, HEC-recognized, Y category)
- 114.** KA. Khan, Shoaib A. and Akhtar S. (2016). Response of *Vigna radiata* (L.) Wilczek genotypes to charcoal rot disease. *Mycopath*, 14 (1&2): 1-7. (Local)
- 115.** N. Sana, Javaid A., Shoaib A. and Nafisa (2015). Effect of neem leaves as soil amendment on southern blight disease, growth and physiology of chili. *Pakistan Journal of Phytopathology*, 27(2): 115-120. (Local, HEC-recognized, Y category)
- 116.** N. Akhtar, Shoaib A. and Hanif T. (2015). Side effects of pesticides on non-target soil *Aspergilli*. *Pakistan Journal of Phytopathology*, 27(1): 69-75. (Local, HEC-recognized, Y category)
- 117.** A. Aftab, Shoaib A. Akhtar N. and Nafisa (2015). Assessment of physiological changes in *Alternaria destruens* infected canola plants. *Pakistan Journal of Phytopathology*, 27(1): 89-93. (Local, HEC-recognized, Y category)
- 118.** N. Sana, Shoaib A., and Javaid A. (2015). Growth of a soil-borne plant pathogen *Sclerotium rolfsii* under heavy metal chromium(III) stress. *Pakistan Journal of Phytopathology*, 27(1): 55-60. (Local, HEC-recognized, Y category)

- 119.** A. Javaid, **Shoaib A.** and Khurshid S. (2015). Effect of previous season application of *Sisymbrium irio* and *Trichoderma harzianum* on growth of black gram in *Macrophomina phaseolina* inoculated soil. *Pakistan Journal of Weed Science Research*, 27(1): 15-23. (Local, HEC-recognized, Y category)
- 120.** N. Sana, Javaid A., **Shoaib A.** and Bajwa R. (2014). Effect of soil amendment, weeds and biopower application on mycorrhizal colonization in rice. *Pakistan Journal of Phytopathology*, 26(2): 143-146. (Local, HEC-recognized, Y category)
- 121.** S. Javed, Javaid A. and **Shoaib A.** (2014). Herbicidal activity of some medicinal plants extracts against *Parthenium hysterophorus* L. *Pakistan Journal of Weed Science Research*, 20(3): 279-291. (Local, HEC-recognized, Y category)
- 122.** S. Naz, Javaid A., Ahmad N. and **Shoaib A.** (2014). Antibacterial activity of essentials oils of *Trachyspermum ammi* and *Ocimum basilicum* against *Acidovorax* sp. *Pakistan Journal of Biology and Biotechnology*, 11(1): 671-675. (Local, HEC-recognized, Z category)
- 123.** A. Javaid, **Shoaib A.**, Bashir U. and Akhtar R. (2014). Screening of various species of Aspergilli for herbicidal activity against Parthenium weed. *Pakistan Journal of Weed Science Research*, 20(2): 137-144. (Local, HEC-recognized, Y category)
- 124.** N. Sana, Bajwa R., Javaid A. and **Shoaib A.** (2014). Effect of N-Fertilizer and farmyard manure on weed competition in rice. *Pakistan Journal of Weed Science Research*, 20(2): 167-182. (Local, HEC-recognized, Y category)
- 125.** A. Javaid, Afzal L., Bashir A. and **Shoaib A.** (2014). *In vitro* screening of *Trichoderma* species against *Macrophomina phaseolina* and *Fusarium oxysporum* f. sp. *lycopersici*. *Pakistan Journal of Phytopathology*, 26(1): 37-41. (Local, HEC-recognized, Y category)
- 126.** N. Akhtar, **Shoaib A.**, Nafisa and Aftab A. (2014). Identification and *In vitro* control of canola spot disease pathogen. *Pakistan Journal of Phytopathology*, 26(1): 101-106. (Local, HEC-recognized, Y category)
- 127.** A. **Shoaib**, Akhtar N., Nafisa and Aftab A. (2013). Fourier Transform-Infrared Spectroscopy to monitor modifications in canola biochemistry caused by *Alternaria destruens*. *Pakistan Journal of Phytopathology*, 25(2): 105-109. (Local, HEC-recognized, Y category)
- 128.** A. **Shoaib** and Akhtar S. (2013). Influence of arsenate on seed and seedling growth of *Triticum aestivum*. *Mycopath*, 11(1): 27-31. (Local)
- 129.** A. Khan, Dliferoze A., Malik Z-U., **Shoaib A.** and Khurshid S. (2012). *In vitro* chemical control of *Fusarium oxysporum* f. sp. *lycopersici*. *Mycopath*, 10(2): 57-61. (Local)
- 130.** A. Aftab, Akhtar N., Nafisa, **Shoaib A.** and Malik Z-U. (2012). *In vitro* screening methods using chemical fungicides against canola black spot pathogen. *Mycopath*, 10(2): 63-66. (Local)
- 131.** A. **Shoaib**, Nafisa, Qmar A. and Javaid A. (2012). *In vitro* toxicity evaluation of Cr(VI) against some pulses and their pathogen responsible for charcoal rot disease. *Mycopath*, 10(2): 71-76. (Local)
- 132.** A. **Shoaib**, Aslam N., Naureen A. and Nafisa (2012). Myco-agro sorbents: novel heavy metal sequesters. *Mycopath*, 10(1): 1-4. (Local)
- 133.** T. Manzoor, **Shoaib A.** and Bajwa R. (2012). Mycoremediation of Cu(II) and Ni(II). *African Journal of Microbiology Research*, 6(2): 236-244. (International)

- 134.** SF. Naqvi, Javaid A. and **Shoaib A. (2012).** Evaluation of antifungal activity of methanolic extracts of *Dicanthium annulatum* for the management of *Macrophomina phaseolina*. *African Journal of Microbiology Research*, 6(29): 5882-5886. (International)
- 135.** A. Javaid, Naqvi SF. and **Shoaib A. (2012).** Antifungal activity of methanolic extracts of *Sorghum halepense* against *Macrophomina phaseolina*. *African Journal of Microbiology Research*, 6(28): 5814-5818. (International)
- 136.** A. **Shoaib**, Aslam N. and Aslam N. **(2012).** Myco and Phyto remediation of heavy metals from aqueous solution. *The online Journal of Science and Technology*, 2(3): 34-40. (International)
- 137.** Javaid, Jabeen K., Samad S. and **Javaid A. (2011).** Management of *Parthenium* weed by extracts and residue of wheat. *African Journal of Biotechnology*, 10(65): 14399-14403. (International)
- 138.** S. Javed, **Javaid A.**, Mahmood Z., Javaid A. and Nasim F. **(2011).** Biocidal activity of citrus peel essential oils against some food spoilage bacteria. *Journal of Medicinal Plant Research*, 5(16): 3697-3701. (International)
- 139.** A. **Shoaib**, Qmar A. and Akhtar S. **(2011).** Growth of *Vigna radiata*, *V. mungo* and *V. unguiculata* under abiotic stress of mercury. *Mycopath*, 9(1): 1-7. (Local)
- 140.** R. Bajwa, **Javaid A.** and Manzoor T. **(2009).** Ni(II) and Cu(II) removal by chemically treated biomass of *Rhizopus arrhizus*. *Pakistan Journal of Phytopathology*, 21(1): 45-48. (Local, HEC Recognized Y category)
- 141.** A. **Javaid** and Bajwa R. **(2008).** A new approach of utilizing plant by-products colonized by fungal mycelia for sorption of industrial heavy metal ions. *Pakistan Journal of Phytopathology*, 20(1): 101-107. (Local, HEC Recognized Y category)
- 142.** A. **Javaid** and Bajwa R. **(2008).** Biosorption of electroplating heavy metals by some basidiomycetes. *Mycopath*, 6(1 & 2): 1-6. (Local)
- 143.** A. Javaid, **Javaid A.** and Akhtar N. **(2008).** *In-vitro* chemical control of *Botryodiplodia theobromae* isolated from dying back mango tree. *Pakistan Journal of Phytopathology* 20(2): 195-199. (Local, HEC Recognized Y category)
- 144.** A. Javaid, **Javaid A.** and Akhtar N. **(2007).** Antifungal potential of metabolites of *Trichoderma* spp. against seed-borne mycoflora of wheat. *Pakistan Journal of Phytopathology*, 19(1): 123-127. (Local, HEC Recognized Y category)
- 145.** A. Javaid, Jabeen K. and **Javaid A. (2007).** Effect of NPK, and two types of green manure on growth and mycorrhizal colonization of wheat. *Pakistan Journal of Phytopathology*, 19(2): 132-138. (Local, HEC Recognized Y category)
- 146.** N. Akhtar, Mirza JH., Bajwa R. and **Javaid A. (2007).** Fungi associated with seeds of some economically important plant. *Mycopath*, 5(1): 35-40. (Local)
- 147.** A. **Javaid** and Bajwa R. **(2007).** Biosorption of Cr(III) ions from tannery waste water by *Pleurotus ostreatus*. *Mycopath*, 5(2): 71-79. (Local)
- 148.** A. Javaid and **Javaid A. (2006).** Effect of viral infection on arbuscular mycorrhizae colonization in weeds. *Mycopath*, 4(1): 9-12. (Local)
- 149.** A. Javaid, Bajwa R, **Javaid A.** and Anjum T. **(2005).** Fungi associated with seed of pulses collected from Lahore and their effect on seed germination. *Mycopath*, 3(1&2): 13-16. (Local)

- 150.** N. Asma and **Javaid A. (2005).** Fungi associated with rhizome of turmeric (*Curcuma longa L.*) in Pakistan. *Mycopath*, 3(1&2): 69-71. (Local)
- 151.** A. Javaid, Bajwa R. and **Javaid A. (2005).** *Fusarium* root and stem rot of *Erythrina suberosa* Roxb. in Pakistan. *Pakistan Journal of Phytopathology*, 17(2): 105-107. (Local, HEC Recognized Y category)
- 152.** J.H. Mirza, Bajwa R., Akhtar N. and **Javaid A. (2005).** Coprophilous Fungi of Pakistan. *Research Bulletin No 2.* First Fungal Culture Bank of Pakistan. Dept. of Mycology and Plant Pathology University of the Punjab, Lahore. Pakistan. (Local)
- 153.** R. Bajwa, **Javaid A.** and Shah M.H. **(2004).** Mycoflora associated with the biodeterioration of picture walls at Lahore fort. *Mycopath*, 2(1): 43-50. (Local)
- 154.** R. Bajwa, **Javaid A.** and Javaid A. **(2002).** Effect of soil sterilization, organic amendments and EM application on growth, yield and VA Mycorrhizal colonization in maize. *Pakistan Journal of Phytopathology*, 14(1): 62-67. (Local, HEC Recognized Y category)

BOOKS/MONOGRAPHS

1. N. Aslam, **Shoaib A.** and Akhtar S. **(2012).** Solution to Cr(III & VI) pollution: Adsorption of Cr through environment friendly biosorbents. VDM, Verlag, Dr Müller and the German National Library and Online at www.amazon.com. ISBN-10: 3848492733
2. L. Afzal, Javaid A. and **Shoaib A. (2012).** Management of Macrophomina root rot of mungbean. LAMBERT Academic Publishers, Germany. ISBN: 978-3659241932.
3. **A. Javaid (2011).** Bioremediation of Industrial heavy metals. VDM, Verlag, Dr Müller and the German National Library and Online at www.amazon.com. ISBN:13-978-3639331349
4. **A. Javaid** and Badar T. **(2011).** Biosorption in Single and Multi-metal systems. VDM, Verlag, Dr Müller and the German National Library and Online at www.amazon.com. ISBN: 13-978-3639338355
5. T. Manzoor, **Javaid A.** and Bajwa R. **(2011).** Biosorption of Electroplating Heavy Metals by Fungi. VDM, Verlag, Dr Müller and the German National Library and Online at www.amazon.com. ISBN-10: 363935883
6. S. Akhtar and **Shoaib A. (2010).** Risk assessment of arsenate on *Triticum aestivum* L. and its management. VDM, Verlag, Dr Müller and the German National Library and Online at www.amazon.com. ISBN-10: 3639379705

Book chapters

1. **Shoaib A,** Javaid A. **(2021).** Chapter 7. Oxidative stress in plants exposed to heavy metal. In: Organic solutes, oxidative stress and antioxidant enzymes under abiotic stressors, Latef AAHA (Ed.). CRC Press, Taylor & Francis Group. pp. 133-152. ISBN: 978-0-367-90140-0
2. A. Javaid, **Shoaib A.** and Khan SN. **(2012).** Chapter 25. Mango Cultivation in Pakistan. In: *Mango Vol. 2: Cultivation in Different Countries*. Valavi SG, Mohan R, Govil JN, Peter KV, Thottappilly G (Eds.). Studium Press LLC, USA. ISBN 1-933699-72-8. pp. 385-394.
3. Javaid A. and **Shoaib A. (2012).** Chapter 12. Allelopathy for the Management of Phytopathogens. In: *Allelopathy: Current Trends and Future Applications*. Cheema ZA, Farooq M, Wahid A (Eds.). Springer Publishers. ISBN 978-3-642-30594-8.

Published Short Articles in Myconews (Quarterly newsletter published from Institute of Agricultural Sciences, Punjab University)

1. **Amna Javaid**, 2005. Agenda for Survival. *Myconews*, 3(2).
2. **Amna Javaid**, 2005. Biotechnology- For Solution of Water Pollution. *Myconews*, 3(1).