

Dr. SHAZIA SHAFIQUE

Associate Professor (Tenured)

HEC Approved Ph.D. Supervisor

Faculty of Agricultural Sciences, Department of Pathology,

University of the Punjab, Lahore, Pakistan

Books/Monographs Published

1. **Shazia Shafique**, Zunera Zaheer and Sobiya Shafique, 2011. Management and genetic characterization of *Fusarium solani*: Efficacy of *Parthenium hysterophorus* as natural fungicide. VDM Verlag Dr Muller Publishing house Ltd Germany ISBN # 978-3-639-36334-0.
2. Sobiya Shafique, Tahir Mehmood and **Shazia Shafique**, 2011. Management of potent pathogenic *Alternaria alternata* strains of tomato: Fungitoxic potential of *Tagetes erectus*. VDM Verlag Dr Muller Publishing house Ltd Germany ISBN # 978-3-639-35345-7.
3. Sobiya Shafique and **Shazia Shafique**, 2011. Genetic modification of amylase producing fungi: Enhancement of enzyme activity through UV and chemical mutagenesis. VDM Verlag Dr Muller Publishing house Ltd Germany ISBN # 978-3-639-32544-7.
4. **Shazia Shafique** and Sobiya Shafique, 2011. Strain improvement of cellulase yielding fungi: Modification through UV and chemical mutagenesis. VDM Verlag Dr Muller Publishing house Ltd. Germany ISBN # 978-3-639-32543-0.

Duties of Scientific Journals

1. Technical Editor of Mycopath, an official Journal of Myco-Phytopathological Society of Pakistan.
2. Reviewer of Journal of Plant Studies, Canadian Journal.
3. Reviewer of Mycopath, IAGS Journal.
4. Editor of Modern Biosphere International Journal, Turkey.
5. Reviewer of Pakistan Journal of Phytopathology.

Membership of Societies

1. Life member, Pakistan Phytopathological Society.
2. Member, Myco-Phytopathological Society of Pakistan.
3. Member, Weed Science Society of Pakistan
4. Life time membership of International society of Applied Life Sciences, Turkey.

LIST OF PUBLICATIONS (Impact factor: 51.949)

Papers Published In International Journals With Impact Factor:

1. Sobiya Shafique, Ayesha Mubarak, **Shazia Shafique**, Abrar Hussain, Alina Javed and Rubab Rafique, 2022. *Aspergillus aculeatus* – a novel leaf spot pathogen of *Spinacia oleraceae* from Pakistan. Journal of Animal and Plant Sciences, 33 (1):

- doi.org/10.36899/JAPS.2023.1.0599. (impact factor: **0.570**)
2. Mariam Zameer, **Shazia Shafique**, Sobiya Shafique, Usaal Tahir, Nureen Zahra, Bushra Rashid, Rubab Afzaal, 2022. Physiological and Biochemical Response of Transgenic cotton plants to Drought Stress. *Polish Journal of Environmental Studies*, DOI: 10.15244/pjoes/146461. (impact factor: **1.871**)
 3. Sobiya Shafique, Ume Attia, Naureen Akhtar, **Shazia Shafique**, 2022. Isolation and Identification of a Novel Leaf Necrotic Pathogen of *Vigna radiata* in Pakistan. *Pakistan Journal of Botany*, 54 (6): 1139-1145. DOI:10.30848/PJB2022-5(42). (impact factor: **1.1**)
 4. **Shazia Shafique**, Ayesha Mubarak, Sobiya Shafique, Abrar Hussain, Alina Javed and Rubab Rafique, 2022. Isolation and Identification of Novel Leaf Spot Pathogen - *Fusarium equiseti* from *Spinacia Oleraceae*. *Pakistan Journal of Botany*, 54 (3): 1139-1145. DOI: 10.30848/PJB2022-3(21). (impact factor: **1.1**)
 5. **Shazia Shafique**, Rubab Rafique, Sobiya Shafique, Abrar Hussain, Alina Javed and Ayesha Mubarak, 2021. *Fusarium incarnatum*, a Novel Leaf Spot Pathogen Isolated from *Rosa indica* in Pakistan. *International Journal of Agricultural and biology*. 25:1096–1100. (impact factor: **0.822**)
 6. **Shazia Shafique**, Sobiya Shafique, Sonia Sahar and Naureen Akhtar, 2020. First Report of *Exserohilum rostratum* (Drechsler) K.J. Leonard & Suggs. inducing Leaf Spot of *Solanum melongena* in Pakistan. *International Journal of Agricultural and biology*, 24(4): 751-754. (impact factor: **0.822**)
 7. Sobiya Shafique, **Shazia Shafique**, Mariam Zameer and Muhammad Asif, 2019. Plant defense system activated in chili plants by using extracts from *Eucalyptus citriodora*. *Biocontrol Science*, 24(3): 137-144. (impact factor: **0.806**)
 8. Muhammad Shakeel, Salik Nawaz Khan, Yasar Saleem, Paul J. Burgess, **Shazia Shafique**, 2019. Colour, water and chlorophyll loss in harvested broccoli (*Brassica oleracea* L. Italica) under ambient conditions in Pakistan. *Scientia Horticulturae*, 246: 858–861. (impact factor: **1.961**)
 9. **Shazia Shafique**, Sobiya Shafique, Alina Javed, Naureen Akhtar, and Shumaila Bibi, 2019. Analysis of Antagonistic Potential of Secondary Metabolites and Organic Fractions of Trichoderma Species against *Alternaria alternata*. *Biocontrol Science*, 24(2): 81 – 88. (impact factor: **0.806**)
 10. Sobiya Shafique, **Shazia Shafique**, Sonia Sahar, Naureen Akhtar, 2019. First report of *Cladosporium cladosporioides* instigating leaf spot of *Solanum melongena* from Pakistan. *Pakistan Journal of Botany*, 51(2): 755-759. (impact factor: **0.672**)
 11. Sobiya shafique, Ambreen Naseer, Naureen Akhtar, **Shazia Shafique**, 2018. Biological control of leaf spot causing fungal pathogens in red edge dracaena and sow thistle. *Pakistan Journal of Agricultural Sciences*. 55(3): 667-674. (impact factor: **0.618**)
 12. Tehmina Anjum, Waheed Akram, **Shazia Shafique**, Sobiya Shafique, Aqeel Ahmad, 2017. Metabolomic analysis identifies synergistic role of hormones biosynthesis and phenylpropanoid pathways during Fusarium wilt resistance in tomato plants. *International Journal of Agricultural and biology*. 19 (5): 1073-1078. (impact factor: **0.746**)

13. **Shazia Shafique**, Sobiya Shafique, Aqeel Ahmad, 2017. Defense response of *Eucalyptus camaldulensis* against black spot pathogen of *Pisum sativum*. *South African Journal of Botany*. 113: 428-436. (impact factor: **1.427**)
14. Sobiya Shafique, Mina Rafique, Naureen Akhtar and **Shazia Shafique**, 2017. Identification and Management of *Alternaria ochroleuca* – A Cause of Leaf Necrosis in Money Plant. *Journal of Animal and Plant Sciences*. 27 (4): 1276-1286. (impact factor: **0.381**)
15. Zoobia Bashir, Sobiya Shafique, Aqeel Ahmad, **Shazia Shafique**, Nasim A. Yasin, Yaseen Ashraf, Asma Ibrahim, Waheed Akram and Sibgha Noreen, 2016. Tomato Plant Proteins Actively Responding to Fungal Applications and Their Role in Cell Physiology. *Frontiers in Physiology*. 7: 1-10. (impact factor: **4.031**)
16. Naureen Akhter, Ambreen Naseer, Sobiya Shafique, **Shazia Shafique**, Komal Haneef, and Rahila Hafeez, 2016. First Report of *Phyllosticta aristolochiicola* Causing Leaf Spot of *Sonchus oleraceus* in Pakistan. *Plant Disease*. 100 (7): 1503. (impact factor: **3.02**)
17. Naureen Akhter, Ambreen Naseer, Sobiya Shafique, **Shazia Shafique**, and Rahila Hafeez, 2015. First Report of *Alternaria arborescens* Causing Leaf Spot of *Dracaena marginata* in Pakistan. *Journal of Plant Pathology*. 97 (4): 70. (impact factor: **1.02**)
18. **Shazia Shafique**, Muhammad Asif and Sobiya Shafique, 2015. Management of *Fusarium Oxysporum F. Sp. Capsici* by Leaf Extract of *Eucalyptus citriodora*. *Pakistan Journal of Botany*. 47(3): 1177-1182. (impact factor: **0.822**)
19. Aqeel Ahmad, Sobiya Shafique and **Shazia Shafique**, 2014. Molecular basis of antifungal resistance in tomato varieties. *Pakistan Journal of Agricultural Sciences*. 51 (3): 685-689. (impact factor: **1.049**)
20. Aqeel Ahmad, **Shazia Shafique** and Sobiya Shafique, 2014. Intracellular interactions involved in induced systemic resistance in tomato. *Scientia Horticulturae*. 176: 127-133. (impact factor: **1.365**)
21. **Shazia Shafique**, Aqeel Ahmad, Sobiya Shafique, Tehmina Anjum, Waheed Akram, Zoobia Bashir, 2014. Determination of Molecular and Biochemical Changes in Cotton Plants Mediated by Mealybug. *NJAS - Wageningen Journal of Life Sciences*. 70-71: 39-45. (impact factor: **1.143**)
22. Tahir Mehmood, Sobiya Shafique, **Shazia Shafique** and Zunera Zaheer, 2014. Fungitoxic Potential of *Tagetes erectus* for the Management of *Alternaria alternata* Strains of Tomato. *Pakistan Journal of Botany* 46(3): 1047-1054. (impact factor: **0.822**)
23. Aqeel Ahmad, Sobiya Shafique, **Shazia Shafique** and Waheed Akram, 2014. *Penicillium oxalicum* directed systemic resistance in tomato against *Alternaria alternata*. *Acta Physiologiae Plantarum*. 36 (5): 1231-1240. (impact factor: **1.584**)
24. **Shazia Shafique**, Arshad Javaid and Sobiya Shafique, 2013. Management of Littleseed Canarygrass (*Phalaris minor* Retz.) by Extracts and Dry Leaf Biomass of *Parthenium hysterophorus* L.). *Philippine Agricultural Scientist*. 96(4): 426-431. (impact factor: **0.368**)
25. Zoobia Bashir, **Shazia Shafique**, Aqeel Ahmad, Tehmina Anjum, Sobiya Shafique and Waheed Akram, 2013. Quantification of Cellulose Contents by Transmission Spectra f

Plant Tissues. *Cellulose Chemistry and Technology*, 47 (7-8), 509-513.

(impact factor: **0.833**)

26. Sobiya Shafique, **Shazia Shafique** and Aqeel Ahmad, 2013. Ecofriendly Response of Citrus Peels to *Alternaria* Leaf Spots of Tomato: Exclusive Role of Peel Phenolics. *International Journal of Agriculture and Biology*. 15: 1236–1242. (impact factor: **0.902**)
27. Aqeel Ahmad, **Shazia Shafique** and Sobiya Shafique, 2013. Cytological and Physiological basis for tomato varietal resistance against *Alternaria alternata*. *Journal of the Science of Food and Agriculture*. 93 (5): 2315–2322. (impact factor: **1.879**)
28. Zunaira Zaheer, **Shazia Shafique**, Sobiya Shafique and Tahir Mehmood, 2012. Antifungal potential of *Parthenium hysterophorus* L. plant extracts against *Fusarium solani*. *Scientific Research and Essays*. 7 (22): 2049-2054. (impact factor: **0.445**)
29. Zunaira Zaheer, **Shazia Shafique**, Sobiya Shafique and Tahir Mehmood, 2012. Evaluation of pathogenic potential and genetic characterization of *Fusarium solani* – a cause of fusarium wilt in potato. *African Journal of Microbiology Research*. 6(8): 1762-1765. (impact factor: **0.533**)
30. **Shazia Shafique** and Sobiya Shafique, 2011. Kinetic study of partially purified cellulose enzyme produced by *Trichoderma viride* FCBP-142 and its hyperactive mutants. *Microbiology* 80(3): 356-365. (impact factor: **0.638**)
31. Khalid Mehmood, Hafiz M. Asif, Rukhsana Bajwa, **Shazia Shafique** and Sobiya Shafique, 2011. Phytotoxic potential of bark extracts of *Accacia arabica* and *Syzygium cumini* against *Parthenium hysterophorus*. *Pakistan Journal of Botany* 43(6): 3007-3012. (impact factor: **0.947**)
32. **Shazia Shafique**, Rukhsana Bajwa and Sobiya Shafique, 2011. *Tagetes erectus* L. – a potential resolution for management of *Parthenium hysterophorus* L. *Pakistan Journal of Botany* 43(2): 885-894. (impact factor: **0.947**)
33. **Shazia Shafique**, Sobiya Shafique, Rukhsana Bajwa, Nosheen Akhtar and Sana Hanif, 2011. Fungitoxic activity of aqueous and organic solvent extracts of *Tagetes erectus* on phytopathogenic fungus-*Ascochyta rabiei*. *Pakistan Journal of Botany* 43(1): 59-64. (impact factor: **0.947**)
34. Arshad Javaid, **Shazia Shafique** and Sobiya Shafique, 2011. Management of *Parthenium hysterophorus* (Asteraceae) by *Withania somnifera* (Solanaceae). *Natural Product Research* 25(4): 407-416. (impact factor: **0.906**)
35. Arshad Javaid, **Shazia Shafique**, Sobiya Shafique, 2010. Herbicidal activity of *Withania somnifera* against *Phalaris minor*. *Natural Product Research* 24(15): 1457-1468. (impact factor: **0.906**)
36. Arshad Javaid, **Shazia Shafique**, Qudsia Kanwal and Sobiya Shafique, 2010. Herbicidal activity of flavonoids of mango leaves against *Parthenium hysterophorus* L. *Natural Product Research* 24 (19, 20): 1865 – 1875. (impact factor: **0.906**)
37. Arshad Javaid, Sobiya Shafique, Rukhsana Bajwa, **Shazia Shafique**, 2010. Parthenium management through aqueous extracts of *Alstonia scholaris*. *Pakistan Journal of Botany*. 42 (5): 3651-3657. (impact factor: **0.947**)

38. Arshad Javaid, Sobiya Shafique, **Shazia Shafique**, 2010. Seasonal pattern of dormancy in seeds of *Parthenium hysterophorus* L. *Pakistan Journal of Botany*. 42 (1): 497-503.
(impact factor: **0.947**)
39. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2010. Condition Stabilization for *Aspergillus niger* FCBP-198 and its hyperactive mutants to yield high titres of α -amylase. *Microbiology*, 79 (3): 301-306.
(impact factor: **0.813**)
40. **Shazia Shafique**, Rukhsana Bajwa and Sobiya Shafique, 2010. Molecular characterization of UV and chemical induced mutants of *Trichoderma reesei* FCBP-364. *Natural Product Research* 24 (15): 1438-1448.
(impact factor: **0.906**)
41. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2010. Alpha-amylase Production by toxigenic fungi. *Natural Product Research* 24 (15): 1449-1456.
(impact factor: **0.906**)
42. Arshad Javaid, Sobiya Shafique and **Shazia Shafique**, 2010. Herbicidal effects of extracts and residue incorporation of *Datura metel* against parthenium weed. *Natural Product Research* 24(15): 1426-1437.
(impact factor: **0.906**)
43. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2010. Mutagenesis and genetic characterization of amylytic *Aspergillus niger*. *Natural Product Research* 24 (12): 1104-1114.
(impact factor: **0.906**)
44. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2009. Strain improvement and genetic characterization of indigenous *Aspergillus flavus* for amylytic potential. *Natural Product Communications*. 4 (7): 977-980.
(impact factor: **0.745**)
45. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2009. Mutation of *Alternaria tenuissima* FCBP-252 for hyper-active α -amylase. *Indian Journal of Experimental Biology*, 47: 591-596.
(impact factor: **0.550**)
46. **Shazia Shafique**, Rukhsana Bajwa and Sobiya Shafique, 2009. Mutagenesis and Genotypic Characterization of *Aspergillus niger* FCBP-02 for Improvement in Cellulolytic Potential. *Natural Product Communications*. 4 (4): 557-562.
(impact factor: **0.745**)
47. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2009. Screening of *Aspergillus niger* and *A. flavus* strains for extra cellular alpha-amylase activity. *Pakistan Journal of Botany*, 41 (2): 897-905.
(impact factor: **0.52**)
48. **Shazia Shafique**, Rukhsana Bajwa and Sobiya Shafique, 2009. Cellulase biosynthesis by selected *Trichoderma* species. *Pakistan Journal of Botany*, 41 (2): 907-916.
(impact factor: **0.52**)
49. Arshad Javaid, Sobiya Shafique, **Shazia Shafique**, 2009. Comparison of *Trifolium alexandrinum* and *Parthenium hysterophorus* Green Manures in Rice – Wheat Cropping system. *Philippine Agricultural Scientist*. 92 (1): 110-115.
(impact factor: **0.145**)
50. Rukhsana Bajwa, Arshad Javaid, Sobiya Shafique, Amna Javaid, Khajista Jabeen and **Shazia Shafique**, 2008. Fungistatic activity of aqueous and organic solvent extracts of rice varieties on phytopathogenic fungi. *Allelopathy Journal*. 22 (2): 363-370.
(impact factor: **0.527**)

51. Arshad Javaid, **Shazia Shafique**, Sobiya Shafique and Tariq Riaz, 2008. Effects of rice extracts and residue incorporation on *Parthenium hysterophorus* management. *Allelopathy Journal*. 22 (2): 353-362. (impact factor: **0.527**)
52. Sobiya Shafique, Arshad Javaid, Rukhsana Bajwa and **Shazia Shafique**, 2007. Effect of aqueous leaf extracts of allelopathic trees on germination and seed-borne mycoflora of wheat. *Pakistan Journal of Botany*, 39 (7): 2619-2624. (impact factor: **0.29**)
53. **Shazia Shafique**, Rukhsana Bajwa, Arshad Javaid and Sobiya Shafiqe, 2007. Biological control of *achyranthes aspera* and *xanthium strumarium* in Pakistan. *Pakistan Journal of Botany*, 39 (7): 2607-2610. (impact factor: **0.29**)
54. Arshad Javaid, Sobiya Shafique, and **Shazia Shafique**, 2007. Causes of rapid spread of *parthenium hysterophorus* L. in pakistan and possible control measures – a review. *Pakistan Journal of Botany*, 39 (7): 2611-2618. (impact factor: **0.29**)
55. Arshad Javaid, Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2006. Effect of aqueous extracts of allelopathic crops on germination and growth of *Parthenium hysterophorus* L. *South African Journal of Botany*, 72: 609-612. (impact factor: **0.648**)
56. Rukhsana Bajwa, Tehmina Anjum, Sobiya Shafique and **Shazia Shafique**, 2006. Evaluation of antifungal activity of *Cicer arietinum* L. *Pakistan Journal of Botany*, 38 (1): 175-184. (impact factor: **0.106**)

Papers published in international journals without impact factor:

57. Sobiya Shafique, **Shazia Shafique** and Aqeel Ahmad, 2018. Biochemical and molecular screening of varieties of chili plants that are resistant against Fusarium wilt infection. *European Journal of Microbiology and Immunology*, 8 (1): 12-19.
58. Sobiya Shafique, Waheed Akram, Tehmina Anjum, Aqeel Ahmad and **Shazia Shafique**, 2014. Comparative studies on phytochemistry, antibacterial and antifungal properties of *Alstonia scholaris* and *Millettia pinnata*. *Australasian Plant Disease Notes*. 9(1): 1-5.
59. Zoobia Bashir, Aqeel Ahmad, Sobiya Shafique, Tehmina Anjum, **Shazia Shafique** and Waheed Akram, 2013. Hypersensitive response – a biophysical phenomenon of producers. *European Journal of Microbiology and Immunology*, 3 (2): 105–110.
60. Asma Murtaza, **Shazia Shafique**, Tehmina Anjum and Sobiya Shafique, 2012. In vitro control of *Alternaria citri* using antifungal potentials of *Trichoderma* species. *African Journal of Biotechnology*. 11 (42): 9985-9992.
61. Sobiya Shafique, Ruqeyah Abdul Majeed and **Shazia Shafique**, 2012. *Cymbopogon citrates*: A remedy to control selected *Alternaria* species. *Journal of Medicinal Plants Research*, 6 (10): 1879-1885.
62. **Shazia Shafique**, Rukhsana Bajwa and Sobiya Shafique, 2011. Strain improvement in *Trichoderma viride* through mutation for over expression of cellulase and characterization of mutants using RAPD. *African Journal of Biotechnology*. 10 (84): 19590-19597.

63. Sobiya Shafique, Rukhsana Bajwa, **Shazia Shafique** and Arshad Javaid 2011. Herbicidal effects of aqueous extracts of three *chenopodium* species against *Avena fatua*. *African Journal of Biotechnology*. 10(34): 6492-6496.

Papers published in national HEC-recognized journals:

64. Alina Javed, **Shazia Shafique**, Sobiya Shafique, Abrar Hussain, Rubab Rafique and Ayesha Mubarak, 2022. Isolation and Identification of *Aspergillus tubingensis* (Schiber) Mosseray- A Novel Leaf Spot Pathogen of *Helianthus Annuus* L. in Pakistan. *International Journal of Biology and Biotechnology*. 19 (4): 503-509. (Y-Category)
65. Sobiya Shafique, Rubab Rafique, **Shazia Shafique**, Abrar Hussain, Alina Javed and Ayesha Mubarak, 2021. Novel Report of *Rosa indica* Leaf Spot by *Alternaria tenuissima* from Pakistan. *Pakistan Journal of Phytopathology*. 33 (1): 177-182. (Y-Category)
66. **Shazia Shafique**, Sobiya Shafique and Sonia Sahar, 2020. *Thymus serpyllum* – A Novel Biocontrol Agent against Leaf Spot Pathogens of *Solanum melongena*. *Pakistan Journal of Weed Science Research*, 26(4): 469-479. (Y-Category)
67. Muhammad Shakeel, Salik Nawaz, Yasar Saleem, Shazia Shafique, Ateeq Tahir and Muhammad Riaz, 2020. Broccoli: Introduction and Adoption Constraints in Pakistan. *Sarhad Journal of Agriculture*, 36(2): 526-532. (X-Category)
68. Sobiya Shafique and **Shazia Shafique**, 2017. Partial Purification and Characterization of α -Amylase from Hyperactive Mutants of *A. niger* for Economic Enzyme Production and Starch Hydrolysis. *International Journal of Biology and Biotechnology* 14 (2): 159-167. (Y-Category)
69. **Shazia Shafique**, Sobiya Shafique and Arooj Yousuf, 2015. Bioefficacy of extract of *Ageratum conyzoides* to control *Drechslera australiensis* and *Drechslera holmii*. *Pakistan Journal of Phytopathology* 27 (2): 193-200. (Y-Category)
70. **Shazia Shafique**, Sobiya Shafique and Aqeel Ahmad, 2015. Evaluation of the effect of different carrier materials on viability and resistance induction potential of *Penicillium oxalicum*. *Pakistan Journal of Phytopathology* 27 (2): 207-215. (Y-Category)
71. **Shazia Shafique** and Sobiya Shafique, 2014. Optimization of growth conditions for enhanced cellulase enzyme activity from the wild and improved mutants of *T. viride*. *International Journal of Biology and Biotechnology*. 11 (4): 537-545. (Z-Category)
72. **Shazia Shafique**, Sobiya Shafique and Rukhsana Bajwa, 2009. Cellulolytic potential of *Penicillium citrinum* FCBP -181 using different carbon sources. *Pakistan Journal of Phytopathology*. 21 (2): 135-138. (Y-Category)
73. Arshad Javaid, Sobiya Shafique and **Shazia Shafique**, 2009. Invasion of noxious alien weed *Parthenium hysterophorus* L. in grazing lands of Lahore, Pakistan. *The Journal of Animal and Plant Sciences*. 19 (3): 149-153. (Z-Category)
74. Arshad Javaid, **Shazia Shafique** and Sobiya Shafique, 2009. Herbicidal activity of *Withania somnifera* and *Datura alba* against *Rumex dentatus*. *Journal of Agricultural Research*. 47 (1): 37-45. (Y-Category)

75. Arshad Javaid, Sobiya Shafique and **Shazia Shafique** 2008. Herbicidal activity of *Datura metel* against *Phalaris minor*. *Pakistan Journal of Weed Science Research*, 14 (3-4): 209-220. (Z-Category)
76. **Shazia Shafique**, Rukhsana Bajwa and Sobiya Shafique, 2007. Cellulase production potential of selected strains of *Aspergilli*. *Pakistan Journal of Phytopathology*. 19 (2): 196-205. (Y-Category)
77. Sobiya Shafique, Rukhsana Bajwa and **Shazia Shafique**, 2007. Amylolytic potential of two indigenous *Fusarium species* to Pakistan. *Pakistan Journal of Phytopathology*. 19 (2): 159-167. (Y-Category)
78. Arshad Javaid, Sobiya Shafique and **Shazia Shafique**, 2006. Herbicidal potential of aqueous leaf extract of allelopathic trees against *Phalaris minor*. *Pakistan Journal of Weed Science Research*, 12 (4): 339-346. (Z-Category)
79. Arshad Javaid, Sobiya Shafique, Rukhsana Bajwa, **Shazia Shafique**, 2006. Biological control of noxious alien weed *Parthenium hysterophorus* L. in Pakistan. *International Journal of Biology and Biotechnology* 3 (4): 721-724. (Y-Category)
80. Arshad Javaid, **Shazia Shafique** and Sobiya Shafique, 2006. Fungi associated with stored seeds of *Parthenium hysterophorus* collected from Lahore. *International Journal of Biology and Biotechnology*, 3 (3): 551-553. (Y-Category)
81. Arshad Javaid, Sobiya Shafique and **Shazia Shafique**, 2006. Parthenium weed – an emerging threat to plant biodiversity in Pakistan. *International Journal of Biology and Biotechnology*, 3(3): 619-622. (Y-Category)
82. **Shazia Shafique**, Rukhsana Bajwa, Arshad Javaid and Sobiya Shafique, 2006. Antifungal activity of aqueous extracts of weeds against pathogen of black pointed disease of wheat seeds. *Pakistan Journal of Phytopathology*, 18 (2): 77-80. (Y-Category)
83. Arshad Javaid, Rukhsana Bajwa, Sobiya Shafique, and **Shazia Shafique**, 2006. Tree dieback incidence in Nathiagali and surrounding hills. *International Journal of Biology and Biotechnology*, 3 (1): 73-76. (Y-Category)

Papers published in national Non-HEC recognized journals:

84. **Shazia Shafique**, Rubab Rafique, Sobiya Shafique, Naureen Akhtar and Shumaila Bibi, 2021. Impact of Aflatoxins on Growth of Nitrogen Fixing Bacteria. *International Journal of Biology and Biotechnology*, 18 (1): 93-101.
85. Fatima Ali, Naureen Akhtar, **Shazia Shafique** and Sobiya Shafique, 2021. Isolation and identification of *Aspergilli* causing Banana fruit rot. *Open Journal of Chemistry*, 4(1): 8-18.
86. Sobiya Shafique, Tehmina Anjum, **Shazia Shafique**, Aqeel Ahmad, Waheed Akram and Zoobia Bashir, 2011. Induction of systemic defenses in plants under the activity of dynamic inducers. *Mycopath*. 9: 95-104.
87. **Shazia Shafique** and Sobiya Shafique. 2008. Antifungal activity of n-hexane extracts of *Datura metel* against *Ascochyta rabiei*. *Mycopath*. 6 (1 & 2): 31-35.

88. Rukhsana Bajwa, Sobiya Shafique and **Shazia Shafique** 2008. Fungitoxicity of aqueous and organic solvent extracts of *Datura metel* against *Ascochyta rabiei*. *Mycopath*, 6 (1 & 2): 17-22.
89. Rukhsana Bajwa, Sobiya Shafique and **Shazia Shafique**. 2007. Evaluation of antifungal activity of aqueous extracts of two Asteraceous plants species. *Mycopath*, 5 (1): 29-33.
90. Rukhsana Bajwa, Sobiya Shafique and **Shazia Shafique**. 2007. Appraisal of antifungal activity of *Aloe vera*. *Mycopath*, 5 (1): 5-9.
91. Asad Shabir, Rukhsana Bajwa, **Shazia Shafique** and Sobiya Shafique, 2006. Fungal flora associated with seeds of some common weeds and their impact on seed germination. *Mycopath*, 4 (1): 55-56.
92. Rukhsana Bajwa, Sobiya Shafique and **Shazia Shafique**, 2006. Effect of leaf rust infection on mycorrhizal colonization of weeds. *Mycopath*, 4 (1): 1-4.
93. Sobiya Shafique, **Shazia Shafique** and Arshad Javaid, 2005. Fungitoxicity of aqueous extracts of allelopathic plants against seed-borne mycoflora of maize. *Mycopath*, 3(1-2): 23-26.
94. Sobiya Shafique, Rukhsana Bajwa, Arshad Javaid and **Shazia Shafique**, 2005. Biological control of *Parthenium IV*: Suppressive ability of aqueous leaf extracts of some allelopathic trees against germination and early seedling growth of *parthenium hysterophorus L.* *Pakistan Journal of Weed Science Research*, 11(1-2): 75-79.
95. **Shazia Shafique**, Sobiya Shafique and Rukhsana Bajwa, 2004. Antifungal activity of allelopathic plant extracts. V: Inhibition in biomass production of *Fusarium solani* by aqueous extracts of allelopathic grasses. *Mycopath*, 2(2): 83-86.
96. Rukhsana Bajwa, Sobiya Shafique, Tehmina Anjum and **Shazia Shafique**, 2004. Antifungal Activity of Allelopathic Plant Extracts IV: Growth Response of *Drechslera hawaiiensis*, *Alternaria alternata* and *Fusarium moniliforme* to Aqueous Extract of *Parthenium hysterophorus*. *International Journal of Agriculture & Biology*, 6(3): 511-516.
97. Rukhsana Bajwa, **Shazia Shafique**, Sobiya Shafique and Arshad Javaid, 2004. Effect of foliar spray of aqueous extract of *Parthenium hysterophorus* on growth of sun flower. *International Journal of Agriculture & Biology*, 6(3): 474-478.

Papers published in proceedings:

98. **Shazia Shafique** and Sobiya Shafique, 2012. Biological control potential of *Parthenium hysterophorus* against *Fusarium solani* – A cause of fusarium wilt in potato. In proceeding of International Conference on Applied Life Sciences, 10-13, September, 2012, Konya, Turkey. Pp. 315-320.
99. Sobiya Shafique and **Shazia Shafique**, 2012. *Tagetes erectus* – A tool for the management of *Alternaria alternata* strains of tomato. In proceeding of International Conference on Applied Life Sciences, 10-13, September, 2012, Konya, Turkey. Pp. 309-314.
100. **Shazia Shafique**, Sobiya Shafique and Arshad Javaid, 2011. Use of Solanaceous Plants Extracts as Alternate Herbicides for the Management of *Parthenium*. In proceeding of “3rd

International Symposium on Weeds and Invasive Plants”, 2-7, October, 2011, Ascona, Switzerland.

101. Arshad Javaid, Sobiya Shafique and **Shazia Shafique**, 2008. Herbicidal activity of Solanaceous medicinal plant *Withania somnifera*. In: Proceedings of 1st International Seminar on Medicinal Plants, 21-23 May, 2008, Department of Chemistry, Lahore College for Women University. Pp. 101-104.
102. Arshad Javaid, Rukhsana Bajwa, Sobiya Shafique and **Shazia Shafique**, 2006. Chemical, phytochemical and biological control of *Parthenium hysterophorus* L. in Pakistan. In: Proceedings of Fifteenth Australian Weeds Conference, 24-28 September, 2006, Adelaide Convention Centre, Adelaide, South Africa.
103. Arshad Javaid, Rukhsana Bajwa, **Shazia Shafique** and Sobiya Shafique, 2007. Management of *Parthenium hysterophorus* L. in Pakistan. In: Proceedings of 21st Asian Pacific Weed Science Society (APWSS) Conference, 2-6 October, 2007, Colombo, Sri Lanka. Pp. 186-191.
104. Rukhsana Bajwa, Sobiya Shafique, Afia Khalid, Arshad Javaid and **Shazia Shafique**, 2003. Fungal biological control potential of aqueous extract of *Parthenium hysterothorus* L. In: Proceedings of 4th National Conference of Plant Pathology, 14-16 October, 2003 Arid Agriculture University, Rawalpindi. Pp. 89-96.