

PUBLICATIONS:

International:

1. González-Carranza Z H, **Shahid A A**, Zhang L , Yang L, Ninsuwan U, Roberts J A.(2012). A novel approach to dissect the abscission process in Arabidopsis. Plant Physiology. Published on September 21, 2012, as DOI:10.1104/pp.112.205955. (Impact Factor = 7.054)
2. Ilyas M, Nawaz. K ShafiqM,Haider M S and **Shahid A A**. (2012).Archives of Virolog. Complete nucleotide sequences of two begomoviruses infecting Madagascar periwinkle (*Catharanthus roseus*) from Pakistan. DOI 10.1007/s00705-012-1498-1. (Impact Factor 2.111)
3. Afzal M; **Shahid A A**;ShehzadiA; NadeemS andHusnain T. (2012). RDNAnalyzer: A tool for DNA secondary structure prediction and sequence analysis. Bioinformation, 8(14): 687-690.(Impact Factor = 1.150)
4. Israr, M; **Shahid, A. A**; Rahman, Z; Shahzad, M S; Ullah,O. and Husnain, T. (2012). Punjabi population data for seven X-chromosome short tandem repeat (X-STR) loci using a new miniplex system. African Journal of Biotechnology, 11(46): 10513-10516. (Impact Factor = 0.573)
5. Fatima S; Anjum T; Bajwa, R and **Shahid A. A**(2012). Identification of indigenous *Xanthomonas* isolates through 16S rRNA gene amplification and SDS PAGE analyses. African Journal of Microbiology Research, 6(15): 3651-3655. (Impact Factor = 0.533)
6. **Shahid, A.A.**, Rao A.Q., Bakhsh, A and Husnain, T (2012). Entomopathogenic Fungi as Biological Controllers: New Insights into their Virulence and Pathogenicity, Archives of Biological Sciences, Belgrade, 64 (1): 21-42. (Impact Factor = 0.356)
7. Javed S., **Shahid A. A.**, Muhammad, H. S., Umeera, A., Ahmad, R. and Mushtaq. S. (2012). Nutritional, Phytochemical Potential and Pharmacological evaluation of *Nigella Sativa* (Kalonji) & *Trachyspermum Ammi* (Ajwain). Journal of Medicinal Plant Research, 6(5): 786-775. (Impact Factor = 0.879)
8. Bakhsh A, Rao AQ, Khan G.A., Rashid B,**Shahid AA**andHusnain T (2012). Insect Resistance Studies of Transgenic Cotton Cultivar Harboring cry1Ac and cry2A. Tarım Bilimleri Araştırma Dergisi 5 (2): 167-171. (Citation 3)
9. Rahman M., Muhammad N., **Shahid A. A.** andHusnain T. (2012). Allelopathic effects of transgenic rice having *cry1Ac* and *cry2A* genes on seed germination of wheat and chickpea crops. New Horizons in Science & Technology (NHS&T), 1(3):71-75.

10. Rahman M., Muhammad N., **Shahid A. A.** and Husnain T. (2012). Elite transgenic lines of basmati-370 revealed high level of lodging resistance under field conditions. *Pure Applied Biology*. 1(2): 22-27.
11. Khan M A U., **Shahid A.A.**, Rao A.Q and Husnain, T (2011). Role of Epicuticular Waxes in the Susceptibility of *Gossypium arboreum* cotton. *African Journal of Biotechnology*, 10(77): 17868-17874. (Impact Factor = 0.573)
12. Bakhsh A., Aasim M., Rao A.Q., **Shahid A A.**, Khawar K.M., Ozcan S., and Husnain T (2011) Paradigms of biotechnology in Pakistan . *Current Opinion in Biotechnology* p s85, 22S: S15–S152.
13. Muhammad, N., Rahman, M., **Shahid, A. A.**, Husnain, T and Riazuddin S. (2010) Risk Assessment and Biosafety Studies of Transgenic Bt Rice (*Oryza sativa* L.), *Journal of Agricultural Science and Technology-Iran* , 4(4) 29:1-9. (Impact Factor = 0.255)
14. **Shahid, A. A.**, Chaudhry, B., Rehman, M. and Riazuddin, S. (2009). Detection of anti-fungal genes in chickpea (*Cicerarietinum* L.) and their effects on fungal growth. *Emirates Journal of Food and Agriculture*, 21 (2): 34-41.
15. Rao, A. Q; Bakhsh, A; Kiani, S; Shahzad, K; **Shahid, A. A**; Husnain, T and Riazuddin, S. (2009). The myth of plant transformation. *Biotechnology Advances*, 27:753–763. (Impact Factor = 9.64) (Citation 28)
16. **Shahid, A. A.**, Husnain, T and Riazuddin, S. (2008). Ascochyta blight of chickpea: Production of phytotoxins and disease management. *Biotechnology Advances*, 26: 511-515. (Impact Factor = 9.64) (Citation 6)
17. Rahman, M., Rashid, H., **Shahid, A. A.**, Bashir, K., Husnain, T. and Riazuddin, S. (2007). Insect resistance and risk assessment studies of advanced generations of Basmati rice expressing two genes of *Bacillus thuringiensis*. *Electronic Journal of Biotechnology*. ISSN:0717-3458, 10(2): 240-251. (Impact Factor = 0.865)(Citation 6)
18. Rao, A.Q., Hussain, S.S., Shahzad, S.M., Bokhari, Y.A., Raza, M.H., Rakha, A., Majeed, A., **Shahid, A.A.**, Saleem, Z., Husnain, T. and Riazuddin, S. (2006). Somatic Embryogenesis in Wild relatives of Cotton (*Gossypium* spp.). *Journal of Zhejiang University Science B*, 7(4): 291-298. (Impact Factor = 1.04) (Citation 14)
19. **Shahid, A. A.**, Nasir, I. A., Zafar, A. U., Chaudhry, B. and Riazuddin S. (2004). The Cambiopesticides: Preparations, Uses and Comparative Studies with Chemical Pesticides. In: ed. G. R. Pathade and P. K. Goel, *Biotechnological Methods in Environmental Management*, pp 260-282, ABD Publishers Jaipur, India.
20. Shahzad, M. S., Abbas, S. Y., Rao, A. Q., Raza, M. H., Obaidullah, Rehman, Z., **Shahid A. A.**, Ahmed Z., and Riazuddin, S. (2004). Population Studies of STR Markers Loci D3S1358, D5S818, D7S820, D18S51 and FGA (FIBRA) in Sindhi and NWF

Populations of Pakistan for Forensic use. *Archiwum Medycyny Sadowej i Kryminologii*, Poland. 4: 215-22. (Impact Factor = 5.88)

21. **Shahid, A. A.** and Riazuddin, S. (1999). Isolation of bacteria possessing antifungal activities against *Ascochyta rabiei*, a chickpea fungus. *International Chickpea and Pigeonpea Newsletter*, 6:16-17.
22. **Shahid, A. A.** and Riazuddin, S. (1998). Presence of Solanapyrone C in blight infected chickpea plants. *International Chickpea and Pigeonpea Newsletter*, 5:15-16.
23. Javed, N. Chohan, A.R. and **Shahid, A. A.** (1989). Evaluation of various nematicides against root-knot nematode, *Meloidogyne Javanica* on tomato, *International Nematology Network Newsletter* 6(3): 34-36.

Accepted (Evidence Attached):

24. Kamran Shehzad Bajwa, **Shahid A A**, Abdul Qayyum Rao, Muhammad Sarfrazkiani, Muhammad Aleem Ashraf, Abdelhafiz Adam Dehab, Muhammad Azmat Ullah Khan, Agung Nugroho Puspito, Asiya Aftab, Aftab Bashir and Tayyab Husnain (2012). Expression of Calotropis procera expansin gene CpEXPA3 enhances cotton fibre strength. *Australian Journal of Crop Science*. (Impact factor: 1.63)
25. Dahab AA, Saeed M, Mohamed BB, Ashraf M A, Puspito AN, Bajwa KS, **Shahid AA**, and Husnain T (2012). Genetic diversity assessment of cotton (*Gossypium hirsutum* L.) genotypes from Pakistan using simple sequence repeat markers. *Australian Journal of Crop Science*. (Impact factor: 1.63)
26. **Shahid AA**. Khalid S. Bakhsh A. Samiullah T R. Husnain T and Riazuddin S. (2012). Risk Assessment Studies of Transgenic Bt diet on Rats. *Pakistan Journal of Zoology*: 44. (Impact Factor = 0.145)
27. A. Q. Rao, K. Sh. Bajwa, A. N. Puspito, M. A. Ullah Khan, M. A. Abbas, M. Rehman, A. Bakhsh, **A. A. Shahid**, I.A. Nasir and T. Husnain. (2013). *Journal of Agricultural Science and Technology Islamic Republic of Iran*.

Book Published:

28. Rao A.Q, **Shahid A.A** and Husnain.T (2011). *Impact of PHY B Gene Transformation in Physiology and Yield of Cotton*. LAP Lambert Academic Publishing GmbH & Co. KG, Germany, ISBN (978-3-8465-0191-7).
29. Khan A, **Shahid A.A** and Rao A.Q (2011). *Epicuticular Wax as a Mechanical Barrier in Transmission of CLCuV*. VDM Verlag Academic Publishing GmbH & Co. KG ISBN 978-3-639-38065-1.

30. Ibrahim A and **Shahid A. A** (2011). Management of root-knot nematodes by using bio-pesticides. LAP Lambert Academic Publishing GmbH & Co. KG, Germany, ISBN (978-3-8465-2662-0).
31. **Shahid, A. A** and Riazuddin S. (2009). Chickpea blight (*A. rabiei*): Production of phytotoxins and defence gene. VDM Verlagsservicegesellschaft mbH Dudweiler Landstr. 99 D - 66123 Saarbrücken Handelsregister Amtsgericht Saarbrücken HRB 1704 Geschäftsführer: Germany, ISBN 978-3-639-19183-7.

National Publications:

32. Rahman M, Rao A. Q., Batool F., Azam S., **Shahid A. A.** and Husnain T (2012). Transgene copy number and phenotypic variations in transgenic Basmati rice. The Journal of Animal & Plant Sciences, 22(4): 1004-1013. (Impact Factor = 0.585)
33. Ibrahim A., **Shahid A. A.**, Shafiq M and Haider M. S. (2012). Management of root knot nematodes on the turnip plant (*brassica rapa*) by using fungus (*trichodermaharzianum*) and neem(*azadirachtaindica*) and effect on the growth rate. Pakistan Journal of Phytopathology. 24(2): 101-105. (HEC Category=Y)
34. Bakhsh, A., Rao, A. Q., **Shahid, A. A.**, Husnain, T and Riazuddin, S. (2010). CaMV35S is a Developmental Promoter Being Temporal and Spatial in Expression Pattern of Insecticidal Genes (*CryIAc&Cry2A*) in Cotton. Australian Journal of Basic and Applied Sciences, 4(1): 37-44. (Citation: 4)
35. Bakhsh, A., Rao, A. Q., **Shahid, A. A.**, Husnain, T and Riazuddin S. (2009). Insect Resistance and Risk Assessment Studies in Advance Lines of Bt Cotton Harboring *CryIAc* and *Cry2A* Genes. American-Eurasian J. Agric. & Environ. Sci., 6 (1): 01-11.
36. **Shahid, A. A.**, Chaudhry, B. and Riazuddin S. (2003). Pathogenicity of *Metarhiziumanisopliae* on *Heliothisarmigera* and *Bemisiatabaci*. Pakistan Journal of Phytopathology 15(1-2): 33-36. (HEC Category=Y)
37. **Shahid, A. A.**, Sattar, A., Chaudhry, B. and Riazuddin S. (2003). Determination of Protein Virulence Factors and Pathogenicity of Entomopathogenic Fungi. Pakistan Journal of Biochemistry and Molecular Biology, 36(2): 100-107.
38. Husnain, T., Bokhari, S.M., Riaz, N., Fatima, T., **Shahid, A.A.**, Bashir, K., Jan, A. and Riazuddin, S. (2003). Pesticidal Genes of *Bacillus thuringiensis* in Transgenic Rice Technology to Breed Insect Resistance. Pakistan Journal of Biochemistry and Molecular Biology, 36(3): 133-142.
39. **Shahid, A. A.**, Nasir, I. A., Zafar, A. U., Sumrin, A., Chaudhry, B. and Riazuddin. S. (2003). The use of CAMB biopesticides to control pests of rice (*Oryza sativa*). Asian journal of Plant Sciences 2(15-16): 1079-1082.

40. Bokhari, S. Y. A., Shahzad, M. S., Qayyum, A., Raza, M. H., Arshad, F., Shafique, M., Rahman, Z., **Shahid, A. A.**, Ahmad, Z. and Riazuddin, S. (2003). Development of STR Multiplex System (D5S818, D7S820 And D18S51) for Forensic Casework. *Pakistan Journal of Zoology*, 23: 167-174. (Impact Factor = 0.145)
41. Zafar, A. U., Nasir, I. A. and **Shahid, A. A.**, Rahi, M. S. and Riazuddin, S. (2002). Performance evaluation of CAMB biopesticide to control cabbage butterfly (*Pieris brassicae*) in cauliflower crop. *Pakistan Journal of Biological Sciences* 5(10): 1041-1043.
42. **Shahid, A. A.** and Riazuddin, S. (2000). Chickpea blight caused by *Ascochyta blight* and Isolation of phytotoxic compounds from culture filtrates of fungus. *Pakistan Journal of Biochemistry and Molecular Biology*, 33: 3-7.
43. **Shahid, A. A.**, Strange, R. N. and Riazuddin, S. (1999). Toxicity and solanapyrones comparison of culture filtrates among two isolates of *Ascochyta blight*. *Pakistan Journal of Phytopathology*, 11(1): 17-21. (HEC Category=Y)
44. Latif, Z., **Shahid, A. A.** and Riazuddin, S. (1998). Production of Phytotoxins in chickpea plants infected with *Ascochyta blight*. *Pakistan journal of Biochemistry and Molecular Biology*, 31:48-60.
45. **Shahid, A. A.**, Latif Z. and Riazuddin, S. (1998). Comparison of phytotoxin (s) production among two isolates of *Ascochyta blight* varying in virulence. *Pakistan Journal of plant Science*, 4 (1): 1-11.
46. Latif, Z., **Shahid, A. A.** and Riazuddin, S. (1995). Role of *Ascochyta blight* virulence factor in breeding resistance to chickpea. Proceeding of the forth International symposium workshop on the application of Molecular Biology Research in Agriculture, Health and Environment. CEMB, Lahore, Pakistan. 149-154.
47. Rahman, Z., **Shahid, A. A.** and Riazuddin, S. (1994). Plant Fungus Interaction: Chickpea Blight. *Pakistan Journal of Agricultural Research*, 15: 294-296. (HEC Category=Z)
48. **Shahid, A. A.** and Chohan, A.R. (1993). Effect of root-knot nematode, *Meloidogyne javanica* on nodulation and root growth of chickpea. *Punjab University Journal of Zoology*, 8: 69-70.
49. Latif, Z., **Shahid, A. A.**, Rahman, Z. and Riazuddin, S. (1991). Molecular and chemical basis of virulence in chickpea blight caused by *Ascochyta blight*. Proceeding of SAARC Symposium/Workshop on the Biological Control of Agriculturally Important Plant Pests held at Centre for Applied Molecular Biology, Canal Bank Road, Lahore, December 16-18, 1991.

50. **Shahid, A. A.,** Chohan, A.R. and Javaid, N. (1990). Response of different chickpea cultivars to root- knot nematode *Meloidogyne javanica*. Pakistan Journal of Zoology 22(3): 311-313. (Impact Factor = 0.145) (Citation 2)