

PUBLICATIONS OF DR. AHMAD ALI SHAHID (Shahid, A. A.)

INTERNATIONAL		
Sr. No.	PUBLICATIONS	Impact Factor
1.	Shahid A A , Salisu I B, Yaqoob A, Rao A Q, Ullah I, Husnain T. (2019) Assessing the fate of recombinant plant DNA in rabbit's tissues fed genetically modified cotton. Journal of Animal Physiology and Animal Nutrition. 00:1–9. https://doi.org/10.1111/jpn.13243	1.703
2.	Perveen, R., Shahid, A. A. , Shafique, M., Shehzad, M., & Akram, M. (2019). Kashmiris phylogenetic depictions through uniparental and biparental genetic markers. International journal of legal medicine, 1-2. https://doi.org/10.1007/s00414-019-02082-5	2.094
3.	Saleem, S., Shahid, A. A. , Shafique, M., Rubab, A., Javed, F., & Husnain, T. (2019). Phylogenetic analysis and haplotype diversity in Christian residents of Lahore, Pakistan, using 17 Y-chromosomal STR loci. International journal of legal medicine, 1-2. https://doi.org/10.1007/s00414-019-02030-3	2.094
4.	Zubair, M., Latif, A., Rao, A. Q., Azam, S., Shahid, N., Samiullah, T. R., Shahid, A. A. & Husnain, T. (2019). A Combinational Approach of Enhanced Methanol Production and Double Bt Genes for Broad Spectrum Insect Resistance in Transgenic Cotton. Molecular biotechnology, 1-11. 61: 663. https://doi.org/10.1007/s12033-019-00192-4	2.275
5.	Ali, M., Shahid, A. A. , & Subhani, M. N. (2019). Mapping and monitoring for the valuation of soil fungi and chili damping off. Journal of Animal and Plant Sciences, 29(3), 737-745.	0.52
6.	Shahid A A ; Haider T., Samiullah T R., Ali M A., Bajwa K S., Rao A Q., Salisu I B and Husnain, T. (2019). Risk Assessment of Transgenic Cotton Harboring <i>Bt</i> and Glyphosate Resistance Gene on Fish (<i>Labeo Rohita</i>). Journal of Animal and Plant Sciences, 29(6), 1761-1769.	0.52
7.	Ahmed, M., Akhtar, S., Fanglu, M., Hasan, M. M., Shahid, A. A. , Yanang, X. & Wang, X. (2019). Sucrose Synthase (SuSy) Gene Expression: An Indicator for Cotton Fiber Initiation and Early Development. Russian Journal of Plant Physiology, 1-9. 66: 41. https://doi.org/10.1134/S1021443719010023 .	0.940
8.	Yaqoob, A., Shahid, A. A. , Salisu, I. B., Azam, S., Ahmed, M., & Rao, A. Q. (2019). Effects of Cry toxins on non-target soil bacteria during a 2-year follow up study. Spanish Journal of Agricultural Research, 17(2), 0303.	1.00
9.	Shahid, A.A. , Azam M, Ali M, Nawaz K, Anees M. (2019). Genetic	

	Variation among the Penicillia Isolated From Citrus under Storage Condition et al., Journal of Plant Pathology and Microbiology, 10:2	
10.	Anwar, W; M A Javed, M A; Shahid, A A ; Nawaz, K; Akhter, A and MZ Rehman M Z (2019). Chitinase genes from Metarhizium anisopliae for the control of whitefly in cotton. Royal Society Open Science 6 (8), 190412.	2.52
11.	Latif A; Ahmed M; Akhtar S; Ahad A; Iqbal A; Yaqoob A; Imran A; Shahid A A ; Nasir I A; Rao A Q and Husnain T (2019). Cotton Fibre Quality Management for Sustainable Textile Industry. International Cotton Advisory Committee (ICAC) Recorder, 22-29.	
12.	Iftikhar, S., Shahid, A. A. , Nawaz, K., Zahid, A., Anwar, W., & Haider, M. S. (2018). First report of black pit of potato caused by <i>Alternaria alternata</i> in Pakistan. Plant Disease, 2, (102), 442.	3.192
13.	Nawaz K; Shahid A A ; Bengyella L; Subhani M N; Ali M; Anwar W; Iftikhar S and Ali S W (2018). Evidence of genetically diverse virulent mating types of Phytophthora Capsici from <i>Capsicum annum L.</i> World Journal of Microbiology and Biotechnology, 34:130, https://doi.org/10.1007/s11274-018-2511-y .	2.10
14.	Salisu I B, Shahid A A, Yaqoob A, Rao A Q, Husnain T. (2018). Effect of dietary supplementation of recombinant Cry and Cp4 epsps proteins on haematological indices of growing rabbits. Journal of Animal Physiology and Animal Nutrition.00:1–12. https://doi.org/10.1111/jpn.13016 .	1.607
15.	Nawaz K; Shahid A A ; Subhani M N; Iftikhar S; Anwar W.(2018). First report of leaf spot caused by Phytophthora capsici on chili pepper (<i>Capsicum frutescens L.</i>) in Pakistan. Journal of Plant Pathology, 100:127. https://doi.org/10.1007/s42161-018-0018-x	1.267
16.	Ahmad M. Shahid A.A , Din S, Akhtar S, Ahad A, Rao A.Q, Bajwa K.S, Khan MAU, Husnain T, (2018). An Overview of Genetic and Hormonal Control of Cotton Fiber Development. Pakistan Journal of Botany, 50(1): 433-443.	0.79
17.	Javed F; Sumbal S; Shafique M; Shahid A A ; Shahzadi A; Rani N; Javid H; Javed M, Gillani N and Husnain T (2018). Male individualization using 12 rapidly mutating Y-STRs in Araein ethnic group and shared paternal lineage of Pakistani population. International Journal of Legal Medicine, 132(6): 1621-1624.	2.382
18.	Nawaz K; Shahid A A ; Bengyella L; Subhani M N; Ali M; Anwar W; Iftikhar S and Ali S W (2018). Diversity of Trichoderma species in chili rhizosphere that promote vigor and antagonism against virulent Phytophthora capsici. Scientia Horticulturae, 239: 242-252.	1.624
19.	Zar M S; Shahid A A ; Shahzad M S; Shin K J; Lee H Y; Lee S S; Israr M; Wieg P; and Kulstein G (2018). Forensic SNP Genotyping with SNaPshot: Development of a Novel In-house SBE Multiplex SNP Assay. Journal of Forensic Sciences. doi: 10.1111/1556-4029.13783.	1.16

20.	Ahmed M; Shahid A A ; Akhtar S; Latif A; Din S; Fanglu M; Rao A Q; Sarwar M B; Husnain T and Xuede W (2018). Sucrose synthase genes: a way forward for cotton fiber improvement. <i>Biologia</i> , https://doi.org/10.2478/s11756-018-0078-6 .	0.9
21.	Anjum, N., Shahid, A. A. , Iftikhar, S., Nawaz, K., & Haider, M. S. (2018). First Report of Postharvest Fruit Rot of Tomato (<i>Lycopersicum esculentum</i> Mill.) Caused by <i>Penicillium olsonii</i> in Pakistan. <i>Plant disease</i> , 102(2), 451-451.	3.58
22.	Ahad A; Tahir S; Ali M A; Iqbal A; Ahmed M; Akhtar A; Nawaz R; Rao A Q ; Shahid A A ; Rahman Z U; Husnain T (2018). Functional prediction of F3'5'H in color alteration in cotton: an in-silico comparative analysis between cotton and viola. <i>International Journal of Biosciences</i> , 13(3):185-197.	0.5
23.	Salisu, I. B., Shahid, A. A. , Ali, Q., Rao, A. Q., & Husnain, T. (2018). Nutritional assessment of dietary Bt and CP4EPS proteins on the serum biochemical changes of rabbits at different developmental stages. <i>Frontiers in Nutrition</i> , 5, 49.	--
24.	Ahad, A., Yaqoob, A., Nawaz, R., Gul A., Shahid, N., Rehman sami ullah, T., Rao, A.Q., Shahid, A.A. and Hasnain, T., (2018). Multidimensional roles of Flavonoids in background of <i>Gossypium hirsutum</i> . <i>Cogent Food & Agriculture</i> , 4 (1):1-9.	--
25.	Salisu, I. B., Shahid, A. A. , Yaqoob, A., Ali, Q. A., Bajwa, K. S., Rao, A. Q., & Husnain, T. (2017). Molecular approaches for high throughput detection and quantification of genetically modified crops: A review. <i>Frontiers in Plant Science</i> , 8, 1670.	4.298
26.	Iftikhar, S., Shahid, A. A. , Halim, S. A., Wolters, P. J., Vleeshouwers, V. G., Khan, A. & Ahmad, S. (2017). Discovering Novel <i>Alternaria solani</i> Succinate Dehydrogenase Inhibitors by in Silico Modeling and Virtual Screening Strategies to Combat Early Blight. <i>Frontiers in chemistry</i> , 5, 100.	3.99
27.	Ahmad, A., Zia-Ur-Rehman, M., Hameed, U., Qayyum Rao, A., Ahad, A., Yasmeen, A. & Shahid, A. A. (2017). Engineered Disease Resistance in Cotton Using RNA-Interference to Knock down Cotton leaf curl Kokhran virus-Burewala and Cotton leaf curl Multan betasatellite Expression. <i>Viruses</i> , 9(9), 257.	3.64
28.	Shahid, A. A. , Nawaz, K., Iftikhar, S., Anwar, W and Subhani, M. N. (2017). New record of fruit rot of bitter gourd (<i>Momordica Charantia</i>) caused by <i>Phytophthora Palmivora</i> in Pakistan, <i>Plant Disease</i> , 101(7):1331.	3.192
29.	Shahid, A. A. , Ali, M., & Ali, S. (2017). First report of <i>Pythium debaryanum</i> causing chili damping off in Pakistan. <i>Plant Disease</i> , 101(2): 391.	3.192
30.	Shahid, A. A. , Iftikhar, S., Nawaz, K., Anwar, W and Ali, M. (2017). First report of <i>Alternari alternate</i> causing brown leaf spot of potato in	1.267

	Pakistan. <i>Journal of Plant Pathology</i> , 99(1): 287-304.	
31.	Perveen, R., Shahid, A. A. , Shafique, M., Shahzad, M., & Husnain, T. (2017). Genetic variations of 15 autosomal and 17 Y-STR markers in Sindhi population of Pakistan. <i>International Journal of Legal Medicine</i> , 1-2, DOI 10.1007/s00414-017-1544-3.	2.382
32.	Vyas, M., Raza, A., Ali, M. Y., Ashraf, M. A., Mansoor, S., Shahid, A. A. , & Brown, J. K. (2017). Knock down of whitefly gut gene expression and mortality by orally delivered gut gene-specific dsRNAs. <i>PloS one</i> , 12(1), e0168921.	2.806
33.	Iqbal, F., Sadique, S., Batool, F., Sarwar, M. B., Rashid, B., Shahid, M. N., Shahid, A. A & Husnain, T. (2017). Zinc finger transcription factor induces the drought, salt and cold stress tolerance in transgenic cotton. <i>Indian Journal of Biotechnology</i> , 16: 457-464.	0.289
34.	Shahid, N., Rao, A., Kristen, P., Ali, M., Tabassum, B., Umar, S., Tahir, S., Latif, A., Ahad, A., Shahid, A.A. , and Husnain, T. (2017). A concise review of poultry vaccination and future implementation of plant-based vaccines. <i>World's Poultry Science Journal</i> , pp.1-12.	1.03
35.	Anwar, W., Haider, M. S., Shahid, A. A. , Mushtaq, H., Hameed, U., Rehman, M.Z.U and Iqbal, M. J. (2017). Genetic diversity of Fusarium Isolated from Members of Sternorrhyncha (Hemiptera): Entomopathogens against Bemisia tabaci. <i>Pakistan Journal of Zoology</i> , 49(2):639-645.	0.491
36.	Ibrahim, A., Shahid, A. A. , & Ahmad, A. (2017). Evaluation of carrier materials to develop bacillus subtilis formulation to control root knot nematode infection and promote agro-economic traits in eggplant. <i>JAPS, Journal of Animal and Plant Sciences</i> , 27(4), 1321-1330.	0.422
37.	Shahid, A. A. (2017). A Novel approach to study relationship between Cotton leaf curl virus (CLCuV) and Beta satellites. <i>International Journal of Biotechnology & Bioengineering</i> , 3, 224-228.	---
38.	Shahid, A. A. , Ali, M., & Ali, S. (2017). First Report of Pythium debaryanum Causing Chili Damping Off in Pakistan. <i>Plant Disease</i> , 101(2), 391-391.	3.192
39.	Majeed, R.A., Shahid, A.A. , Saleem, M.Z., Asif, M., Zahid, M.A. and Haider, M.S. (2016). First Report of <i>Curvularia tuberculata</i> Causing Brown Leaf Spot of Rice in Punjab, Pakistan. <i>Plant Disease</i> , pp.PDIS-02, 100:08. P1791.	3.192
40.	Chaudary, T., Shahid, A. A. , Asif, M., Asghar, F., Majeed, R. A., Ali, M., & Anwar, W. (2016). First Report of <i>Curvularia lunata</i> Causing Leaf Spot Disease of Solanum melongena (Eggplant) In Lahore, Pakistan. <i>Plant Disease</i> , 100(11), 2326-2326.	3.192
41.	Iftikhar, S., Shahid, A. A. , & Ali, S. (2016). First report of <i>Curvularia lunata</i> var. aeria causing leaf blight on tomato in Pakistan. <i>Journal of</i>	1.038

	<i>Plant Pathology</i> , 98(1). P180	
42.	Nawaz K; Shahid A. A ; Subhani M. N; Anwar W and Aslam M (2016). First Report of <i>Pythium spinosum</i> Causing Root Rot of Chili (<i>Capsicum annuum</i>) in Pakistan. <i>Plant disease</i> , 100(2): 526, http://dx.doi.org/10.1094/PDIS-07-15-0745-PDN .	3.192
43.	Azam, M., Shahid, A. A. , Majeed, R. A., Ali, M., Ahmad, N., & Haider, M. S. (2016). First Report of <i>Penicillium biourgeianum</i> causing Post-Harvest Fruit Rot of Apple in Pakistan. <i>Plant Disease</i> , 100(8): 1778.	3.192
44.	Majeed, R. A., Shahid, A A. , Liaqat, G. A., Saleem, K., Asif, M., Shafiq, M., Haider, M. S & Noreen M. (2016). First Report of <i>Setosphaeria rostrata</i> Causing Brown Leaf Spots of Rice in Pakistan. <i>Plant Disease</i> , 100(10):2162, http://dx.doi.org/10.1094/PDIS-02-16-0220-PDN .	3.192
45.	Majeed R. A., Shahid A. A. , Ashfaq M., Saleem M and Haider, M. S. (2016). First Report of <i>Curvularia lunata</i> Causing Brown Leaf Spots of Rice in Punjab, Pakistan. <i>Plant disease</i> , 100(1): 219, http://dx.doi.org/10.1094/PDIS-05-15-0581-PDN .	3.192
46.	Yaqoob A; Shahid A A ; Samiullah T A; Rao A Q; Khan M Z U; Tahir S; Mirza S A and Husnain T(2016). Risk assessment of Bt crops on the non-target plant-associated insects and soil organisms. <i>Journal of the Science of the Food and Agriculture</i> . 96: 2613–2619.	2.076
47.	Israr M., Shahid A A. , Rakha A., Zar M S., Shahzadd M S., Rahman Z., Husnain T (2016). Baluchi and Pakhtun population data of 9 X-chromosomal short tandem repeat loci. <i>Journal of Forensic and Legal Medicine</i> , 37: 45-49.	0.870
48.	Shafique M; Shahzad M S; Rahman Z; Shan M A and Perveen R; Shahzad M; Hussain M; Shahid A A and Husnain T (2016). Development of new PCR multiplex system by the simultaneous detection of 10 miniSTRs, SE33, Penta E, Penta D, and four Y- STRs. <i>International Journal of Legal Medicine</i> . ISSN 0937-9827, DOI10.1007/s00414-016-1372-x.	2.714
49.	Shahid A A and Yaqoob A (2016). Bt Crops Prove Harmless for Non-Target Insects and Soil Organisms: A Risk Assessment Approach. Information systems for biotechnology, News report, March/April 2016, Page 5-8, www.isb.vt.edu .	---
50.	Khan T, Shahid A A and Khan H A A (2016). Could biorational insecticides be used in the management of aflatoxigenic <i>Aspergillus parasiticus</i> and its insect vectors in stored wheat? <i>Peer J</i> 4:e1665; DOI 10.7717/peerj.1665.	2.177
51.	Chaudary, T., Shahid, A A. , Asif, M., Asghar, F., Majeed, R. A., Ali, M., & Anwar, W. (2016). First Report of <i>Curvularia lunata</i> Causing Leaf Spot Disease of <i>Solanum melongena</i> (Eggplant) in Lahore, Pakistan. <i>Plant Disease</i> , 100(11): 2326.	3.192
52.	Ibrahim, A., Shahid, A. A. , Noreen, S., & Ahmad, A. (2016). Physiological changes against <i>Meloidogyne incognita</i> in Rhizobacterial	0.422

	treated eggplant under organic conditions. <i>Journal of animal and plant sciences</i> , 26(3), 805-813	
53.	Baig M. N., Shahid A A and Ali M (2015). In Vitro Assessment of Extracts of the Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (Higher Basidiomycetes) Against Different Plant Pathogenic Fungi. <i>International Journal of Medicinal Mushrooms</i> , 17(4): 407–411.	1.357
54.	Muzaffar A; Kiani S; Khan MAU; Rao AQ; Ali A; Awan MF; Iqbal A; Nasir IA; Shahid A A and Husnain T (2015) Chloroplast localization of Cry1Ac and Cry2A protein- an alternative way of insect control in Cotton. <i>Biological Research</i> 48(14): 1-11, DOI 10.1186/s40659-015-0005-z	1.20
55.	Shahid A. A. , Shaukat M. S., Bajwa K. S., Rao A. Q. and Husnain T (2015). Detection of Transgenes in Cotton (<i>Gossypiumhirsutum</i> L.) by Using Biotechnology/Molecular Biological Techniques. <i>International Journal of Biological, Food, Veterinary and Agricultural Engineering</i> Vol. 9(1): 87-92.	—
56.	Rahman M., Muhammad N., Shahid A. A. , Rao A. Q. and Husnain T. (2015). Field performance and biosafety studies of segregating generations of transgenicbasmati rice (<i>Oryza sativa</i> L.) containing multiple genes from <i>Bacillus thuringiensis</i> . <i>Biochemistry and Molecular Genetics</i> , 39-42.	—
57.	Latif A., Rao A Q., Khan M Z U., Shahid N., Bajwa K S., Ashraf M A., Abbas M A., Azam M., Shahid A A. , Nasir I A and Husnain T(2015). Herbicide-resistant cotton (<i>Gossypium hirsutum</i>) plants: an alternative way of manual weed removal. <i>BMC Research Notes</i> 8:453 DOI 10.1186/s13104-015-1397-0.	---
58.	Shanakht H., Shahid A. A. and Ali S. W. (2015). Characterization of fungal microbiota onrice grains from local markets of Lahore. <i>Journal of Hygienic Engineering and Design</i> , UDC 614.31:633.18-248.2(549).	—
59.	Puspito A N; RaoA Q; Hafeez M N; Iqbal M S;Bajwa K S; Ali Q; Rashid B; Abbas M A; Latif A; Shahid A A ; Nasir I A and Husnain T (2015). Transformation and Evaluation of Cry1Ac+Cry2A and GTGene in <i>Gossypium hirsutum</i> L. <i>Frontiers in Plant Science</i> , 6 (943): 1-13	4.495
60.	Ahmad A; Javed M R;RaoA Q; Khan M A U;AhadA; Din S; Shahid A A and Husnain T (2015). In-Silico Determination of Insecticidal Potential of Vip3Aa-Cry1Ac Fusion Protein Against Lepidopteran Targets Using Molecular Docking. <i>Frontiers in Plant Science</i> , 6 (1081): 1-8.	4.495
61.	Khan M A U; Shahid A A ; Rao A Q; Azam S; Ahmad A; Ahmad Mand HusnainT(2015). Comparison of different species of cotton for the transmission of CLCuV through whitefly. <i>Mycopath</i> , 13(1): 57-66.	---

62.	Shafique M., Shahzad M. S., Perveen U., Parveen R., Ali A., Hussain M., Rehman Z., Shahid A. A. and Husnain T. (2015). Allele frequency distribution of 10 MiniSTRs in the Pashtun population of Pakistan. <i>International Journal of Legal Medicine</i> , 129:467–468.	2.597
63.	Khan M A U; Shahid A A. , Rao A Q, Bajwa K S, Samiullah T R, Muzaffar A, Nasir I A, Husnain T (2015). Molecular and Biochemical Characterization of Cotton Epicuticular Wax in Defense Against Cotton Leaf Curl Disease. <i>Iranian Journal of Biotechnology</i> , 13(4): 3-9.	0.309
64.	Bajwa K S., Shahid A A. , Rao A Q., Bashir A., Aftab A., Husnain T (2015). Stable transformation and expression of GhEXPA8 fiber expansin gene to improve fiber length and micronaire value in cotton. <i>Frontiers in Plant Science</i> . 1-13	4.495
65.	Rao A Q; Khan M Z U; Shahid N; Din S; Gul A; Muzaffar A; Azam S; Samiullah T R; Batool F; Shahid A A ; Nasir I A and Husnain T (2015). An overview of Phytochrome: An important light switch and photo-sensory antenna for regulation of vital functioning of plants. <i>Biologia</i> , 70(10): 1273-1283.	0.719
66.	Adnan, M., Shahid, A. A. , Ali, M., & Haider, A. (2015). Infestation of <i>Parthenium hysterophorus</i> in district Sialkot: a case study. <i>Journal of Crop and Weed</i> , 11(2), 161-167.	----
67.	Ashraf, M.A.; Shahid, A. A ; Rao, A.Q; Bajwa, K.S.; Husnain, T. (2014). Functional Characterization of a Bidirectional Plant Promoter from Cotton Leaf Curl Burewala Virus Using an Agrobacterium-Mediated Transient Assay. <i>Viruses</i> .6: 223-242.	3.042
68.	Mahmood R; Naseer M; Shahid A A ; Usmani A and Ali A. (2014). Screening of indigenous weed extracts against <i>Fusarium solani</i> with an emphasis to soil fertility-related microbial activities. <i>Journal of Food, Agriculture & Environment</i> Vol.12 (2): 9 5 8 - 9 6 2.	0.435
69.	Israr M; Shahid A A ; Rahman Z, Zar M S; Shahzad M S; Husnain T; Pfeifer C and Wiegand P.(2014) Development and characterization of a new 12-plex ChrXminiSTR system. <i>International Journal of Legal Medicine</i> . DOI 10.1007/s00414-014-1009-x	2.38
70.	Zar M S ; Shahid A A ; Shahzada M S; Shinb K J; Leeb H Y; Israrc M and Husnain T. (2014). Comparative study of STR loci for typing old skeletal remains with modified protocols of AmpFISTR Identifiler and AmpFISTR MiniFiler STR Kits. <i>Australian Journal of Forensic Sciences</i> , DOI:10:1080/00450618.2014.925976.	0.833

71.	Israr M; Rafiq S; Shahid A A ; H Haroon and Rakha A. (2014). Scope of X-Chromosomal MiniSTRs: Current Developments. Journal of Forensic Research 5:5, http://dx.doi.org/10.4172/2157-7145.1000241	—
72.	Bajwa, K S; Shahid, A A ; Rao A Q; Dahaba A A; Muzaffara, A; Rehmana, H; Ahmad, M; Shaukat, M S; Gul A; Ahad, A and Hussnain T .(2014). Genetic transformation in cotton (<i>Gossypium hirsutum</i> L.) using marker genes. Advanced Crop Science, 4(1) 1–11.	—
73.	Hussain T; Baksh A; Munir B; Hassan S; Rao A Q; Shahid AA ; Rashid B and Husnain T. (2014). Mendelian segregation pattern and expression studies of insecticidal gene (<i>cry1Ac</i>) in insect resistant cotton progeny. Emir. Journal of Food and Agriculture. 26 (8): 706-715.	—
74.	Husnain H; Shahid A A ; Haq M I; Ali A; Muhammed U; Anam U (2014). Efficacy of Entomopathogenic Fungi as Biological Control agent against insect pests of <i>Gossypium hirsutum</i> . Journal of Natural Sciences Research, 4(5): 68-73.	—
75.	Shahid A A ; Shahbaz M; Ali M. (2014). A Comparative Study of the Commercially Available Fungicides to Control Sheath Blight of Rice in Lahore. Journal of Biology, Agriculture and Healthcare, 4(20): 185-188.	-
76.	Ali M; Shahid A A and Haider A (2014). A Contribution to the Previous Study for Genus <i>Amanita</i> from Ayubia National Park, Pakistan. Journal of Biology, Agriculture and Healthcare, 4 (27): 246-247.	-
77.	Iftikhar S; Shahid A A ; Javed S; Nasir I A; Tabassum B and Haider M S. (2013). Essential oils and latices as novel antiviral agent against potato leaf roll virus and analysis of their phytochemical constituents responsible for antiviral activity, Journal of Agricultural Science. 5 (7): 167-188.	1.013
78.	Manzoor M T ; Ilyas M ; Shafiq M ; Haider M S ; Shahid A A and Briddon R W. (2014). A distinct strain of chickpea chlorotic dwarf virus (genus <i>Mastrevirus</i> , family <i>Geminiviridae</i>) identified in cotton plants affected by leaf curl disease. Archives of Virology. 159(5); 1217-1221.	2.255
79.	Rao, A.Q; Bajwa K. S;Puspito,A.N; Khan ,M.Z.U; Abbas,M..A; Rehman M; Bakhsh, A; Shahid, A. A ; Nasir I. A and Husnain, T (2013). Variation in Expression of Phytochrome B Gene in Cotton (<i>Gossypiumhirsutum</i> L.). Journal of Agricultural Science and Technology. 15: 1033-1042.	0.817
80.	Basu M M; González-Carranza Z H; Ali S A; Tang S; Shahid A A ; and Roberts J A (2013). The Manipulation of auxin in the abscission zone cells of arabidopsis flowers reveals that indoleacetic acid signaling is a prerequisite for organ shedding. Plant Physiology. 162: 96–106.	6.280

81.	Bajwa K S; Shahid A A ; Rao, A Q; Kiani M S; Ashraf, M A; Dahab, A A; Bakhsh, A; Latif, A; Khan, M A U; Puspito, A U; Aftab, A; Bashir, A and Husnain, T. (2013). Expression of Calotropis procera expansin gene CpEXPA3 enhances cotton fibre strength. Australian Journal of Crop Sciences. 7(2):206-212.	1.60
82.	Ashraf M A, Shahid A A , Mohamed B B, Dahab A A, Bajwa K S, Rao A Q, Khan M A U, Ilyas M, Haider M S and Husnain T (2013). Molecular characterization and phylogenetic analysis of a variant of highly infectious cotton leaf curl Burewala virus associated with CLCuD from Pakistan. Australian Journal of Crop Sciences. 7(8):1113-1122.	1.60
83.	Ilyas M; Nawaz. K; Shafiq M; Haider M S and Shahid A A . (2013). Complete nucleotide sequences of two begomoviruses infecting Madagascar periwinkle (Catharanthus roseus) from Pakistan. Archives of Virology. 158(2):505-510.	2.255
84.	Kiani S; Mohamed B B; Shehzad K; Jamal A; Shahid M N; Shahid A A and Husnain T. (2013). Chloroplast-targeted expression of recombinant crystal-protein gene in cotton: An unconventional combat with resistant pests. Journal of Biotechnology. 166:88-96.	2.670
85.	Kiani S; Ali A; Bajwa K S; Muzaffar A; Ashraf M A; Samiullah T R; Shahid A A and Hosnanin T. (2013). Cloning and chloroplast-targeted expression studies of insect-resistant gene with ricin fusion-gene under chloroplast transit peptide in cotton. Electronic Journal of Biotechnology. 16(6); ISSN: 0717-3458. DOI: 10.2225	1.403
86.	Dahab A A; Saeed M; Mohamed B B; Ashraf M A; Puspito A N; Bajwa K S; Shahid A A and Husnain T. (2013). Genetic diversity assessment of cotton (Gossypium hirsutum L.) genotypes from Pakistan using simple sequence repeat markers. Australian Journal of Crop Sciences, 7(2):261-267.	1.60
87.	Zar M S; Shahid A A ; Shahzad M S; Shin K J; Lee H Y; Israr M; Kim E H; Rahman Z and Husnain T. (2013). Forensic DNA Typing of Old Skeletal Remains Using AmpFISTR® Identifiler® PCR Amplification Kit. Journal of Forensic Research, 5(1). http://dx.doi.org/10.4172/2157-7145.1000211 .	0.18
88.	Zar S M; Shahid, A. A. ; and Shahzad, S.M. (2013). An Overview of Crimes, Terrorism and DNA Forensics in Pakistan. Journal of Forensic Research, 4(4). http://dx.doi.org/10.4172/2157-7145.1000201 .	0.18
89.	Zar S M, Ali S and Shahid A A (2013). The influence of carbon and nitrogen supplementation on alpha amylase productivity of Bacillus amyloliquefaciens IIB-14 using fuzzy-logic and two factorial design. African Journal of Microbiology Research. 7(2): 120-129.	—

90.	González-Carranza Z. H; Shahid, A. A ; Zhang L; Yang L; Ninsuwan U and Roberts J A. (2012). A novel approach to dissect the abscission process in Arabidopsis. <i>Plant Physiology</i> . 160:1342-1356.	6.280
91.	Afzal M; Shahid A A ; Shehzadi A; Nadeem S and Husnain T. (2012). RDNAnalyzer: A tool for DNA secondary structure prediction and sequence analysis. <i>Bioinformatics</i> , 8(14): 687-690.	1.150
92.	Israr, M; Shahid, A. A ; Rahman, Z; Shahzad, M S; Ullah,O. and Husnain, T. (2012). Punjabi population data for seven X-chromosome short tandems repeat (X-STR) loci using a new miniplex system. <i>African Journal of Biotechnology</i> , 11(46): 10513-10516.	----
93.	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. <i>African Journal of Microbiology Research</i> , 6(15): 3651-3655.	----
94.	Shahid, A.A. , Rao A.Q., Bakhsh, A and Husnain, T (2012). Entomopathogenic Fungi as Biological Controllers: New Insights into their Virulence and Pathogensicity, <i>Archives of Biological Sciences</i> , Belgrade, 64 (1): 21-42.	0.367
95.	Javed S., Shahid A. A. , Muhammad, H. S., Umeera, A., Ahmad, R. and Mushtaq. S. (2012). Nutritional, Phytochemical Potential and Pharamacological evaluation of Nigella Sativa (Kalonji) &Trachyspermum Ammi (Ajwain). <i>Journal of Medicinal Plant Research</i> , 6(5): 786-775.	0.879
96.	Bakhsh A, Rao AQ, Khan G.A., Rashid B, Shahid A A and Husnain T (2012). Insect Resistance Studies of Transgenic Cotton Cultivar Harboring cry1Ac and cry2A. <i>Tarım Bilimleri Araştırma Dergisi</i> 5 (2): 167-171. (Citation 3)	—
97.	Rahman M., Muhammad N., Shahid A. A. and Husnain T. (2012). Allelopathic effects of transgenic rice having cry1Ac and cry2A genes on seed germination of wheat and chickpea crops. <i>New Horizons in Science & Technology (NHS&T)</i> , 1(3):71-75.	1.303
98.	Rahman M., Muhammad N., Shahid A. A. and Husnain T. (2012). Elite transgenic lines of basmati-370 revealed high level of lodgingresistance under field conditions. <i>Pure Applied Biology</i> . 1(2): 22-27.	—
99.	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. <i>The Journal of Animal & Plant Sciences</i> , 22(4): 1004-1013.	0.422
100.	Khan M A U., Shahid A.A. , Rao A.Q and Husnain, T (2011). Role of Epicuticular Waxes in the Susceptibility of Gossypium arboretum cotton. <i>African Journal of Biotechnology</i> , 10(77): 17868-17874.	----

101.	Bakhsh A., Aasim M., Rao A.Q., Shahid A A. , Khawar K.M., Ozcan S., and Husnain T (2011) Paradigms of biotechnology in Pakistan Abstract published in Current Opinion in Biotechnology 85, 22S: S15–S152.	—
102.	Muhammad, N., Rahman, M., Shahid, A. A. , Husnain, T and Riazuddin S. (2010) Risk Assessment and Biosafety Studies of Transgenic Bt Rice (<i>Oryza sativa</i> L.), Journal of Agricultural Science and Technology-Iran , 4(4) 29:1-9.	0.816
103.	Shahid, A. A. , Chaudhry, B., Rehman, M. and Riazuddin, S. (2009). Detection of anti-fungal genes in chickpea (<i>Cicerarietinum</i> L.) and their effects on fungal growth. Emirates Journal of Food and Agriculture, 21 (2): 34-41.	—
104.	Shahid, A. A. , Husnain, T and Riazuddin, S. (2008). Ascochyta blight of chickpea: Production of phytotoxins and disease management. Biotechnology Advances, Netherland 26: 511-515.	9.848
105.	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 <i>Bacillus thuringiensis</i> . Electronic Journal of Biotechnology. ISSN: 0717-3458, 10(2): 240-251.	1.403
106.	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 (<i>Gossypium</i> spp.). Journal of Zhejiang University Science B, 7(4): 291-298.	1.303
107.	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 Sindh and NWFP Populations of Pakistan for Forensic use. <i>Archiwum Medycyny Sadowej i Kryminologii</i> , Poland. 4: 215-22.	2.052
108.	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. <i>Pakistan Journal of Zoology</i> , 23: 167-174.	0.478
109.	Shahid.A. A. and Riazuddin, S. (1999). Isolation of bacteria possessing antifungal activities against <i>Ascochyta rabiei</i> , a chickpea fungus. <i>International Chickpea and Pigeon pea Newsletter</i> , 6:16-17.	—
110.	Shahid, A. A. and Riazuddin, S. (1998). Presence of Solanapyrone C in blight infected chickpea plants. <i>International Chickpea and Pigeon pea Newsletter</i> , 5:15-16.	—

111.	Javed, N. Chohan, A.R. and Shahid, A. A. (1989). Evaluation of various nematicides against root-knot nematode, <i>Meloidogyne Javanica</i> on tomato, International Nematology Network Newsletter 6(3): 34-36.	—
112.	Shahid, A. A. , Chohan, A.R. and Javaid, N. (1990). Response of different chickpea cultivars to root- knot nematode <i>Meloidogyne javanica</i> . Pakistan Journal of Zoology 22(3): 311-313.	0.478
	Total Impact Factor	170.01

NATIONAL

113.	Jabeen, F., Ahmed, M., Ahmed, F., Sarwar, M. B., Akhtar, S., & Shahid, A. A. (2017). Characterization of cypermethrin degrading bacteria: A hidden micro flora for biogeochemical cycling of xenobiotics. Advancements in Life Sciences, 4(3), 97-107.	HEC Category=Y
114.	Ali, M., Shahid, A. A. , & Haider, M. S. (2016). Isolation and in-vitro screening of potential antagonistic rhizobacteria against pythium debaryanum. Pakistan Journal of Phytopathology, 28(2), 231-240.	HEC Category=Y
115.	Anwar, W., Subhani, M. N., Haider, M. S., Shahid, A. A. , Mushatq, H., Rehman, M. Z., & Javed, S. (2016). First record of Trichoderma longibrachiatum as entomopathogenic fungi against Bemisia tabaci in Pakistan. Pakistan Journal of Phytopathology, 28(2), 287-294.	HEC Category=Y
116.	Shahid A A ; Bano S; Khalid S; Samiullah T R; Bajwa K S and Ali M A. (2016) Biosafety assessment of transgenic Bt cotton on model animals. Advancement in Life Sciences, 3(3): 97- 108	HEC Category=Y
117.	Shahid A A ; Umer M; Ali M and Haq M I (2016). Screening and Application of Rhizobacterial Isolates as Biological Control Agent against Charcoal Rot of Chillies. Science International (Lahore): 28(2), 1243-1251	HEC Category=Y
118.	Jafri I., Shahid A. A. , Ibrahim A. and Atif M. (2015). Efficacy of different bacterial strains against <i>Meloidogyne incognita</i> . Pakistan Journal of Nematology, Vol. 33(1): 39-46.	HEC Category=Y
119.	Khan M. A. U., Shahid A. A. , Rao A. Q., Shahid N., Latif A., Din S. and Husnain T. (2015). Defense strategies of cotton against whitefly transmitted CLCuV and Begomoviruses. Advancements in Life Sciences, Vol.	HEC Category=Y

	2(2): 58-66.	
120.	Anwar W; Salik Nawaz Khan S N; Aslam M; Haider M S, Shahid A A and Ali M (2015). Exploring fungal flora associated with insects of cotton agro ecological zones of punjab, Pakistan. Pakistan Entomologist, 37(1):27-31.	HEC Category=Y
121.	Khan M A U; Shahid A A ; Rao A Q; Azam S; Ahmad A; Ahmad Mand Husnain T(2015). Comparison of different species of cotton for the transmission of CLCuV through whitefly. Mycopath, 13(1): 57-66.	
122.	Akhtar S; Shahid A A ; Rao A Q; Bajwa K S; Muzaffar A; Lateef A and Husnain T (2014). Genetic effects of Calotropis procera CpTIP1 gene on fiber quality in cotton (<i>Gossypium hirsutum</i>). Advancements in Life Sciences, 1(4): 223-230.	HEC Category=Y
123.	Imran M; Shahid A A ; Samiullah T R ; Bajwa K S; Rao A Q and Husnain T.(2013).Evaluation of potential impact of GM cotton on chicks. Mycopath 11(2):109-117.	—
124.	Ibrahim A and Shahid A A (2013). Biological Control of Brinjal (<i>Solanum Melongena</i>) Nematodes (<i>Meloidogyne Incognita</i>) and Their Effect on the Growth of the Vegetable. International Journal of Agrriculture and Applied Sciences, 5 (1):53-56.	—
125.	Azam S; Samiullah T R; Yasmeen A; Salah ud Din; Iqbal A; Rao A Q; Nasir I A; Rashid B; Shahid A A ; Ahmad M and Husnain T (2013). Dissemination of Bt cotton in cotton growing belt of Pakistan. Advancements in Life Sciences, 1(1): 18-26.	—
126.	Ibrahim A., Shahid A. A. , Shafiq M and Haider M. S. (2012). Management of root knot nematodes on the turnip plant (<i>brassica rapa</i>) by using fungus (<i>trichodermaharzianum</i>) and neem(<i>azadirachta indica</i>) and effect on the growth rate. Pakistan Journal of Phytopathology. 24(2): 101-105.	HEC Category= Y
127.	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 (<i>Cry1Ac&Cry2A</i>) in Cotton. Australian Journal of Basic and Applied Sciences, 4(1): 37-44.	—

128.	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 <i>Cry1Ac</i> and <i>Cry2A</i> Genes. American-Eurasian J. Agric. & Environ. Sci., 6 (1): 01-11.	—
129.	Shahid, A. A. , Chaudhry, B. and Riazuddin S. (2003). Pathogenicity of Entomopathogenous fungi <i>Metarhizium. anisopliae</i> on <i>Heliothisarmigera</i> and <i>Bemisiatabaci</i> . Pakistan Journal of Phytopathology 15(1-2): 33-36.	HEC Category= Y
130.	Shahid, A. A. , Sattar, A., Chaudhry, B. and Riazuddin S. (2003). Determination of Protein Virulemce Factors and Pathogenicity of Entomopathogenic Fungi. Pakistan Journal of Biochemistry and Molecular Biology, 36(2): 100-107.	—
131.	Husnain, T., Bokhari, S.M., Riaz, N., Fatima, T., Shahid, A.A. , Bashir, K., Jan, A. and Riazuddin, S. (2003). Pesticidal Genes of <i>Bacillus thuringienesis</i> in Transgenic Rice Technology to Breed Insect Resistance. Pakistan Journal of Biochemistry and Molecular Biology, 36(3): 133-142.	—
132.	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 (<i>Oryza sativa</i>). Asian journal of Plant Sciences 2(15-16): 1079-1082.	—
133.	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 (<i>Pierisbrassicae</i>) in cauliflower crop. Pakistan Journal of Biological Sciences 5(10): 1041-1043.	—
134.	Shahid, A. A. and Riazuddin, S. (2000). Chickpea blight caused by <i>Ascochytarabiei</i> and Isolation of phytotoxic compounds from culture filtrates of fungus. Pakistan Journal of Biochemistry and Molecular Biology, 33: 3-7.	—
135.	Shahid, A. A. , Strange, R. N. and Riazuddin, S. (1999). Toxicity and solanapyrones comparison of culture filtrates among two isolates of <i>Ascochytarabiei</i> . Pakistan Journal of Phytopathology, 11(1): 17-21.	HEC Category= Y
136.	Latif, Z., Shahid, A. A. and Riazuddin, S. (1998). Production of Phytotoxins in chickpea plants infected with <i>Ascochytarabiei</i> . Pakistan journal of Biochemistry and Molecular Biology, 31:48-60.	—

137.	Shahid, A. A. , Latif Z. and Riazuddin, S. (1998). Comparison of phytotoxin (s) production among two isolates of <i>Ascochyta rabiei</i> varying in virulence. Pakistan Journal of plant Science, 4 (1): 1-11.	—
138.	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
139.	Shahid, A. A. and Chohan, A.R. (1993). Effect of root-knot nematode, <i>Meloidogyne javanica</i> on nodulation and root growth of chickpea. Punjab University Journal of Zoology, 8: 69-70.	—