

## List of Publications

1. Afridi, S.G., Irfan, M., Ahmad, H., Aslam, M., Nawaz, M., Ilyas, M. and Khan, A., 2018. Population genetic structure of domain I of apical membrane antigen-1 in *Plasmodium falciparum* isolates from Hazara division of Pakistan. *Malaria Journal*. 17(1).389. (**Impact Factor 3.109**).
2. Rahat, M.A., Ahmed, H., Khan, M.I., Rauf, A., Ali, A., Kalim, M. and Khan, H., 2018. Incidence of Anti HbsAg and HCV in the Young Orphans of District Nowshera, Khyber Pakhtunkhwa, Pakistan. *International Journal of Molecular Microbiology*. 1(2), pp.51-55.
3. Barkatullah., M. Khan, **H. Ahmad**, M. S. Khan and A. Razzaq. 2018. Ethnobotanical Indices Based Ethnoveterinary Plant Profile of Jabban Hills, Malakand and Hindukush Range, Pakistan. *Pak. J. Bot.* 50(5).1901-1906. (**Impact Factor 0.849**).
4. Irfan, M., H. Khan, M. Faiz, R. Khan, H. Ahmad, N. Y. Sheikh , S. Khan, Nabeela, M. Kamil , M. Ilyas, S. Ullah, M. Ishaq. 2018. Taxonomic studies of pennate diatoms from Tehsil Landikotal, District Khyber, Khyber Pakhtunkhwa, Pakistan. *Int. J. Biosci.* 13. (4). 128-138(**Impact Factor 0.553**).
5. Majeed, A., Z. Muhammad, S. Islam and **H. Ahmad**. 2018. Salinity imposed stress on principal cereal crops and employing seed priming as a sustainable management approach. *Acta Ecologica Sinica*.
6. Shah Hussain, M.U., Najam-ul-Sehar Afshan, H.A. and Junaid Khan, A.N.K., 2018. The genus *Coprinellus* (Basidiomycota; Agaricales) in Pakistan with the description of four new species. *MycoKeys*. (39), p.41. (**Impact Factor 1.846**).
7. Majeed, A., Muhammad, Z. and Ahmad, H., 2018. Plant growth promoting bacteria: role in soil improvement, abiotic and biotic stress management of crops. *Plant cell reports*. 1-11. (**Impact Factor 3.071**).
8. Afza, R., Ahmad, H., Saqib, Z., Marwat, K.B. and Khan, J., 2018. Spatial Analysis of Vascular Flora of Ayubia National Park, Kpk, Pakistan: A Classical Example of Moist Temperate Himalaya. *Pak. J. Bot.* 50(4).1499-1508. (**Impact Factor 0.849**).
9. Saeed, N., M. S. Khan, H. Ahmad, M. Abdullah and M. Shah. *Pakistan Journal of Zoology*. DOI: [10.17582/journal.pjz/2018.50.4.sc8](https://doi.org/10.17582/journal.pjz/2018.50.4.sc8) (**Impact Factor 0.547**).
10. de Barros Damgaard, P., R. Martiniano, J. Kamm, J. V. Moreno-Mayar, G. Kroonen, M. Peyrot, G. Barjamovic, S. Rasmussen, C. Zacho, N. Baimukhanov and V. Zaibert, V. Merz, A. Biddanda, I. Merz, V. Loman, V. Evdokimov, E. Usmanova, B. Hemphill, A. Aseguin-Orlando, F. E. Yediay, I. Ullah, K. Sjögren, K. H. Iversen, J. Choin, C. de la Fuente, M. Ilardo, H. Schroeder, V. Moiseyev, A. Gromov, A. S. Polyakov, S. Y. Omura, **H. Ahmad**, C. McKenzie., et al., 2018 The first horse herders and the impact of early Bronze Age steppe expansions into Asia. *Science*. Eaar. 7711. DOI: [10.1126/science.aar7711](https://doi.org/10.1126/science.aar7711). (**Impact Factor 37.205**).
11. Hussain, S., **H. Ahmad**, S. Ullah, N. U. S. Afshan, D. H. Pfister, H. Sher, H. Ali and A. N. Khalid. 2018. The genus *Parasola* in Pakistan with the description of two new species. *MycoK*. (30): 41. doi: [10.3897/mycokeys.30.21430](https://doi.org/10.3897/mycokeys.30.21430) (**Impact Factor 1.846**).
12. Iqbal, M., S. M. Khan, M. A. Khan, Z. Ahmad and **H. Ahmad**. 2018. A novel approach to phytosociological classification of weeds flora of an agro-ecological system through Cluster, Two Way Cluster and Indicator Species Analyses. *Ecol. Indic.* 84: 590-606. <https://doi.org/10.1016/j.ecolind.2017.09.023> (**Impact Factor 3.898**).
13. Khan, M. I., S. Choi, M. Zahid, **H. Ahmad**, R. Ali, M. Jelani and C. Kang. 2018. Whole-exome sequencing analysis reveals co-segregation of a COL20A1 missense mutation in a

- Pakistani family with striate palmoplantar keratoderma. *Genes & Genomics*. 1-7. (**Impact Factor 0.566**).
14. Majeed, A., Muhammad, Z. and **H. Ahmad**. 2018. Evaluation of foliar and stem susceptibility of three cultivated Solanaceous crops to *Phytophthora infestans*. *J. of Plant Path.* 1-3. (**Impact Factor 1.267**).
  15. Nadeem, M. S., **H. Ahmad**, K. Mohammed, K. Muhammad, I. Ullah, O. A. Baothman, N. Ali, F. Anwar, M. A. Zamzami and A. R. Shakoori. 2018. Identification of variants in the mitochondrial lysine-tRNA (MT-TK) gene in myoclonic epilepsy – pathogenicity evaluation and structural characterization by in silico approach. *J. of cell. Bioch.* (**Impact Factor 3.446**).
  16. Shah, H., S. Jabeen, A. N. Khalid, **H. Ahmad**, N. U. S. Afshan, Sher, H. and D. H. Pfister. 2018. Underexplored regions of Pakistan yield five new species of *Leucoagaricus*. *Mycologia*. (just-accepted). <https://doi.org/10.1080/00275514.2018.1439651> (**Impact Factor 2.471**).
  17. Rabia, A., **H. Ahmad**, Z. Saqib, K. B. Marwat and J. Khan. 2018. Spatial analysis of vascular flora of Ayubia National Park, KPK, Pakistan: A classical example of moist temperate Himalaya. *Pak. J. of Botany*. 50(4):1499-1508. (**Impact Factor 0.849**).
  18. Ullah, Z., S. Jabeen, **H. Ahmad** and A. N. Khalid. 2018. *Inocybe Pakistanensis*, a new species in section *Rimosae* s. str. from Pakistan. *Phytotaxa*. 348 (4): 279-288. DOI: <http://dx.doi.org/10.11646/phytotaxa.348.4.4> (**Impact Factor 1.797**).
  19. Khan, K. U., M. Shah, **H. Ahmad**, S. M. Khan, I. U. Rahman, Z. Iqbal, R. Khan, E. F. Abd Allah, A. A. Alqarawi, A. Hashem and A. Aldubise. 2018. Exploration and local utilization of medicinal vegetation naturally grown in the Deusai plateau of Gilgit, Pakistan. *Saudi. J. of Biol. Sci.* (**Impact Factor 2.564**).
  20. Iqbal, M., S. M. Khan, M. A. Khan, Z. Ahmad and **H. Ahmad**. 2018. A novel approach to phytosociological classification of weeds flora of an agro-ecological system through Cluster, Two Way Cluster and Indicator Species Analyses. *Ecol. Indic.* 84: 590-606. <https://doi.org/10.1016/j.ecolind.2017.09.023> (**Impact Factor 3.898**).
  21. Alkhiary, Y. M., A. Ramzan, M. Ilyas, U. Khan, A. Nasir, M. I. Khan, **H. Ahmad** and M. Jelani. 2017. WES analysis identifies a missense variant in COL1A2 gene which causes osteogenesis imperfecta type IV in a family from Saudi Arabia. *J. Musculoskelet Surg Res.* 1:33-8. DOI: 10.4103/jmsr.jmsr 3 17 (**Impact Factor 1.81**).
  22. Hussain, S., N. Afshan, **H. Ahmad**, H. Sher and A. N. Khalid. 2017. *Xanthagaricus pakistanicus* sp. nov. (Agaricaceae): first report of the genus from Pakistan. *Turk J. Bot.* 41: DOI:10.3906/bot-1705-21 (**Impact Factor 1.6**).
  23. Kalim, M., **H. Ahmad**, A. Rauf, S. Nadeem, M. A. Rahat and S. U. Din. 2017. Incidence of HBV and HCV in Young Orphan Students of Swat. *PSM Biol. Res.* 2(3): 128-132.
  24. Haq, F., **H. Ahmad**, Z. Iqbal, M. Alam and A. Aksoy. 2017. Multivariate approach to the classification and ordination of the forest ecosystem of Nandiar valley western Himalayas. *Ecol. Indi.* 80: 232-241. <https://doi.org/10.1016/j.ecolind.2017.05.047> (**Impact Factor 3.898**).
  25. Ahmad, W., K. Muhammad, A. Hussain, **H. Ahmad**, K. Kahn, I. A. Qarshi, K. I. Shinwari, M. S. Nadeem, Y. Que, A. Khan and J. Iqbal. 2017. DNA Fingerprinting of Essential Commercialized Medicinal Plants from Pakistan. *Amer. J. of Plant Sci.* 8(09): p.2119. DOI: 10.4236/ajps.2017.89142 (**Impact Factor 1.14**).

26. Majeed, A., Z. Muhammad, M. Hussain and **H. Ahmad**. 2017. In vitro allelopathic effect of aqueous extracts of sugarcane on germination parameters of wheat. *Acta agricult. Slov.* 109(2): pp. 349-356. DOI:10.14720/aas.2017.109.2.18 (**Impact Factor 0.44**).
27. Khan, K. U., M. Shah, **H. Ahmad**, S. M. Khan, I. U. Rahman, Z. Iqbal, R. Khan, E. F. Abd\_Allah, A. A. Alqarawi, A. Hashem and A. Aldubise. 2017. Exploration and local utilization of medicinal vegetation naturally grown in the Deusai plateau of Gilgit, Pakistan. *Saud J. of Bio. Sci.* <https://doi.org/10.1016/j.sjbs.2017.07.012> (**Impact Factor 2.564**).
28. Shah, M., M. S. Khan, M. A. Rafi, **H. Ahmed** and J. M. Carpenter. 2017. Phylogenetic Reconstruction of *Ropalida brevitata* (Vespidae: Polistinae) using 12S rRNA and Cytochrome Oxidase 1 (Co1) Genes. *Pak. J. Zool.* 49(4):1535-1537. DOI: <http://dx.doi.org/10.17582/journal.pjz/2017.49.4.sc10> (**Impact Factor 0.491**).
29. Mehmood, M., A. H. Shah, S. M. Khan, I. Rahman and **H. Ahmad**. 2017. Floristic List and Indigenous Uses of Poaceae Family in District Tor Ghar, Khyber Pakhtunkhwa, Pakistan. *J. Appl. Environ. Biol. Sci.* 7(6):169-177.
30. Majeed, A., Z. Muhammad and **H. Ahmad**. 2017. Allelopathic effects of leaf extracts of three agroforestry trees on germination and early seedling growth of wheat (*Triticum aestivum* L.). *Azarian J. Agric.* (4) 3: 69-73. (**Impact Factor 0.435**).
31. Nouroz, F., S. Noreen, **H. Ahmad** and J. P. Heslop-Harrison. 2017. The landscape and structural diversity of LTR retrotransposons in *Musa* genome. *Mol. Genet. and Genomics.* 1-17. DOI:10.1007/s00438-017-1333-1 (**Impact Factor 2.979**).
32. Ishaq, A., M. Fiaz, A. N. Khalid and **H. Ahmad**. 2017. *Urocystis narcissi*, a new record from Asia. *Mycotaxon.* 132(1): 231-234. DOI: <https://doi.org/10.5248/132.231> (**Impact Factor 0.705**).
33. Ahmad, A., F. Hadi, **H. Ahmad**, A. U. Jan, K. Rahman and S. Ahmad. 2017. Salinity in soil increased cadmium uptake and accumulation potential of two terrestrial plants. *Int. J. Biosci.* 10(3): 132-142. DOI: <http://dx.doi.org/10.12692/ijb/10.3.132-142>. (**Impact Factor 0.553**)
34. Ahmed, S., **H. Ahmad** and M. S. Nadeem. 2017. First checklist and distribution of sheep breeds of Khyber Pakhtunkhwa. *Pak. J. of Entomol. and Zool. Studies.* 5 (1): 181-183. (**Impact Factor 0.37**).
35. Azhar, H. S., S. Hussain, **H. Ahmad**, S. Irfan, Durrani, H. S. Saad. 2017. Cross Adaptation; An Alternate Approach of Genetic Engineering For Salinity Tolerance In Rice Cell Line. *Plant Cell Biotechnol. and Mol. Bio.* 18 (1&2): 39-48.
36. Hussain, S., **H. Ahmad**, A. N. Khalid and A. R. Niazi. 2017. *Parasola malakandensis* sp. nov. (Psathyrellaceae; Basidiomycota) from Malakand, Pakistan. *Mycoscience.* 58(2): 69-76. <https://doi.org/10.1016/j.myc.2016.09.002> (**Impact Factor 1.418**).
37. Majeed, A., Z. Muhammad, Z. Ullah, R. Ullah and **H. Ahmad**. 2017. Late Blight of Potato (*Phytophthora infestans*) I: Fungicides Application and Associated Challenges. *Turk J. of Agricul. Food Sci. and Technol.* 5 (3): 261-266. <https://doi.org/10.24925/turjaf.v5i3.261-266.1038> (**Impact Factor 0.676**).
38. Muhammad, F., **H. Ahmad**, A. Najam-ul-Sehar and A. N. Khalid. 2017. New reports and host records of rust fungi from Pakistan. *Bangladesh J. of Bot.* 46(1): 73-81. (**Impact Factor 0.233**).

39. Tabassum, S., M. Ilyas, I. Ullah, M. Israr and **H. Ahmad**. 2017. A comprehensive Y-STR portrait of Yousafzai's population. *Int. J. of Legal Medicine*. Pp.1-2. [DOI:10.1007/s00414-017-1550-5](https://doi.org/10.1007/s00414-017-1550-5). (*Impact Factor 2.714*).
40. Ullah, I., **Ahmad, H.**, B. E. Hemphill, M. S. Nadeem, M. Tariq and S. Tabassum. 2017. Mitochondrial genetic characterization of Gujar population living in the Northwest areas of Pakistan. *Adv. in Life Sci.* 4(3): 84-91.
41. Ullah, I., J. K. Olofsson, A. Margaryan, M. Ilardo, **H. Ahmad**, M. Sikora, A. J. Hansen, M. S. Nadeem, N. Fazal, M. Ali and A. Buchard. 2017. High Y-chromosomal Differentiation among Ethnic Groups of Dir and Swat Districts, Pakistan. *Annals of Hum. Genet.* 81 (6): 234-248. DOI: [10.1111/ahg.12204](https://doi.org/10.1111/ahg.12204). (*Impact Factor 2.211*).
42. Yousafzai, A. M., F. Ullah, F. Bari, S. Raziq, M. Riaz, K. Khan, U. Nishan, I.A. Sthanadar, B. Shaheen, M. Shaheen and **H. Ahmad**. 2017. Bioaccumulation of Some Heavy Metals: Analysis and Comparison of *Cyprinus carpio* and *Labeo rohita* from Sardaryab, Khyber Pakhtunkhwa. *BioMed res. int.* <https://doi.org/10.1155/2017/5801432> (*Impact Factor 2.476*)
43. Afridi S. G., **H. Ahmad**, M. Ikram, M. Maryam and R. Zainab. 2016. Molecular marker based identification of leaf rust resistance gene Lr25 in selected wheat accessions. *Int. J. Biosci.* 9 (6): 266-270. <http://dx.doi.org/10.12692/ijb/9.6.266-270>. (*Impact Factor 0.553*)
44. Afridi, S. G., **H. Ahmad**, I. A. Khan and M. Alam. DNA based elaboration of tea genotypes cultivated in Pakistan. *Int. J. Biosci.* 9 (6): 259-265. <http://dx.doi.org/10.12692/ijb/9.6.259-265> (*Impact Factor 0.553*).
45. Afza, R., **H. Ahmad**, S. Zafeer, N. Ali and J. Khan. 2016. Phytodiversity of Ayubia National Park Pakistan: Conservation and Management Issue. *J. of Biod. and Env. Sci.* 8 (2): 327-336. (*Impact Factor 1.356*).
46. Akbar, N., **H. Ahmad**, M. S. Nadeem, B. E. Hemphill, K. Muhammad, W. Ahmad and M. Ilyas. 2016. HVSI polymorphism indicates multiple origins of mtDNA in the Hazarewal population of Northern Pakistan. *Genet. and Mol. research: GMR.* 15(2). DOI: [10.4238/gmr.15027167](https://doi.org/10.4238/gmr.15027167). (*Impact Factor 0.775*).
47. Alam, J., I. Ali, S. Karim, M. U. Islam and **H. Ahmad**. 2016. Check list of Anthoceroophyta and Marchantiophyta of Pakistan and Kashmir. *Plant Science Today.* 3(2): 226-236. <https://doi.org/10.14719/pst.2016.3.2.215>
48. Ali, A., **H. Ahmad**, M. Idrees, F. Zahir and I. Ali. 2016. Circulating serotypes of dengue virus and their incursion into non-endemic areas of Pakistan; a serious threat. *Virol. J.* 13(1): 144. (*Impact Factor 2.362*). <https://doi.org/10.1186/s12985-016-0603-6>
49. Ali, K., N. Khan, I. Rahman, H. A. Begum, S. Jury and **H. Ahmad**. 2016. Use of multiple Phytoecological indices and multivariate approaches in the Hinduk-ush ranges of Pakistan. *S. Asian J. Life Sci.* 4 (2): 40-50. DOI: [10.14737/journal.sajls/2016/4.2.40.50](https://doi.org/10.14737/journal.sajls/2016/4.2.40.50) (*Impact Factor 0.246*).
50. Ali, N., J. P. Heslop-Harrison, **H. Ahmad**, R. A. Graybosch, G. L. Hein and T. Schwarzacher. 2016. Introgression of chromosome segments from multiple alien species in wheat breeding lines with wheat streak mosaic virus resistance. *Heredity.* 117(2): 114-123. [doi:10.1038/hdy.2016.36](https://doi.org/10.1038/hdy.2016.36) (*Impact Factor 3.961*).
51. Alia, G., A. Jan, **H. Ahmad**, G. M. Shah, H. Manzoor, D. Yunus and K. Rehman. 2016. Traditional, medicinal and food uses of Pteridophytes of district Mansehra (Pakistan) and their some adjacent areas. *Int. J. Biosci.* 9 (5): 116-133. <http://dx.doi.org/10.12692/ijb/9.5.116-133> (*Impact Factor 0.553*).

52. Din, S. U., M. Alam, **H. Ahmad**, H. Ali and H. Ullah. 2016. Conservation status of threatened endemic flora of Western Himalayas. *BioDiCon*. 9(3): 91-99. (**Impact Factor 5.0**)
53. Fazal, N., F. Ali, **H. Ahmad**, A. Wahab, S. Bahadar and R. Ullah. 2016. Mutation Analysis of GJB2 Gene of Young Deaf Population of Swat Pakistan. *Transylvanian Review*. (2). (**Impact Factor 0.045**)
54. Gul, A., J. Alam, **H. Ahmad** and M. Irfan. 2016. An updated checklist of Pteridophytes of district Mansehra, Khyber Pukhtunkhwa-Pakistan. *Plant Science Today*. 3 (2): 237-247. DOI: [10.14719/pst.2016.3.2.220](https://doi.org/10.14719/pst.2016.3.2.220)
55. Hussain, S., **H. Ahmad**, A. N. Khalid and A. R. Niazi. 2016. *Parasola malakandensis* sp. nov. (Psathyrellaceae; Basidiomycota) from Malakand, Pakistan. *Mycoscience*. (**Impact Factor 1.418**). <https://doi.org/10.1016/j.myc.2016.09.002>
56. Hussain, S., N. U. S. Afshan and **H. Ahmad**. 2016. First record of *Parasola lilatincta* from Pakistan. *Mycotaxon*. 131(2): 317-323. <https://doi.org/10.5248/131.317> (**Impact Factor 0.705**).
57. Hussain, S., Yousaf, N., A. R. Niazi, **H. Ahmad** and A. N. Khalid. 2016. *Tulostoma ahmadii* sp. nov. and *T. squamosum* from Pakistan. *Turkish J. of Bot.* 40 (2): 218-225. Doi:[10.3906/bot-1501-9](https://doi.org/10.3906/bot-1501-9) (**Impact Factor 1.600**).
58. Khan, J., A. H. Shah, M. Nisar, N. Ali, U. Khan, W. Khan and **H. Ahmad**. 2016. Evaluation of Genetic Diversity in Black Gram through SDS-PAGE. *Plant Cell Biotechnol. and Mol. Biol.* 17(3&4):87-95.
59. Khan, W., S. M. Khan and **H. Ahmad**. 2016. Floral biodiversity and vegetation composition of the western Himalayas, thandiani sub forests division, abbotabad. *Con. Bio. Pak.* 1(1): 1-9.
60. Khan, W., S. M. Khan, **H. Ahmad**, A. A. Alqarawi, G. M. Shah, M. Hussain and E. F. Abd\_Allah. 2016. Life forms, leaf size spectra, regeneration capacity and diversity of plant species grown in the Thandiani forests, district Abbottabad, Khyber Pakhtunkhwa, Pakistan. *Saudi J. of Biol. Sci.* <https://doi.org/10.1016/j.sjbs.2016.11.009> (**Impact Factor 2.564**).
61. Khan, W., S. M. Khan, **H. Ahmad**, Z. Ahmad and S. Page. 2016. Vegetation mapping and multivariate approach to indicator species of a forest ecosystem: A case study from the Thandiani sub Forests Division (TsFD) in the Western Himalayas. *Ecol. Indicators*. 71: 336-351. <https://doi.org/10.1016/j.ecolind.2016.06.059> (**Impact Factor 3.898**).
62. Mehmood, A., H. Shah, A. H. Shah, M. Sajid and **H. Ahmad**. 2016. Investigation of GA3 effect on in vitro micro propagation of potato varieties. *Int. J. of Agronomy and Agricult. Res.* 9 (2): 190-197. (**Impact Factor 1.759**)
63. Mehmood, A., H. Shah, A. H. Shah, M. Sajid, S. U. Khan and **H. Ahmad**. 2016. Deterended correspondence analysis of vegetation in district tor ghar, Westrn Himalaya. *J. of Biod. and Env. Sci. (JBES)*. 9 (2): 1-16. (**Impact Factor 1.356**)
64. Naz, I., **Ahmad, H.**, S. N. Khokhar, K. Khan and A. H. Shah. 2016. Impact of Zinc Solubilizing Bacteria on Zinc Contents of Wheat. *American-Eurasian J. Agric. and Environ. Sci.* 16 (3): 449-454. DOI: [10.5829/idosi.ajeaes.2016.16.3.12886](https://doi.org/10.5829/idosi.ajeaes.2016.16.3.12886) (**Impact Factor 0.53**)
65. Neena, D., A. H. Shah, K. Deshmukh, **H. Ahmad**, D. J. Fu, K. K. Kondamareddy, P. Kumar, R. K. Dwivedi and V. Sing. 2016. Influence of (Co-Mn) co-doping on the microstructures, optical properties of sol-gel derived ZnO nanoparticles. *The Eur. Phy. J. D.* 70 (3): 1-7. DOI: [10.1140/epjd/e2016-50540-5](https://doi.org/10.1140/epjd/e2016-50540-5). (**Impact Factor 1.288**)
66. Schurr, T. G., M. Tariq and **H. Ahmad**. 2016. Genetic history of the major tribes of Pakistan. *American J. of Phys. Anthropol.* 159: 285-285. (**Impact Factor 2.824**)
67. Tariq, M., **H. Ahmad**, B. Hemphill, N. Sadiq, M. Ilyas, Inamullah and N. Fazal. 2016. Genetic variation among members of the major ethnic groups of the Himalayan region of

- Khyber Pakhtunkhwa. *Cons.Bio of Pak.* 1(1): 1-8.
68. Tariq, M., **H. Ahmad**, Inamullah, U. Farooq and T. Ahmad. 2016. Y-chromosome polymorphisms in two Pakistani ethnic groups and its relationship with neighboring Indian populations. *Int. J. Biosci.* 9 (2): 159-163. <http://dx.doi.org/10.12692/ijb/9.2.159-163> (**Impact Factor 0.553**)
  69. Ullah, J., A. H. Shah, M Nisar, W. Khan, U. Khan, J. Khan and **H. Ahmad**. 2016. Biochemical characterization of Lentil germplasm for genetic diversity. *Plant Cell Biot. and Mol. Biol.* 17(1&2):7-13.
  70. Ullah, N., N.Ali, M. Iqbal, A. Din, A. H. Shah, I. U. Rahman, **H. Ahmad**, Inamullah, G. M. Ali. 2016. Markers assisted selection for multiple stripe rust resistance genes in spring bread wheat lines. *Int. J. Biosci.* 8 (3): 63-74. <http://dx.doi.org/10.12692/ijb/8.3.63-74> (**Impact Factor 0.553**)
  71. Ullah, N., M.A. Khan, S. Khan, **H. Ahmad**, A. H. Asif and T. Khan. 2016. Nephro-protective potential of Morus Alba, a prospective experimental study on animal models. *Pharmaceutical biology.* 1-6. [DOI: 10.3109/13880209.2015.1052149](https://doi.org/10.3109/13880209.2015.1052149). (**Impact Factor 1.916**)
  72. Afridi, S. G., S. Sultan, Z. A. Butt and **H. Ahmad**. 2015. Ecological prevalence of the weed species growing in maize and sugarcane fields of district Mardan, Pakitan. *J. Bio. and Env. Sci.* 7(5):
  73. **Ahmad, H.**, A. Muhammad, M. Siraj, R. Ahmad, I. Ahmad, M. S. Nadeem, W. Ahmad, N. Akbar and K. Muhammad. 2015. Pollution Problem in River Kabul: Accumulation Estimates of Heavy Metals in Native Fish Species. *J. Biomed Biotechnol.* <http://dx.doi.org/10.1155/2015/537368> (**Impact Factor 2.706**).
  74. Akbar N., **H. Ahmad**, M. S. Nadeem, N. Ali, M. Saadiq. 2015. An Efficient Procedure for DNA Isolation and Profiling of the Hyper Variable Mt DNA Sequences. *J. of Life Sci.* 9: 530-534. [DOI:10.17265/1934-7391/2015.11.004](https://doi.org/10.17265/1934-7391/2015.11.004)
  75. Ali, K., N. Khan, I.U. Rahman, **H. Ahmad** and S. Jury. 2015. Multivariate analysis and vegetation mapping of a biodiversity hotspot in the Hindu Kush Mountains. *Int. J. of Adv. Res.* 3 (6): 990-1006. (**Impact Factor 6.118**).
  76. Farooq, M., A. H. Shah, A. A. Malik, N. Ali, U. Khan, A. Majid and **H. Ahmad**. 2015. Nutrient Management for Improving Onion Productivity. *American-Eurasian J. Agric. and Environ. Sci.* 15 (2): 220-225. [DOI: 10.5829/idosi.ajeaes.2015.15.2.12515](https://doi.org/10.5829/idosi.ajeaes.2015.15.2.12515) (**Impact Factor 0.53**)
  77. Fiaz, M., **H. Ahmad**, N. S. Afshan and A. N. Khalid. 2015. Some new records of Uredinales from Khyber Pakhtunkhwa, Pakistan. *Mycotaxon.* 130: 569-575. <https://doi.org/10.5248/130.569> (**Impact Factor 0.705**).
  78. Firdous, S., **H. Ahmad**, M. Hussain and M. Shah. 2015. Pllen morphology of *Ajuga L.*, and *Philomis L.*, (Lamiaceae) from District Abbottabad Pakistan. *Pak. J. Bot.* 47 (1): 269-274. (**Impact Factor 0.947**)
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