

Dr. Toheed Iqbal

List of Publications:

1. **Iqbal. T**, M. Inayatullah, S. Amna and Khan I. A. "Effect of Light and Dark Exposure on The Different Life Parameters of Silkworm". Sarhad J. Agric. 2008. 24(1): 75-77.
2. Sadozai, A., Q. Zeb, **T. Iqbal**, S. Anwar, H. Badshah, A. Ali and M. Tahir. "Testing The Efficacy of Different Insecticides Against Onion Thrips in Tarnab, Peshawar". Sarhad J. Agric. 2009. 25(2): 269-271.
3. Khan, G. Z., **Iqbal. T.**, Ahmad. N., Ahmad. M. T., Khan, M. H., Khan, M. S. Efficacy of Different Synthetic and Natural Products against the Outbreak of Mealy Bug (*Maconellicoccushirstus*) in Cotton. Sarhad J. Agric. 2012. Vol.28 (4): 567 – 572.
4. Shah, J. A., M. Inayatullah, K. Sohail, S. F. Shah, S. Shah, **T. Iqbal** and M. Usman. "Efficacy of botanical extracts and chemical pesticide against Tomato Fruit Worm, *Helicoverpa armigera* (Lepidoptera: Noctuidae)". Sarhad J. Agric. 2013. 29 (1): 93-96.
5. **Iqbal. T.**, M. Inayatullah and S. Ahmad. "New Records and a key to the species of Genus *Hockeria* Walker (Hymenoptera: Chalcididae) from Khyber Pakhtunkhwa, Pakistan". Pakistan J. Zool. 2013. 45(5): 1279-1284. (I.F. 0.43)
6. **Iqbal, T.**, and Inayatullah, M. "Two species of genus *Antrocephalus* Kirby (Chalcididae: Chalcidoidea: Hymenoptera): New records for province Khyber Pakhtunkhwa, Pakistan". Journal of Entomology and Zoology Studies. 2015. 3(1): 295-301.
7. Sohail, K., Khan, I.A., Haq, M. M, U., Usman, M., Shah, S. F., Mahmood, A., **Iqbal, T.** and Din, F. "Insecticidal studies on *Heterotermisindicola* Wasmann (Isoptera: Heterotermitidae) under laboratory conditions". Journal of Entomology and Zoology Studies. 2015. 3(2): 348-350.

8. Khan, S., Ullah, F., Khan, I., Khan, M. A., Khan, S. Z., Khan, M. A., Khan, I. A. and **Iqbal, T.** "Toxicity of selected insecticides against the zig zag ladybird beetle *Menochilus sexmaculatus*". Journal of Entomology and Zoology Studies. 2015. 3(3): 143-147.
9. Said, F., Inayatullah, M., Ahmad, S., **Iqbal, T.**, Shah, R.A., Usman, A., Zaman, M., Haq, S. "Foraging behavior of the Himalayan Honeybee, *Apis cerana* (Hymenoptera: Apidae) associated with sunflower (*Helianthus annuus* L.) at Peshawar District of Khyber Pakhtunkhwa (KP). Journal of Entomology and Zoology Studies. 2015. 3(3): 203-207.
10. **Iqbal, T.**, Inayatullah, Shahjeer, K., Said, F., Sohail, K., Shah, S.F., Ahmad, B., Kakar, M.Q. Genus *Epitranus* Walker (Chalcididae: Chalcidoidea) with two species, new records for Khyber Pakhtunkhwa, Pakistan. Journal of Entomology and Zoology Studies. 2015. 3(5): 316-320.
11. **Iqbal, T.**, M. Inayatullah and S. Ahmad. A species of genus *Chalcis* Fabricius (Chalcididae: Chalcidoidea) new to the records of Khyber Pakhtunkhwa and Pakistan. Pak. Entomol., 2015; 37(2):111-115.
12. Kakar, M.Q., Shah, A., Ullah, F., Badshah, H., Zada, H., Ahmad, B. and **Iqbal, T.** "Efficacy of *Trichogramma chilonis* in comparison with a seed dresser (Confidor) against Maize stem Borer (*Chilo Partellus* Swinhoe). Pure Appl. Biol. 2016; 5(3): 664-670.
13. Shah, A., Kakar, M. Q., Ullah, A., Papanikolaou N.E., **Iqbal, T.**, Ullah, H. "Functional response of *Coccinella septempunctata* L. (Coleoptera: Coccinellidae) on *Ommatissus lybicus* (Homoptera: Tropiduchidae)". Pure Appl. Biol. 2016; 5(4): 671-681.

14. Kakar, M.Q., Ullah, F., Ahmad, B., Zada, H., Shah, A., **Iqbal, T.** and Ahmad, S. "Comparison of local fruit flies attractant with imported attractants (Methyl Eugenol & Cue Lure) in guava, peach and bitter gourd orchards in Khyber Pakhtunkhwa". Pure Appl. Biol. 2016; 5(4): 695-713.
15. Hussain, S., Ahmad, B., **Iqbal, T.**, Mehmood, N., Khan, A., and Khan, Z. "*In vivo* efficacy of two synthetic insecticides and two bio-extracts against maize stem borer (*Chilo partellus*)". Journal of Entomology and Zoology Studies. 2016; 4(6): 550-552.
16. Khan, I., Khan, S.A., Hussain, S., Maula, F., Shah, H. A., **Iqbal, T.** and Khan, A. To study the infestation level and effective chemical control of pomegranate fruit borer (*Viracholaisocrates*). Journal of Entomology and Zoology Studies 2017; 5(1): 282-284.
17. Khan, M.A., Khan, S., Ahmad, S., Shinwari, I., **Iqbal, T.**, Hassan, M. and Shah, S. F. "Impact of various treatments against brinjal shoot and fruit borer". Journal of Entomology and Zoology Studies 2017; 5(4):56-61.
18. **Iqbal, T.**, Ahmad, S., Shah, M., Usman, A., Sohail, K. and Shahjeer, K. "Illustrated key to the genera of family Chalcididae (Hymenoptera: Chalcidoidea) from various ecological zones of Khyber Pakhtunkhwa, Pakistan". Int. J. Agric. Biol., 2018, 20: 1049–1054.
19. Ahmad, B., Saljoqi, A.U.R., Zada, H., Sattar, S., **Iqbal, T.**, Hussain, S. and Saeed, M. "Effect of weather on diamond back moth, *Plutellaxylostella*(L.) (Lepidoptera: Plutillidae) in District Haripur". Sarhad Journal of Agriculture, 2018; 34(1): 209-214.
20. Fakhruddin, Said, F., Shah, S. F., **Iqbal, T.**, Sabahatullah, M., and Sohail, K. "An illustrated key to the subfamilies of Braconidae (Hymenoptera) in Chitral district of Khyber Pakhtunkhwa, Pakistan". Journal of Entomology and Zoology Studies, 2018; 6(2): 878-885.

21. Usman, A., Khan, A., Shah, R. A. and **Iqbal, T.** "Appraisal of Different Tomato Genotypes against *Scirtothrips dorsalis* (Thysanoptera: Thripidae) Infestation with Reference to Morphological Plant Characters". Sarhad Journal of Agriculture, 2020; 36(2): 375-382.
22. Shahjeer, K., Rehman, G., **Iqbal, T.**, Muhammad, A., Ahmad, B., Kakar, M.Q., and Khan, G.Z. "Biodiversity of Genus *Camponotus* Mayr (Hymenoptera: Formicidae) from Khyber Pakhtunkhwa, Pakistan". Mitteilungen Klosterneuburg, 2021; 71(5): 2-19.
23. Shahjeer, K., Rehman, G., Khan, K., **Iqbal, T.** "Three Species of Genus *Lepisiota* (Hymenoptera: Formicidae) with New Distributional Records from Khyber Pakhtunkhwa, Pakistan". Sarhad Journal of Agriculture, 2021; 37(3): 884-892.
24. Sana, K., **Iqbal, T.**, Usman, A., Karishma., Said, F., Khan, I.U., Shahjeer, K. and Khan, G.Z. "Comparative Efficacy of Botanicals, and a Synthetic Insecticide against Sucking Insect Pests of Brinjal." Annals of Romanian Society for Cell Biology, 2021; 25(6): 19381-19389.
25. Ali, H., Salahuddin, B., Zada, H., Ali, Asad., Said, F., **Iqbal, T.**, Saleem, Z., Khan, I.U., Shahjeer, K., and Shah, O.U. "Efficacy of different concentrations of Green-Guard (*Metarhizium anisopliae* Var. *Acridum*) against desert Locust (*Schistocerca gregaria*) under lab and field conditions". Bioscience Research, 2021; 18(3): 2362-2367.
26. Khalid, M., Khan, I.U., Shah, S.A.A., Qureshi, M.A., Ahmad, B., Khan, R.M., Karim, R., Bari, A., Said, F., **Iqbal, T.**, Nasrullah., and Ali, R. "Estimation of genetic components in clonally propagated sugarcane genotypes for cane yield and related attributes under the agro-ecological conditions of Mardan-Pakistan". Bioscience Research, 2021; 18(4): 2923-2935.

27. Rehman, M., **Iqbal, T.**, Shahjeer, K., Ali, H., Iqbal, Q., Soomro, K. B., and Kakar, M. Q. "Management of *Varroa destructor* in honeybees through essential oils". Bioscience Research, 2021. 18(4): 3217-3227.
28. Nadeem, A., S. Hussain, A. Fareed, M. Fahim, **T. Iqbal**, Z. Ahmad, Saeedullah, R. Karim and A. Akbar. "Genetic variations among the isolates of *Bipolaris Maydis* based on phenotypic and molecular markers". Brazilian Journal of Biology. 2021. 84: e253147.
29. **Iqbal, T.**, Sana, K., Karim, R., Shahjeer, K., Said, F., Nadeem, A., Ahmad, S., and Haq, I. "Eco Friendly Management Of Brinjal Borers Through Indigenous Plant Extracts." NVEO-Natural volatiles & essential oils Journal. 2022. 9(1): 1608-1616.
30. Ghaffar, A., Yasinza, M. I., Iqbal, A., Kakar, M. Q., Shahjeer, K., Khan, B., **Iqbal, T.**, Imran, S., Malik, M. S. "Efficacy of a locally created miticide against the Two-Spotted Spider Mite, *Tetranychusurticae*, infesting Apple cultivars in contrast to Agrifol and Ethion". MitteilungenKlosterneuburg. 2022. 72(6): 40-53.
31. Naeem, M., Sattar, S., Zia, A., Rehman, A., **Iqbal, T.**, Mehmood, S. A., Ahmed, S., and Shahjeer, K. "Odonata (Dragonflies and Damselflies) naiads in sub-Himalayan foothills of Pakistan". The Journal of Anim. Plant Sci., 2022. 32 (6): 1616-1627.
32. Karishma, A. Usman, I. Khurshid, **T. Iqbal**, K. Sana, H. Gul and M. Abbas. "Evaluation of different biorational pest management approaches for the management red pumpkin beetle (*Aulacophorafoveicollis* Lucas) and fruit fly (*Bactoceracucurbitae*) in cucumber crop and their economic analysis". Pak. J. Weed Sci. Res., 2022.28(2): 124-137.
33. Rehman, G., Sardar, S., Alkhateeb, M.A., Mohamed, R.A.E.H., Galil, F.M.A.A., Hamayun, M., Shahjeer, K., **Iqbal, T.**, Ahmed, N., Nawaz, T., Ullah, R. "[Evaluation of Functional and Bioactive Properties of Crude Gill Extract of *Tor putitora* using Different Assays](#)".

International Journal of Food Science & Technology. 2022. 57(10), 6459-6470. DOI <https://doi.org/10.1111/ijfs.15961>

34. Ihsan, A., Hussain, R., Sarwar, J., Ullah, N., **Iqbal, T.**, Mujeeb, A., Ahad, H., Qamar, U., Haq, N. "Manipulation of Synthetic and aqueous herbal extracts for the management of Onion Thrips, *Thrips tabaci* Lind (Thysonaptera: Thripidae). Journal of Xi'an Shiyou University, Natural Science Edition, 2022. 18(9):696-710.
35. Ullah, I., Usman, A., Akbar, R., Bibi, R., Azad, Rashid., Faheem, B., Akbar, S., Khalid, N., **Iqbal, T.**, Saeed, M., Khan, I. A., Farid, A., Saljoqi, A. U. R., Haq, N. U. "Integrated management of Fruit borer (*Leucinodes orbonalis*) (Pyralidae: Lepidoptera) in spring Brinjal Crop". Journal of Xi'an Shiyou University, Natural Science Edition, 2023. 19(1): 101-118.
36. Riaz, K., **Iqbal, T.**, Khan, S., Usman, A., Al-Ghamdi, M.S., Shami, A., El Hadi Mohamed, R.A., Almadiy, A.A., Al Galil, F.M.A., Alfuhaid, N.A. and Ahmed, N. Growth Optimization and Rearing of Mealworm (*Tenebrio molitor* L.) as a Sustainable Food Source. *Foods*, 2023. 12(9), p.1891.
37. Iqbal, M. W., **Iqbal, T.**, Irfan, I., Hamad, Q., Khaliq, U., Mujeeb, A., Ahmad, A., and Nabi, E. U. "Developing A Solid Termite Bait Matrix and Conducting Efficacy Trials Under Lab and Semi Field Conditions." *SJARR*. 2023. 4(03):51-68. DOI. <https://doi.org/10.55966/sjarr.2023.4.3.0071>.
38. Shah, A.A., Usman, A., Khan, S., Khan, F., Ahmed, N., Al-Mekhlafi, F.A., Wadaan, M.A., Malook, S.U., **Iqbal, T.**, Ullah, M. and Sohail, K. Mealworm (*Tenebrio molitor*) rearing and growth optimization as a sustainable food source using various larval diets under laboratory conditions. *Entomologia Experimentalis et Applicata*. 2024. 172(9):827-836. <https://doi.org/10.1111/eea.13463>.

39. Zada, B., A. Zia, S.A. Mehmood, A. Rehman, **T. Iqbal**, K. Shahjeer and S. Ahmed. 2024. Discovering uncharted territories: Adding two new records to Aphid Fauna of Pakistan, Unveiled in the Pine Plantations of District Battagram, Khyber Pakhtunkhwa Province. *Sarhad Journal of Agriculture*, 40(4): 1364-1369.
40. Muhammad Inam, Kiran Shahjeer, Ahmed Zia, Gauhar Rehman & **Toheed Iqbal** (2025): First record of *Anisogomphuscaudalis* (Fraser 1926), a data deficient species of Odonata (Anisoptera: Gomphidae) from Pakistan with special reference to species distribution modelling, *Oriental Insects*, DOI: 10.1080/00305316.2025.253183.