

Scholarly Publications:

1. Sehrish Rasool, **Zain ul Abdin***, Saqi Kosar Abbas, Sumra Ashraf, Maryam Anwer, Atif Manzoor, Muhammad Tahir and Hoor Shaina, **2017**. Effect of Host Size on Larval Competition of the Gregarious Parasitoid *Bracon hebetor* (Say.) (Hymenoptera: Braconidae). <http://dx.doi.org/10.17582/journal.pjz/2017.49.3.1085.1091> (**corresponding author**)
2. Sumra Ashraf, **Zain ul Abdin***, Saqi Kosar Abbas, Rao Sohail Ahmad Khan, Muhammad Tahir, Sehrish Rasool, Maryam Anwar and Fiaz Hussain , **2017**. Effect of Different Diet Concentrations on Longevity and Fecundity of Parasitic Wasp *Bracon hebetor* (Say.) (Hymenoptera: Braconidae). <http://dx.doi.org/10.17582/journal.pjz/2017.49.3.761.767> (**corresponding author**)
3. Atif Manzoor , **Zain UlAbdin***, Bruce A. Webb, Muhammad Jalal Arif , Amer Jamil, **2016**. De novo sequencing and transcriptome analysis of female venom glands of ectoparasitoid *Bracon hebetor* (Say.) (Hymenoptera: Braconidae) *Elsevier*, Comparative Biochemistry and Physiology Part D: Genomics and Proteomics 20, 101-110. <http://dx.doi.org/10.1016/j.cbd.2016.08.002> (IF.2.3) (**corresponding author**)
4. Hoor Shaina, **Zain UlAbdin ***, Bruce A. Webb , Muhammad Jalal Arif , Amer Jamil, **2016**. De novo sequencing and transcriptome analysis of venom glands of endoparasitoid *Aenasius arizonensis* (Girault) (= *Aenasius bambawalei* Hayat) (Hymenoptera, Encyrtidae). *Toxicon* 121, 134-144. <http://dx.doi.org/10.1016/j.toxicon.2016.08.022> (IF.2.3) (**corresponding author**)
5. Muhammad Shahid Iqbal, **Zain ul Abdin***, Muhammad Arshad, Saqi Kosar Abbas Muhammad Tahir, Amer Jamil and Atif Manzoor, **2016**. The Role of Parasitoid Age on the Fecundity and Sex Ratio of the Parasitoid *Aenasius bambawalei* (Hayat) (Hymenoptera: Encyrtidae). *Pakistan J. Zool.*, vol.48(1), pp 67-72. [http://www.zsp.com.pk/pdf48/67-72%20\(8\)%20QPJZ-0128%20-2015%20%2010.9.2015%20\(Final\).pdf](http://www.zsp.com.pk/pdf48/67-72%20(8)%20QPJZ-0128%20-2015%20%2010.9.2015%20(Final).pdf) (IF.0.4) (**Corresponding author; research work conducted under my supervision in my lab**)
6. Maryam Anwar, **Zain ul Abdin***, Saqi Kosar Abbas, Muhammad Tahir, Fiaz Hussain and Atif Manzoor, **2016**. Effect of Cold Storage on the Survival, Sex Ratio and Longevity of Ectoparasitoid, *Bracon hebetor* (Say.) (Hymenoptera: Braconidae). *Pakistan J. Zool.*, Vol.48 (6) pp 1775-1780. (IF.0.4) (**Corresponding author; research work conducted under my supervision in my lab**) [http://zsp.com.pk/pdf48/1775-1780%20\(23\)%20QPJZ-0498-2015%209-8-16.pdf](http://zsp.com.pk/pdf48/1775-1780%20(23)%20QPJZ-0498-2015%209-8-16.pdf)
7. Muhammad Javid Iqbal, Yasir Maqsood, **Zain Ul Abdin**, Atif Manzoor, Muhammad Hassan, Amer Jamil, **2016**. SSR Markers Associated with Proline in Drought Tolerant Wheat Germplasm. *Appl Biochem Biotechnol.*, 178(5):1042-52. PMID:26637362 DOI: [10.1007/s12010-015-1927-1](https://doi.org/10.1007/s12010-015-1927-1) ISSN: 0273-2289 (print version), ISSN: 1559-0291 (electronic version) (IF.1.6) (**Provided guidance and technical support**)
8. Shahzad, M.Q., **Ul Abdin, Z***, Abbas, S.K., Tahir, M. and Hussain, F. **2016**. Parasitic Effects of Solitary Endoparasitoid, *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae) on Cotton Mealybug, *Phenacoccus solenopsis* Tinsley (Hemiptera: Pseudococcidae). *Advances in Entomology*, 4, 90-96. http://file.scirp.org/pdf/AE_2016041415205306.pdf (**Corresponding author; research work conducted under my supervision in my lab**) (Google based IF. 0.68)
9. Anam Jamil, **Zain ul Abdin*** Muhammad Arshad, Patrizia Falabella, Saqi Kosar Abbas, Muhammad Tahir, Amer Jamil, Atif Manzoor and Hoor Shaina, **2015**. Multiple Effects of Host Density on Egg Density and the Sex Ratio of Progeny of *Bracon hebetor* (Say.) (Hymenoptera: Braconidae). *Pakistan J. Zool.*, vol. 47(2), pp. 455-460. [http://zsp.com.pk/pdf47/455-460%20\(20\)%20PJZ-1962-14%2028-2-15%20Corrected.pdf](http://zsp.com.pk/pdf47/455-460%20(20)%20PJZ-1962-14%2028-2-15%20Corrected.pdf)

(IF.0.4) **(Corresponding author; research work conducted under my supervision in my lab)**

10. Muhammad Arshad, **Zain-ul-Abdin**, Muhammad Dildar Gogi, Muhammad Jalal Arif and Rashad Rasool Khan, **2015**. Seasonal Pattern of Infestation by Spotted Bollworm, *Earias insulana* (Boisd.) and Pink Bollworm, *Pectinophora gossypiella* (Saund.) in Field Plots of Transgenic Bt and non-Bt Cottons. Pakistan J. Zool., vol. 47(1), pp. 177-186, 2015. [http://zsp.com.pk/pdf47/177-186%20\(24\)%20PJZ-2050-14%2011-12-14%20Corrected%20paper%20for%20PJZ.pdf](http://zsp.com.pk/pdf47/177-186%20(24)%20PJZ-2050-14%2011-12-14%20Corrected%20paper%20for%20PJZ.pdf) (IF.0.4)
(Provided guidance and technical support)

11. N. Yasmin, **Z. Ulabdin**, M. Shahid, M.A. Sheikh, A. Manzoor and A. Jamil, **2015**. Biosorption Characteristics and Novel Antifungal Activity of Abrus precatorius Seed Extract. Asian J. Chem. 27(4): 1388-1390. http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=27_4_47 (IF.0.355) (The journal had impact factor when accepted for publication)
(Provided guidance and technical support)

12. Saqi Kosar Abbas, **Zain ul Abdin**, Muhammad Jalal Arif1 & Amer Jamil, **2014**. Functional analysis of the venom of mealybug parasitoid *Aenasius bambawalei* (Hymenoptera: Encyrtidae). Biologia, Section Zoology, 69/8: 1046-1050. <http://link.springer.com/article/10.2478/s11756-014-0402-8> (IF 0.696) **(Corresponding author; research conducted under my supervision in my lab.)**

13. Sadia Falak, **Zain ul Abdin**, Tahira Iqbal, Muhammed Ashraf and Amer Jami l, **2014**. Differential gene expression profiling of *Nigella sativa* under salt stress. JOKUL JOURNAL (ISSN: 0449-0576). Vol 64, No. 6 (IF: 1.604) <http://www.jokulljournal.com/index.html>
(Provided guidance and technical support)

14. Raheela Jabeen & Ghulam Mustafa, **Zain ul Abdin**, M. Javid Iqbal and Amer Jamil, **2014**. Expression Profiling of Bioactive Genes from *Moringa oleifera*. *Appl Biochem Biotechnol*. 174(2):657-66. doi: 10.1007/s12010-014-1122-9 <https://www.ncbi.nlm.nih.gov/pubmed/25086925> (IF .1.687)
(Provided guidance and technical support).

15. Muhammad Dildar Gogi, Muhammad Jalal Arif, Muhammad Arshad, Muhammad Ahsan Khan, Muhammad Hamid Bashir, Khuram Zia and **Zain-ul-Abdin**, **2014**. Impact of Sowing Times, Plant-to-Plant Distances, Sowing Methods and Sanitation on Infestation of Melon Fruit Fly (*Bactrocera cucurbitae*) and Yield Components of Bitter Gourd (*Momordica charantia*). INTERNATIONAL JOURNAL OF AGRICULTURE & BIOLOGY. ISSN Print: 1560–8530; ISSN Online: 1814–9596, 13–997/16–3–521–528 https://www.fspublishers.org/published_papers/18834_.pdf (IF. 0.902)
(Provided guidance and technical support).

16. M. A. Khan, M.D.Gogi, M.H.Bashir, M.Hussain, **Zain ul Abdin** and M.A.Rashid.**2014**. Assessment of density dependent feeding damage by cotton dusky bug, *Oxycarenus laetus* Kirby (Hemiptera: Lygaeidae) in cotton. Turk J Agric For. 38: TUBITAK. Doi: 10.3906/tar-1303-21, <http://dergipark.gov.tr/download/article-file/119366>
(Provided guidance and technical support) (IF.0.731)

17. Arshad, M., M.J. Arif, M.D. Gogi, M. Abdul ur Rehman, **Zain-ul-Abdin**, W. Wakil and N.A. Saeed, **2014**. Seasonal abundance of Non-Target Natural enemies in Transgenic *Bt* and conventional cotton. Pak. Entomol., 36(2):115-118. <http://www.pakentomol.com/Downloads/Issues/2014-2/07.pdf>
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18. Arif, M.J., M.D. Gogi, Wajeel-Ud-Din, M. Arshad, **Zain-ul-Abdin** and W. Wakil, **2014**. Laboratory bioassay for investigating the repellent and oviposition-deterrent impacts of various IGRs on guava fruit fly, *Bactrocera correcta* (Diptera: Tephritidae). Pak. Entomol.,

19. **Zain-ul-Abdin**, F.Hussain,M.H.Khan, S.K.Abbas, A.Manzoor and H.Shaina, **2013**.
 Reproductive Fitness of Mealybug Parasitoid, *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae). World Applied Sciences Journal (WASJ) 26(9): 1198-1203.DOI:10.5829/idosi.wasj.2013.26.09.76202.
[https://www.idosi.org/wasj/wasj26\(9\)13/10.pdf](https://www.idosi.org/wasj/wasj26(9)13/10.pdf)
 (Corresponding author; research conducted under my supervision in my lab.)
20. Arif, M.J., M.D. Gogi, M.J. Hussain, M. Arshad, A. Suhail, **Zain-ul-Abdin**, W. Wakil, A. Nawaz and J.N. Ahmad, **2013**. Evaluation of some IGRs alone and in combination with seed treatments against *Chilo partellus* Swinhoe (Pyralidae: Lepidoptera) and *Atherigona soccata* Rodani (Muscidae:Diptera) on field maize. Pak. Entomol., 35(1): 27-35.
<http://www.pakentomol.com/Downloads/Issues/2013-1/06.pdf>
 (HEC Recognized Y-category Journal)
21. Arif, M.J., M.D. Gogi, M. Arshad, **Zain-ul-Abdin**, W. Wakil and A. Nawaz, **2013**.
 Comparative toxicity of some IGRs, a mineral oil and carbosulfon against canola aphid under laboratory condition. Pak. Entomol., 35(2): 151-155.
<http://www.pakentomol.com/Downloads/Issues/2013-2/16.pdf>
 (HEC Recognized Y-category Journal)
22. Arshad, M., A. Suhail, M.M. Majeed, H. Bilal, M. D. Gogi, **Zain-ul-Abdin** and M.H. Bashir, **2012**. Determination of economic threshold level (ETL) for the chemical control of rice leaf folder, *Cnaphalocrocis medinalis* Gn. (Pyralidae: Lepidoptera). Pak. Entomol., 34(1): 79-81. [http://www.pakentomol.com/Downloads/Issues/2012-1/016-%20M.%20Arshad%20-%20Entomol.%20Journal%20\(Jan-June%202012\).pdf](http://www.pakentomol.com/Downloads/Issues/2012-1/016-%20M.%20Arshad%20-%20Entomol.%20Journal%20(Jan-June%202012).pdf) (HEC Recognized Y-category Journal)
23. **Zain-ul-Abdin**, M.J. Arif, M.D. Gogi, M. Arshad, F. Hussain, S.K. Abbas, H. Shaina and A. Manzoor, **2012**. Biological characteristics and host stage preference of mealybug parasitoid *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae). Pak. Entomol., 34(1): 47-50.
[http://www.pakentomol.com/Downloads/Issues/2012-1/009-%20Zain%20ul%20Abdin%20-%20Entomol.%20Journal%20\(Jan-June%202012\).pdf](http://www.pakentomol.com/Downloads/Issues/2012-1/009-%20Zain%20ul%20Abdin%20-%20Entomol.%20Journal%20(Jan-June%202012).pdf)
 (Corresponding author; research conducted under my supervision in my lab.)
24. Gogi, M.D., M.J. Arif, M. Asif, **Zain-ul-Abdin**, M.H. Bashir, M. Arshad, M.A. Khan, Q. Abbas, M.R. Shahid³ and A. Anwar¹, **2012**. Impact of nutrient management schedules on infestation of *Bemisia tabaci* on and yield of non-Bt cotton (*Gossypium hirsutum*) under unsprayed condition. Pak. Entomol., 34(1): 87-92.
[http://www.pakentomol.com/Downloads/Issues/2012-1/018-%20M.%20Dildar%20-%20Entomol.%20Journal%20\(Jan-June%202012\).pdf](http://www.pakentomol.com/Downloads/Issues/2012-1/018-%20M.%20Dildar%20-%20Entomol.%20Journal%20(Jan-June%202012).pdf) (Provided guidance and technical support).
25. Arif, M.J., M.D. Gogi, M. Arshad, A. Ashraf, A. Suhail, **Zain-ul-Abdin**, W. Wakil and A. Nawaz, **2012**. Host-plants mediated population dynamic of cotton mealybug, *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae) and its parasitoid, *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae). Pak. Entomol., 34(2): 179-184.
<http://www.pakentomol.com/Downloads/Issues/2012-2/15.pdf>
26. Khan, M.A¹., M.D. Gogi¹, M.A. Rasheed¹, M.H. Bashir¹, M. Arshad¹, **Zain-ul-Abdin**¹ and R.A. Khan², M. A. Khan³, **2012**. Performance of LEPIK technology in regulating whitefly, *Bemisia tabaci* (Aleyrodidae: Homoptera) density in cotton. Pak. Entomol., 34(2):185-188.
<http://www.pakentomol.com/Downloads/Issues/2012-2/16.pdf>
27. **Zain-ul-Abdin**, M.J. Arif, A. Suhail, M.D. Gogi, M. Arshad, W. Wakil, S.K. Abbas, A.

Altaf, H. Shaina and A. Manzoor, **2012**. Molecular analysis of the venom of mealybug parasitoid *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae). Pak. Entomol., 34(2): 189-193.

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28. Manzoor, A., **Zain-ul-Abdin**, M. Arshad, M.D. Gogi, H. Shaina, E. Mubarik, S.K. Abbas and M.A. Khan, **2011**. Biological activity of the toxic peptides from venom of *Bracon hebetor* (Say.) (Hymenoptera: Braconidae). Pak. Entomol., 33(2): 125-130. <http://www.pakentomol.com/Downloads/Issues/2011-2/09%20Manzoor%20et%20al..pdf>. **(Corresponding author; research conducted under my supervision in my lab.)**
29. Arshad, M., A. Suhail, **Zain-ul-Abdin** and M.D. Gogi, **2011**. Efficacy of transgenic Bt cotton against *Helicoverpa armigera* (Lepidoptera: Noctuidae) in the Punjab, Pakistan. Pak. Entomol., 33(2): 119-123. <http://www.pakentomol.com/Downloads/Issues/2011-2/08%20Arshad%20et%20al..pdf> (Provided guidance and technical support)
30. Gogi, M.D., N. Ijaz, M.J. Arif, **Zain-ul-Abdin**, M. Arshad, M.H. Bashir and M.A. Khan, **2011**. Impact of synergism with combinations of silicon oil, clove oil and sulfuric acid on the toxicity of some insecticides against cotton mealybug, *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae). Pak. Entomol., 33(2): 137-141. <http://www.pakentomol.com/Downloads/Issues/2011-2/11%20Gogi%20et%20al.pdf> (Provided guidance and technical support).