# SAIMA HASHIM

**Major Publications:**

1. Perveen, S., Yousaf, M., Mushtaq, M. N, Sarwar, N., Khaliq, A., **Hashim, S**. 2019. Selective Bioherbicidal Potential of *Delonix regia* Allelopathic Leaf Extract on Germination and Seedling Growth of Field Bindweed and Wheat. **Applied Ecology and Environmental Research** 17(1):511-519

2. **Saima Hashim,** Asad Jan, Shah Fahad, Hafiz Haider Ali, Muhammad Naeem Mushtaq, Karim Bux Laghari, Khawar Jabran and Bhagirath Singh Chauhan. 2019. Weed management and herbicide resistant weeds: A case study from wheat growing areas of Pakistan. **Pakistan Journal of Botany** Vol. 51(4) (In press)

3. Muhammad Azim Khan , Riaz Ahmad Afridi , **Saima Hashim**, Abdul Mateen Khattak , Zubair Ahmad, Fazli Wahid , Bhagirath Singh Chauhan. (2016) Integrated effect of allelochemicals and herbicides on weed suppression and soil microbial activity in wheat (*Triticum aestivum* L.). **Crop Protection**. Vol. 90: 34-39

4. **Saima Hashim**, Asad Jan, Khan Bahadar Marwat and Muhammad Azim Khan. 2014. Phytochemistry and medicinal properties of *Ammi visnaga* (Apiacae). Pakistan Journal of Botany, Vol. 46(3): 861-867

5. **Saima Hashim**, Tamana Bakht, Khan Bahadar Marwat and Asad Jan. 2014. Medicinal properties, phytochemistry and pharmacology of *Tribulus terrestris* L. (Zygophyllaceae) Pakistan Journal of Botany, 46(1): 399-404

6. **Saima Hashim**, Khan Bahadar Marwat, Muhammad Saeed, Muhammad Haroon, Muhammad Waqas and Shahfahad. 2013. Developing a sustainable and eco-friendly weed management system using organic and inorganic mulching techniques. Pakistan Journal of Botany, 45(2): 483-486

7. **Saima Hashim**, Asad Jan, Yukari Sunohara, Mayumi Hachinohe, Hideki Ohdan and Hiroshi Matsumoto. 2012. Mutation of Alpha-Tubulin Genes in Trifluralin Resistant Water Foxtail (*Alopecurus aequalis*). **Pest Management Science**; 68: 422–429

8. **Saima Hashim**, Khan Bahadar Marwat and Yoshiharu Fujii. Inhibition and extension of radicle and hypocotyle of lettuce by allelochemicals of major weeds found in Pakistan. Proceedings of 6$^{th}$ World Congress on Allelopathy. 15-19 December 2011 Guangzhou, China

9. **Hashim S.**, Hachinohe M, Matsumoto H. 2010. Cloning and Expression Analysis of Alpha-Tubulin Genes in Water Foxtail (*Alopecurus aequalis*). **Weed Science;** 58, 89-95

10. **Saima Hashim**, Mayumi Hachinohe, Hideki Ohdan and Hiroshi Matsumoto. alpha-Tubulin gene mutation in trifluralin resistant *Alopecurus aequalis.* PP. 65. Proceedings of 34$^{th}$ Conference of Pesticide Science Society of Japan. 17-19 March 2009 Tokyo, Japan

11. **S. Hashim and A. Khan .**Effect of Holy thistle Densities on Wheat at various Seed rates. Proceedings of 17th Iranian of Plant Protection Congress, September 2006 Tehran, Iran.

12. **S. Hashim**, K.B. Marwat, I.A. Khan and Z. Hussain. 2005. Efficacy of pre and post emergence herbicides for controlling weeds in chickpea in Pakistan. PP. 379-383. Proceedings of 20th Asian Pacific Conference. 7-11 Nov. 2005 HMC, Vietnam

13. **S. Hashim**, K.B. Marwat and M.A. Khan. 2005. Response of weeds over-time to different herbicides in potato. PP. 384-387. Proceedings of 20th Asian Pacific Conference. 7-11 Nov. 2005 HMC, Vietnam.

14. **S. Hashim**, K. B. Marwat and Gul Hassan. 2002. Response of Wheat Varieties to Substituted Urea Herbicides. Pak J. Weed Sci. Res. 8(1-2): 49-55,

15. **Saima Hashim**, Khan Bahadar Marwat and Gul Hassan. Response of Wheat Varieties to Substituted Urea Herbicides, Pak. Jour. Weed Sci. Res 1-2: 49-35, 2002

16. **Saima Hashim**, Khan Bahadar Marwat and Gul Hassan. Chemical Weed Control Efficiency in Potato *(Solanum tuberosum* L.*)* Under Agro-climatic Conditions of Peshawar, Pakistan. Pak. Jour. Weed Sci. Res. 9(1-2): 105-110

**Book and Chapters**

1. Tahir Hussain Awan, Mostafa Ahmadizadeh, Khawar Jabran, **Saima Hashim**, and Bhagirath Singh Chauhan. B.S. Chauhan et al. (eds.),(2017) Domestication and Development of Rice Cultivars.(Chapter 9). ***Rice Production Worldwide***, Springer International Publishing AG (Pages 207-216) DOI 10.1007/978-3-319-47516-5_9