

DR. HUMA QURESHI (Gold Medalist)

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Researchgate: <https://www.researchgate.net/profile/Huma-Qureshi>

Google Scholar: <https://scholar.google.com/citations?user=neO7Zc4AAAAJ&hl=en>

RESEARCH INTERESTS

Plant Ecology, Invasive plants, Allelopathy, Weed management, Natural herbicides, Ethnobotany

ACADEMIC QUALIFICATIONS

- **Doctor of Philosophy – 2018 (Botany)**

- Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, Pakistan
- The University of Queensland, Australia (International Research Support Initiative Program funded by Higher Education Commission, Government of Pakistan)

Thesis Title: Ecobiological and Allelochemical Characterization of Selected Invasive Plants of Pothwar Region of Pakistan

- **Master of Philosophy – 2014 (Botany)**

Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, Pakistan

Thesis Title: Toxicity Assessment and Phytochemical Analysis of Two invasive Species

- **Master of Science – 2012 (Botany)**

Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, Pakistan

Research Title: Medico-Ethnobotanical Knowledge of Jhang Saiyidan, Islamabad, Pakistan

- **Bachelor of Science – 2009 (Botany, Zoology, Chemistry)**

University of the Punjab, Lahore, Pakistan

- **Higher Secondary School Certificate – 2007 (Biology, Chemistry, Physics)**

Board of Intermediate & Secondary Education, Rawalpindi, Pakistan

- **Secondary School Certificate – 2005 (Biology, Chemistry, Physics, Mathematics)**

Board of Intermediate & Secondary Education, Rawalpindi, Pakistan

ACADEMIC EXPERIENCE

- **Current Status: Assistant Professor of Botany (BPS-19) (09-05-2022 To-date)**

Department of Botany, University of Chakwal, Chakwal

- **Lecturer in Botany (BPS-17) (08-12-2021 to 30-04-2022)**

Government Associate College for Women, Chonnawala, Hasilpur, Bahawalpur

- **Assistant Professor of Botany (12-11-2019 to 07-12-2021)**

Institute of Biological Sciences (Botany Program), Gomal University, Dera Ismail Khan

- **Lecturer in Botany (13-11-2018 to 30-09-2019)**

Department of Botany, Government Post Graduate College (Women), Sub-Campus University of Gujrat, Satellite Town, Rawalpindi.

- **Lecturer in Biology (01-10-2013 to 31-03-2014)**

Askari College for Girls, 1-A Sarwar Road, Near Station Headquarters, Rawalpindi Cantt.

WORKSHOPS

- 1- “Sunflower Hybrid Seed Production”. May 16, 2022. Ayub Agricultural Research Institute, Faisalabad.
- 2- “Capacity Building Workshop on *Brassica* Seed Production”. February 28, 2022. Ayub Agricultural Research Institute, Faisalabad.
- 3- “Bioremediation: Eco Sustainable Green Technology”. December 2nd, 2021. Pakistan Scientific and Technological Information Center (PASTIC), Quaid-e-Azam University Campus, Islamabad, Pakistan.
- 4- “Best Practices in Writing your Dissertation or Theses and how ProQuest can Help and Support your Journey”. December 14, 2021. ProQuest Education in Partnership with Higher Education Commission, Pakistan.
- 5- “Introduction to Publishing in Academic Journals – Part 2”. November 16, 2021. ProQuest Education in Partnership with Higher Education Commission, Pakistan.
- 6- “Introduction to Publishing in Academic Journals – Part 1”. November 9, 2021. ProQuest Education in Partnership with Higher Education Commission, Pakistan.
- 7- “Policy Makers and Practitioners Awareness Workshop on Dual Use Education” organized by Pakistan Academy of Sciences (PAS), The Global Network of Science Academies (IAP) and Department of Biotechnology, Quaid-i-Azam University. March 30, 2015.
- 8- 6th one day workshop on “Impact of Bioinformatics in Life Sciences” at Muhammad Ali Jinnah University, Islamabad, Pakistan. May 9, 2015.
- 9- “Biosafety training workshop for young scientists” at Department of Biology, Allama Iqbal University, Islamabad, Pakistan. January 16, 2014.
- 10- 4th National Training Workshop on “Modern Techniques in Research on Abiotic Stress Tolerance in Plants” at Nuclear Institute for Agriculture and Biology (NIAB), Faisalabad, Pakistan. March 10th to 14th, 2014.
- 11- Two Day workshop on “Advanced quantitative analysis through SPSS and AMOS” at PASTIC National Centre, Islamabad. April 04-05, 2014.
- 12- 4th one day workshop on Bioinformatics at Muhammad Ali Jinnah University, Islamabad, Pakistan. May 4, 2013.

CONFERENCES

1. 1st International Conference on “Recent Approaches in Plant Sciences (RAPS-2022)”. Organized by: Department of Botany, University of Education, Lahore, Pakistan. March 30-31, 2022.
2. 15th National & 6th International Conference of Botany “Dynamic Trends in Plant Sciences: Fostering Environment and Food Security” (09–11 May, 2017) Sardar Bahadur Khan Women’s University, Quetta, Pakistan.
3. International conference on “Energy production from agriculture biomass and domestic wastes” at University Institute of Biochemistry and Biotechnology PMAS-Arid Agriculture University Rawalpindi. 15-17 April, 2014.
4. National conference on “Emerging trends in Bioinformatics and Computational Biology” at Muhammad Ali Jinnah University, Islamabad, Pakistan. May 25, 2013.
5. 12th National and 3rd International Conference of Botany at Quaid-i-Azam University, Islamabad, Pakistan. 1- 3 September, 2012.

SEMINARS / WEBINARS

1. Lessons Learned from the Pandemic 2023: Redesigning Clinical Care, Research, and Public Health. 27-28 September, 2023. Virtual meeting.
2. Structure-based drug design and development: Computational methods and protocols. Organized by Centre for Interdisciplinary Sciences, JIS Institute of Advanced Studies and Research (JISIISR) Kolkata, JIS University on August 27th, 2022.
3. Role of whistleblowing in global food safety organized by ICC headquarters, Global Harmonization Initiative. March 31st, 2022.
4. How to Easily Navigate Through Springer Nature Platform – Pakistan. October 12, 2021. AD Webinars. Springer Nature.
5. Invasive alien species in the Hindu Kush Himalaya Setting management targets for the next decade. 29-30th September 2021. International Centre for Integrated Mountain Development, Kathmandu, Khumaltar, Lalitpur, Nepal.
6. Step-by-step Guide on How to Prepare a Successful Paper – Pakistan. September 28th, 2021. AD Webinars. Springer Nature.
7. Role of Biodiversity Information in Global Biodiversity Information Facility (GBIF). May 18th, 2021. Department of Botany, Government College University, Lahore.
8. Ethical and cross cultural challenges in multinational environments. January 14th, 2012. University Institute of Information Technology. PMAS Arid Agriculture University, Rawalpindi.

TRAINING PROGRAMMES

1. International Short term training programme on “Impact and Panacea of Environmental Pollution: The Past, Present and Future” organized by Raj Rishi Govt. Autonomous College. 20-26 April, 2022.

SYMPOSIA

1. Current trends and future perspectives in Botanical Research. November 10, 2020. University of Okara.

GUEST SPEAKER

1. Two days international conference on theme “Idea Bankruptcy of Educationists and Thinkers” held by B.P.S. Institute of Teacher Training & Research, India. March 28 & 29, 2022.

PAPERS PUBLISHED

2024

1. Jabeen, T.; Amjad, M.S.; Ahmad, K.; Bussmann, R.W.; Qureshi, H.; Vitasović-Kosić, I. Ethnomedicinal Plants and Herbal Preparations Used by Rural Communities in Tehsil Hajira (Poonch District of Azad Kashmir, Pakistan). *Plants* 2024, 13, 1379. <https://doi.org/10.3390/plants13101379> **W**
2. Anwar, T., Qureshi, H., Jabeen, M. et al. Mitigation of cadmium-induced stress in maize via synergistic application of biochar and gibberellic acid to enhance morpho-physiological and biochemical traits. *BMC Plant Biol* 24, 192 (2024). <https://doi.org/10.1186/s12870-024-04805-2> **W**

3. Jameel, J., Anwar, T., Majeed, S. et al. Effect of salinity on growth and biochemical responses of brinjal varieties: implications for salt tolerance and antioxidant mechanisms. BMC Plant Biol 24, 128 (2024). <https://doi.org/10.1186/s12870-024-04836-9> W
4. Habib M., Fatima H., Anwar T., Qureshi H., Aisida S., Ahmad I., Ali I., Al-Mohaimeed A., Elshikh M., Razak S. & Kamal A. 2024. Green synthesis, characterization, and application of iron and molybdenum nanoparticles and their composites for enhancing the growth of *Solanum lycopersicum*. Open Chemistry, 22(1), 20230196. <https://doi.org/10.1515/chem-2023-0196> Y
5. Anwar, T., Qureshi, H., Shahzadi, S. et al. Exploring the benefits of wild plants in dietary nutrition: investigating perspectives, choices, health impacts and sustainable practices. BMC Complementary Medicine and Therapies 24, 86 (2024). <https://doi.org/10.1186/s12906-024-04379-4> (IF: 3.9) W
6. Anwaar S, Ijaz DeS, Anwar T, **Qureshi H**, Nazish M, Alrefaei AF, Almutairi MH, Alharbi SA. 2024. Boosting *Solanum tuberosum* resistance to *Alternaria solani* through green synthesized ferric oxide (Fe₂O₃) nanoparticles. Scientific Reports 14, 2375. <https://doi.org/10.1038/s41598-024-52704-1> (IF: 4.6) W
7. Talib H., Mehmood A., Amjad M.S., Mustafa A, Khan MAR, Raffi M, Khan RT, Ahmad KS, **Qureshi H**. 2024. Antibacterial, antioxidant, and anticancer potential of green fabricated silver nanoparticles made from *Viburnum grandiflorum* leaf extract. Botanical Studies 65, 4 (2024). <https://doi.org/10.1186/s40529-024-00411-5> (IF: 3.4) X
8. T. Anwar, **H. Qureshi**, S. Gull, E. H. Siddiqi, T. Chaudhary, H. M. Ali. 2024. Enhancing *Zea mays* growth and drought resilience by synergistic application of Rhizobacteria-Loaded Biochar (RBC) and externally applied Gibberellic Acid (GA). Environmental Technology & Innovation, 33, 103517, <https://doi.org/10.1016/j.eti.2023.103517> (IF: 7.1) W
9. Anwar T., **Qureshi H.**, Naeem H., Batool N. 2024. Quantitative assessment of the ethnomedicinal knowledge of wild plants used to treat human ailments. Vegetos (2024). <https://doi.org/10.1007/s42535-023-00775-2> Y
10. T. Anwar, **H. Qureshi**, F. Yasmeen, A. Hanif, E. H. Siddiqi, S. Anwaar, S. Gulf, T. Ashraf, M. K. Okla, M. F. Adil. 2024. Amelioration of cadmium stress by supplementation of melatonin and ZnO nanoparticles through physiochemical adjustments in *Brassica oleracea* var. *capitata*. Scientia Horticulturae, 322: 112493. <https://doi.org/10.1016/j.scienta.2023.112493> (IF=4.3) W
11. Tauseef Anwar, **H. Qureshi**, H. Naeem, E. H. Siddiqi, A. Hanif, S. Anwaar, Z. Noreen, J. Iqbal, B. Ali, R. Iqbal, B. A. Paray. 2024. Prospects of the Sustainability of Traditional and Ethnic Foods and their Applications for Basic Health Care in Human Society. Journal of King Saud University - Science, 36(2): 103016. <https://doi.org/10.1016/j.jksus.2023.103016> (IF= 3.8). W

2023

12. T. Anwar, F. Munwwar, **H. Qureshi**, E. H. Siddiqui, A. Hanif, S. Anwaar, S. Gul, A. Waheed, M. S. Alwahibi, A. Kamal. 2023. synergistic effect of biochar-based compounds from vegetable wastes and gibberellic acid on wheat growth under salinity stress. Scientific Reports, 13, 19024. <https://doi.org/10.1038/s41598-023-46487-0> (IF: 4.6 W) **W**
13. T. Anwar, A. Shehzadi, **H. Qureshi**, M. N. Shah, S. Danish, S. H. Salmen, M. J. Ansari. 2023. Alleviation of cadmium and drought stress in wheat by improving growth and chlorophyll contents amended with GA3 enriched deashed biochar. Scientific Reports, 13, 18503. <https://doi.org/10.1038/s41598-023-45670-7> (IF: 4.6 W) **W**
14. Anwar, T.; **Qureshi, H.**; Naeem, H.; Shahzadi, S.; Sehar, Z.; Hassan, R. 2023. Exploration of the wild edible plants used for basic health care by local people of Bahawalpur and adjacent regions, Pakistan. Foods, 12(19), 3557. <https://doi.org/10.3390/foods12193557> (IF=5.2) **W**
15. T. Anwar, **H. Qureshi**, H. Fatimah, E. H. Siddiqui, S. Anwaar, I. M. Moussa, M. F. Adil. 2023. Improvement of physio-biochemical attributes and mitigation of salinity stress by combined application of melatonin and silicon nanoparticles in *Brassica oleracea* var. *botrytis*. Scientia Horticulturae, 322: 112456. <https://doi.org/10.1016/j.scienta.2023.112456> (IF=4.3) **W**
16. Anwar T, **Qureshi H**, Fatimah H, Siddiqui EH, Anwaar S, Moussa IM, Adil MF. 2023. Elucidating effect of ZnO-Nanoparticles and melatonin on physiological adjustments and growth of *Solanum melongena* under salinity stress. Scientia Horticulturae, 322, 112455, <https://doi.org/10.1016/j.scienta.2023.112455>. (IF=4.3) **W**
17. Liaqat N, Jahan N, Khalil-ur-Rahman, Tehseen I, Anwar T, **Qureshi H**. 2023. Investigation of phytotherapeutic potential of herbal mixtures and their effects on salbutamol induced cardiotoxicity and hyperlipidemia in rabbits. Botanical Studies, 64(1), 23. <https://doi.org/10.1186/s40529-023-00394-9> (IF=3.4) **X**
18. Anwar T, Qureshi H, Fatima A, Sattar K, Albasher G, Kamal A, Ayaz A, Zaman W. 2023. *Citrus sinensis* peel oil extraction and evaluation as an antibacterial and antifungal agent. Microorganisms, 11(7):1662. <https://doi.org/10.3390/microorganisms11071662> (IF=4.5) **W**
19. Ejaz M, Raja Ni, Khan SA, Mashwani Z, Hanif A, Iqbal M, Hussain M, Syed A, Iqbal RK, Qureshi H, Anwar T, Rauf A. 2023. Biosynthesized silver nanoparticles ameliorate biotic stress in rice (*Oryza sativa*) by intrincating biochemical and mineral profile. Pak. J. Bot., 55(6): 2019-2028. [http://dx.doi.org/10.30848/PJB2023-6\(21\)](http://dx.doi.org/10.30848/PJB2023-6(21)). (IF=1.2) **X**
20. Kumar S, Rana SS, Sharma N, Iqbal RK, **Qureshi H**, Anwar T, Syed A, Elgorban AM, Eswaramoorthy R. 2023. Weed phyto-sociology and diversity in relation to conservation agriculture and weed management strategies in Northwestern Himalayas of India. Journal of King Saud University - Science, 35(6): 102728, <https://doi.org/10.1016/j.jksus.2023.102728> (IF= 3.8) **W**
21. Iqbal M, Raja NI, Khan SA, Ali A, Hanif A, Hussain M, Anwar T, **Qureshi H**, Saeed M, Rauf A, Alharbi SA, Ansari MJ, Iqbal RK. 2023. Evaluation of green synthesized silver

- nanoparticles against bacterial pathogenic strains of plants. Pak. J. Bot., 55(5): 1967-1972. [http://dx.doi.org/10.30848/PJB2023-5\(21\)](http://dx.doi.org/10.30848/PJB2023-5(21)) (IF=1.2) **X**
22. Gilani N, Maqbool T, Anwar T, **Qureshi H**. 2023. Comparative lysine production by bacterial isolates at different carbon sources. Bioscience Journal, 39, e39004. <https://doi.org/10.14393/BJ-v39n0a2023-60568> (IF=0.5) **Y**
 23. **Qureshi H**, Anwar T, Mohibullah M, Fatima S, Younas R, Habiba U, Malik L, Hanif A and Iqbal M. 2023. Paired plot experiments to assess impact of invasive species on native floral diversity in Pakistan. Frontiers in Environmental Science, 10: 1037319. doi: <https://doi.org/10.3389/fenvs.2022.1037319> (IF=5.4) **W**
 24. Anwar T, **Qureshi H**, Parveen N, Mahmood S, Haider MZ, Mumtaz S, Nawaz H, Khan SA, Hafeez A, Tipu MI, El-Rahim IHA, Alhag SK, Ahmed AE. 2023. Herbicidal effectiveness of wild poisonous plant *Rhazya stricta* using different media by the sandwich method. Pakistan Journal of Botany, 55(2): 749-754. [http://dx.doi.org/10.30848/PJB2023-2\(10\)](http://dx.doi.org/10.30848/PJB2023-2(10)) (IF=1.2) **X**

2022

25. Lazarus, J.V., et al. The COVID-19 Consensus Statement Panel (Huma Qureshi). 2022. A multinational Delphi consensus to end the COVID-19 public health threat. Nature, 611, 332–345. <https://doi.org/10.1038/s41586-022-05398-2> (IF:69.5) **W**
26. Anwar T, **Qureshi H**. 2022. Role of Biocontrol Agents in Weed Management: Recent Developments and Trends. Acta Scientiarum Polonorum-Hortorum Cultus, 21(6), 155-162. <https://doi.org/10.24326/asphc.2022.6.13> (IF:0.695) **X**
27. Liaqat N, Jahan N, Khalil-ur-Rahman, Anwar T, **Qureshi H**. 2022. Green synthesized silver nanoparticles: Optimization, characterization, antimicrobial activity and cytotoxicity study by hemolysis assay. Frontiers in Chemistry (Nanoscience), 10: 952006. doi: <https://doi.org/10.3389/fchem.2022.952006>. (IF: 5.545) **W**
28. Amjad MS, Shakoor A, Bussmann RW, **Qureshi H**. 2022. Quantitative and comparative analysis of ethnomedicinal plants from the Lasdara (Azad Jammu and Kashmir). Biotechnologie, Agronomie, Société et Environnement. 26(2): 108-120. <https://doi.org/10.25518/1780-4507.19755> (IF=1.087)
29. Semu AA, Bekele T, Cariñanos P, Anwar T, **Qureshi H**. 2022. Woody species diversity, community structure, and regeneration capacity in Central Ethiopian Urban Forest Patches. Sustainability 14(9):5164. <https://doi.org/10.3390/su14095164>. (IF:3.889)
30. Fatimah H, Naveed S, Naseer S, Anwar T, **Qureshi H**. 2022. Uses, preparation and phytochemical analysis of anti-diabetic medicinal plants in the rural Murree (Pakistan). Pakistan Journal of Pharmaceutical Sciences, 35(2): 529-537. doi: doi.org/10.36721/PJPS.2022.35.2.REG.529-537.1. (IF:0.863)

2021

31. Anwar T, **Qureshi H**, Mahnashi MH, Kabir F, Parveen N, Ahmed D, Afzal U, Batool S, Awais M, Alyami SA, Alhaider HA. 2021. Bioherbicidal ability and weed management of allelopathic methyl esters from *Lantana camara*. Saudi Journal of Biological Sciences, 28(8): 4365-4374. doi: <https://doi.org/10.1016/j.sjbs.2021.04.026>. (IF: **4.219**).
32. Anwar T, **Qureshi H**. 2021. Phytotoxic activity of bioactive compounds from four plants against selected weeds in agriculture. Acta Scientiarum Polonorum-Formatio Circumiectus, 20(1):33-42. <https://doi.org/10.15576/ASP.FC/2021.20.1.33>.
33. **Qureshi H**, Anwar T, Ali Q, Haider MZ, Habib N, Fatima S, Waseem M, Bibi Y, Arshad M, Adkins SW. 2021. Isolation of natural herbicidal compound from *Lantana camara*. International Journal of Environmental Analytical Chemistry, 101(5): 631-638. doi: <https://doi.org/10.1080/03067319.2019.1670822>. (IF: **2.826**).
34. Khan S, Rana T, Kalsoom S, Shinwari MI, Anwar T, **Qureshi H**. 2021. *Invitro* screening of *Coronopus didymus* and *Nasturtium officinale* for weed and pest control in agroecosystem. Annali di Botanica, 11: 83-90. doi: <https://doi.org/10.13133/2239-3129/16591>. (IF: **0.722**).
35. **Qureshi H**, Anwar T, Habib N, Ali Q, Haider MZ, Yasmin S, Munazir M, Basit Z, Waseem M. 2021. Multiple comparisons of diversity indices invaded by *Lantana camara*. Brazilian Journal of Biology, 81(1): 83-91. doi: <https://doi.org/10.1590/1519-6984.222147>. (IF: **1.651**).

2020

36. Gilani N, Rafique M, Akhter S, **Qureshi H**, Shoaib A, Ahmad S. 2020. Studies on the impact of key environmental variables on kashmir catfish (*Glyptothorax kashmirensis* Hora, 1923) distribution and abundance in Azad Jammu and Kashmir, Pakistan. Kuwait Journal of Science, 47(4): 72-81. (IF: **0.948**).
37. Hussain G, Anwar T, **Qureshi H**, Fatimah H, Waseem M, Arshad F, Rahseed R. 2020. Effects of lead on vegetative, propagative and physiochemical parameters of *Pisum sativum*. Proceedings of the International Academy of Ecology and Environmental Sciences, 10(2): 32-37.
38. **Qureshi H**, Anwar T, Fatima S, Akhtar S, Khan S, Waseem M, Mohibullah M, Shirani M, Riaz S, Azeem M. 2020. Invasion impact analysis of *Broussonetia papyrifera* in Pakistan. Polish Journal of Environmental Studies. 29(4): 2825-2831. doi: <https://doi.org/10.15244/pjoes/111320>. (IF: **1.699**).
39. **Qureshi H**, Anwar T, Khan S, Fatimah H, Waseem M. 2020. Phytochemical constituents of *Broussonetia papyrifera* (L.) L'He'r. ex Vent: An overview. Journal of the Indian Chemical Society, 97(01): 55-65. (IF: **0.284**). doi: <https://doi.org/10.5281/zenodo.5651019>
40. Anwar T, **Qureshi H**, Parveen N, Bashir R, Qaisar U, Munazir M, Yasmin S, Basit Z, Mahmood RT, Nayyar BG, Khan S, Khan SA, Mohibullah M, Wali M. 2020. Evaluation of herbicidal potential of *Carica papaya* leaves. Brazilian Journal of Biology, 80(3): 565-573. doi: <https://doi.org/10.1590/1519-6984.216359>. (IF: **1.651**).

2019

41. Hussain G, Anwar T, **Qureshi H**, Waseem M, Arshad F, Rahseed R. 2019. Effect of ascorbic acid seed priming on agronomic and physiochemical traits of *Pisum sativum*. Proceeding of Pakistan Academy of Science, Life and Environmental Science, 56(4): 09-14.

42. Anwar T, Ilyas N, Qureshi R, **Qureshi H**, Gilani N, Khan S, Khan SA, Fatimah H, Waseem M, Maqsood M. 2019. Evaluation of phytotoxic potential of selected plants against weeds. *Applied Ecology and Environmental Research*, 17(6): 12683-12696. doi: http://dx.doi.org/10.15666/aeer/1706_1268312696. (IF: **0.711**).
43. Anwar T, Ilyas N, Qureshi R, **Qureshi H**, Khan S, Khan SA, Fatimah H, Waseem M. 2019. Natural herbicidal potential of selected plants on germination and seedling growth of weeds. *Applied Ecology and Environmental Research*. 17(4): 9679-9689. doi: http://dx.doi.org/10.15666/aeer/1704_96799689. (IF: **0.711**).
44. Anwar T, Ilyas N, Qureshi R, **Qureshi H**, Gilani N, Khan S, Khan SA, Fatimah H, Waseem M, Mahmood RT, Maqsood M. 2019. Comparative allelopathic activity of *Rhazya stricta*, *Pinus roxburghii*, *Carica papaya* and *Lantana camara* against noxious weeds. *Applied Ecology and Environmental Research*, 17(3): 7175-7187. doi: http://dx.doi.org/10.15666/aeer/1703_71757187. (IF: **0.711**).
45. **Qureshi H**, Anwar T, Arshad M, Osunkoya OO, Adkins SW. 2019. Impacts of *Xanthium strumarium* L. invasion on vascular plant diversity in Pothwar Region (Pakistan). *Annali di Botanica*, 2019(9):73-82. doi: <https://doi.org/10.13133/2239-3129/14411> (IF: **0.722**).
46. Anwar T, Ilyas N, Qureshi R, Munazir M, Rahim BZ, **Qureshi H**, Kousar R, Maqsood M, Abbas Q, Bhatti MI, Panni MK. 2019. Allelopathic potential of *Pinus roxburghii* needles against selected weeds of wheat crop. *Applied Ecology and Environmental Research*, 17(2): 1717-1739. doi: http://dx.doi.org/10.15666/aeer/1702_17171739. (IF: **0.711**).

2018

47. Sadia S, Tariq A, Shaheen S, Malik K, Khan F, Ahmad M, **Qureshi H**, Nayyar BG. 2018. Ethnopharmacological profile of anti-arthritic plants of Asia-a systematic review. *Journal of Herbal Medicine*, 13: 08-25. doi: <http://dx.doi.org/10.1016/j.hermed.2018.08.003> (IF: **3.032**).
48. **Qureshi H**, Arshad M, Bibi Y, Ahmad R, Osunkoya OO, Adkins SW. 2018. Multivariate impact analysis of *Parthenium hysterophorus* invasion on above-ground plant diversity in Pothwar region of Pakistan. *Applied Ecology and Environmental Research*, 16(5):5799-5813. doi: http://dx.doi.org/10.15666/aeer/1605_57995813. (IF: **0.711**).
49. Anwar T, Panni MK, **Qureshi H**, Khalid S. 2018. Allelopathic management of noxious weeds in *Helianthus annuus*, *Zea mays* and *Triticum aestivum* by selected plants. *Pakistan Journal of Weed Science Research*. 24(3): 257-265. doi: [http://dx.doi.org/10.28941/24-3\(2018\)-7](http://dx.doi.org/10.28941/24-3(2018)-7).
50. Anwar T, Panni MK, Khalid S, **Qureshi H**. 2018. Appraisal of allelopathic potential of curly dock (*Rumex dentatus* L.) as a natural weed management source. *Pakistan Journal of Weed Science Research*, 24(3): 231-239. doi: [http://dx.doi.org/10.28941/24-3\(2018\)-5](http://dx.doi.org/10.28941/24-3(2018)-5).

2017

51. Anwar T, Khalid S, Mazhar R, **Qureshi H**, Rashid M. 2017. Herbicidal potential of selected species to overcome weed infestation in *Triticum aestivum*, *Zea mays* and *Helianthus annuus*. *Pakistan Journal of Weed Science Research*, 23(1): 49-63.
52. Anwar T, Khalid S, Panni MK, **Qureshi H**, Rashid M. 2017. Allelopathic effect of *Euphorbia helioscopia* on *Avena fatua*, *Rumex dentatus*, *Helianthus annuus*, *Zea mays* and

Triticum aestivum. Pakistan Journal of Weed Science Research, 23(2): 165-177. doi: <https://doi.org/10.28941/pjwsr.v23i2.691>.

53. **Qureshi H**, Arshad M. 2017. Assumptions for successful plant invasion and Pakistan's stance regarding biological pollution. *Advances in Biology & Earth Sciences*, 2(2): 143-151.
54. **Qureshi H**, Arshad M. 2017. Dual potential of allelotoxins for weed control and improved crop growth: a mini-review. *Journal of Environmental and Agricultural Sciences*, 12: 44-53.
55. Gilani N, Basharat H, **Qureshi H**. 2017. Curcumin – A review on multipotential Phytocompound. *Journal of Coastal Life Medicine*, 5(10): 455-458. doi: <https://doi.org/10.12980/jclm.5.2017J7-115>.

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ABSTRACTS

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