

PERSONAL INFORMATION

Surname, Given Name: **Abbasi, Arshad Mehmood**
Professor Associate (Tenured)
PhD/Post Doc.

Place of Birth: **Haripur, KP, Pakistan**

Citizenship: **Pakistani**

CONTACT INFORMATION

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 COMSATS University Islamabad, Abbottabad Campus
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<https://www.webofscience.com/wos/author/record/J-9314-2015?authorIds=1318864&state=%7B%7D>
<https://scholar.google.com/citations?user=ilnne1aFV4cC>
https://www.researchgate.net/profile/Arshad_Abbasi
<https://orcid.org/0000-0001-9978-3866>
<https://www.scopus.com/authid/detail.uri?authorId=26643741300>
<https://sciprofiles.com/profile/1240386#>
<http://www.springer.com/life+sciences/plant+sciences/book/978>
<https://loop.frontiersin.org/people/467474/overview>

RESEARCH INTERESTS

Ethnobiology and Ethnoecology; Medicinal, Food and Aromatic plants; Functional foods and Nutraceuticals; Polyphenolics and Antioxidants; Essential Oils; Bio-resource exploration and utilization; Food toxicology and health risk assessment.

EDUCATION

Post. Doc.	Functional foods & Nutraceuticals	2016	South China University of Technology, China
Ph.D.	Ethnomedicines & Nutraceuticals	2013	Quaid-i-Azam University, Pakistan
M. Phil.	Ethnobotany & Taxonomy	2007	Quaid-i-Azam University, Pakistan
M.Sc.	Botany	2003	University of Peshawar, Pakistan
B.Sc.	Zoology, Botany, Chemistry	1996	University of the Punjab, Pakistan
B.Ed.	Bio/chemistry	1999	University of the Punjab, Pakistan

EXPERIENCE

2021-continue	Full Time Tenured Associate Professor: COMSATS University Islamabad, Abbottabad Campus 22060, Pakistan (Teaching and Supervision of MS and PhD research students)
2014-2016	Foreign Expert: South China University of Technology, Guangzhou, China (Research supervision on Functional foods and Nutraceuticals)
2014-2016	Post Doctoral Fellow: South China University of Technology, Guangzhou, China (Research supervision on Functional foods and Nutraceuticals)
2013-2021	Assistant Professor: COMSATS University Islamabad, Abbottabad Campus 22060, Pakistan (Teaching and Supervision of MS and PhD research students)
2019-2021	Principal investigator/Senior Scientist: Study on the skin care efficacy of medicinal plants from Himalayan region. Technology Development Project awarded by Guangdong Biotechnology Co., Ltd. China. (Supervision of MS and PhD research students)
2022-2023	Principal investigator/Senior Scientist: Study of Flavoring Compounds/Polyphenolics in Aromatic Plants of the Himalayan Region-Pakistan. Guangzhou Kaihong Flavour & Fragrance Co., Ltd., Guangzhou China. (Supervision of MS and PhD research students)
2015-2016	Principal investigator/Senior Scientist: Phytochemical profiling, antioxidant, and anticancer properties of Mango (<i>Mangifera</i>) cultivars used in Guangdong Province-China – China.
2018-2020	Principal investigator/Senior Scientist: Phytochemical profiling and in vitro antioxidant activity of selected

	edible wild fruits consumed by local communities of Lesser Himalayas-Pakistan. (Supervision of MS and PhD research students).
2018-2020	Principal investigator/Senior Scientist: Impact of Environment on Phytochemicals Content, Antioxidant and Antimicrobial Activities in <i>Allium cepa</i> , Pakistan (Supervision of MS and PhD research students).
2017-2020	Senior Scientist: Evaluation, adaptation studies and popularization of Kiwi Fruit in different ecologies (upper and lower altitudes) of Hazara division. PARC, Pakistan. (Supervision of MS and PhD research students).
2018	Visiting Scientist: Diffused University and Slow Food Event (Terra Madre Salone del Gusto 2018), in Turin, Italy. Organized by Terra Madre Foundation Turin Italy.
2018	Regional Delegate: Plant Foraging in Lesser Himalaya. Organized by University of Gastronomic Sciences Pollenzo Italy.
2015	Visiting Scientist: Seminar on: Ethno-Ecological Knowledge of Food. Organized by University of Gastronomic Sciences Pollenzo Italy.
2015	Regional Delegate: The 8 th International Exhibition for Nutraceuticals and Functional Foods, Wuxie Jiangsu Province China.
2015	Visiting Scientist: International Symposium on Phytochemicals in Medicine and Food, Shanghai, China.
2009-2013	Research Associate: Quaid-i-Azam University, Islamabad, Pakistan
2005-2007	Research Fellow: Quaid-i-Azam University, Islamabad, Pakistan
2005-2007	Lecturer Biology: Islamabad Model College, F-8/4 Islamabad, Pakistan
2001-2002	Research Assistant: National Institute of Health (NIH) Islamabad, Pakistan

MEMBERSHIP AND ACTIVITIES IN PROFESSIONAL ASSOCIATIONS

International Society of Ethnobiology
 Society of Ethnobiology, University of North Texas, USA.
 American Chemical Society (ASC)
 American Botanical Council
 Asian Council of Science Editors
 Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
 Pakistan Society of Plant Taxonomists
 Board of Studies, Environmental Sciences Department CUI, Abbottabad, Pakistan
 Board of Studies, Botany Department Peshawar University, Pakistan
 Graduate Research Committee, Hazara University Mansehra Pakistan
 Graduate Academic Review Committee, Hazara University, Pakistan
 Graduate coordinator (MS/PhD) CUI, Abbottabad, Pakistan
 Secretary Departmental Advisory Committee, CUI, Abbottabad, Pakistan
 Academic Review Committee, CUI Abbottabad, Pakistan

AWARDS, GRANTS, SCHOLARSHIPS, CERTIFICATES

- Top 2% most influential scientists of the world by Stanford University/Elsevier [2022 and 2023]
- Outstanding Research Awards by Higher Education Commission of Pakistan [2014, 2015, 2017]
- Post Doc. fellowship by South China University of Technology [2014-2016]
- International Research Support Program grant by HEC-Pakistan (2011) as visiting researcher at Cornell University, USA
- Best Researcher Awards by CUI, Pakistan [2017, 2019]
- Research Productivity Awards by CUI, Pakistan [2013, 2014, 2015, 2016, 2017]
- Certificate of Appreciation by CUI-Abbottabad, Pakistan on valuable research and academic contributions-(2023)
- Certificate of Asian Council of Science Editors-(2021)
- Reviewer Certificate (2020 & 2019). *Journal of Food Science* (Wiley)
- Outstanding Contribution in Reviewing (2017 & 2018). *Brazilian Journal of Pharmacognosy*
- Certificate of Reviewing (2018). *Food Research International*
- Certificate of Training (2018). Environmental Journalism
- Certificate of Outstanding Contribution in Review (2018, 2017, 2016). *Journal of Ethnopharmacology*
- Certificate of Outstanding Contribution in Review (2017). *Journal of Food Composition and Analysis*.
- Certificate of Outstanding Contribution in Review (2017 & 2016). *Journal of Herbal Medicines*
- Certificate of Reviewing (2016). *Food Chemistry*

WORKSHOPS, SEMINARS, CONFERENCE

- Keynote Speaker: Public outreach seminar on Current Environmental Challenges and Way Forward, and One day training workshop on Research Design and Communication. Organized by Government Post Graduate College # 1, Abbottabad. December 8, 2023.
- Keynote Speaker: Public outreach seminar and training workshop on Research Proposal and Research article writeup. Organized by Government Post Graduate College, Mandian, Abbottabad. November 23, 2023.
- 1st International Online Seminar on “Traditional Medicine during COVID-19” “Ethnomedicines and Environmental Health in COVID-19 Pandemic. Organized by: Universitas Atma Jaya Yogyakarta Indonesia and Saint Louis University Philippine. July 16, 2020.
- One day workshop on "Management and Digitization of Herbarium" at *Qarshi Industries Pvt. Ltd. Hattar-Haripur*. March 5, 2020
- National Conference on Beneficial Microbes and Sustainable Crop Production. In Agriculture University Peshawar. Feb. 16-20, 2020
- International Conference on Recent Updates in Biotechnology. Organized by Abdul Wali Khan University Mardan. October 16-18, 2019
- AASSA-PAS Regional Workshop. Organized by Pakistan Academy of Sciences. August 19-20, 2019
- 8th International Conference on Environmentally Sustainability Development (ESDve-2019) Abbottabad-Pakistan. Organized by Department of Environmental Sciences, COMSATS Institute of Information Technology, Abbottabad--Pakistan. August 21-23, 2019.
- 1st National Conference on Updates in Pharmacy Profession and Research. Hosted by Department of Pharmacy, CUI, Abbottabad Campus. July 29-30, 2019
- 6th International Conference on: “Sustainable Agriculture in Changing Climate: Strategies and Management. Hosted by Faculty of Agriculture, University of Poonch Rawlakot, AJ&K. June 19- 21, 2019
- International conference on “Environmental Toxicology & Health Public. Hosted by Department of Environmental Sciences, CUI, Vehari Campus. February 26-28, 2019.
- Diffused University and Slow Food Event (Terra Madre Salone del Gusto 2018), in Turin, Italy. Organized by Terra Madre Foundation Turin Italy from September 19-25, 2018.
- Seminar on: Plant Foraging in Lesser Himalaya. Organized by University of Gastronomic Sciences Pollenzo Italy. February 19-25, 2018.
- Annual meeting/Workshop on Hindu Kush Karakoram Pamir Landscape (HKPL). Organized by Department of Development Studies, COMSATS Institute of Information Technology, Abbottabad--Pakistan and ICIMOD. November 9-10, 2017
- 7th International Conference on Environmentally Sustainability Development (ESDve-2017) Abbottabad-Pakistan. Organized by Department of Environmental Sciences, COMSATS Institute of Information Technology, Abbottabad--Pakistan. August 25-28, 2017.
- 6th International and 15th National Conference on Dynamic Trends in Plant Sciences: Fostering Environment. Organized by SBK Women University Quetta-Pakistan. May 9-11, 2017
- 6th International Conference on Environmentally Sustainability Development (ESDve-2016) Abbottabad-Pakistan. Organized by Department of Environmental Sciences, COMSATS Institute of Information Technology, Abbottabad--Pakistan. April 25-27, 2016.
- Seminar on: Ethno-Ecological Knowledge of Food. Organized by University of Gastronomic Sciences Pollenzo Italy. February 22-27, 2015
- The 8th International Conference and Exhibition for Nutraceuticals and Functional Foods, Wuxie Jiangsu Province China. Organized by the International Society for Nutraceuticals and Functional Foods. September 21-23, 2015.
- International Symposium on Phytochemicals in Medicine and Food. June 26-29, 2015, Shanghai, China.
- Second International Conference on Global Environmental Changes. Organized by GC University, Faisalabad. February 25-26, 2014
- International Conference of Asian Monsoon and Climate Change. Organized by COMSATS Institute of Information Technology, Islamabad. January 20-21, 2014.
- 12th National and 3rd International Conference of Botany. Organized by Pakistan Botanical Society, at Quaid-i-Azam University, Islamabad. September 1-3, 2012.
- 1st National Conference on “Poverty Alleviation through Sustainable Management of Biodiversity in Pakistan”. Organized by Institute of Plant Sciences and Biodiversity, University of Swat. September 29-30, 2012.
- International workshop on ‘Medicinal Plants: Conservation and Sustainable Use’. Quaid-i-Azam University, Islamabad. December 8-10, 2011.

- International conference “Biodiversity is our life”. Center for biodiversity and conservation. Shah
- Abdul Latif University, Kherpur Sindh. Pakistan. December 29-31, 2010.
- Two-days workshop on marketing and conservation of medicinal Plants in Pakistan. Organized by NIH, Islamabad, Pakistan. April 2-4, 2010.
- International workshop on Modern Techniques for the analysis of Ecological data. Pakistan Museum of Natural History, Islamabad. September 29, 2009.
- One day seminar on water crises and challenges in Pakistan. Organized by Quaid-i-Azam University, Islamabad. 6 July 2006.
- National conference on conservation of herbs and medicinal plants for commercial exploitation. Organized by National Agricultural Research Council, Islamabad. April 14-16, 2005.
- Two-days seminar on indigenous development of innovative technologies in the field of renewable energy, Best Western Hotel Islamabad. August 22-23, 2005.
- Training workshop in Applied Ethnobotany (Medicinal Plants Conservation and Management Issues in Pakistan. Organized by Worldwide Fund for Nature, Pakistan. July 20-24, 2000.

RESEARCH GRANTS AND INTERNATIONAL AND NATIONAL PROJECTS

- **Principal Investigator:** Study of Flavoring Compounds/Polyphenolics in Aromatic Plants of the Himalayan Region-Pakistan. Technology Development Project awarded by Guangzhou Kaihong Flavour & Fragrance Co., Ltd., Guangzhou China, 2022.
- **Principal Investigator:** Study on the skin care efficacy of medicinal plants from Himalayan region. Technology Development Project awarded by Guangdong Biotechnology Co., Ltd. China, 2019.
- **Principal Investigator:** Phytochemical profiling, antioxidant, and anticancer properties of Mango (*Mangifera*) cultivars used in Guangdong Province-China – China. Awarded by Guangdong Post doctoral Grant program China.
- **Principal Investigator:** Phytochemical profiling and in vitro antioxidant activity of selected edible wild fruits consumed by local communities of Lesser Himalayas-Pakistan awarded by COMSATS University Pakistan
- **Principal Investigator:** Impact of Environment on Phytochemicals Content, Antioxidant and Antimicrobial Activities in *Allium cepa* awarded by COMSATS University Pakistan
- **Senior Researcher:** Evaluation, adaptation studies and popularization of Kiwi Fruit in different ecologies (upper and lower altitudes) of Hazara division. Awarded by Pakistan Agriculture Research Council.
- **Principal Investigator:** Ethnobotanical and nutraceutical investigation of wild edible fruits and vegetables used by the tribal communities of Lesser Himalayas-Pakistan Awarded by Higher education commission of Pakistan.

REVIEWER AND EDITOR OF THE PEER-REVIEW JOURNALS

- Journal of Ethnobiology and Ethnomedicine (**Senior Editor**)
- Functional Properties of Food and Beverage-Foods Journal (**Guest Editor**)
- Ethnobotany Research and Applications (**Editor**)
- International Journal of Food and Bioscience (**Editor**)
- Current Trends in Biotechnology and Biochemistry (**Editor**)
- The Open Biotechnology Journal (**Editor**)
- Journal of Horticulture (**Editor**)
- World Journal of Biological Chemistry (**Editor**)
- Clinical Gastronomy Journal (**Editor**)
- Journal of Medical Research and Case Reports (**Editor**)
- Journal of Advanced Research on Botany (**Editor**)
- Journal of Innovative Bioresearch (**Associate Editor**)
- Annals of Nutritional Food and Current Research (**Editor**)
- Int. J. Earth Science and Environmental Toxicol. (IJESET) USA, (**Editor**)
- Journal of Colitis & Diverticulitis (**Editor**)
- Trends in Internal Medicine (**Editor**)
- Annals of Applied Sciences (**Editor**)
- Journal of Wildlife and Ecology (**Editor**)

Reviewer

- Food and Function (Royal Society of Chemistry)
- Food Chemistry (Elsevier)

- Food Science & Nutrition (Wiley)
- Food Research International (Elsevier)
- Journal of Food Composition and Analysis (Elsevier)
- Journal of Ethnopharmacology (Elsevier)
- Journal of Herbal Medicines (Elsevier)
- Journal of Taibah University Medical Sciences (Elsevier)
- Pharmaceutical Biology (Informa Healthcare)
- International Journal of Food Properties (Taylor & Francis)
- PLOS ONE
- European Journal of Medicinal Plants
- South African Journal of Botany (Elsevier)
- Brazilian Journal of Pharmacognosy

STUDENTS, SUPERVISOR AND CO-SUPERVISOR

PhD Students

1. Nusrat Niazi (Completed in 2023): Impact of Environmental Factors on phytochemical profiling and bioactive potential of Onion,
2. Sobia Zama (Completed in 2023): Genetic diversity and bioactive potential in *Nasturtium officinale*.
3. Muhammad Amin (2019-continue): Ethnobotany of Kohistan region, KP-Pakistan
4. Kamran Ali Khan (2022-continue): Role of Sea buck Thorn in soil fertility and human health.

Master Students

1. Sara Wajid	Completed	18	Sajawal Khan	Completed
2. Muhammad Amin	Completed	19	Malehia Bibi	Completed
3. Hina Abbasi	Completed	20	Tyba Rehman	Completed
4. Muhammad Huzaifa	Completed	21	Kalloom Bibi	Completed
5. Hamna Arshad	Completed	22	Khola Khanum	Completed
6. Iqra Saeed	Completed	23	Arshia Kanwal	Completed
7. Bibi Zanib	Completed	24	Summan	Completed
8. Mareena Aslam	Completed	25	Aniqa Tanveer	Completed
9. Aqsa Rafiq	Completed	26	Arffa Sabha	Registered
10. Mahnoor Zafar	Completed			
11. Sana Jadoon	Completed			
12. Saba Malik	Completed			
13. Amrat Shakoor	Completed			
14. Asia Farooq	Completed			
15. Bibi Maryum	Completed			
16. Zainab Kayani	Completed			
17. Zanib Ayaz	Completed			

LIST OF PUBLICATIONS

BOOKS

1. **Arshad Mehmood Abbasi**, Rainer W. Bussmann (2021). Ethnobiology of Mountain Communities in Asia. Springer Cham, Springer Nature Switzerland AG. ISBN 978-3-030-55493-4. <https://doi.org/10.1007/978-3-030-55494-1>
2. **Arshad Mehmood Abbasi**, Munir Hussain Shah, Mir Ajab Khan (2015). Wild Edible Vegetables of Lesser Himalayas: Ethnobotanical and Nutraceutical Aspects, Volume 1. Springer Cham, Springer International Publishing Switzerland. ISBN 978-3-319-09542-4. <https://doi.org/10.1007/978-3-319-09543-1>
3. **Arshad Mehmood Abbasi**, Mir Ajab Khan, Mushtaq Ahmad, Muhammad Zafar (2012). Medicinal Plant Biodiversity of Lesser Himalayas-Pakistan. Springer, New York, USA. ISBN 978-1-4614-1574-9. <https://doi.org/10.1007/978-1-4614-1575-6>

BOOK CHAPTERS

1. Faiz M., Altaf M., Umair M., Almarry K., **Abbasi AM***. (2023). Traditional Uses of Animals in the Himalayan Region of Azad Jammu and Kashmir in: Edible and Medicinal Plants: From Ethnopharmacological Practices to Interdisciplinary Approaches and Regulations. Edited by X. Y. Zhang XY., Dias ACP, Lopes NP. Published by *Frontiers in Pharmacology*. ISSN 1664- 8714, ISBN 978-2-83251-526-6, DOI 10.3389/978-2-83251-526-6
2. Amjad MS., Khurshid R., **Abbasi AM.**, Altaf M., Qureshi H., Abasi F. (2021). Ethnobotany of Western Himalayan Region, Azad Jammu and Kashmir, Pakistan. In: Abbasi AM and Bussmann RW. (eds.) *Ethnobiology of Mountain Communities in Asia*. Springer Nature Switzerland AG. Pp: 88-101. https://doi.org/10.1007/978-3-030-55494-1_5
3. Sadia S., Ahmad KS., Mehmood A., Nawaz F., Ahmed H., Hameed M., Ahmad F., Rani W., **Abbasi AM.** (2021). Plant Resources and Their Uses in Salt Range, Pakistan. In: Abbasi AM and Bussmann RW. (eds.) *Ethnobiology of Mountain Communities in Asia*. Springer Nature Switzerland AG. Pp: 164-172. https://doi.org/10.1007/978-3-030-55494-1_8
4. Bashir SM., Altaf M., Umair M., Zahoor S., Amjad MS., Abbasi AM. (2021). Ethnomedicinal Uses of Animals in Vicinity of Ayubia National Park, Khyber Pakhtunkhwa-Pakistan. In: Abbasi AM and Bussmann RW. (eds.) *Ethnobiology of Mountain Communities in Asia*. Springer Nature Switzerland AG. Pp: 221-227. https://doi.org/10.1007/978-3-030-55494-1_11
5. Tiwari A., Kunwar RM., Bussmann RW., Paniagua-Zambrana NY., Hussain W., **Abbasi AM.**(2021). *Abies pindrow* (Royle ex D. Don.) Royle *Abies spectabilis* (D. Don) Spach Pinaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_6-2
6. Paudel HJ., Poudel P., Kunwar RM., Sher H., Rahman IU., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Aesculus indica* (Wall. ex Cambess.) Hook. Sapindaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_13-1
7. Bijaya DG., Bhandari J., Gautam D., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua- Zambrana NY. (2021). *Juglans regia* L. Juglandaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_132-1.
8. Panta, K., Sher, H., Jan HM., Rehman IU., Hussain W., **Abbasi AM.**, Kunwar R.M., Bussmann R.W., Paniagua-Zambrana N.T. (2021). *Arisaema flavum* (Forssk.) Schott Araceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_26-2
9. Abbasi AM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Astragalus candolleanus* Royle ex Benth. *Astragalus chlorostachys* Lindl. *Astragalus hendersonii* Baker *Astragalus peduncularis* Royle ex Benth. Fabaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_31-1
10. Bhandari J., Bijaya D., Dhungana S., Thapa, N., Kunwar, RM., Jan, HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Bauhinia variegata* L. *Bauhinia vahlii* Wight & Arn. Fabaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_34-2
11. Jan HM., Sher H., Rahman IU., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua- Zambrana NY. (2021). *Bergenia ciliata* Sternb. Saxifragaceae. *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_36-1
12. Sher H., Rahman IU., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Bistorta amplexicaulis* (D. Don) Greene, *Bistorta vivipara* (L.) S.F. Gray, Polygonaceae In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_39-1
13. Khatri S., Jan HA., Abbasi AM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Cassia fistula* L. *Cassia occidentalis* L. Fabaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer Cham. https://doi.org/10.1007/978-3-030-45597-2_49-1.
14. Abbasi AM., Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Celtis australis* L. Cannabaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_53-1
15. Hussain W., Jan HA., **Abbasi AM.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NP. (2021). *Ephedra gerardiana* Wall. ex Stapf. Ephedraceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. Doi:10.1007/978-3-030-45597-2_76-1
16. Jan HA., **Abbasi AM.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Cannabis sativa* L. Cannabaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_45-2
17. Sher H., Ur Rahman I., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Capparis spinosa* L. Capparaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_46-2.
18. Poudel RC., Jan HA., Hussain W., **Abbasi AM.**, Kunwar RM., Bussmann RW. (2021). *Cedrus deodara* (Roxb. ex D. Don) G. Don Pinaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*.

- Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_51-2
19. Dangol DR., Jan HA., **Abbasi MA.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Chenopodium album* L. Amaranthaceae. In: Kunwar R.M., Sher H., Bussmann
 20. R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_54-2
 21. Shrestha I., Kunwar RM., Hussain W., Jan HA., Abbasi AM., Bussmann RW., Paniagua- Zambrana NY. (2021). *Juniperus communis* L. Cupressaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_134-1
 22. Jan HA., **Abbasi AM.**, Hussain W., Bussmann RW., Paniagua-Zambrana NY. (2021). *Indigofera heterantha* Wall. ex Brandis. Fabaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_124-1
 23. Paudel RM., Kunwar RM., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Mallotus philippensis* (Lam.) Mu" ll.-Arg. Euphorbiaceae In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_147-2
 24. Poudyal BH., Aryal S., Kunwar RM., Jan AM., **Abbasi AM.**, Bussmann, RW., Paniagua- Zambrana NY. (2021). *Phyllanthus emblica* L. Phyllanthaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_183-2
 25. Sher H., Jan HA., **Abbasi AM.**, Rahman IU., Bussmann RW., Paniagua-Zambrana NY. (2021). *Pistacia atlantica* Desf. *Pistacia integerrima* Stewart ex Brandis, *Pistacia khinjuk* Stocks. Anacardiaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_187-1
 26. Jan HA., Sher H., Rahman IU., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Primula denticulata* Sm, *Primula macrophylla* D. Don, *Primula reptans* Hook. Ex Watt. Primulaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_196-1
 27. **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Pyrus communis* L. *Pyrus pashia* Buch. ex D. Don. Rosaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_200-1
 28. Parajuli R., Paudel A., Jan HA., Hussain W., **Abbasi AM.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Rosa brunonii* Lindl. *Rosa macrophylla* Lindl. *Rosa sericea* Lindl. *Rosa webbiana* Wall. ex Royle. Rosaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_206-1
 29. Khaniya L., Bhattarai R., Jan HA., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua- Zambrana NY. (2021). *Rubus ellipticus* Sm. *Rubus foliolosus* Weihe & Nees. *Rubus fruticosus* L. *Rubus irritans* Focke. Rosaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_208-1
 30. Luintel S., Gyawali S., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Taraxacum campyloides* G.E. Haglund. *Taraxacum officinale* F.H. Wigg. *Taraxacum sikkimense* Hand.-Mazz. Astreaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_242-1
 31. Sher H., Kunwar RM., Bussmann RW., Paniagua-Zambrana NY., Rahman IU., Turi MA., Hussain W., Ullah M., Jan HA., **Abbasi AM.** (2021). *Isatis stocksii* Boiss. Brassicaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_127-1
 32. Kafle MR., Kunwar RM., Jan HA., **Abbasi AM.**, Bussmann R.W., Paniagua-Zambrana N.Y. (2021). *Woodfordia fruticosa* (L.) Kurz. Lythraceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_260-1
 33. Jan HA., **Abbasi AM.**, Turi MA., Bussmann RW., Paniagua-Zambrana NY. (2021). *Urtica dioica* L. Urticaceae. In: Kunwar RM., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham.
 34. Sapkota B., Poudel P., Thapa R., Sherchan J., Kunwar RM., Jan AH., Abbasi AM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Zanthoxylum armatum* DC. *Zanthoxylum oxyphyllum* Edgew. Rutaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_261-1 33.
 35. Adhikari B., Sher H., Jan HA., Rahman I., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Berberis aristata* DC. *Berberis asiatica* Roxb. Ex DC. *Berberis chitria* Lindl *Berberis glaucocarpa* Stapf *Berberis lycium* Royle *Berberis orthobotrys* Bien. ex Aitch. ssp. *orthobotrys* *Berberis vulgaris* L. Berberidaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_35-1
 36. Jan H.A., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021) *Cichorium intybus* L. Asteraceae. In: Kunwar

- RM., Sher H., Bussmann RW. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_56-1
37. Jan H.A., **Abbasi MA.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Papaver dubium* L. *Papaver nudicaule* L. *Papaver somniferum* L. *Papaveraceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_172-2
38. Jan HA., **Abbasi AM.**, Sher H., Bussmann RW., Paniagua-Zambrana NY.(2021). *Peganum harmala* L. *Nitrariaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_177-2
39. Jan HA., Sher H., Rahman I., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua- Zambrana NY. (2021). *Pinus gerardiana* Wall. ex Lamb. *Pinus roxburghii* Sarg. *Pinus wallichiana* A. B. Jacks. *Pinaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_186-1
40. Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Olea ferruginea* Royle *Oleaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_164-1
41. Chalise P., Paneru YR., Sher H., Rahman I., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Podophyllum hexandrum* Royle *Berberidaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_192-1
42. Sher H., Rahman I., Jan HA., **Abbasi MA.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Verbascum thapsus* L. *Scrophulariaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_254-1
43. Ghimire N., Kunwar RM., Hussain W., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Betula utilis* D. Don *Betulaceae*. In: Kunwar R.M., Sher H., Bussmann R.W.(eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_37-1
44. Jan HA., Hussain W., **Abbasi AM.**, Sher H., Bussmann RW., Paniagua-Zambrana NY.(2021). *Elaeagnus angustifolia* L. var. *angustifolia* L. *Elaeagnaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_90-1
45. Kattel AM., Sher H., Rahman I., Hussain W., Jan HA., **Abbasi AM.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021). *Plantago depressa* Willd *Plantago lanceolata* L. *Plantago major* L. *Plantago ovata* Forssk. *Plantaginaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_188-1
46. Bhatt MD., Kunwar RM., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Skimmia anquetilia* Tayl. & Airy Shaw. *Skimmia arborescens* T. Anderson ex Gamble *Skimmia laureola* (DC.) Sieb. & Zucc. ex Walp. *Skimmia melanocarpa* Rehder & E. H. Wilson *Skimmia multinervia* Huang *Rutaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_228-1
47. Sher H., Ur-Rahman I., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Viola biflora* L. *Viola canescens* Wall. *Viola odorata* L. *Viola pilosa* Blume *Viola rupestris* F.W. Schmidt *Viola suavis* M. Bieb. *Violaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_258-1
48. Jan HA., Hussain W., **Abbasi AM.**, Kunwar RM., Bussmann RW., Paniagua-Zambrana NY. (2021) *Geranium collinum* Stephan ex Willd. *Geranium nepalense* Sweet *Geranium wallichianum* D. Don ex Sweet *Geraniaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_110-2
49. Joshi L.R., Bhatta S., Paudel HR., Kunwar RM., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Justicia adhatoda* L. *Acanthaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_136-2
50. Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Datura stramonium* L. *Solanaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_77-2
51. Jan H.A., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Duchesnea indica* (Andews) Teschem. *Rosaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_88-2
52. Charmakar S., Kunwar RM., Kafley MN., Pradhan DK., Jan HA., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Daphne bholua* Buch.-Ham. ex D. Don. *Daphne mucronata* Royle *Daphne papyracea* Wall. ex G. Don. *Thymelaeaceae*. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) *Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions*. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_76-2
53. Shresta S., Kunwar RM., Jan HA., **Abbasi AM.**, Bussmann R.W., Paniagua-Zambrana N.Y. (2021) *Fragaria nubicola* (Hook. f.)

- Lindl. ex Lacaita Rosaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_103-2.
54. Kunwar L., Gautam S., Dhami N., Jan HA., Turi MA., Hussain WH., **Abbasi AM.**, Sher H., Kunwar RP., Bussmann RW., Paniagua-Zambrana NY. (2021). *Solanum aculeatissimum* Jacq. *Solanum nigrum* L. *Solanum surattense* Burm. f. Solanaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_230-2
55. Sharma G., Poudel P., Thapa R., Lamichhane S., Poudel HR., Devkota HP., Kunwar RM., Jan HA., Sher H., Rahman I., **Abbasi AM.**, Bussmann RW., Paniagua-Zambrana NY. (2021). *Rumex nepalensis* Spreng. *Rumex hastatus* D. Don *Rumex longifolius* DC. Polygonaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_209-1
56. Pokharel YR., Kunwar RM., Bussmann RW., Paniagua-Zambrana NY., **Abbasi AM.** (2021) *Hippophae rhamnoides* L. ssp. *turkestanica* Rousi *Hippophae rhamnoides* L. *Hippophae salicifolia* D. Don *Hippophae tibetana* Schltld. Elaeagnaceae. In: Kunwar R.M., Sher H., Bussmann R.W. (eds) Ethnobotany of the Himalayas. Ethnobotany of Mountain Regions. Springer, Cham. https://doi.org/10.1007/978-3-030-45597-2_117-2
57. Shah, G.M., **Abbasi A.M***, Hussain M., Saeed H. (2018). Ethnobotanical studies on trees of the Lesser Himalayan region in Pakistan. In: *Plant Diversity in the Himalaya Hotspot Region. Vol. II*. Edit. Dr. Abhaya Prasad Das and Subir Bera. Bishen Sing Mahendra Pal Singh. 23-A, Dehra Dun - 248 001 (INDIA). ISBN: 978-81-211-0985-7
58. Shah, G.M., Hussain, M., **Abbasi, A.M***. (2016). *Medicinal Plants Used to Treat Respiratory Tract Illness in Kaghan Valley, Himalayan Region-Pakistan*, in Allergic Diseases: Recent Advances. ISBN: 978-0-9962745-9-3. SM Group Publishers USA.
59. Khan, MS., Zhang, X., You, L., Fu, X., **Abbasi, A.M.**, (2015). *Structure and Bioactivities of Fungal Polysaccharides*, in Polysaccharides. Pp: 1851-1866 Springer International Publishing Switzerland, 2014. DOI 10.1007/978-3-319-03751-6_28-1.

PUBLICATIONS WITH PEER REVIEW PROCESS (* CORRESPONDING AUTHOR)

- | | | | |
|--|------|-------|----|
| 1. Babula, S.M., Natarag, N., Chen, T., Chen, S.M., Lou, B., Abbasi, A.M. , Mohaimeed, A.M., Elshikh, M.S., Yu, J. (2024). Rational construction of micro-plate like iron oxide/aluminum oxide fabricated screen-printed carbon electrode for the electrochemical detection of the antiandrogen drug. <i>Environmental Science Nano</i> , DOI:10.1039/D3EN00808H | 2024 | 7.301 | Q1 |
| 2. Jamil, H.M.A., Gatashah, M.K., Ahmad, R., Ibrahim, K.E., Khan, S.A., Usman, I., Shahzad, M., Abbasi, A.M* . (2024). Ectomycorrhiza and ethylenediurea reduced the impact of high nitrogen and ozone stresses and increased the growth of <i>Cedrus deodara</i> . <i>Heliyon</i> , https://doi.org/10.1016/j.heliyon.2024.e2863 | 2024 | 4.000 | Q1 |
| 3. Albuquerque, U.P., Maroyi, A., Ladio, A.H., Pieroni, A., Abbasi A.M. , Toledo, B.A., Dahdouh-Guebas, F., Hallwass, G., Soldati, G.T., Odonne, G., Vandebroek, I., de Santayana, M.P., Jacob, M.C.M., da Fonseca-Krue, V.S., Ferreira Júnior, F.S. (2024). Advancing ethnobiology for the ecological transition and a more inclusive and just world: a comprehensive framework for the next 20 years. <i>Journal of Ethnobiology and Ethnomedicines</i> , (2024) 20:18. | 2024 | 3.411 | Q1 |
| 4. Khan, A.M., Altaf, Hussain, T., Ayoub, A., Memon, Z., Hafiz, A., Ashraf, S., Safdar, U., Ajmad, M.S., Majeed, M., Bussmann, RW., Abbasi, AM. , Al-Yafarsi, H., Elansary, H.O., Mahmoud, E.A. (2024). Ethnopharmacological uses of fauna among the people of central Punjab, Pakistan. <i>Frontier in Veterinary Science</i> . Accepted | 2024 | 3.210 | Q1 |
| 5. Peng, Y., Zhu, X., Yang, G., Zhang, J., Wang, R., Shen, Y., Li, H., Gatashah, M.K., Abbasi, AM* , Yang, X. (2024). Ultrasonic extraction of <i>Moringa oleifera</i> seeds polysaccharides: optimization, purification, and anti-inflammatory activities. <i>International Journal of Biological Macromolecules</i> 258 (2): 128833 | 2024 | 8.024 | Q1 |
| 6. Mahmood, M.Z., Odeibat, H.M., Ahmad, R., Gatashah, M.K., Shahzad, M., Abbasi, A.M* . (2024). Low apoplasmic Na ⁺ and intracellular ionic homeostasis confer salinity tolerance upon Ca ₂ SiO ₄ chemigation in <i>Zea mays</i> L. under salt stress. <i>Frontier in Plant Sciences</i> , 4:1268750. | 2024 | 6.627 | Q1 |
| 7. Gafforov, Y., Rašeta, M., Zafar, M., Makhkamov, T., Yarashcheva, M., Chen, J., Zhumagul, M., Wang, M., Ghosh, S., Abbasi, A.M. , Yuldashev, A., Mamarakhimov, O., Alosaimi, A.A., Berdieva, D., Rapior, S. (2024). Exploring the biodiversity and ethnobotanical significance of <i>Solanum</i> species in Uzbekistan: unveiling the cultural wealth and ethnopharmacological uses. <i>Frontier in Pharmacology</i> , 14:1287793. | 2024 | 5.988 | Q1 |
| 8. Devi, KR., Ganesan, M., Chen, T., Chen, S., Abbasi AM. , Ali, M.A., Elshikh, M.S., Yu, J., Chuang, H., Xu, B., Ravi, S.K. (2023) MXene-interdigitated Holey-graphene oxide nanocomposite for simultaneous detection of antibiotic and anticancer drugs with ultra-high sensitivity. <i>Chemical Engineering Journal</i> , 474, 15: 145693. | 2023 | 15.10 | Q1 |

9. Ismanto, A., Hadibarata T., Kristanti RA., Sugianto DN., Widada S., Satriadi A., Anindita MA., Al-Mohaimed AM., **Abbasi AM.** (2023). A novel report on the occurrence of microplastics in Peka longan River Estuary, Java Island, Indonesia. *Marine Pollution Bulletin* 196, 115563
10. Ismanto, A., Hadibarata, T. Sugianto, DN., Zainuri, M., Kristanti, RA., Wisna, UJ., Hernawan, U., Anindita, MA., Gonsilou, AP., Elshikh, MS., Al-Mohaimed, AM. **Abbasi AM.** (2023). First evidence of microplastics in the water and sediment of Surakarta city river basin, Indonesia. *Marine Pollution Bulletin* 196: 115677
11. Ahmed, J., Sajjad, Y., Gatashah, M.K., Ibrahim, K.E., Huzafa, M., Khan, S.A., Situ, C., **Abbasi, A.M*.**, Hassan, A. (2023). Genome-wide Identification of NAC Transcription Factors and Regulation of Monoterpenoid Indole Alkaloid Biosynthesis in *Catharanthus roseus*. *Frontier in Plant Science*, 14: 1286584 <https://doi.org/10.3389/fpls.2023.1286584>
12. Rashid, S., Ahmad, R., Azeem, M., Al Farraj, DA., Khan, SA., Elshikh, MS., **Abbasi AM*.** (2023). Synthesis of *Rumex hastatus* based silver nanoparticles induced the inhibition of human pathogenic bacterial strains. *Arabian Journal of Chemistry*, (2023) 16, 104710
13. Devi KR., Ganesan M., Chen T., Chen SM., Lou BS., Almohaimed AM., **Abbasi AM.**, Ali MA., Yu J., Manojkumar N., Chang YF. (2023). Perovskite-type tellurium-doped nickel stannate nanorods for highly sensitive electrochemical detection of arsenic drug roxarsone in food and environmental samples. *Colloids and Surfaces A: Physicochemical and Engineering*, 676, Part B, 132226
14. Bashir MS., Altaf M., Hussain T., Umair U., Majeed M., Mangrio WM., Khan AM., Gulshan AB., Hamed MH., Amjad MS., Bussmann RW., **Abbasi AM.**, Casini R., Elansary HO. (2023) Vernacular taxonomy, cultural and ethnopharmacological applications of avian and mammalian species in the vicinity of Ayubia National Park, Himalayan region. *Biology* 2023, 12(4), 609;
15. Hussain S., Sher H., Ullah Z., Elshikh MS., Farraj DAA., Ali A., **Abbasi AM*.** (2023). Traditional uses of edible mushrooms among the local communities of Swat, Pakistan. *Foods*, 2023, 12, 1705
16. Ullah, W., Ahmad K., Ullah S., Tahir AM., Javed MF., Nazir A., **Abbasi AM.**, Aziz M., Mohamed A. (2023). Analysis of the relationship among land surface temperature (LST), land use land cover (LULC), and normalized difference vegetation index (NDVI) with topographic elements in the lower Himalayan region. *Heliyon* 9 (2023) e13322
17. Yousaf MI., Hussain, Q., Alwahibi MS., Aslam MZ., Khalid MZ., Hussain S., Zafar A., Shah SAS., **Abbasi AM.**, Mehboob, A., Riaz MW., Elshikh MS. (2023). Impact of heat stress on agromorphological, physico-chemical and fiber related parameters in upland cotton (*Gossypium hirsutum* L.) genotypes. *Journal of King Saud University-Sciences*, 35(1):102379
18. Zahid, N., Khan, SA., Al-Hamaid, FM., Shah, MM., Al Farraj, DA., Elshikh MS., Ahmad, R., Alghmdi MA., **Abbasi, AM*** (2023). In vitro and in silico validation of antibacterial potential of *Pinus roxburghii* and *Cedrus deodara* leaves' extract against human pathogenic bacteria. *Journal of King Saud University-Sciences*, 35(2): 102518
19. Mumtaz S., Ali A., Sharif HM., Aljowaie RM., Alsaleh AN., Khan H., Naeem M., **Abbasi AM*.** (2023). Assessment of sunscreen effects in photosensitivity under UV exposure during COVID-19 pandemic. *Journal of King Saud University-Science*, 35(10): 102970
20. Amin M., Aziz MA., Pieroni A., Nazir A., Al-Ghamdi AA., Kangal A., Ahmad K., **Abbasi AM*** (2023). Edible wild plant species used by different linguistic groups of Kohistan Upper Khyber Pakhtunkhwa (KP), Pakistan. *Journal of Ethnobiology and Ethnomedicines*, (2023) 19:6
21. Iqbal KJ., Altaf M., Umair M., Hussain T., Ahmad RM., Pieroni A., **Abbasi AM.**, Ali S., Ashraf S., Amjad N., Khan AM., Bussmann RW. (2023). Cross cultural-diversity analysis: Traditional knowledge and uses of freshwater fish species by indigenous peoples of Southern Punjab, Pakistan. *Journal of Ethnobiology and Ethnomedicines*, (2023) 19:4
22. Penzy, K., Muhammad, S., Shahzad, M., Hussain, I., Khan, S.A., **Abbasi, A.M.**, Khan, I., Ahmad, R. (2023). Industrial wastewater irrigation increased higher heavy metals uptake and expansins, metacaspases, and cystatin genes expression in *Parthenium* and maize. *Environmental Monitoring Assessment* (2023) 195: 1430.
23. Asif, M., Ahmad, R., Pervez, A., Al Farraj, DA., Elshikh, MS., Shahzad, M., Irshad, U., **Abbasi AM*** (2023). Combination of melatonin and plant growth promoting rhizobacteria improved the growth of *Spinacia oleracea* L. under the arsenic and cadmium stresses. *Physiological and Molecular Plant Pathology*. 127, (2023), 102097.
24. Ahmad, Z, Farooq MA., Fatima, A., Nisa SG., Ismat, B., Iqbal, I., Chaudhary, HJ., Alaklabi, A., Al

- Farraj, DA., **Abbasi AM.**, Munis, HF. (2023). Molecular diagnosis of red rot of sugarcane in Pakistan and in vitro control of isolated pathogen using rhizobacteria. *Plant Protection Science*, 59, 2023 (2): 124–133
25. Zeb I., Yousaf S., Ali M., Yasmeen A., Khan AZ., Tariq JA., Zhao Q., **Abbasi AM.**, Ahmed R., Khalil TM, Bilal M. (2022). In-situ microaeration of anaerobic digester treating buffalo manure for enhanced biogas yield. *Renewable Energy*, 181: 843–850
26. Al-Mohaimeed AM., **Abbasi AM.**, Ali MA., Shazhni JRA. (2022). Detection of trizole contaminated wastewater using biocatalyst and effective biodegradation potential of flubendiamide. *Environmental Research*, (206): 112264
27. Al-Mohaimeed AM., **Abbasi AM.**, Ali AA, Dhas DD. (2022). Reduction of multiple antibiotics from the wastewater using coated glutathione S-transferase producing biocatalyst, *Environmental Research*, (206): 112262
28. Muhammad I., Yang L., Ahmad S., Mosaad ISM., Al-Ghamdi AA., **Abbasi, AM.**, Zhou XB. (2022). Melatonin application alleviates stress-induced photosynthetic inhibition and oxidative damage by regulating antioxidant defense system of maize: a meta-analysis. *Antioxidants*, 11 (3), 512
29. Azeem M., Zaman T., **Abbasi AM***, Abid M., Mozuratis R., Alwahibi MS., Elshikh MS. (2022). Pesticidal potential of some wild plant essential oils against grain pests *Tribolium castaneum* (Herbst, 1797) and *Aspergillus flavus* (Link, 1809). *Arabian Journal of Chemistry*, 15, 103482
30. Li C., Peng Y., Tang, W., Li T., Gatasheh M.K., Rasheed R.A., Fu J., He J., Wang W., Shen Y., Yang Y., Chen Y., **Abbasi AM***. (2022). Antioxidant, Anti-lipidemic, Hypoglycemic and Antiproliferative Effects of phenolics from Cortex Mori Radicis. *Arabian Journal of Chemistry*, 15 (6): 103824
31. Faiz, M., Altaf M., Umair M., Almarry, K.S., Elbadawi, Y.B., **Abbasi A.M***. (2022). Traditional uses of animals in the Himalayan region of Azad Jammu and Kashmir. *Frontiers in Pharmacology*, 13, 807831
32. Haq SM., Hassan M., Jan HA., Al-Ghamdi AA., Ahmad K., **Abbasi AM*** (2022). Traditions for future cross-national food security-Food and foraging practices among different native communities in the Western Himalayas. *Biology*, 11, 455
33. Zahoor, I., Anjum, N., Ganaie, TA., Allai, FM., Al-Ghamdi, AA., **Abbasi AM.**, Wani, SA. (2022). Effect of hybrid drying technique on non-traditional Chicory (*Cichorium intybus*L.) herb: Phytochemical, antioxidant characteristics, and optimization of process conditions. *Frontiers in Sustainable Food Systems*, 6:1002396.
34. Zouirech, O., Kara, M., Ousaaid, D., Assouguem, A., Almutairi, SM., Al-Hemaid, FM., Rasheed, RA., Ullah, R. **Abbasi, AM.**, Mikou K. (2022). In vitro Study of the phytochemical composition and antioxidant, immunostimulant and haemolytic activities of *Nigella sativa* (Ranunculaceae) and *Lepidium sativum* seeds. *Molecule* 2022, 27, 5946.
35. Hayat H., Tahir AA., Wajid S, **Abbasi AM.**, Zubair F., Hashmi ZR., Khan A., Khan AJ., Irshad M. (2022). Simulation of the Meltwater under RCP Climate Change Scenarios in a Poorly Gauged Snow and Glacier-fed Chitral River Catchment (Hindukush Region). *Geocarto International* 37(1): 103–119
36. Bibi N., Shah MH., Khan N., Al-Hashimi A., Elshikh MS., Iqbal I., Ahmad S., **Abbasi AM***. (2022). Variations in Total Phenolic, Total Flavonoid Contents, and Free Radicals' Scavenging Potential of Onion Varieties Planted under Diverse Environmental Conditions. *Plant*, 11(7): 950.
37. Rafiq, A., Shah, M.H., Mohany, M., Tahir, A.A., Elsadek, M.F., Qayyum, M.A., **Abbasi, A.M***. (2022). Evaluation of Potentially Toxic Trace Metals and Associated Health Risk Assessment in Buffalo Milk. *International Journal of Environmental Research and Public Health*, 2022, 19, 19, 14678. <https://doi.org/10.3390/ijerph192214678>
38. Qayyum HA, Rahman MH. **Abbasi AM.** (2022). Multivariate investigation of toxic and essential metals in the serum from various types-and-stages of colorectal cancer patients. *Biological Trace Element Research* 200 (1), 31-48
39. Muhammad, I., Yang, L., Ahmad, S., Farooq, S., Al-Ghamdi, A.A., Khan, A., Zeeshan, M., Elshikh, M.S., **Abbasi, A.M.**, Zhou, X.B. (2022). Nitrogen fertilizer modulates plant growth, chlorophyll pigments and enzymatic activities under different irrigation regimes. *Agronomy*, 12(4), 845
40. Kholaiq, M., Benmessaoud, S., Kara, M., Assouguem, A., **Abbasi AM.**, Al-Ghamdi, AA., Rahimi, A., Saber, N. (2022). Sustainability of Coastal Agriculture in the Face of Soil Degradation: The Influence of Water Salinization as an Example. *Sustainability* 2022, 14(20), 13641
41. Rasheed, RA., Embaby, AS., A. Elkhamisy, FA., Mohamed, MO., **Abbasi AM.**, Ghaly, WBA., 2022 3.829 Q1

- Elshaer, MAA., Almaary, KS., Almoatasem, MAM. (2022). Ascorbic acid alleviates oxidative stress and improves major salivary glands' structure and function in diabetic rats: A histological and immunohistochemical study. *Journal of King Saud University-Science*, 34 (2022) 102273
42. Sultan M., Siddique, M., Khan, R., Fallatah, A.M., Fatima, N., Shahzadi, I., Waheed, U., Bilal, M., Ali, A., **Abbasi AM*** (2022). Ligustrum lucidum Leaf Extract-Assisted Green Synthesis of Silver Nanoparticles and Nano-Adsorbents Having Potential in Ultrasound- Assisted Adsorptive Removal of Methylene Blue Dye from Wastewater and Antimicrobial Activity. *Materials* 15(5), 1637
43. Rahman Q., Nadeem MS., Umair M., Altaf M., Ni J., **Abbasi AM.**, Jameel MA., Peironi A., Hamed MH., Ashraf S., Sadaf T. (2022). Medicinal waterbirds in the traditional healthcare system: An Assessment of Biodiversity-Cultural Linkages in Eastern Khyber Pakhtunkhwa, Pakistan". *Journal of Ethnobiology and Ethnomedicines*, (2022) 18:57
44. Adil S., Altaf, M., Hussain, T., Umair M., Ni, J., **Abbasi AM.**, Ashraf, S. (2022). Cultural and Medicinal Use of Amphibians and Reptiles by Indigenous People in Punjab, Pakistan with Comments on Conservation Implications for Herpetofauna. *Animals*, 12(16), 2062
45. Ayaz Z., Zainab B., Rashid U., Darwish NM., Gatasheh M.K., **Abbasi AM*** (2022). In silico Screening of synthetic and natural compounds to inhibit the binding capacity of heavy metal compounds against EGFR protein of lung cancer. *BioMed. Research International*, (2022): 2941962
46. Zaman S., Shah K., Zaman B., Sayal AU., Naqvi STA., Shah MM., Hussain J., Hassan A., **Abbasi AM.**, Ahmad R. (2022). Determination of genetic diversity, sinigrin contents and elicitors-induced enhancement of sinigrin in *Nasturtium officinale* L. *Turkish Journal of Agriculture and Forestry*. Turkish Journal of Agriculture and Forestry 46 (1), 59-72
47. Aziz, MA. **Abbasi AM.**, Saeed S., Ahmed A., Pieroni A. The Inextricable Link between Ecology and Taste: Traditional Plant Foraging in NW Balochistan, Pakistan. *Economic Botany*, 76, 34–59
48. Abbas, Z., Bussmann, RW., Khan SM., **Abbasi AM.** (2022). A review of current trends and future directions in the medical ethnobotany of Gilgit-Baltistan (Northern Pakistan). *Ethnobotany Research and Applications* 24(18): 1-13
49. Altaf M., **Abbasi AM.**, Amjad MS., Nazer S., Umair M. (2022). Wildlife as a source of SARS-CoV-2 evolution. *Pakistan Journal of Zoology*, 54(4): 1899-1904
50. Khan, Y., Khan, S.M., Haq, I., Farzana, F., Abdullah, **Abbasi AM.**, Alamri S., Hashem M., Sakhi S., Asif M., Shah H. (2021). Antioxidant potential in the leaves of grapes varieties (*Vitis vinifera* L.) grown in different soil types. *Arabian Journal of Chemistry*, 14(11): 103412
51. Bibi N., Shah MH., Khan N., Mahmood Q., Aldosari AA., **Abbasi AM***. (2021) Analysis and health risk assessment of heavy metals in some onion varieties. *Arabian Journal of Chemistry*. 14, 103364
52. Haq SM., Yaqoob U., Calixto ES., Hashem A., Allah EF., Alakeel MA., Alqarawi AA., AbdallM., Hassan MU., Bussmann RW., **Abbasi AM.**, Rahman IU. Plant resources utilization among different ethnic groups of Ladakh in Trans Himalayan Region. *Biology*, 10, 827.
53. Arockiaraj J., Raju SV., Sarkar P., Pasupuleti M., **Abbasi AM.**, Al-Farraj DA., Elshikh MS., Elumalai P., Harikrishnan R., Rahman MA. 2021. Antibacterial Activity of RM12, a Tachykinin Derivative, Against *Pseudomonas aeruginosa*. *International Journal of Peptide Research and Therapeutics*, 27, 2571–2581
54. Zainab B., Ayaz Z., Rashid U., Al Farraj AA., Alkufeidy RA., AlQahtany FS., Aljowaie RM., **Abbasi AM***. (2021). Role of persistent organic pollutants in Breast Cancer Progression and Identification of Estrogen Receptor Alpha Inhibitors using In-silico Mining and Drug-drug Interaction Network Approaches. *Biology* 10, 681.
55. El-Serafy RS., El-Sheshtawy ANA., Atteya AKG., Al-hashimi A., **Abbasi AM.**, Seed IA. (2021). Seed priming with silicon induced salt stress tolerance in *Lathyrus odoratus*. *Plants* 10, 2140.
56. Saeed I., Guo X., Azeem M., Elshikh MS., Zainab B., Ayaz Z., You L., Alwahibi MS., **Abbasi AM***. Comparative Assessment of Polyphenolics' Content, Free Radicals' Scavenging and Cellular Antioxidant Potential in Apricot Fruit. *Journal of King Saud University – Science*. 33(5):101459
57. Abbas Z., Kousar S., Aziz MA., Pieroni A., Aldosari AI., Bussmann RW., Raza Z., **Abbasi AM***. (2021). Comparative assessment of medicinal plant utilization among Balti and Shina communities in the periphery of Deosai National Park, Pakistan. *Biology*, 10, 434.

58. Li C., Wang, E., Elshikh, MS., Alwahibi, MS., Wang, W., Wu, G., Shen Y., **Abbasi AM***, Shan, S. 2021 6.212 Q1
2021. Extraction and purification of total flavonoids from *Gnaphalium affine* D. Don and their evaluation for free radicals' scavenging and oxidative damage inhibition potential in mice liver. *Arabian Journal of Chemistry*. 14, 103006
59. Majid, I., Hussain S., Nanda V., **Abbasi AM.**, Alkahtani J., Elshikh MS., Jabeen F., KhanMA., Usmani S., Ansar MJ. (2021). Changes in major flavonols and quercetin glycosides upon sprouting in onion cultivars. *Journal of King Saud University - Science*, 33: 101222.
60. Lu G., Shan S., Zainab B., Ayaz Z., He J., Xie Z., Rashid U., Zhang D., **Abbasi AM*** (2021). Novel Vaccine Design Based on Genomics Data Analysis-A Review. *Scandinavian Journal of Immunology*, 93: e12986: 1-21
61. Manduzai AK., **Abbasi AM.**, Khan SM., Abdullah, Prakofjewa J., Amini MH., Amjad MS., Cianfaglione K., Fontefrancesco MF., Soukand R., Pieroni A. (2021). The importance of keeping alive sustainable foraging practices: Wild vegetables and herbs used and remembered by Afghan refugees living in Mansehra District, Pakistan. *Sustainability*. 13, 1500
62. Vandebroek I., Pieroni A., Stepp J., Hanazaki N., Ladio A., Alves RR., Picking D., DelgodaR., Maroyi A., van Andel T., Quave C., Paniagua-Zambrana N., Bussmann R., Odonne G., **Abbasi AM**, Albuquerque et al. (2020). Reshaping the future of ethnobiology research after the Covid-19 pandemic. *Nature Plants*. 6, 723–730
63. Umair M., Sun N., Du H., **Abbasi AM.**, Wen J., Yu W., Zhou J., Liu C. (2020). Differential stoichiometric responses of shrubs and grasses to increased precipitation in a degraded karst ecosystem in Southwestern China. *Science of the Total Environment*, 700(15): 134421
64. Abbasi H., Shah MH., Mohiuddin M., Elshikh MS., Hussain Z., Alkahtani J., Alwahibi MS., **Abbasi AM***. Quantification of heavy metals and health risk assessment in processed fruits' products. *Arabian Journal of Chemistry*. 13:8965-8978.
65. Parveen R., **Abbasi AM.**, Shaheen N, Shah MH. (2020). Accumulation of selected metals in the fruits of medicinal plants grown in urban environment of Islamabad, Pakistan. *Arabian Journal of Chemistry*. 13(1): 308-317
66. Aziz MA., **Abbasi AM.**, Ullah Z., Pieroni A. (2020). Sharing traditional knowledge in Hindukush: wild plant foraging among different linguistic and religious groups in the Ishkoman and Yasin valleys, Northern Pakistan. *Foods* 2020, 9, 601; doi:10.3390/foods9050601
67. Arshad H., Zahid M., Shah MH., **Abbasi AM***. (2020). Evaluation of Heavy Metals in Cosmetic Products and their Health Risk Assessment. *Saudi Pharmaceutical Journal*, 28(7): 779-790
68. Amjad MS., Zahoor U., Bussmann RW., Altaf M., Gardazi SMH., **Abbasi AM*** (2020). Ethnobotanical survey of the medicinal flora of Harighal, Azad Jammu & Kashmir, Pakistan. *Journal of Ethnobiology and Ethnomedicines*. (2020) 16:65.
69. Majeed M., Bhatti KH., Amjad MS., **Abbasi AM.**, Nawaz F., Rashid A., Bussmann RW., Mahmood M., Ahmad KS. (2020). Ethno-veterinary uses of Poaceae in Punjab, Pakistan. *PloS one* 15 (11), e0241705
70. Haq, SM., Calixto, EX., Yaqoob U., Ahmed, R., Mahmoud, AH., Bussmann, RW., Mohammed, OB., Ahmad, K., **Abbasi AM***. (2020). Traditional usage of wild fauna among the local inhabitants of Ladakh, Trans-Himalayan region. *Animals*. 10, 2317
71. Kakar A., Hayat T., **Abbasi AM.**, Pervez A., Mahmood Q., Farooq U., Akbar TA., Ali S., Rizwan M., El-Serehy HA., Abdel-Daim M. (2020). Risk Assessment of Heavy Metals in Selected Marine Fish Species of Gadani Ship-Breaking Area, Pakistan. *Animals*. 10(10), 1738
72. Alam K., A. Al Farraj D., Mah-e-Fatima S., Yameen A., Elshikh MS., Alkufeidy RM., El-Zaher A., Mustafa MA., Bhasme P., Alshammari MK., **Abbasi AM***, Naqvi TA. (2020). Anti-biofilm activity of plant derived extracts against infectious pathogen-*Pseudomonas aeruginosa* PAO1. *Journal of Infection and Public Health*. 13: 1734-1741
73. Ayaz Z., Zainab B., Khan S., **Abbasi AM.**, Elshikh MS., Munir A., Al-Ghamdi AA., Alajmi AH., D. Alsubaie Q., El-Zaher A., Mustafa MA. (2020). In Silico authentication of amygdalinas a potent anticancer compound in the bitter kernels of family Rosaceae. *Saudi Journal of Biological Sciences*, 27(9):2444-2451
74. Altaf M., **Abbasi AM***, Umair M., Amjad MS., Irshad K., Khan AM. (2020). The use of fish and herptiles in traditional folk therapies in three districts of Chenab riverine area in Punjab, Pakistan. *Journal of Ethnobiology and Ethnomedicines*. 16:38
75. Zainab B., Ayaz Z., S. alwahibi M., Khan S., Rizwana H., Soliman DW., Alawaad A., **Abbasi AM*** 2020 4.400 Q1

- (2020). In-silico elucidation of *Moringa oleifera* phytochemicals against Diabetes Mellitus. *Saudi Journal of Biological Sciences*. 27(1): 163–172.
76. Chen Y., Al-Ghamdi AA., Elshikh MS., Shah MH., Al-Dosary MA., **Abbasi AM*** (2020). Phytochemical Profiling, Antioxidant and HepG2 Cancer Cells' Antiproliferation Potential in the Kernels of Apricot Cultivars. *Saudi Journal of Biological Sciences*. 27(1): 163–172
77. Jamil HMA., Ahmed A., Irshad U., Al-Ghamdi AA., Elshikh MS., Alaraidh IA., Al-Dosary MA., **Abbasi AM***, Ahmad R. (2020). Identification and inoculation of fungal strains from *Cedrus deodara* rhizosphere involves growth and alleviation of high nitrogen stress. *Saudi Journal of Biological Sciences*, 27(1): 524-534
78. Zainab B., Ayaz Z., Munir A., Mahmoud AH., Elsheikh MS., Mehmood A., Khan S., Rizwan M., Jahangir K., **Abbasi AM*** (2020). Repositioning of Strongly Integrated Drugs against Achromatopsia (CNGB3). *Journal of King Saud University-Science*. 32 (2020) 1793–1811
79. Haroon B., Hassan A, **Abbasi AM.**, Ping A, Yang S, Irshad M. (2019). Effects of co- composted cow manure and poultry litter on the extractability and bioavailability of trace metals from contaminated soil irrigated with wastewater. *Journal of Water Reuse and Desalination*. 10 (1): 17–29
80. Farooq A., Amjad MS., Ahmad K., Altaf M., Umair M., **Abbasi AM*** (2019). Ethnomedicinal knowledge of the rural communities of Dhirkot, Azad Jammu and Kashmir, Pakistan. *Journal Ethnobiology and Ethnomedicine*. 15:45
81. Umair M., Sun N., Yuan J, **Abbasi AM.**, Wen J., Jinxing W., Li C. (2019). Differential metabolic responses of shrubs and grasses to water additions in arid karst region, southwestern China. *Scientific Report*: 9: 9613.
82. Tariq H., Zia M., Haq I., Muhammad SA., Khan SA., Fatima N., Mannan A., **Abbasi AM***, Zhang M. (2019). Antioxidant, Antimicrobial, Cytotoxic and Protein Kinase Inhibition Potential in *Aloe vera* L. *BioMed. Research International*. doi.org/10.1155/2019/6478187
83. Ullah S., Nazir A., Ahmad K., **Abbasi AM.**, Tahir, A. (2019). Analysis and simulation of land cover changes and their impacts on land surface temperature in a lower Himalayan region", *Journal of Environmental Management*, 245(1): 348-357
84. Wang H., Chen L., **Abbasi AM.**, Guo X., Liu RH. (2019). Comparative Study of Phenolic Profiles, Antioxidant and Antiproliferative Activities in Different Vegetative Parts of Ramie (*Boehmeria nivea* L.). *Molecules*, 24, 1551
85. Zhang F., Liu F., **Abbasi AM.**, Chang X., Guo X. (2019). Effect of Steaming Processing on Phenolic Profiles and Cellular Antioxidant Activities of *Castanea mollissima*. *Molecules*, 24, 703.
86. Shan S., Huang X., Shah MH., **Abbasi AM*** (2019). Evaluation of Polyphenolics Content and Antioxidant Activity in Edible Wild Fruits. *BioMed Research International*. 1381989: 1-11
87. Umair M., Altaf M., Bussmann RW., **Abbasi AM*** (2019). Ethnomedicinal uses of the local flora in Chenab riverine area, Punjab province Pakistan. *Journal of Ethnobiology and Ethnomedicine*. 15:7
88. Guo X., Wang L., Chang X., Li Q., **Abbasi AM*** (2019). Influence of plant growth regulator on key-coding genes expression associated with phytochemicals biosynthesis and antioxidant activity in soybean (*Glycine max* (L.) Merr) sprouts. *International Journal of Food Science & Technology*. 54, 771–779
89. Abbas, Z., Alam J, Khan SM, Hussain M, **Abbasi AM** (2019). Diversity, ecological feature, and conservation of a high montane flora of the Shigar valley (Karakorum range) Baltistan region, northern Pakistan. *Pakistan Journal of Botany*, 51(3): 985-1000
90. Haroon B., **Abbasi AM.**, Faridullah, Pervez A., Irshad M. (2018). Chemical Characterization of Cow Manure and Poultry Manure after Composting with Privet and Cypress Residues. *Communications in Soil Science and Plant Analysis*. 49(22): 2854-2866
91. Altaf M., Umair M., Abbasi AR., Muhammad N, **Abbasi AM*** (2018). Ethnomedicinal applications of animal species by the local communities of Punjab, Pakistan. *Journal of Ethnobiology and Ethnomedicine* 14:55
92. Chang X., Lu Y., Lin Z., Qiu J., Guo X., Pan J., **Abbasi AM***. (2018). Impact of Leaf Development Stages on Polyphenolics Profile and Antioxidant Activity in *Clausena lansium* (Lour.) Skeels. *BioMed Research International*, 1-8, doi.org/10.1155/2018/7093691.
93. Gao Y, Guo X, Liu Y, Zhang M, Zhang R, **Abbasi AM**, You L, Li T, Liu RH. (2018). Comparative assessment of phytochemical profile, antioxidant capacity and anti-proliferative activity in

- different varieties of brown rice (*Oryza sativa* L.). *LWT-Food Science and Technology*, 96: 19–25
94. Hamad A., Arfan M., Khan SA., Fatima N., **Abbasi AM***, Mannan A. (2018). Evaluation of antioxidant, antimicrobial and cytotoxic potential in *Artemisia vulgaris* L. *Revista Române de Medicină de Laborator* 26 (4): 431-444. 2018 1.027 Q2
 95. Liu L, Chen L, **Abbasi AM**, Wang Z, Li D, Shen Y. (2018). Optimization of extraction of polyphenols from Sorghum Moench using response surface methodology, and determination of their antioxidant activities. *Tropical Journal of Pharmaceutical Research* 17 (4): 619-626. 2018 0.533 Q3
 96. Liu H, Mao J, Yan S, Yu Y, Xie L, Hu JG, Li T, **Abbasi AM**, Guo X., Liu RH. (2018). Evaluation of carotenoid biosynthesis, accumulation and antioxidant activities in sweet corn (*Zea mays* L.) during kernel development. *International J. of Food Science & Technology*, 53:381-388 2018 3.713 Q1
 97. Rehman R, Rashid S, SA, Ali A, Nazir A, Azeem M, Manan A, **Abbasi AM*** (2018). Cystatin Genes Identification and Antibacterial Activity in Medicinal Plants Used Against Clinical Pathogens. *SYLWAN* 2(162): 62-90. 2018 0.287 Q3
 98. Abbas Z, Khan SM, Alam J, Khan SW, **Abbasi AM*** (2017). Medicinal plants used by inhabitants of the Shigar Valley, Baltistan region of Karakorum range-Pakistan. *Journal of Ethnobiology and Ethnomedicine* 13: 53. 2017 3.404 Q1
 99. Umair M, Altaf M, **Abbasi AM*** (2017). An ethnobotanical survey of indigenous medicinal plants in Hafizabad district, Punjab-Pakistan. *PLoS ONE* 12(6): e0177912. 2017 3.752 Q1
 100. Altaf M., Javid A., Umair M., Iqbal KJ., Rasheed Z., **Abbasi AM***. (2017). Ethnomedicinal and cultural practices of mammals and birds in the vicinity of river Chenab, Punjab-Pakistan. *Journal of Ethnobiology and Ethnomedicine* 13:41 2017 3.404 Q1
 101. Guo R., Guo X., Hu X., **Abbasi AM.**, Zhou L., Li T., Fu X., Liu RH. (2017). Fabrication and Optimization of Self-Microemulsions to Improve the Oral Bioavailability of Total Flavones of *Hippophae rhamnoides* L. *Journal of Food Science*, 82(12): 2901-2910. 2017 3.90 Q1
 102. Chen Y., Shen Y., Fu X., **Abbasi AM.**, Yan R. (2017). Stir-frying treatments affect the phenolics profiles and cellular antioxidant activity of *Adinandra nitida* tea (Shiyacha) in daily tea model. *International Journal of Food Science and Technology*, 52: 1820–1827, 2017 3.713 Q1
 103. Wang J., Ye Y., Li Q., **Abbasi AM.**, Guo X. (2017). Assessment of phytochemicals, enzymatic and antioxidant activities in germinated mung bean (*Vigna radiata* L. Wilezek). *International Journal of Food Science & Technology*. 52, 1276–1282 2017 3.713 Q1
 104. Wen L., Guo R., You L., **Abbasi AM.**, Li T., Fu X., Liu RH. (2017). Major triterpenoids in Chinese hawthorn "*Crataegus pinnatifida*" and their effects on cell proliferation and apoptosis induction in MDA-MB- 231 cancer cells. *Food and Chemical Toxicology*, 100 (2017) 149-160. 2017 6.023 Q1
 105. **Abbasi AM***, Liu F., Guo X., Fu X., Li T., Liu RH. (2017). Phytochemical composition, cellular antioxidant capacity and antiproliferative activity in mango (*Mangifera indica* L.) pulp and peel. *International Journal of Food Science & Technology*. DOI: 10.1111/ijfs.13341 2017 3.713 Q1
 106. Abbas Z., Khan SM., **Abbasi AM***, Pieroni A., Ullah Z., Iqbal M., Ahmad Z. (2016). Ethnobotany of the Balti community, Tormik valley, Karakorum range, Baltistan, Pakistan. *J. Ethnobiology and Ethnomedicines*, 12-38 2016 3.600 Q1
 107. Zhou L., Lin X., **Abbasi AM.**, Zheng B. (2016). Phytochemical Contents and Antioxidant and Antiproliferative Activities of Selected Black and White Sesame Seeds. *BioMed. Research International*. 2016 3.264 Q2
 108. Wen L., Zheng G., You L., **Abbasi AM.**, Li T., Fu X., Liu RH. (2016). Phytochemical profiles and cellular antioxidant activity of *Malus doumeri* (bois) chevalier on 2,2'-azobis (2-amidinopropane) dihydrochloride (ABAP)-induced oxidative stress. *Journal of Functional Foods* 25: 242-256. 2016 5.600 Q1
 109. Zhu Y., Li T., Fu X., Brennan M., **Abbasi AM.**, Zheng B., Liu RH. (2016). The use of an enzymatic extraction procedure for the enhancement of highland barley (*Hordeum vulgare* L.) phenolic and antioxidant compounds. *Inter. J. Food Science & Technology*. DOI: 10.1111/ijfs.13165 2016 3.713 Q1
 110. Ye Y., Sun-Waterhouse D., You L., **Abbasi AM.** (2017). Harnessing food-based bioactive compounds to reduce the effects of ultraviolet radiation: a review exploring the link between food and human health. *International Journal of Food Science & Technology* DOI: 10.1111/ijfs.13344 2016 3.713 Q1
 111. Geng S., Chen Y., **Abbasi AM.**, Ma H., Mo H., Liu B. (2016). Tannin fraction from *Ampelopsis grossedentata* leaves tea (Tengcha) as an antioxidant and a-glucosidase inhibitory 2016 3.713 Q1

- nutraceutical. *International Journal of Food Science and Technology*. doi:10.1111/ijfs.13259
112. Chen C., Zhang B., Fu X., You L.J., **Abbasi AM.**, Liu RH. (2016). The digestibility of mulberry fruit polysaccharides and its impact on lipolysis under simulated saliva, gastric and intestinal conditions. *Food Hydrocolloids*, 58: 171-178
 113. Wu S., Fu X., You L., **Abbasi AM.**, Meng H., Liu D., Aadil RM. (2016). Antioxidant, antitumor and immunomodulatory activities of water-soluble polysaccharides in *Abrus cantoniensis*. *International Journal of Biological Macromolecules*, doi:10.1016/j.ijbiomac.2016.04.005
 114. Wang H., Chen G., Guo X., **Abbasi AM.**, Liu RH. (2016). Influence of the stage of ripeness on the phytochemical profiles, antioxidant and antiproliferative activities in different parts of Citrus reticulata Blanco cv. Chachiensis. *LWT-Food Science and Technology*. Doi: 10.1016/j.lwt.2016.01.021
 115. Chen C., You L.J., **Abbasi AM.**, Fu X., Liu RH., Li C. (2016). Characterization of polysaccharide fractions in mulberry fruit and assessment of their antioxidant and hypoglycemic activities in vitro. *Food & Function*. DOI: 10.1039/c5fo01114k
 116. Lai Q., Wang H., Guo X., **Abbasi AM.**, Wang T., Li T., Fu X., Li J., Liu RH. 2016. Comparison of phytochemical profiles, antioxidant and cellular antioxidant activities of seven cultivars of Aloe. *International Journal of Food Science and Technology*, DOI: 10.1111/ijfs.13093
 117. **Abbasi AM***, Shah MH, Guo X., Khan N. (2016). Comparison of Nutritional Value, Antioxidant Potential, and Risk Assessment of the Mulberry (*Morus*) Fruits. *International Journal of Fruit Science*, DOI: 10.1080/15538362.2015.1061960
 118. Luo Y., Li C., **Abbasi AM.**, Hou Y., Fu X. (2016). Screening of bioflocculant-producing bacteria and its application in clarification process of sugarcane juice. *International Sugar Journal*, 118(1405): 30-40.
 119. **Abbasi, A.M***, Guo, X., Fu, X., Zhou, L., Chen, Y., Zhu, Y., Yan, H., Liu, R.H., (2015). Comparative Assessment of Phenolic Content and *in Vitro* Antioxidant Capacity in the Pulp and Peel of Mango Cultivars. *International Journal of Molecular Sciences*, 16: 13507-13527
 120. **Abbasi AM***, Shah MH, Li, T., Fu, X., Guo, X., Liu, RH. (2015). Ethnomedicinal values, phenolic contents and antioxidant properties of wild culinary vegetables. *Journal of Ethnopharmacology*. 162: 333-345
 121. **Abbasi AM***, Guo X, Nazir A. (2015). Preliminary assessment of phytochemical contents and antioxidant properties of *Pistacia integerrima* fruit. *Pakistan Journal of Pharmaceutical Sciences*, 28(4): 1187-1194
 122. Zhu Y., Li T., Fu X., **Abbasi A.M.**, Zheng B., Liu R.H. (2015). Phenolics content, antioxidant and antiproliferative activities of dehulled highland barley (*Hordeum vulgare* L.). *Journal of Functional Foods*, 19: 439-450
 123. Wang, H., Qui, C., **Abbasi, A.M.**, Chen, G., You, L., Li, T., Fu, X., Wang, X., Guo, X., Liu, R.H., (2015). Effect of germination on vitamin C, phenolic compounds and antioxidant activity in flaxseed (*Linum usitatissimum* L.). *International Journal of Food Science and Technology*, DOI: 10.1111/ijfs.12922
 124. Chen, C., You L.J., **Abbasi, A.M.**, Fu, X., Liu, R.H. (2015). Optimization for ultrasound extraction of polysaccharides from mulberry fruits with antioxidant and hyperglycemic activity in vitro. *Carbohydrate polymer*. doi:10.1016/j.carbpol.
 125. Chen, H.M., Fu, X., **Abbasi, A.M.**, Luo Z.G. (2015). Preparation of environment-friendly pectin from sugar beet pulp and assessment of its emulsifying capacity. *International Journal of Food Science and Technology*. DOI: 10.1111/ijfs.12779
 126. Wen, L., Guo, X., Liu, R.H., You, L., **Abbasi, A.M.**, Fu, X. (2015). Phenolic contents and cellular antioxidant activity of Chinese hawthorn "*Crataegus pinnatifida*". *Food Chemistry*.
 127. Chen, M., Zhao, Y., Chen, F., Zhao, Z., Yu, S., **Abbasi, A.M.**, (2015). An HPLC-DPPH method for antioxidant activity from sugarcane molasses. *Sugar Industry Zuckerindustrie*, 140 (10), 632-639
 128. Pieroni A, Ibrahliu A, **Abbasi AM**. (2015). An ethnobotanical study among Albanians and Aromanians living in the Rraice and Mokra areas of Eastern Albania. *Genetic Resources and Crop Evolution*, DOI 10.1007/s10722-014-0174-6.
 129. Shah GM, **Abbasi AM***, Khan MN, Guo X, Khan MA, Hussain M, Bibi S, Nazir A, Tahir AA. (2014). Traditional uses of medicinal plants against malarial disease by the tribal communities of Lesser Himalayas-Pakistan. *Journal of Ethnopharmacology*, 155, 450–462.
 130. Khan N, **Abbasi AM**, Dastagir G, Nazir A, Shah GM, Shah MM, Shah MH. (2014). Ethnobotanical

- and antimicrobial study of some selected medicinal plants used in KhyberPakhtunkhwa (KPK) as a potential source to cure infectious diseases. *BMC Complementary and Alternative Medicines*, 14:122 doi: 10.1186/1472-6882-14-122.
131. Nazir A, Khan MA, **Abbasi AM**, Khan N, Ahmed K. (2014). Validation of *Setaria* (L.) P. Beauv Species Based on Palynological and Anatomical Techniques. *International Journal of Sciences: Basic and Applied Research*, 13(1), 178-185. 2014 0.323 Q3
 132. **Abbasi AM***, Khan MS, Ahmad M, Khan MA, Quave CL, Pieroni A. (2013). Highly accessed). Botanical ethnoveterinary therapies in three districts of the Lesser Himalayas of Pakistan. *Journal of Ethnobiology and Ethnomedicines*, 9: 84 DOI: 10.1186/1746-4269-9-84 2013 3.604 Q1
 133. **Abbasi AM***, Khan MA, Shah MH, Shah MM, Pervez A, Ahmad M. (2013). Ethnobotanical appraisal and cultural values of medicinally important wild edible vegetables of Lesser Himalayas-Pakistan. *Journal of Ethnobiology and Ethnomedicines*, 9 (1) 66; DOI:10.1186/1746-4269-9-66. 2013 3.604 Q1
 134. **Abbasi AM***, Khan MA, Khan MN, Shah MH. (2013). Ethnobotanical survey of medicinally important wild edible fruits species used by tribal communities of Lesser Himalayas-Pakistan. *Journal of Ethnopharmacology*, 148(2): 528-536. 2013 5.40 Q1
 135. **Abbasi AM***, Iqbal J, Khan MA, Shah MH. (2013). Health risk assessment and multivariate apportionment of trace metals in wild leafy vegetables from Lesser Himalayas, Pakistan. *Ecotoxicology and Environmental Safety*. 92(1): 237–244 2013 7.129 Q1
 136. **Abbasi AM***, Khan MA, Zafar M. (2013). Ethno-medicinal assessment of some selected wild edible fruits and vegetables of Lesser-Himalayas, Pakistan. *Pakistan Journal of Botany*, 45(SI): 215-222. 2013 1.01 Q3
 137. Nazir A, Khan MA, **Abbasi AM**, Ullah Z. (2013). Palynological Studies in Tribe Aveneae (Poaceae) from Potohar of Pakistan. *International Journal of Sciences: Basic and Applied Research*, 10(1): 120-125. 2013 0.232 Q3
 138. **Abbasi AM***, Khan MA, Ahmad M, Zafar M. (2011). Traditional Ethnoveterinary Phytotherapies from Pakistan. *Planta Medica*, 77- PN1 DOI: 10.1055/s-0031-1282984 2011 3.352 Q1
 139. Munir, M., Khan MA, Ahmad, M, **Abbasi AM**, Zafar M, Khan KY, Tariq K, Tabassum S, Ahmed SN, Habiba U, Bano A. (2011). Taxonomic potential of foliar epidermal anatomy among the wild culinary vegetables of Pakistan. *Journal of Medicinal Plants Research*, 5(13): 2857-2862. 2011 0.879 Q3
 140. Khan KY, Khan MA, Ahmad M, Shah GM, Munir M, Sultana S, **Abbasi, AM**. (2011). Foliar epidermal anatomy of some ethnobotanically important species of genus *Ficus* Linn. *Journal of Medicinal Plants Research*, 5(9): 1627-1638. 2011 0.879 Q3
 141. **Abbasi AM***, Khan MA, Ahmad M, Zafar M, Jahan S, Sultana S. (2010). Ethnopharmacological application of medicinal plants to cure skin diseases and in folk cosmetics among the tribal communities of North-West Frontier Province, Pakistan. *Journal of Ethnopharmacology*, 128(2): 322–335. 2010 5.195 Q1
 142. **Abbasi AM***, Khan MA, Ahmad M, Zafar M, Khan H, Niaz M, Sultana S. (2010). Medicinal plants used for the treatment of jaundice and hepatitis based on socio-economic documentation. *African Journal of Biotechnology*, 8(8): 1643-1650. 2010 0.570 Q3
 143. **Abbasi AM***, Khan MA, Ahmad M, Zafa M, (2010). Herbal medicines used to cure various ailments by the inhabitants of Abbottabad district, Northwest Frontier Province, Pakistan. *Indian Journal of Traditional Knowledge*, 9(1): 175-183. 2010 1.091 Q2
 144. **Abbasi AM***, Khan MA, Ahmad M, Qureshi R, Jahan S, Zafar M, Sultana S. (2010). Ethnobotanical study of wound healing herbs among the tribal communities in Northern Himalaya ranges district Abbottabad, Pakistan. *Pakistan Journal of Botany*, 42(6): 3747-3753. 2010 1.010 Q3
 145. Zafar M, Khan MA, Ahmad M, Jan G, Sultana S, **Abbasi AM**, Ullah K, Marwat SK, Muhammad F, Asma, J., Nazir A, Rehman ZU, Ullah Z. (2010). Elemental analysis of some medicinal plants used in traditional medicine by atomic absorption spectrophotometer (AAS). *Journal of Medicinal Plants Research*, 4(19):1987-1990. 2010 0.879 Q3
 146. Jahan S, Salma, R, Khan MA, Ahmad M, Zafar M, **Abbasi AM**. (2009). Antifertility effects of ethanolic seed extract of *Abrus precatorius* L. on sperm production and DNA integrity in adult male mice. *Journal of Medicinal Plants Research*, 3(10):809-814. 2009 0.879 Q3
 147. Jahan S, Naima S, Fasihunnisa I, Khan MA, Ahmad M, Zafar M, **Abbasi AM**. (2009). Histomorphological study to evaluate anti-fertility effect of *Abrus precatorius* L. in adult male mice. *Journal of Medicinal Plants Research*, 3(12): 1021-1028. 2009 0.879 Q3

PUBLICATIONS IN SCI JOURNALS

1. Noor Ul Ain S., **Abbasi AM.**, Ajab H., Faridullah., Khan S., Yaqoob A. (2023). Assessment of Arsenic in *Mangifera Indica* (Mango) Contaminated by Artificial Ripening Agent: Target Hazard Quotient (THQ), Health Risk Index (HRI) and Estimated Daily Intake (EDI). *Food Chemistry Advances*, (3): 100468
2. Bibi Z., Zainab B., Khanum K., Lin Z., Zafar M., **Abbasi AM***. (2023). Impact of seasonal variations on polyphenolic content and antibacterial activity in *Berberis lycium* Royl. *Journal of Holistic Integrative Pharmacy*, 4(1):29-40
3. Muhammad, N., Altaf, A., **Abbasi AM.**, Khan, AM., Iqbal, KJ. (2023). From water to Remedy: Fishes as Ethnopharmacological Resources along the River Ravi, Punjab, Pakistan. *Journal of Wildlife and Ecology*, 7(3):93-108
4. Jihong, W., Qian, H., Shuang, Z., Sharui, S., Jinmei, H., **Abbasi AM.**, Lin Z. (2022). Isolation and characterization of water-soluble fractions of black sesame pigment and its antioxidant activities in vitro. *Journal of Holistic Integrative Pharmacy*, 3(2): 147-160
5. Hayat W., Khan S., Iqbal A., Ahmad S., **Abbasi AM*** (2021). Protection is better than management to maintain tree species: A case study of Lesser-Himalayan Moist-Temperate forests of Pakistan. *Trees, Forests and People*, 6: 100149
6. Saleem R., Altaf M., Umair M., Amjad MS., **Abbasi AM***. (2021). Ethnopharmacological applications of the amphibians and reptiles among the people in the vicinity of Margalla Hill National Park, Islamabad, Pakistan. *Journal of Wildlife and Ecology*, 5(1):13-25.
7. Altaf M., **Abbasi AM***, Umair M., Khan AM. (2021). The usage of freshwater fishes in cultural and folklore therapies among the people along river Jhelum, Punjab. *Journal of Wildlife and Ecology*, 5(2):77-99
8. Qiu C., Wang H., Guo Y., Long S., Wang Y., **Abbasi AM.**, Guo X., Jarvis DI. (2020). Comparison of Fatty Acid Composition, Phytochemical Profiles and Antioxidant Activities in Four Flax (*Linum usitatissimum* L.) Varieties. *Oil Crop Science*, 5(3): 136-141.
9. Ayaz Z., Zainab B., **Abbasi AM***. (2020). In silico elucidation revealed SARS CoV and MERSCoV Drug Compounds could be Potential Therapeutic Candidates against Post Fusion Core (S2) Protein of Novel Coronavirus (2019-nCov). DOI: 10.21203/rs.3.rs-19589/v1. Nature Research (Research Square)
10. **Abbasi AM.**, Shah MH. (2018). Assessment of phenolic contents, essential/toxic metals and antioxidant capacity of fruits of *Viburnum foetens* decne. *Biointerface Research in Applied Chemistry*, 8(3): 3178-3186
11. Khan N, Chaudhary MF, **Abbasi AM**, Khan SA, Nazir A, Shah GM. (2017). Development of an Efficient Callus Derived Regeneration System for Garlic (*Allium sativum* L.) from Root Explant. *J. Plant Breeding and Agriculture*, 13: 1-12
12. Rehman S., Tariq M., Shah J., Ahmad R., Shahzad M., **Abbasi AM.**, Ullah A., Ismail B., Bilal M. (2017). Simultaneous Control of Physisorption and Chemisorption in Lab Scale Developed Activated Carbon from Hemp Stalks for Reactive Orange 16: Proof from Isotherm Modeling. *Biointerface Research in Applied Chemistry* (7)2: 2021 - 2029
13. **Abbasi, A.M***, Guo, X. (2015). Proximate Composition, Phenolic Contents and *in vitro* Antioxidant Properties of *Pimpinella stewartii* (A Wild Medicinal Food). *Journal of Food and Nutrition Research*, 3(5): 330-336
14. Wang H., Chen G., Guo X., **Abbasi AM.**, Liu RH. 2015. Variation of phytochemical profiles, antioxidant and antiproliferative activities in different parts of *Citrus reticulata* Blanco cv. Chachiensis during fruit ripening and maturity. *Nutrition and Medicine* 2015, 3(S1): 20
15. Aadil RM, a, Zeng XA, **Abbasi AM**, Khan MS, Khalid S, Jabbar S, Abid M. (2014). Influence of power ultrasound on the quality parameters of grapefruit juice during storage. *Science Letters*, 3 (1)
16. **Abbasi AM***, Khan MA, Ahmad M, Munir M, Zafar M, Sultana S, Mashwani ZR, Ullah Z. (2014). Ethnobotanical and taxonomic screening of Genus *Morus* for wild edible fruit used by the inhabitants of Lesser Himalayas-Pakistan. *Journal of Medicinal Plant Research*, 8(25): 889-898.
17. **Abbasi AM***, Khan MA, Ahmad M, Zafar M. (2012). Ethno-pharmacological investigation of medicinal plants against gastrointestinal disorders in livestock. *Inter. Journal of Universal Pharmacy and Life Sciences*, 2(1): 1-7.
18. **Abbasi AM***, Khan MA. (2010). Ethnobotanical survey of Lora Valley District Abbottabad (Khyber Pakhtunkhwa), Pakistan. *Hamdard Medicus*, 53(4): 36-51.
19. **Abbasi AM***, Dastagir G, Hussain F, Parveen S., (2005). Ethnobotany and marketing of crude drug plants in district Haripur, Pakistan. *Pakistan Journal of Plant Sciences*, 11(2):103-114
20. Dastagir, G., **Abbasi, AM.** (2004). Folk medicines used for the treatment of Jaundice in district Haripur, Pakistan. *Pakistan Journal of Plant Sciences*, 10(2): 119-123

CONFERENCE PAPERS AND ABSTRACTS

1. Mumtaz M., Haris A., Binyameen M., Ali F., Azeem M., **Abbasi AM.** (2019). Chemical Composition and Larvicidal Activity of two Lamiaceae Plants of Northern Pakistan against Dengue Vector (*Aedes aegypti*)", International Entomological Congress: Conversing Emerging Entomological Challenges and their Solution. April 8-10, 2019, University of Agriculture Faisalabad.
2. Saeed I., Azeem M., **Abbasi AM.** (2019). Phytochemical Screening and Antioxidant Activity of *Citrus sinensis* L. Fruit", 1st

- International Conference on Agricultural and Biological Sciences Focusing on Food Security and Climate Change, 27-30 March, University of Haripur, Haripur, KPK, Pakistan
3. **Abbasi AM.**, Chen Y., Bilal M., Zahid M., Shah MH., Yan R. (2019). Phenolics Profiling, Amygdalin Content, In Vitro Antioxidant and HepG2 Cancer Cells' Antiproliferation Potential in Apricot Kernels. 1st international conference on: Environmental Toxicology & Health Public by Department of Environmental Sciences, CUI, Vehari Campus. February 26-28, 2019
 4. **Abbasi AM.**, Umair M. (2019). Application of the local flora in Chenab riverine area, Punjab to treat health disorders. 1st international conference on: Environmental Toxicology & Health Public by Department of Environmental Sciences, CUI, Vehari Campus. February 26-28, 2019.
 5. Abbasi H., Zahid M., Arshad H., Irshad K, **Abbasi AM***. (2019). Health risk assessment related to heavy metals contamination in fruit-based products. 6th International Conference on "Sustainable Agriculture in Changing Climate: Strategies and Management" University of Poonch Rawalkot AJ&K, Pakistan 19-21 June, 2019
 6. **Abbasi AM.** (2019) "Phytochemical profiling, in vitro Antioxidant and HepG2 Cancer Cells' Antiproliferation Potential of Apricot, University of Poonch Rawalkot AJ&K, Pakistan 19-21 June, 2019 , 2019
 7. **Abbasi AM.** (2017). Ethnomedicinal uses, phenolics content and in-vitro free radicals scavenging activity of edible wild fruits of Lesser Himalayas. 6th International and 15th National Conference on "Dynamic Trends in Plant Sciences-Fostering Environment and Food Security". Organized by Sardar Bahadur Khan Women's University, Quetta Pakistan: 9-11th May, 2017.
 8. Zaman T., Azeem M., Abbasi AM., Binyameen M. (2016). "Insecticidal activity and chemical composition of essential oils of plants collected from Hazara division against red flour beetle, *Tribolium castaneum*".
 9. **Abbasi AM***, Khan MA, Ahmad M, Zafar M. (2011). Medicinal Plants diversity of Lora Valley, District Abbottabad-KPK Province-Pakistan. Proceeding International Conference on Biodiversity and Conservation. In Khairpur University, Sind Pakistan
 10. **Abbasi AM***, Abbasi H. (2020). Heavy Metals' Content and Health Risk Assessment in Processed Fruit Based Products. Sixth International Symposium on Green Chemistry, Sustainable Development and Circular Economy, Greece.
 11. Bibi, Z., Pervez, A., **Abbasi AM***, (2020). Influence of seasonal disparities on polyphenolics content and antimicrobial activity of *Berberis lycium* R. National Conference on Beneficial Microbes and Sustainable Crop Production. In Agriculture University Peshawar
 12. Amin, M, **Abbasi AM***. (2019). Ethno-medicinal Knowledge and Conservation Threats to Medicinal Flora of District Kohistan, KPK Pakistan. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23,
 13. Ayaz Z., Irshad Z., Munir A., Bhatti ZA., Khan S., **Abbasi AM***. (2019). Computational Analysis of Amygdalin on Multiple Cancerous Pathways. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23
 14. Farooqi S., Hayat MT., Ahmad K., **Abbasi AM.**, Nazir A. (2019). Assessment of Heavy Metals in Vegetables and Fruits and Their Health Risk in Malakand Division. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23
 15. Saeed I., Azeem M., **Abbasi AM*** (2019). Phytochemical composition and Antioxidant Potential in Apricot. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23, 2019
 16. Irshad K., **Abbasi AM.**, (2019). Threats to Snow Leopard Population in Khunjerab National Park, Gilgit-Baltistan, Pakistan. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23, 2019
 17. Irshad K., **Abbasi AM***. (2019). Carnivores Conservation Strategies in Ayubia National Park, Pakistan. Environmentally Sustainable Development (ESDev.) Conference.
 18. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23
 19. Arshad, H., Zahid M., **Abbasi AM***. (2019). Assessment of Heavy Metals in Cosmetic Products. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23
 20. Abbasi H., Arshad, H., Zahid M., **Abbasi AM*** (2019). Assessment of Heavy Metals' Associated Health Risk in Processed Fruits. Environmentally Sustainable Development (ESDev.) Conference. Organized by COMSATS University Islamabad, Abbottabad Campus. August 21-23
 21. **Abbasi AM.**, Abbasi, Z. Aldosari AA, Nazir A., Ahmad K. (2019). Evaluation of Climate Change Impact on Vegetation Cover and Distribution Pattern Using Remote Sensing and Field Observation in Skardu-Pakistan. International Geoinformatics Conference (IGC2019). Organized by Saudi Geographical Society King Saud University, KSA February 13-15, 2019.
 22. **Abbasi AM.** (2019). Traditional uses of plant species in Chenab wetland, Punjab-Pakistan. 2nd Global Conference on Plant Biology and Plant Science". Organized by Scientific Federation 24-25, Bangkok, Thailand.
 23. **Abbasi AM.** (2019). Phenolics profiling, amygdalin content in vitro antioxidant and HepG2 cancer cells' antiproliferation potential in apricot kernels. 5th International conference on Biotechnology and Bioengineering" Organized by Scientific

- Federation, June 17-18, London, UK
24. **Abbasi AM., (2019).** Phytochemical profiling, in vitro Antioxidant and HepG2 Cancer Cells' Antiproliferation Potential in the Kernels of 19 Apricot Cultivars. International conference on Agriculture and Food, June, 25-29 Burgas, Bulgaria
 25. **Abbasi AM. (2019).** Phytochemical profiling, antioxidant and antiproliferation activity of apricot Kernels". 3rd Global Summit on Nutritional Science & Food Chemistry". Organized by Scientific Federation June 10-12, 2019 at Osaka, Japan
 26. **Abbasi AM. (2018).** Ethnomedicinal uses, phenolics content and in vitro free radicals scavenging activity of edible wild fruits". Second National Conference on Emerging Trends in Bioinformatics and Biosciences (NCETBB-18) Organized by Hazara University Mansehra, August 9-11, 2018.
 27. **Abbasi AM., Umair M. (2018).** Traditional Uses of Medicinal Plants in the Punjab Province of Pakistan. International Congress on Natural Products: From Plants and Co- Products to Medicaments and Bio-agriculture" Hammamet – Tunisia – 8-10 November 2018
 28. **Abbasi AM., Umair M. (2018).** Phytochemical composition and bioactivities of *S. indicum*:From Plants and Co-Products to Medicaments and Bio-agriculture" Hammamet – Tunisia – 8-10 November 2018
 29. **Abbasi AM. (2018).** Ethnobotanical uses of medicinal plants by the inhabitants of Shigarvalley, Karakorum Range-Pakistan. Traditional Medicine. Organized by Scientific Federation June 14-16, 2018, at Rome, Italy.
 30. Abbas Z., Pieroni A., Khan SM, **Abbasi AM***. (2017). Ethnobotanical survey of Shigarvalley, Karakorum Range-Pakistan. 58th Annual Meeting of the Society for Economic Botany. Organized by the Society of Economic Botany June 3-9, Bragança, Portugal
 31. **Abbasi AM. (2017).** Phenolics content and in-vitro free radical scavenging activity in edible wild fruits. 1st National Conference on Sustainable Development through Biodiversity Conservation and Ecotourism. Organized by University of Science and Technology Bannu, 11-13 December 2017.
 32. **Abbasi AM. (2015).** Ethnomedicinal values, and antioxidant properties of medicinal and food plant species". 15th International Congress of the International Society for Ethnopharmacology. May 5-8, 2015, Petra - Jordan
 33. **Abbasi AM. (2015).** An overview of medicinal plant species used in the management of male sexual impotence (as aphrodisiac). Global Summit on Herbal and Natural remedies. Organized by OMIC International. October 25-26, 2015. Chicago USA.
 34. **Abbasi AM***. (2012). Multivariate analysis and health risk assessment of heavy metals in wild leafy vegetables. Abstract. *American Chemical Society*. Volume 244.

INTERNATIONAL COLLABORATIONS

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|--|--|
| ▪ Prof. Dr. RuiHai Liu (Mentor): | Cornell University, New York, USA (Food Science) |
| ▪ Prof. Dr. Andrea Pironi: | University of Gastronomic Sciences, Italy (Ethnobotany) |
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