

Curriculum Vitae

Prof. Dr. Ashif Sajjad

PERSONAL INFORMATION

Prof. Dr. Ashif Sajjad



Institute of Biochemistry, University of Balochistan, Sariab Road, Quetta, PC 87300, Pakistan

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Date of birth: 09/09/1970 | **Nationality:** Pakistan

POSITIONS HELD / MAJOR PROFESSIONAL SERVICES.

Dean, Faculty of Life Sciences, University of Balochistan, Quetta.
Director, Quality Assurance & Accreditation (QAAD), University of Balochistan, Quetta.
Director, Institute of Biochemistry, University of Balochistan, Quetta.

WORK EXPERIENCE

From - to
2015 - to date
2008-2015
2000 - 2008
1998 - 2000
1995 - 1998

Position held
Professor: Institute of Biochemistry, University of Balochistan, Quetta, Pakistan.
Assistant Professor: Institute of Biochemistry, University of Balochistan, Quetta, Pakistan
Lecturer: Institute of Biochemistry, University of Balochistan, Quetta, Pakistan
Med., Lab., Technologist: Biochemistry Dept., Bolan Medical College, Quetta, Pakistan
Trainee Scientist: Arid Zone Research Centre, PARC, Quetta, Pakistan

EDUCATION

From - to
Dec., 2006 - to July, 2007
2003-2006
1991 - 1994
1989 - 1991

2003 - 2006
April – June 2013

Degree	Name of University/Institution
Post-Doc.	University of Calabria, Arcavcata di Rende (CS) 87306, Italy.
Ph.D.	University of Calabria, Arcavcata di Rende (CS) 87306, Italy.
M.Sc.	University of Balochistan, Sariab Road, Quetta, Pakistan
B.Sc.	Govt. Science College, University of Balochistan, Quetta, Pakistan

Scholarship/Award/fellowship:

Italian Government scholarships for Postgraduate studies
Charles Wallace Visiting Fellowship, UK

Expertise/Specialty

Teaching/Research for more than 20 years in the field of Biological Chemistry (Biochemistry, Biotechnology, and Molecular Biology) as well as Bio-analytical techniques, Molecular techniques (Genomics & Proteomics). I am also skilled in the practice of Quality Assurance & Accreditation in higher education.

RESEARCH INTERESTS

I have supervised Ph.D. / M.Phil. and more than 100 M.Sc./B.S. theses. My main research area is the extraction & characterization of protein & peptides in food stuff as well as in biological fluids and further analyses of the peptides mixture by utilizing different techniques. I have obtained and completed several research grants from different funding agencies. Published book chapter and more than 70 peer-reviewed journal articles, have more than 900 citations & H-index 15. I am serving as a reviewer for several international scientific journals.

Organisational / managerial skills

As Deans, academic and strategic leader within the faculty of life sciences. Chairs and collaborate with Heads. As Director, QAAD responsible for the monitoring of the quality delivery of degree awarding programs, at both the undergraduate and post-graduate level to meet the University's Mission and Goals. As Director, lead, managed and developed the Institute of Biochemistry to achieve the highest possible standards in teaching, research and administration.



Curriculum Vitae

Prof. Dr. Ashif Sajjad

- Job-related services**
- Member Higher Education Commission, Institution Performance Evaluation (IPE) team.
 - Member, University of Balochistan, Intuitional Biosafety Committee (UoB-IBC), Quetta.
 - Member, Senate of University of Balochistan, Quetta.
 - Member, Syndicate of University of Balochistan, Quetta.
 - Member, Academic Council of University of Balochistan, Quetta.
 - Member, Advance Studies & Research Board of University of Balochistan, Quetta.
 - Member, Finance and Planning Committee, University of Balochistan, Quetta.
 - Member, Higher Education Commission (HEC) National curriculum revision committee (NCRC).
 - Member/In charge, Faculty Board, Faculty of Life Sciences, University of Balochistan, Quetta.
 - Member departmental admission committee (DAC) of the Institute of Biochemistry, UoB.
- International collaboration**
- Olive Culture Research Institute Consiglio per la Ricerca e la sperimentazione in Agricoltura Centro di Ricerca per l'Olivicoltura e l'Industria Olearia (CRA-OLI) (CS), ITALY
 - Department of Chemistry, University of Calabria, (CS) Italy.
 - Biomedical Research Center, Faculty of Health and Well being, Sheffield Hallam University, UK.
- Major research grants**
- **2023.** Portable hybrid solar Essential Oil Distillation Unit. Awarded by Pakistan Science Foundation (PSF) under Research Support Programme. Project No. PSF/CRP/TH/4/CFP/728.
 - **2022.** Recovery of different low-grade metals from Saindak ore wastes by the process of bioleaching. Under UBRF/Research and Development Grant. Awarded by University of Balochistan, Quetta. Rs.2.3 million.
 - **2017.** Isolation, purification, and enzymatic characterization of Phospholipase D from Almonds. Under UBRF/Research and Development Grant. Awarded by University of Balochistan, Quetta. Rs.300,000.
 - **2014.** Determination of Geographical impact on biochemical profile of Olive grafted with European type grown in Balochistan. National Research Programme for Universities. Awarded by Higher Education Council, Pakistan. No.20-2735/NRPU/R&D/HEC/12 156. Rs.1.4 million.
 - **2003.** Status of Vitamin-A (Retinol) in Children and Lactating Mothers of Quetta. Awarded by University of Balochistan, Quetta. Rs.40,000.
- Journal's Reviewer**
- Advances in Agriculture. (Hindawi Publishing Corporation)
 - Bangladesh Journal of Botany
 - Foods (MDPI)
 - Food Chemistry. (Elsevier)
 - Emirates Journal of Food and Agriculture. (United Arab Emirates University, UAE).
 - Euro-Mediterranean Journal for Environmental Integration
 - Journal of Applied and Emerging Sciences. BUIITEMS, Quetta.
 - Journal of Biological Research
 - Journal of Food and Drug Analysis. (Elsevier)
 - Journal of King Saud University. (Elsevier)
 - Journal of Pharmacy & Nutrition Sciences. (Life Science Global)
 - Journal of the American Society for Horticultural Science.
 - Pakistan Journal of Botany. (Pakistan Botanical Society)
 - Pathology - Research and Practice. (Elsevier)
 - Phyton-International Journal of Experimental Botany
 - PSM Microbiology
 - Life (MDPI)
 - Processes (MDPI)
 - Applied Sciences (MDPI)
- LANGUAGES**
- Proficient in:** • English • Urdu • Italian
- Society Memberships**
- Japan Oil Chemists' Society 2018-Present
 - Italian Chemical Society, 2006
 - Pakistan Biological Safety Association (PBSA)



PUBLICATION Total Impact Factor= 75.094 (Citations=928) 15-h-index

https://scholar.google.com.pk/citations?view_op=list_works&hl=en&hl=en&user=KEpIBq0AAAAJ&sortBy=pubdate

https://www.researchgate.net/profile/Ashif_Sajjad

1. Nazma Yousaf Khan, Muhammad Anwar Panezai, Jahangir Khan Achakzai, Inam Ul Haq, Fouzia Noreen, Ayesha Masood, Shazia Saeed, Sajid Nabi, **Ashif Sajjad**. (June, 2023). In Vitro Anticancer (Hela), Anti-Inflammatory, Brine Shrimp Lethality Assay and GC-MS Analysis of Whole Plant *Arceuthobiumoxycedri* (Dwarf Mistletoe) N-Hexane Fraction. *The Journal of Animal and Plant Sciences*, 33 (3). **Impact Factor= 0.57**
2. Fouzia Noreen, **Ashif Sajjad**, Muhammad Tahseen Aslam, Saima Nazir, Khalil Ur Rehman, Inam ul Haq. (June, 2023). Nutritional, phytochemical and content variation of essential trace element in selected folk medicinal plants around Lahore, Pakistan. *Pure and Applied Biology*. 12(2):817-827.
3. Iram Saeed, **Ashif Sajjad**, Inam ul Haq, Fouzia Noreen, Ayesha Masood, Kulsoom Baloch, Arshad Hussain (March, 2023). Characterization of total phenolic content and antioxidant property in sweet cherry (*Prunus avium*) kernel extract and oil. *Pure and Applied Biology*. Vol. 12, Issue 1, pp378-382. (HJRS Category=Y).
4. Urooj Arshad, **Ashif Sajjad**, Inam ul Haq, Shaista Anjum, Zil-e-Huma, Arshad Hussain and Fouzia Noreen. (March, 2023). Phytochemical, antimicrobial and elemental status of three anti-diabetic medicinal plants of Balochistan, Pakistan. *Pure and Applied Biology*. Vol. 12, Issue 1, pp357-364. (HJRS Category=Y).
5. Hafsa Anwar, Shazia Iqbal, **Ashif Sajjad**, Hamid Ullah, Abida Farooqi, Saima Maher. (2022). Health Risk Assessment of Heavy Metals in Raw and Packed Milk from the Areas of Rawalpindi and Islamabad: A comparative study. *Pak-Euro Journal of Medical and Life Sciences*. 5(2), 368-373. (HJRS Category=Y).
6. Mahgul Baloch, **Ashif Sajjad**, Sabeena Rizwan, Shaista Anjum, Nukhba Akbar, Irfan Hafeez, Khalid Mahmood. (2022). Isolation, purification and characterization of Phospholipase D from almond (*Amygdalus spinosissima*) from Ziarat, Balochistan. *Pure and Applied Biology*. 11(2), 661-669.
7. Sabra Ambreen, Zahid Mehmood, Khalid Mehmood, **Ashif Sajjad**, Ayesha Mushtaq, Sabeena Rizwan, Uzma Jabeen, Farrukh Bashir and Farida Behlil. (2022). A study on biochemical properties and antioxidant activity of honey from Dera Bugti district of Balochistan. *The Journal of Animal and Plant Sciences*. 32(2), 526-531. **Impact Factor= 0.57**.
8. Nukhba Akbar, **Ashif Sajjad**, Sabeena Rizwan, Hafiz M. Tahir, Zahid Mehmood, Khalid Mehmood, Sobia Munir, Syeda. A. Ali, Rakhshanda and Ayesha Mushtaq. (2022). Comparative analysis of venom protein profile by SDS-PAGE of three common species of scorpions (*Scorpiones: buthidae*) in Balochistan, Pakistan. *The Journal of Animal and Plant Sciences*. 32(1), 247-255. **Impact Factor= 0.57**.
9. Aqsa Gul, Zainab Anees, **Ashif Sajjad**, Dr. Tayyaba Naz, Fouzia Noreen. (2022). Incidence of cirrhotic liver and hepatocellular carcinoma in Pakistan. *World Journal of Advance Healthcare Research*. 6(1), 31-34.
10. Iram Saeed, Sehar Javed, Inam Ul Haq, Fouzia Noreen, Talha Zahid, **Ashif Sajjad**. (2022). Fatty acids, phenolic, antioxidant, and antibacterial potential of kernel oil of sweet cherry (*Prunus avium*). *European Academic Research*, Vol. X, Issue 7, 2408-2414.
11. Urooj Arshad, Shaista Anjum, Ayesha Masood, Fouzia Noreen, Khalid Mehmood, **Ashif Sajjad**. (2022). Phytochemicals and their potential in anti-diabetic medicinal plants. *European Academic Research*, Vol. X, Issue 8, 3221-3228.
12. Fiona Javed Gill, Khalid Mahmood, **Ashif Sajjad**, Nimra Khalid, Suleman Abdul Raziq, Sehar Javed. (2021). Characterization and Antimicrobial activity of *Pinus halepensis* Mill tree needles of Quetta valley, Balochistan. *European Academic Research*, Vol. IX, Issue 7, 4531-4546.
13. Amna Zahid, Khalid Mahmood, **Ashif Sajjad**, Nimra Khalid, Suleman Abdul Raziq, Saima Zaman. (2021). Characterization and Antimicrobial activity of different varieties of *Citrullus lanatus* rind of Balochistan. *European Academic Research*, Vol. IX, Issue 8, 5055-5066.
14. Sehar Javed, Khalid Mahmood, **Ashif Sajjad**, Fiona Javed Gill, Ida Judith Gill. (2021). Phytochemical and antibacterial activity of Mangrove leaf extract from Lasbella District Baluchistan. *European Academic Research*, Vol. IX, Issue 6, 3367-3385.
15. Amara Aftab, Shah Taj Faqir Muhammad, Nukhba Akbar, **Ashif Sajjad**, Muhammad Ayub Kakar, Samira Khaliq. (2021). Pigment Production in *Penicillium*: Different Methods of Optimizations in Submerged Fermentation. *Pak-Euro Journal of Medical and Life Sciences*. 4 (Special), S77-S95. (HJRS Category=Y).
16. Shah Taj Faqir Muhammad, Amara Aftab, Nukhba Akbar, Samira Khaliq, **Ashif Sajjad**, Muhammad Ayub Kakar, Faqir Muhammad. (2021). Extraction, Isolation and Chemical Characterization of Pigments from *Penicillium* Species. *Pak-Euro Journal of Medical and Life Sciences*. 4 (Special), S59-S69. (HJRS Category=Y).
17. Syeda Nuzhat Fatima, Sarah Akhtar, Syed M Shahid, **Ashif Sajjad**, Amna Bibi. (2021). Effect of salicylic acid supplementation on blood glucose, lipid profile and electrolyte homeostasis in gentamicin sulphate induced nephrotoxicity. *Pak. J. Pharm. Sci.*, 34(3), 1075-1079. **Impact Factor=0.863 (HJRS Category=Y)**.
18. Ajab Khan Tareen, Muhammad Anwar Panezai, **Ashif Sajjad**, Jahangir Khan Achakzai, Abdul Manan Kakar, Nazima Yousaf Khan. (2021). Comparative analysis of antioxidant activity, toxicity, and mineral composition of kernel and pomace of apricot (*Prunus armeniaca* L.) grown in Balochistan, Pakistan. *Saudi Journal of Biological Sciences*. 28(5), 2830-2839. **Impact Factor= 4.045 (HJRS Category=W)**.
19. Sheikh Ahmed, Muhammad Ayub, Muhammad Naeem, Faisal Hayat Nazir, Abrar Hussain, Daud Ghilzai, Lars O Magnus, **Ashif Sajjad**, Heléne Norder. (2021). *Thalassemia Patients from Baluchistan in Pakistan Are Infected with Multiple Hepatitis B or C Virus Strains*. *The American Journal of Tropical Medicine and Hygiene*. 104(4), 1569. **Impact Factor= 3.707 (HJRS Category=W)**.
20. Nukhba Akbar, **Ashif Sajjad**, Sabeena Rizwan, Sobia Munir, Khalid Mehmood, Syeda Ayesha Ali, Rakhshanda, Ayesha Mushtaq, Hamza Zahid. (2021). Scorpion's Biodiversity and Proteinaceous Components of Venom. *Int. J. Biosci.* 18(2), 146-162.
21. Ajab Khan Tareen, Muhammad Anwar Panezai, **Ashif Sajjad**, Jahangir Khan Achakzai, Abdul Manan Kakar and Nazima Yousaf Khan. (2021). Analysis of antioxidant properties, toxicity and mineral composition of selected apple (*Malus domestica* Borkh) varieties from Balochistan. *International Journal of Agriculture, Environment and Bioresearch*. 6(6), 21-44.
22. Sadia Abdul Hayee, Sabeena Rizwan, **Ashif Sajjad**, Uzma Jabeen, Farrukh Bashir, Ayesha Mushtaq, Fareeda Behli, Shaista Anjum, Tariq Ismail and Irfan Hafeez. (2020). Seed storage protein electrophoretic profile among popular cultivars of Date Palm (*Phoenix dactylifera* L.). *Bangladesh J. Bot.* 49(4): 1063-1069. **Impact Factor= 0.339 (HJRS Category=Y)**.



23. Rakhshanda, Zahid Mehmood, Khalid Mehmood, **Ashif Sajjad**, Sobia Munir, Nukhba Akbar. (2020). Physicochemical properties and total phenolic content of date palm (*Phoenix sylvestris* (L.) Roxb) seed oil Grown in district Panjgur, Pakistan. *Int. J. Biosci.* 16(2), 272-278.
24. Fouzia Noreen, **Ashif Sajjad**, Khalid Mahmood, Muhammad Anwar, Manzar Zahra, and Amir Waseem. (2020). Human Biomonitoring of Trace Elements in Scalp Hair from Healthy Population of Pakistan. *Biological trace element research*, 196(1), 37-46. **Impact Factor= 4.081 (HJRS Category=W).**
25. Ammara Lodhi, **Ashif Sajjad**, Khalid Mehmood, Ayesha Lodhi, Sabeena Rizwan, Ayesha Ubaid, Kulsoom Baloch, Sheikh Ahmed, and Zahid Mehmood. (2019). Profile and predictors of hepatitis and HIV infection in patients on hemodialysis of Quetta, Pakistan. *Drug discoveries & therapeutics*, 13(5), 274-279. **(HJRS Category=Y).**
26. Shaista Anjum, Zahoor Ahmed Bazai, Sabeena Rizwan, Cinzia Benincasa, Khalid Mehmood, Naila Siddique, Ghazala Shaheen, Zahid Mehmood, Muhammad Azam, and **Ashif Sajjad**. (2019). Elemental Characterization of Medicinal Plants and Soils from Hazarganji Chiltan National Park and Nearby Unprotected Areas of Balochistan, *Journal of oleo science*, 68 (5), 443-461. **Impact Factor= 1.628 (HJRS Category=X).**
27. Naheeda Jalal, Khalid Mehmood, Zahid Mahmood, **Ashif Sajjad**, Sobia Afridi, Shahida Nida Nazar. (2019). Impact of Occupational Stress on Physiological Health of Female Teachers of the Quetta City, Pakistan. *European Academic Research*, VII (7), 3452- 3466.
28. Shagufta Fahmid, **Ashif Sajjad**, Jaffar Ali, Muzaffar Khan. (2019). Incidence of Aflatoxin M1 in Fresh Milk Marketed in Quetta, Pakistan. *Indo American Journal of Pharmaceutical Sciences*, 6 (1), 1460-1464.
29. Shazia Iqbal, Sultana Arifeen, Ali Akbar, Shaista Zahoor, Saima Maher, Noreen Khan, Hafsa Anwar, **Ashif Sajjad**. (2019). Phytochemical screening and antibacterial assay of the crude extract and fractions of *Ferula oopoda*. *Pure and Applied Biology*, 8(1): 742-749.
30. Sabeena Rizwan, Cinzia Benincasa, Khalid Mehmood, Shaista Anjum, Zahid Mehmood, Ghulam Hussain Alizai, Muhammad Azam, Enzo Perri, **Ashif Sajjad**. (2019). Fatty Acids and Phenolic Profiles of Extravirgin Olive Oils from Selected Italian Cultivars Introduced in Southwestern Province of Pakistan. *Journal of oleo science*, 68 (1), 33-43. **Impact Factor= 1.628 (HJRS Category=X).**
31. Mehmood Khan, Fozia Karam Khan, Sadaf Moneeba, Mehru Nisa, Robina Manzoor, Kaleem Imdad, Kaleem Ullah, Zahid Mehmood, **Ashif Sajjad**, Muhammad Ayub, Noor Hassan and Amir Rasool. (2019). Biosynthesis of C10H16 (Limonene) by Mevalonate pathways and its pharmacological applications. *International Journal of Biology and Biotechnology*, 16(1), 9-21.
32. Fozia Karam Khan, Mehmood Khan, Mehr-un-Nisa, Madiha Saleem, Sheikh Ahmed, Robina Manzoor, Kaleem Imdad, Kaleem Ullah, Zahid Mehmood, **Ashif Sajjad**, Muhammad Ayub, Noor Hassan and Amir Rasool. (2018). Protein engineering of terpenes synthase: An overview. *International Journal of Biology Research*, 6(2), 85-93.
33. Waheed Ahmed, **Ashif Sajjad**, Mohammad Azam, Zahid Mehmood, Khalid Mahmood. (2018). Hematological studies among Gurhaku smokers in selected areas of Balochistan. *Indo American Journal of Pharmaceutical Sciences*, 5 (3), 1611-1617.
34. Binish Baig, Sheikh Ahmed, Kaleemullah Mandokhail, Fazal Ur Rehman, Zulfiqar Ali, Naeema Anwar, **Ashif Sajjad**. (2018). Hepatitis C virus infection: Prevention and control-A Mini Review. *Indo American Journal of Pharmaceutical Sciences*, 5 (3), 1885-1897.
35. Imran Khan, Sabeena Rizwan, **Ashif Sajjad**, Kulsoom Baloch, Khalid Mahmood, Irfan Hafeez, Zahid Mehmood, Mohammad Azam. (2017). Physicochemical analysis and fatty acid composition of oils extracted from two exotic cultivars of olive (*Olea europaea* L.) cultivated in Balochistan, Pakistan. *Indo American Journal of Pharmaceutical Sciences*, 4(10), 3773-3778.
36. Umair Ahmed, Khalid Mehmood, Zohra kaneez, Shahjahan Shabbir Ahmed, Imran Ali Sani, Nazeer Ahmed, **Ashif Sajjad**, Zahid Mehmood, Mohammad Azam. (2017). Physicochemical characteristics and fatty acid composition of *Amygdalus Spinossissima* seed oil From Balochistan. *Indo American Journal of Pharmaceutical Sciences*, 4(9), 2755-2761.
37. Shah Jahan, Muhammad Younas Khan Barozai, Muhammad Din, Habibullah Achakzai, **Ashif Sajjad**. (2017). Expressional studies of microRNAs in Hepatitis B Patients of Quetta, Pakistan. *Pure and Applied Biology*, 6(3), 1044-1052.
38. Hina Hameed, Zahid Mehmood, Khalid Mehmood, **Ashif Sajjad**, Jamshiad Hameed, Farhan Faisal, Hamza Zahid, Mariam Salim. (2017). Prevalence of anemia and the risk factors involved in pregnant women of Quetta valley. *Indo American Journal of Pharmaceutical Sciences*, 4(8), 2502-2512.
39. Kulsoom Baloch, Sabeena Rizwan, Khalid Mahmood, Mohammad Hashim Jan, Javeed Hussain, Arif Shah, Imran Khan, Zahid Mehmood, Shazia Iqbal, Mohammad Azam, **Ashif Sajjad**. (2017). Biochemical and trace elements composition of faba bean (*Vicia faba* L.) cultivated in Panjgur and Kech districts of Balochistan. *Pure and Applied Biology*, 6(3), 981-988.
40. Hira Kakar, **Ashif Sajjad**, Sabeena Rizwan, Khalid Mahmood, Zahid Mehmood, Mohammad Azam, Irfan Hafeez, Atta Mohammad Sarangzai, Akhtar Nadhman, Masoom Yasinza. (2017). Chemical composition, antimicrobial and antileishmanial activity of essential oil of *Juniperus excelsa* M. Bieb. from Ziarat, Balochistan. *Pure and Applied Biology*, 6(3), 786-796.
41. Fahmeeda Rehman, **Ashif Sajjad**, Muhammad Aslam Mengal, Muhammad Kamran Taj, Mohammad Alam Mengal, Muhammad Hashim Mengal and Saima Azam. (2017). Antimicrobial activity of selected indigenous medicinal herbs against human pathogenic bacteria. *Pure and Applied Biology*, 6(2), 740-747.
42. Zarlashta Sharif, Sheikh Ahmed, Fazal ur Rehman, **Ashif Sajjad** and Muhammad Ayub. (2017). A recurrent missense mutation in the LPAR6 gene underlies hereditary hypotrichosis. *Pure and Applied Biology*, 6(2), 685-690.
43. Adeela Anwer, Zahid Mehmood, Khalid Mehmood, **Aashif Sajad**, Adeel Ahmed, and Fahad Saleem. (2017). Evaluation of essential element levels in thalassemia major patients of Quetta city, Pakistan. *Indo American Journal of Pharmaceutical Sciences*, 4(5), 1130-1135.
44. Shagufta Fahmid · **Ashif Sajjad** · Muzaffar Khan · Neelofer Jamil · Jaffar Ali. Determination of chemical composition of milk marketed in Quetta, Pakistan. *International Journal of Advanced Research in Biological Sciences*. (2016). Vol 3(5) pp 98-103.
45. Abida Kalsoom Khan, Rehana Rashid, Majid Hussain, Uzma Yunus, Zareen Akhtar, Saqib Ali, Atiya Zahra, Sadullah Mir, Muhammad Tayyab Ansari, Zahid Mehmood, **Ashif Sajjad**, Ghulam Murtaza. Synthesis, Characterization and Thermal Studies of Poly(4-Vinylpyridine) Composites of Rare Earth Metals. *Arabian Journal for Science and Engineering*. (2016). Vol 41 No. 1. pp. 105-109. · DOI: 10.1007/s13369-015-1592-2 **Impact Factor= 2.808 (HJRS Category=W).**



46. Nusrat Faheem, **Ashif Sajjad**, Zahid Mehmood, Farhat Iqbal, Qaisar Mahmood, Sehrish Munsif, Amir Waseem. The Pesticide Exposure Through Fruits and Meat in Pakistan. *Fresenius Environmental Bulletin*. (2015). Vol 24(12b): pp. 4555-4566. **Impact Factor= 0.618 (HJRS Category=X)**.
47. Ghulam Murtaza, **Ashif Sajjad**, Zahid Mehmood, Syed H. Shah, Abdul R. Siddiqi. Possible molecular targets for therapeutic applications of caffeic acid phenethyl ester in inflammation and cancer. *Journal of Food and Drug Analysis*. (2015), Vol. 23, No. 1, pp. 11–18. **Impact Factor= 6.157 (HJRS Category=W)**.
48. Rao Khurram Ayoub, Ghulam Murtaza, Muhammad Imran, Shujaat Ali Khan, Sadullah Mir, Abida Kalsoom Khan, Saira Azhar, Zahid Mehmood, **Ashif Sajjad**, Syed Nisar Hussain Shah. Formulation and Permeation Kinetic Studies of Flurbiprofen Gel. *Tropical Journal of Pharmaceutical Research*. 2015, Vol. 13, No. 2, pp.195-203. **Impact Factor= 0.523 (HJRS Category=Y)**.
49. Amir Waseem, Shoaib Ahmad Shah, **Ashif Sajjad**, Abdul Rauf Siddiqi, Muhammad Nafees. Human Exposure to Mycotoxins: A Retrospective Review of Leading Toxins and Metabolites in Human Biological Matrices. *Journal of the Chemical Society of Pakistan*. 2014, Vol. 36, No. 6, pp.1196-1214. **Impact Factor= 0.698 (HJRS Category=Y)**.
50. Amir Waseem, Jahanzaib Arshad, Farhat Iqbal, **Ashif Sajjad**, Zahid Mehmood, and Ghulam Murtaza. Pollution Status of Pakistan: A Retrospective Review on Heavy Metal Contamination of Water, Soil, and Vegetables. *BioMed Research International*, 2014 Volume 2014, 29 pages Article ID 813206, <http://dx.doi.org/10.1155/2014/813206>. **Impact Factor= 3.246 (HJRS Category=W)**.
51. Amir Waseem, Muhammad Nafees, Ghulam Murtaza, **Ashif Sajjad**, Zahid Mehmood, Abdul Rauf Siddiqi. Salt Toxicity (Sodium Intake): A Serious Threat to Infants and Children of Pakistan. *Iranian journal of public health*, 2014. Vol. 43, No.9, pp.1204-1211. **Impact Factor= 1.479**
52. Muhammad Hassham Hassan Bin Asad, Ghulam Murtaza, Muhammad Ubaid, Durr-e-Sabih, **Ashif Sajjad**, Rubada Mehmood, Qaisar Mahmood, Muhammad Muzzmil Ansari, Sabiha Karim, Zahid Mehmood, and Izhar Hussain. Naja naja karachiensis Envenomation: Biochemical Parameters for Cardiac, Liver, and Renal Damage along with Their Neutralization by Medicinal Plants. *BioMed Research International*, 2014. Volume 2014, 13 pages Article ID 970540, <http://dx.doi.org/10.1155/2014/970540>. **Impact Factor= 3.246 (HJRS Category=W)**.
53. Israr Ahmed, **Ashif Sajjad**, Zahid Mehmood, Norhad Amir, Durr-e-Sabih, Muhammad Hassham Hassan Bin Asad, Syed Nisar Hussain Shah, Bilal Ahmed, Muhammad Jamal Taha, Shujaat Ali Khan, Fareeha Anwar, Muhammad Haneef and Ghulam Murtaza. Preparation and Radiochemical Control of ^{99m}Tc Labeled Blood Pool Agent for in vivo Labelling of the Red Blood Cells. *Acta Poloniae Pharmaceutica*, 2014. Vol. 71 No. 2 pp. 245-248. (Ref <http://www.speciation.net/Database/Journals/Acta-Poloniae-Pharmaceutica-;911>) **Impact Factor= 0.555 (HJRS Category=Y)**.
54. Ghulam Murtaza, Kuo Gao, Tiegang Liu, Imran Tariq, **Ashif Sajjad**, Muhammad Rouf Akram, Meiying Niu, Guokai Liu, Zahid Mehmood, and Guihua Tian. Current and Future Lymphatic Imaging Modalities for Tumor Staging. *BioMed Research International*. 2014. Volume 2014, pp 1-10. Article ID 714674, <http://doi.org/10.1155/2014/714674>. **Impact Factor= 3.246 (HJRS Category=W)**.
55. Khalid Mahmood, Saleem Eijaz, Moazzam Ali Khan, Aamir Alamgir, Syed Shahid Shaukat, Zahid Mehmood and **Ashif Sajjad**. Effects of Biopesticides against Jassid [*Amrasca Devastans* (Dist.)] and White Fly [*Bemisia Tabaci* (Genn.)] on Okra. *Int. J. Biol. Biotech.*, 2014, 11 (1), pp. 161-165, 2014.
56. Niamatullah kakar, Asmatullah, Habib Ur-Rehman, Zahid Mehmood, **Ashif sajjad**, Qudratullah, Mohammad Ashraf. Thrombocytopenia as a Diagnostic Marker for Identifying Patients with Malaria in Endemic Regions. *International Journal of Advanced Research*. 2014, Volume 2, Issue 4, pp. 35-42.
57. Saleem Eijaz, Khalid Mahmood, Moazzam Ali Khan, **Ashif sajjad**, Zahid Mehmood, Aamir Alamgir and Habibullah Rana. Efficacy and Residual Persistence of Organophosphate Pesticides against Thrips on Okra (*Abelmoschus esculentus* L.). *Bull. Env. Pharmacol. Life Sci*. 2014 Vol 3 (5) pp. 178-184.
58. Ayesha Sethi, Muhammad Sher, Muhammad Rouf Akram, Sabiha Karim, Sonia Khiljee, **Ashif Sajjad**, Syed Nisar Hussain Shah, Ghulam Murtaza. Albumin as a drug delivery and diagnostic tool and its market approved products. *Acta Poloniae Pharmaceutica*, 2013. Vol. 70 No. 4 pp. 597-600. **Impact Factor= 0.555 (HJRS Category=Y)**.
59. Muhammad Jawad Nasim, Muhammad Hassham Hassan Bin Asad, **Ashif Sajjad**, Shujaat Ali Khan, Amara Mumtaz, Kalsoom Farzana, Zamina Rashid, Ghulam Murtaza. Combating of scorpion bite with Pakistani medicinal plants having ethno-botanical evidences as antidote. *Acta Poloniae Pharmaceutica*, 2013. Vol. 70 No. 3 pp. 387-394. **Impact Factor= 0.555 (HJRS Category=Y)**.
60. Ghulam Murtaza, Usman Latif, Muhammad Najam-ul-Haq, **Ashif Sajjad**, Sabhia Karim, Muhammad Akhtar and Izhar Hussain. Resveratrol: An Active Natural Compound in Red Wines for Health. *Journal of Food and Drug Analysis*, 2013. Vol. 21, No. 1, pp 1-12 doi:10.6227/jfda.2013210101. **Impact Factor= 6.157 (HJRS Category=W)**.
61. Khalid Mahmood, Hasan Salman Siddiqi, **Ashif Sajjad**, Sohail Shoukat, Zahid Mehmood, Amir Wasim, Alia B. Munshi. Iron-deficiency anemia. A study of risk factors among adult population of Quetta Valley. *Health*, 2012. Vol 4 No 9, pp. 607-611. doi: 10.4236/health.2012.49095.
62. Fabio Mazzotti, Leonardo Di Donna, Loredana Maiuolo, Anna Napoli, Raffaele Salerno, **Ashif Sajjad**, and Giovanni Sindona. Assay of the Set of All Sudan Azodye (I, II, III, IV, and Para-Red) Contaminating Agents by Liquid Chromatography-Tandem Mass Spectrometry and Isotope Dilution Methodology. *J. Agric. Food Chem*. 2008, 56, 63–67. **Impact Factor= 5.895 (HJRS Category=W)**.
63. Antonio De Nino, Leonardo Di Donna, Fabio Mazzotti, **Ashif Sajjad**, Giovanni Sindona, Enzo Perri, Anna Russo, Luigi De Napoli, Luigino Filice. Oleuropein expression in olive oils produced from drupes stoned in a spring pitting apparatus (SPIA). *Food Chem*. 2008 Vol. 106, pp. 677-684. **Impact Factor= 9.231 (HJRS Category=W)**.
64. Leonardo Di Donna, Fabio Mazzotti, Anna Napoli, Raffaele Salerno, **Ashif Sajjad**, Giovanni Sindona. Secondary metabolism of olive secoiridoids. New microcomponents detected in drupes by electrospray ionization and high-resolution tandem mass spectrometry. *Rapid Commun. Mass Spectrom*. 2007, Vol. 21, No 3, pp. 273–278. **Impact Factor= 2.586 (HJRS Category=W)**.
65. Innocenzo Muzzalupo, Nicola Lombardo, Aldo Musacchio, Maria Elena Noce, Giuseppe Pellegrino, Enzo Perri, and **Ashif Sajjad**. DNA Sequence Analysis of Microsatellite Markers Enhances Their Efficiency for Germplasm Management in an Italian Olive Collection. *Journal of the American Society for Horticultural Science*, 2006, Vol.131, No.3, pp. 352-359. **Impact Factor= 1.53 (HJRS Category=X)**.



66. Anna Napoli, Donatella Aiello, Leonardo Di Donna, **Ashif Sajjad**, Enzo Perri, and Giovanni Sindona. Profiling of Hydrophilic Proteins from *Olea europaea* Olive Pollen by MALDI TOF Mass Spectrometry. *Analytical chemistry*, **2006**, Vol. 78, n, 10, pp 3434 – 3443. **Impact Factor= 8.008 (HJRS Category=W)**.
67. Mohammad Azam, **Ashif Sajjad**. Study of miscibility of poly(ethylene-vinyl alcohol)-graft-poly(methyl methacrylate) graft copolymers with poly(vinyl chloride). *Science International*, 2003, Vol. 15, No. 1, 41-43.
68. Mohammad Azam, **Ashif Sajjad**. Solution properties of poly(ethylene-vinyl alcohol)-graft-poly(methyl methacrylate) graft copolymers. *Res. Journal Univ. of Balochistan*, 2003, Vol.1, No. 3; pp12-16.
69. Khalid Mahmood, Zahid Mehmood, **Ashif Sajjad** and Abbas Haider Khan. Biological Role of Carbohydrate Moeity of Plasmodium Falciparum in immune Response to malaria. *Res. Journal Univ. of Balochistan*, 2003, Vol. 1, pp 1-11.
70. Nicola Lombardo, Innocenzo Muzzalupo, Enzo Perri, **Ashif Sajjad**. "Microsatellite markers for Olive (*Olea Europea*. L.) cultivar identification". International Olive oil exhibition, 12-13 May 2005 Jaén Spain. pp 1-8. Available at: <http://www.expoliva.com/expoliva2005/>.
71. **Ashif Sajjad**, Innocenzo Muzzalupo, Enzo Perri, Giovanni Sindona. "Characterisation of olive germplasm from Abruzzo, Apulia, Molise, Tuscany and Sicily regions by microsatellite markers". Proceedings of 3rd Workshop on the Contribution of Chemistry, Molecular Biology and Medicinal Chemistry to Life Sciences. 2006. pp. 36-50. ISBN: 88-548-0736-2.

Book Chapter:

Shaista Anjum, Zahoor Ahmed Bazai, Sabeena Rizwan, Cinzia Benincasa, **Ashif Sajjad**. (2022). Elemental Composition of Medicinal Plants Under Changing Environmental and Edaphic Conditions. In Sustainable Plant Nutrition under Contaminated Environments (pp. 135-161). Springer, Cham.

