Dr Muhammad Sajid

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Comprehensive Academic Curriculum Vitae
Updated 18 November 2026

Academic Profile

Analytical chemist and Assistant Professor at Bahauddin Zakariya University since 2014, with a PhD from Beijing Normal University, China. Research focuses on analytical method development, sample preparation and chromatographic determination of drug and pesticide residues in food and environmental samples. The research portfolio includes selective and reusable sorbents, molecularly imprinted polymers, organically modified silanes, metal–organic frameworks, magnetic composites, graphene materials and polyoxometalate–ionic liquid systems.

Postgraduate supervision includes 2 completed PhDs, 4 submitted PhD theses and 3 PhD scholars in progress, together with 59 completed MPhil scholars and 3 MPhil scholars in progress.

Academic Appointment

Position	Institution	Period
Assistant Professor of Analytical Chemistry	Institute of Chemical Sciences, Bahauddin Zakariya University, Multan	2014–present

Education

Qualification	Institution	Year
PhD in Analytical Chemistry	Beijing Normal University, Beijing, China	2014
MPhil in Chemistry Analytical	Bahauddin Zakariya University, Multan, Pakistan	2006
MSc in Chemistry Analytical	The Islamia University of Bahawalpur, Pakistan	2000
BSc in Chemistry Physics and Mathematics	Bahauddin Zakariya University, Multan, Pakistan	1998
MEd in Teaching of Science	Allama Iqbal Open University, Islamabad, Pakistan	2009
BEd in Teaching of Science	Allama Iqbal Open University, Islamabad, Pakistan	2002

Research Training

Doctoral Research

Quantitative analysis of drugs by one-dimensional and two-dimensional high performance liquid chromatography.

Developed online extraction of sulfonamide residues in honey using a short C18 column coupled to HPLC with fluorescence detection. Investigated two-dimensional HPLC for pharmaceutical tablet analysis using three columns in serial and parallel arrangements.

MPhil Research

Prevalence of insulin resistance syndrome in obese type 2 diabetes.

Research Expertise

- Sample preparation: solid-phase extraction, dispersive SPE, magnetic SPE, pipette-tip SPE, in-tube SPE, solid-phase microextraction and online extraction.
- Chromatography and analytical methods: HPLC-UV, HPLC-fluorescence, multidimensional chromatography, spectrophotometry, method optimization and analytical validation.
- Selective sorbents: molecularly imprinted polymers, ormosils, MOFs, polyoxometalate–ionic liquid composites, magnetic core–shell materials, graphene oxide and functionalized polyurethane sponges.
- Applications: veterinary antibiotics, sulfonamides, fluoroquinolones, aminoglycosides, pesticides, fungicides, dyes, pharmaceutical formulations and water contaminants.
- Sample matrices: milk, eggs, honey, vegetables, agricultural runoff, drinking water and other food and environmental samples.
- Material characterization used in research: FTIR, XRD, SEM/EDX, thermogravimetric analysis and vibrating sample magnetometry.

Research Grants and Projects

Project or award	Agency and details
National Research Programme for Universities research project	HEC Pakistan; 7494/Punjab/NRPU/R&D/HEC/2017; award letter dated 2 June 2018
Determination of binary mixture of drugs Atenolol and chlorthalidone by spectrophotometric methods	Bahauddin Zakariya University; PKR 146,880
Development and Application of Ormosils-Based Sorbents for Solid Phase Extraction and Quantification of Fungicides in Environmental Samples	Bahauddin Zakariya University; PKR 300,000
Institutional research support	ORIC BZU; ORIC/2022/229

Combined funding for the two individually titled BZU projects: PKR 446,880.

Research Development in 2026

Development of automated continuous-flow extraction and transformation of SPE sorbents into packed chromatographic phases for HPLC-UV analysis of drug residues in animal-derived foods. An HEC NRPU short proposal was submitted with collaboration support from Professor Thomas William Chamberlain, University of Leeds.

Proposal development: indigenous semi-automated magnetic solid-phase extraction device with reusable selective sorbents for monitoring veterinary antibiotic residues in milk.

Postgraduate Research Supervision

Level	Completed	Thesis submitted	In progress	Total
PhD	2	4	3	9
MPhil	59	—	4	63
Total	61	4	7	72

Completed PhD Scholars

Scholar and session	Research topic	Completion
Zeeshan Ali **2016–2020**	Syntheses of Biodegradable Cross-Linked Molecular Imprinted Polymers Bound with Anti-Cancerous Medicine for Targeted Drug Delivery	2023
Muhammad Hayat **2016–2020**	Molecularly Imprinted Ormosil as a Sorbent for Targeted Dispersive Solid Phase Extraction of Pyriproxyfen from Strawberry Samples	2023

PhD Theses Submitted

Scholar and session	Research area
Muhammad Waqas Ashraf **2016–2020**	Molecularly imprinted polydopamine-coated carbon-based composites for drug analysis
Sidra Iram **2020–2023**	Functionalized graphene-based polyurethane sponge for extraction of drug residues from food samples
Zahra Nazar **2020–2023**	Core–shell Fe3O4@SiO2 polyoxometalate-based ionic liquid composites for drug extraction
Muhammad Jamil **2016–2018**	Ormosil-based sorbents for SPE and determination of fungicides

PhD Scholars in Progress

Scholar	Session	Status
Maham Javeed	2024–2027	In progress
Ayesha Akram	2024–2027	In progress
Naveed Ahmad	2025–2028	In progress

Research synopses submitted for the three PhD scholars in progress.

MPhil Scholars in Progress

Scholar and registration	Session	Research topic
Eisha Ahmad **MPHCW-24-76**	2024–2026	Humic acid amino-functionalized Luffa aegyptiaca sponge for SPE of neonicotinoids from tomato
Tehmina Iftikhar **MPHCW-24-72**	2024–2026	Enhancing solubilization of diclofenac potassium via a mixed micellar approach
Maimoona Iram Bashir **MPHCW-24-71**	2024–2026	Magnetic graphene oxide conjugated with eggshell biochar for extraction of drug residues from food
Waqar Rasheed **MPHCW-24-44**	2024–2026	Production of biodiesel from waste cooking oil using a hydrazone catalyst

Representative Completed MPhil Research

Scholar	Session	Research topic
Ifrah Athar	2021–2023	Synthesis of Trace Elements Saturated Diammonium Phosphate Fertilizer for Enhanced Soil Fertility
Gohar Zubair	2020–2022	Synthesis and Characterization of Molecular Imprinted Polymer as Adsorbent for Solid Phase Extraction of Cefixime
Iqra Attiq	2023–2025	Synthesis and Characterization of Magnetic Graphene Oxide Based Material for Water Treatment
Zeeshan Haider	2016–2018	HPLC method development for ceftriaxone sodium

Teaching and Academic Service

Teaching and student research guidance in analytical chemistry, instrumental analysis, chromatography, spectroscopy, sample preparation and analytical method development.

- External examination and MPhil viva duties at The Islamia University of Bahawalpur, including a viva on 11 December 2023.
- MPhil thesis evaluation for Emerson University Multan in 2025.
- Academic mentoring and preparation of scholarly references and research-placement support for undergraduate and postgraduate students.

International Collaboration

Research and publishing collaboration with Professor Thomas William Chamberlain, School of Chemistry, University of Leeds, United Kingdom, including work on graphitic polyurethane sponge extraction and gallate-based MOF sorbents.

Doctoral research at Beijing Normal University, China, under Professor Jin Ouyang, with collaborative publications in chromatography, nanomaterials and fluorescence-based analysis.

Journal Publications

Publications are listed in reverse chronological order. Author names and article titles are retained in full. An asterisk identifies Muhammad Sajid as corresponding author where recorded in the original CV or supplied publication information.

2026

1. Shahzaib Hanif, Muhammad Tariq, **Muhammad Sajid**, Sami Ullah, Syed Shoaib Ahmad Shah, Muhammad Nadeem Akhtar, Muhammad Waqas Ashraf, Muhammad Altaf Nazir. Magnetic Graphene Oxide/NiO/Alginate Composite: Enhanced Adsorption Performance and Mechanistic Insights for Cationic Dye Removal. Journal of the Chinese Chemical Society (2026), early view, published online 31 August 2026. https://doi.org/10.1002/jccs.70270

2. Muhammad Waseem, Sidra Iram, **Muhammad Sajid**, Thomas William Chamberlain, Zahra Nazar, Muhammad Jamil. Development of a gallate-based metal-organic framework/activated carbon composite for the pipette-tip solid phase extraction, and HPLC-UV determination of sulfonamides from milk, egg, and honey. Journal of Food Composition and Analysis 156 (2026), 109304. https://doi.org/10.1016/j.jfca.2026.109304

3. Muhammad Sajjad, Zohaib Ashraf, Waseem Shoukat, **Muhammad Sajid**, Rahman Shah Zaib Saleem, Muhammad Fahad Saeed, Muhammad Naeem Ashiq, Francis Verpoort, Adeel Hussain Chughtai. Integrating Semiconductor Quantum Dots with Metal–Organic Frameworks: ZnS@Dy-MOF as Robust Bifunctional Catalyst for Overall Water Splitting. Transactions of Tianjin University 32(3) (2026), 320–335. https://doi.org/10.1007/s12209-026-00477-1

4. Zahra Mohammadizadeh Tahroudi, Zahra Nazar, Gregory G. Warr, **Muhammad Sajid**, Rob Atkin. Nanostructure of Polyoxometalate-Ionic Liquids: Effects of Anion Geometry and Cation Chain Length. The Journal of Physical Chemistry Letters 17(8) (2026), 2222–2227. https://doi.org/10.1021/acs.jpclett.5c03715

5. Zahra Nazar, Ayed M. Binzowaimil, Sidra Iram, Muhammad Tayyab Ishaq, **Muhammad Sajid**, Hafiz Muhammad Asif, Mohannad Al-Hmoud, Muhammad Salman Khan. Polyoxometalate-ionic liquid functionalized magnetic nanocomposites for solid phase extraction and HPLC determination of sulfonamides in food samples. RSC Advances 16(5) (2026), 4241–4251. https://doi.org/10.1039/D5RA08607H

2025

6. Nosheen Majeed, **Muhammad Sajid**, Zeeshan Ali, Muhammad Hayat, Waseem Hassan, Muhammad Jamil. Synthesis of Fluorescent Molecularly Imprinted Polymer with Magnetic Chitosan/Graphenen Oxide Composite for Extraction of Fipronil from Sugarcane Juice. Chemistry Africa 8 (2025), 4291–4305. https://doi.org/10.1007/s42250-025-01486-8

7. Shiza Iqbal, Zahra Nazar, Sidra Iram, Abdul Hannan Asif, **Muhammad Sajid**. Polyoxometalate–ionic liquid-modified magnetic microcomposites as efficient sorbents for the extraction of veterinary drug residues from food samples. Journal of Food Composition and Analysis 148, Part 5 (2025), 108659. https://doi.org/10.1016/j.jfca.2025.108659

8. Bareera Saif, Sidra Iram, Zahra Nazar, **Muhammad Sajid***, Muhammad Jamil. Dispersive solid-phase extraction using Dy-MOF and Dy-MOF-GO as adsorbents for the extraction of drug residues from egg and milk samples and their determination with HPLC-UV. Journal of Food Composition and Analysis 146 (2025), 107927. https://doi.org/10.1016/j.jfca.2025.107927

9. Muhammad Jamil, Muhammad Hayat, **Muhammad Sajid***, Faisal Nawaz, Muhammad Mahboob Ahmed, Naveed Arshad, Muhammad Imran Khan. Tri-template molecularly imprinted organically modified silane as selective sorbent for simultaneous determination of carbofuran, difenoconazole, and 2-methyl-4-chlorophenoxyacetic acid from agricultural runoff. International Journal of Environmental Analytical Chemistry 105(19) (2025), 8213–8233. https://doi.org/10.1080/03067319.2025.2474485

10. Muhammad Adeel, Muhammad Waqas Ashraf, **Muhammad Sajid**, Shahzaib Hanif, Syed Shoaib Ahmad Shah, Muhammad Altaf Nazir. Exploring MOF-74 composites: From novel synthesis to cutting-edge applications. Inorganic Chemistry Communications 174 (2025), 114026. https://doi.org/10.1016/j.inoche.2025.114026

2024

11. Jawaria Anjum, Syeda Aaliya Shehzadi, **Muhammad Sajid***, Ifzan Arshad, Muhammad Sajjad, Ayesha Siddique, Khizra Abdul Jabbar. Azadirachta indica assisted green synthesis of magnetic Ag/GO-Fe3O4 nanocomposites for the solid-phase extraction of tetracyclines from milk. Journal of the Chinese Chemical Society 71(10) (2024), 1286–1299. https://doi.org/10.1002/jccs.202400154

12. Mariam Khan, Muhammad Mahboob Ahmed, Muhammad Nadeem Akhtar, **Muhammad Sajid**, Nagina Naveed Riaz, Muhammad Asif, Muhammad Kashif, Bushra Shabbir, Khalil Ahmad, Muhammad Saeed, Maryam Shafiq, Tayyaba Shabir. Fabrication of CuWO4@MIL-101 (Fe) nanocomposite for efficient OER and photodegradation of methylene blue, Heliyon 10 (2024) e40546. https://doi.org/10.1016/j.heliyon.2024.e40546

13. Zahra Nazar, Sidra Iram, **Muhammad Sajid***, Hafiz Muhammad Asif, Hameed Ullah, Razan A. Alshgari, Zahra Mohammadi Zadeh Tahroudi. Efficient solid phase extraction and HPLC analysis of drug residues in Animal-Derived food products using Polyoxometalate-based ionic liquid composite. Microchemical Journal 206 (2024) 111650

14. Sidra Iram, **Muhammad Sajid***, Muhammad Furqan Nawaz, Zahra Nazar, Muhammad Jamil, Saghir Hussain. Efficient extraction and HPLC determination of sulfonamide residues in milk samples using acylated graphene oxide-functionalized polyurethane sponges: A tailored approach for efficient analyte recovery. Journal of Food Composition and Analysis 136 (2024) 106665

15. Sidra Iram, Zahra Nazar, **Muhammad Sajid***, Thomas William Chamberlain, Muhammad Furqan Nawaz, Muhammad Mahboob Ahmed, Muhammad Kashif. In-tube solid phase extraction with graphitic-based polyurethane sponge as a superhydrophobic sorbent and determination of drug residues in foodstuffs using high-performance liquid chromatography. Food Chemistry 448 (2024) 139022

16. Atika Batool, Najla AlMasoud, Zahra Nazar, Hameed Ullah, **Muhammad Sajid**, Taghrid S. Alomar, Muhammad Ali Khan, Hafiz Muhammad Asif, Sidra Iram, Latif Ullah, Shahid Hussain. Synthesis of Polyoxometalates-Ionic Liquids@Fe3O4@SiO2 composites for the extraction of atrazine and deltamethrin pesticide residues from food samples and their determination by HPLC. Microchemical Journal 200 (2024) 110312

17. Muhammad Sajjad, Rasmiah Saad Almufarij, Zeeshan Ali, **Muhammad Sajid***, Nadeem Raza, Suryyia Manzoor, Muhammad Hayat, Ehab A. Abdelrahman. Magnetic solid phase extraction of aminoglycosides residue in chicken egg samples using Fe3O4-GO-Agarose-Chitosan composite, Food Chemistry 430 (2024) 137092

18. Zeeshan Ali, **Muhammad Sajid***, Muhammad Mahboob Ahmed, Muhammad Hanif, Suryyia Manzoor. Synthesis of green fluorescent cross-linked molecularly imprinted polymer bound with anti-cancerous drug (docetaxel) for targeted drug delivery. Polymer Bulletin 81(1) (2024), 679–696. https://doi.org/10.1007/s00289-023-04714-8

2023

19. Zeeshan Ali, **Muhammad Sajid***, Nadeem Raza, Younas Sohail, Muhammad Hayat, Suryyia Manzoor, Nasir Shakeel, Komal Aziz Gill, Ahmad A. Ifseisi, Mohd Zahid Ansari. Study of modified biomass of Gossypium hirsutum as heavy metal biosorbent. Arabian Journal of Chemistry. 16 (2023) 105332

20. Afshan Mushtaq, Muhammad Nadeem, Ibrahim A. Shaaban, Mohammed A. Assiri, **Muhammad Sajid**, Muhammad Ali Khan, Hafiz Muhammad Asif, Zahra Nazar, Shahid Hussain and Zeinhom M. El-Bahy. Catalytic oxidative desulfurization of thio-compounds by employing χ-Anderson-type polyoxometalates-porphyrin covalent organic framework (COF), Tetrahedron 144 (2023) 133575

21. Nagina Naveed Riaz, Muhammad Mahboob Ahmed, Muhammad Kashif, **Muhammad Sajid**, Muhammad Ali and Khalid Mahmood. Biologically potent organotin(IV) complexes of N-acetylated β-amino acids with spectroscopic, X-ray powder diffraction and molecular docking studies. RSC Advances. 13(2023), 10768–10789

22. Muhammad Hayat, Suryyia Manzoor, Hina Raza, Muhammad Imran Khan, Abdallah Shanableh, **Muhammad Sajid**, Tahani Mazyad Almutairi, Rafael Luque. Molecularly imprinted ormosil as a sorbent for targeted dispersive solid phase microextraction of pyriproxyfen from strawberry samples. Chemosphere 320 (2023) 137835

2022

23. Abdul Majid Shad, Zeeshan Ali, Dilshad Hussain, **Muhammad Sajid***. Development of HPLC-Based QuEChERS Method for High Recovery of Fungicides from Vegetable Samples. Tropical Journal of Natural Product Research 6(2) (2022), 171–175. https://doi.org/10.26538/tjnpr/v6i2.1

24. **Muhammad Sajid**, Muhammad Aamir, Muhammad Jamil, Mukhtar Ahmad, and Shahzada Qamar Hussain. Removal of Fluoride Ions (F-1) from Contaminated Drinking Water using MnFe2O4 /Banana Peels Composite Synthesized through Chemical Co-Precipitation Method. Journal of Materials and Physical Sciences. 3(2022) 71–80. https://doi.org/10.52131/jmps.2022.0302.0028

25. Zeeshan Ali, **Muhammad Sajid***, Suryyia Manzoor, Muhammad Mahboob Ahmad, Muhammad Imran Khan, Noureddine Elboughdiri, Muhammad Kashif, Abdallah Shanableh, Wajdi Rajhi, Wael Mersni, Emin Bayraktar, and Sahbi Ben Salem. Biodegradable Magnetic Molecularly Imprinted Anticancer Drug Carrier for the Targeted Delivery of Docetaxel. ACS Omega 2022, 7, 28516−28524

26. Faiz Rasool, Ajaz Hussain, Muhammad Yar, Khurshid Ayub, **Muhammad Sajid**, Muhammad Ali Khan, Hafiz Muhammad Asif, Muhammad Imran, Mohammed A. Assiri. Nonlinear optical response of 9,10-bis(phenylethynyl)anthracene mediated by electron donating and electron withdrawing substituents: A density functional theory approach. Materials Science in Semiconductor Processing 148 (2022) 106751

2021

27. Muhammad Ali Khan, Zainab Shakoor, Talal Akhtar, **Muhammad Sajid**, Hafiz Muhammad Asif. Exploration on χ-Anderson type Polyoxometalates based hybrids towards photovoltaic response in solar cell. Inorganic Chemistry Communications 133 (2021) 108875

28. Javeria Tayyab, Zeeshan Ali, Zeeshan Haider, **Muhammad Sajid***. Fast and Accurate Quantitative Determination of Prednisolone and Chlorpheniramine in Active Pharmaceutical Ingredients and Parenteral Dosage Forms. Tropical Journal of Natural Product Research, November 2021. 5(11):1922-1926 doi.org/10.26538/tjnpr/v5i11.5

29. Zeeshan Haider, Zeeshan Ali, Javaria Tayyab, Muhammad M. Ahmad, Muhammad Ahmad, **Muhammad Sajid***, Dilshad Hussain. Eco-Friendly and Cost-Effective Method for the Quantitative Determination of Ceftriaxone Sodium in Pharmaceutical Drug Formulations. Tropical Journal of Natural Product Research, October 2021. 5(10): 1716-1723 doi.org/10.26538/tjnpr/v5i10.4

30. Aqib Javed, Iqra Naeem, Noreddine Benkerroum, Muhammad Riaz, Saeed Akhtar, Amir Ismail, **Muhammad Sajid**, Muhammad Tayyab Khan and Zubair Ismail. Occurrence and Health Risk Assessment of Aflatoxins through Intake of Eastern Herbal Medicines Collected from Four Districts of Southern Punjab—Pakistan. International Journal of Environmental Research and Public Health 2021, 18, 9531. https://doi.org/10.3390/ijerph18189531

31. Muhammad M. Ahmed, Nagina N. Riaz, Muhammad Kashif, Muhammad Ashfaq, Muhammad N. Arshad and **Muhammad Sajid**. Synthesis, Hypoglycemic Effect, Antimicrobial and Molecular Docking Studies of Organotin (IV) Complexes Derived From N-Phthalimido β-Amino Acid Derivatives. Journal of the Brazilian Chemical Society, Vol. 32, No. 5, 1082-1099, 2021

2020

32. Zeeshan Ali, Fatima Qureshi, Dilshad Hussain, Hira Munir and **Muhammad Sajid**. Polyacrylamide grafted Eucalyptus camaldulensis (EC-g-PAM) gum as an efficient binding agent in drug formulations, Materials Research Express 7 (2020) 045307

33. **Muhammad Sajid***, Muhammad Razzaq, Zeeshan Ali, Dilshad Hussain, Ajaz Hussain, Ahmad Yar, Muhammad Hayat. Determination of Neonicotinoid (Nitenpyram, Imidacloprid and Acetamiprid) Pesticides Residues in Five Dried Vegetables by High Performance Liquid Chromatography. Journal of Chromatography & Separation Techniques Vol.11 Iss.3 (2020) No:431. https://doi.org/10.35248/2157-7064.20.11.431

2018

34. Amir Ismail, Bruna L. Gonçalves, Diane V. de Neeff, Bárbara Ponzilacqua, Carolina F.S.C. Coppa, Henning Hintzsche, **Muhammad Sajid**, Adriano G. Cruz, Carlos H. Corassin, Carlos A.F. Oliveira. Review: Aflatoxin in foodstuffs: Occurrence and recent advances in decontamination. Food Research International 113 (2018) 74–85

35. Muhammad Mazhar Ayaz, **Muhammad Sajid**, Sanjota Nirmal Das and Muhammad Hanif. An ex vivo up-take of levamisole molecules by cestode (Monezia expensa) of goat (Capra hirsa) and its detection through RP-HPLC. Pakistan Journal of Pharmaceutical Sciences, Vol.31, No.3, (2018) 961-966

2014

36. Muhammad Tariq, Muhammad Mansoor Iqbal, Abdul Aziz, Muhammad Shafiq, **Muhammad Sajid** and Bashir Mohammad. Recovery of Alumina from Khushab Bauxite by Leaching with Sulphuric Acid and Removal of Iron Impurity by Ethanol. Journal of the Chemical Society of Pakistan, Vol. 36, No. 4, 2014. 624-629

2013

37. **Muhammad Sajid**, Na Na, Muhammad Safdar, Xin Lu, Lin Ma, Lan He, Jin Ouyang. Rapid trace level determination of sulfonamide residues in honey with online extraction using short C-18 column by high-performance liquid chromatography with fluorescence detection. Journal of Chromatography A, 1314 (2013) 173– 179. https://doi.org/10.1016/j.chroma.2013.09.020

2012

38. Jing Zhang, **Muhammad Sajid**, Na Na, Lingyun Huang, Dacheng He, Jin Ouyang. The application of Au nanoclusters in the fluorescence imaging of human serum proteins after native PAGE: Enhancing detection by low-temperature plasma treatment. Biosensors and Bioelectronics 35(1) (2012), 313–318. https://doi.org/10.1016/j.bios.2012.03.010

2011

39. Lin Ma, **Muhammad Sajid**, Pingping Liu, Na Na, Dacheng He, Xueyuan Xiao and Jin Ouyang. Effects of N,N,N',N'-tetramethylethylenediamine on the properties of CdTe quantum dots, Journal of Materials Chemistry, 21(2011) 13299–13305

40. Na Na, Xianglan Cui, Thomas De Beer, Tingting Liu, Tingting Tang, **Muhammad Sajid** and Jin Ouyang. The use of silica nanoparticles for gas chromatographic separation Journal of Chromatography A, 1218 (2011) 4552–4558. https://doi.org/10.1016/j.chroma.2011.05.043

Journal Correction

Mariam Khan, Muhammad Mahboob Ahmed, Muhammad Nadeem Akhtar, Muhammad Sajid, Nagina Naveed Riaz, Muhammad Asif, Muhammad Kashif, Bushra Shabbir, Khalil Ahmad, Muhammad Saeed, Maryam Shafiq, Tayyaba Shabir. Corrigendum to "Fabrication of CuWO4@MIL-101 (Fe) nanocomposite for efficient OER and photodegradation of methylene blue" [Heliyon 10, (23), December 2024, Article e40546]. Heliyon (2026), e44939. https://doi.org/10.1016/j.heliyon.2026.e44939

Book Chapter

Mamoona Amir, Arif Shahzad, Asim Faraz, Muhammad Sajid, Khurram Afzal, Iqra Naeem, Amir Ismail, Zarmina Mumtaz. Health Effects of Aflatoxins in Fetus, Infants, and Children. In Khalid Rehman Hakeem, Carlos A. F. Oliveira and Amir Ismail, editors, Aflatoxins in Food: A Recent Perspective. Springer, Cham (2022), pp. 99–122. https://doi.org/10.1007/978-3-030-85762-2_5

Conference Presentations

- M. Sajid, N. Na and J. Ouyang. Analysis of active and inactive ingredients in tablets by two different columns connected to two different detectors by single injection high-performance liquid chromatography. Poster, 15th Beijing Conference and Exhibition on Instrumental Analysis, Beijing, 23–26 October 2013.
- M. Sajid. Online extraction strategy for sample preparation. Presentation, Nano Club Conference organized by Chinese and international students of Nano Center Beijing, 30 October 2013.
- Poster presentation at Forefronts of Chemistry Celebrating the Periodic Table Year, Institute of Chemical Sciences, BZU, Multan, 27–29 March 2019.
- Muhammad Mahboob Ahmad, Nagina Naveed Riaz, Ashfaq Ahmad, Tariq Mahmood Ansari, Muhammad Sajid and M. Naveed Arshad. Synthesis spectroscopic characterization of biological studies and hypoglycemic effect of new organotin IV complex. 18th International and 30th National Chemistry Conference on Recent Trends in Chemistry, 27–28 March 2019. ISBN 978-969-9368-65-3.

Conferences Workshops and Professional Development

- Technology Development Fund awareness seminar, Institute of Management Sciences, BZU, Multan, 15 May 2018.
- International Symposium on Technologies for Renewable Energy, Environment and Sustainability, Department of Chemistry, University of Faisalabad, 6–7 February 2019.
- 4th International Conference on Food and Nutritional Security in Changing Climate, Institute of Food Science and Nutrition, BZU, Multan, 3–4 March 2019.
- STEM International Conference, presentation or participation.
- Three Days International Pharmacy Conference on Recent Trends in Advancement of Pharmaceutical Sciences Challenges and Opportunities.
- National Training Workshop and Symposium on Nanotechnology Research in Pakistan, NIBGE.
- Bio-waste Derived Carbons for Waste-to-Bioenergy Conversion and Water Purification; workshop on Biomass Derived Carbons for Water Purification and Catalyst for Biofuel.
- Workshop on Science, Technology and Entrepreneurship; international conference on Recent Challenges and Chemical Sciences.

Awards and Recognition

- Chinese Government Scholarship for PhD studies, 2009–2013.
- Certificate of Appreciation for NRPU project success, ORIC, Bahauddin Zakariya University.
- Certificates of appreciation for STEM International Conference participation or presentation and participation in Fikr-e-Iqbal.

Academic Referees

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