

Academic Curriculum Vitae



Personal Information:

Full Name: Bashdar Abuzed Sadee
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Education:

- 2012-2016: (Ph.D. in Analytical Chemistry). Faculty of Faculty of Science and Engineering, School of Geography, Earth and Environmental Sciences, University of Plymouth -UK.
- 2007-2010: (M.Sc. in Analytical Chemistry). Department of Chemistry, College of Science, University of Salahaddin-Erbil.
- 1999-2003: (B.Sc. in Chemistry). Department of Chemistry, College of Science, University of Salahaddin-Erbil.

Employment:

- 2023 Assist. Professor of Analytical Chemistry, Department of Food Technology, College of Agricultural Engineering sciences / University of Salahaddin-Erbil.
- 2016 Lecturer of Analytical Chemistry, Department of Food Technology, College of Agricultural Engineering sciences / University of Salahaddin-Erbil.
- 2010 Assist. Lecturer of Analytical Chemistry, Department of Food Technology, College of Agricultural Engineering sciences / University of Salahaddin-Erbil.
- 2004 Demonstrator and assistant Lab of Chemistry, Department of Food Technology, College of Agricultural Engineering sciences / University of Salahaddin-Erbil.

Qualifications

- Teaching qualifications: Lecturer of Analytical Chemistry
- IT qualifications: Windows, Microsoft Word and Microsoft Excel.
- Language qualifications: Academic English Program for Research students, IELTS, USEPT.

Teaching experience:

- Analytical Chemistry
- Instrumental Analysis
- Separation Methods
- Food Analysis
- Metal speciation
- Environmental Analysis
- Toxicology
- Food Chemistry

Research and publications

Bashdar Abuzed Sadee, Yaseen Galali, Salih MS Zebari, (2023) 'Toxicity, arsenic speciation and characteristics of hyphenated techniques used for arsenic determination in vegetables. A review' RSC Adv., 2023, 13, 30959-3097. DOI: 10.1039/D3RA05770D.

Bashdar A Sadee, Rasul J Ali, (2023) Determination of heavy metals in edible vegetables and a human health risk assessment' Environmental Nanotechnology, Monitoring & Management, <https://doi.org/10.1016/j.enmm.2022.100761>.

Bashdar A Sadee, (2022) Determination of Elements in Indigenous Vegetables Using ICP-MS. Cihan University-Erbil Scientific Journal. VOL 6 NO 1 (2022)

Bashdar A Sadee, (2022) Determination of Elements in Indigenous Vegetables Using ICP-MS, Cihan University-Erbil Scientific Journal, 6(1), pp.26-31., DOI: <https://doi.org/10.24086/cuesj.v6n1y2022.pp26-31>.

Rasul Jameel Ali and Bashdar A Sadee, (2022) Determination of essential and trace elements in various vegetables using ICPMS.' Baghdad Science Journal, 20(3): 715-725. DOI: <https://dx.doi.org/10.21123/bsj.2022.3527>.

Bashdar A Sadee, (2022). Determination of trace metals in vegetables using ICP-MS. Zanco Journal of Pure and Applied Sciences, 34(3), pp.73-83. DOI: <http://dx.doi.org/10.21271/zjpas>

Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2020) Arsenic speciation and its DNA fractionation in the rice plant *Oryza sativa*' J. Anal. At. Spectrom, <https://doi.org/10.1039/D0JA00141D>.

Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2016) 'A study of arsenic speciation in soil, irrigation water and plant tissue: A case study of the broad bean plant, *Vicia Faba*' Food Chemistry, 210 (2016), 362-370.

-Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2016) 'An evaluation of extraction techniques for arsenic in staple diets (fish and rice) utilising both classical and enzymatic extraction methods' Food Additives & Contaminants: Part A, Vol 33 No 3, (2016), 433-441.

-Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2015) 'Coupled techniques for arsenic speciation in food and drinking water: a review'. J. Anal. At. Spectrom., 30, 102.

-Kamal Mahmood and Bashdar A Sadee (2010) 'Spectrophotometric determination of carbaryl using diazotization-coupling and flow injection analysis with chemiluminescence' International Jour. Chem., (20): 245-252.

Conferences and courses attended

Paper presented at conferences -oral presentation

-Assessing the knowledge of Kurdish consumers about the presence and health impacts of arsenic in rice, 5th International Conference on Biomedical and Health Sciences Joint with Warsaw University Of Life Sciences and College of Medicine-University of Babylon (CIC-BIOHS'2024), Cihan University-Erbil, Erbil, 2024.

-Total arsenic and arsenic speciation in indigenous food stuffs, Biogeochemistry Research Centre (BGC), 4th Annual Conference, Plymouth, UK, 2012.

-Arsenic in our food: A study of arsenic speciation in a range of common food stuffs, Biogeochemistry Research Centre (BGC), 5th Annual Conference, Plymouth, UK, 2013.

-Determination of total arsenic and arsenic speciation in a range of vegetables and crops measured by HPLC-ICP-MS, Biogeochemistry Research Centre (BGC), 5th Annual Conference, Plymouth, UK, 2014.

Funding and academic awards

- HCDP scholarship to complete PhD's degree

Professional memberships

- 2007- up to date Member of Teachers syndicate
- 2004 - up to date member of Kurdistan Chemical Society

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Scholar Account: <https://scholar.google.com/citations?hl=en&user=&user=a89t09EAAAAJ>