



Curriculum Vitae

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Personal Information:

Date of Birth: 14th of Jan 1988.

Place of Birth: Mafraq – Jordan.

Nationality : Jordanian.

Gender : Male.

Education:

2020 – 2023: Ph.D. in analytical chemistry. Nicolaus Copernicus University in Toruń. Poland

2016 – 2019: Master in analytical chemistry (M.Sc.). Al al-Bayt University – Jordan.

2007 – 2011: Bachelor of Science (B.Sc.) Chemistry. Al al-Bayt University – Jordan.

2007: High School Diploma – Scientific Track AL-mafraq Secondary Comprehensive School for Boys.

Title of doctoral Thesis:

Biosilica as a New Packing Material for Chromatographic Separations.

Title of Master Thesis:

Spectrophotometric method for estimation of ranitidine hydrochloride in pharmaceutical preparation.

Publications:

- Baker, H.; **Al saoud, H.**; Abdel-Halim, H. Eur. J. Chem. 2020, 11(4), 291-297. doi:10.5155/eurjchem.11.4.291-297.2002 .
- **Al Saoud, Hussam**, Aneta Krakowska-Sieprawska, Myroslav Sprynskyy, Paweł Pomastowski, and Bogusław Buszewski. "Nowe materiały na bazie 3D biokrzemionki." *Analityka: nauka i praktyka* 3 (2021): 4-12.
- **Al Saoud H**, Sprynskyy M, Pashaei R, Kawalec M, Pomastowski P, Buszewski B. Diatom biosilica: Source, physical-chemical characterization, modification, and application. *J Sep Sci.* 2022;1–15.
- M. Szumski, **H. Al Saoud**, I. Wojtczak, M. Sprynskyy, R. Gadzała-Kopciuch, S. Bocian, M. Dembek, M. Potrzebowski, B. Buszewski, Diatom biosilica for the chromatographic purposes. *J. Chromatogr. A.*
- **Al Saoud, H.A.**, Szumski, M., Sprynskyy, M., Bocian, S. and Buszewski, B., 2023. Biosilica as a New Stationary Phase in HILIC Mode. *Chromatographia*, pp.1-7.
- **Al Saoud, H.**; Szumski, M.; Buszewski, B. Biosilica as a packing material in solid phase extraction.(in preparation)

Conferences

1. Baker, H.; **AL saoud, H.**; Abdel-Halim, H. 16th Jordanian Chemical Conference. Spectrophotometric method for estimation of ranitidine hydrochloride in pharmaceutical preparation. poster presentation. Jordan, 10 October. (2019).
2. **Hussam AL Saoud**, Michał Kawalec, Boguslaw Buszewski. 17th International Students Conference —Modern Analytical Chemistry. characterization and functionalization of biosilica composites. Oral presentation. Prague. (16-17 September 2021).
3. **Hussam AL Saoud**, Michał Szumski, Michał Kawalec, Boguslaw Buszewski. The 4th International Congress on Analytical and Bioanalytical Chemistry. Diatom biosilica for chromatographic purposes. Oral presentation. Online-Turkey. (23-26 March 2022).

4. **Hussam AL Saoud**, Michał Kawalec, Myroslav Sprynskyy, Boguslaw Buszewski. How to Change the World via Science. Diatom biosilica as a drug carrier. poster presentation. Jordan.(09 – 11 June 2022).
5. Boguslaw Buszewski, **Hussam AL Saoud**, Michał Szumski, Myroslav Sprynskyy, Marek Potrzebowski. From Czochralski silica to ... biosilica. ¹⁰th Congress of Chemical Technology. Oral presentation. Wrocław-Poland.(11-14 May 2022).
6. Michał Szumski, **Hussam AL Saoud**, Myroslav Sprynskyy, Boguslaw Buszewski. Biosilica as a new generation of stationary phase for separation technique. How to Change the World via Science. Oral presentation. Jordan.(09 – 11 June 2022).
7. Boguslaw Buszewski, **Hussam AL Saoud**, Michał Szumski, Szymon Bocian, Myroslav Sprynskyy,. Biosilica as a new generation of material for separation technique. HPLC. Plenary lecture. Duesseldorf, Germany.(18-22 June 2023).
8. Michał Szumski, **Hussam AL Saoud**, Izabela Wojtczak, Myroslav Sprynskyy , Renata Gadzała-Kopciuch, Szymon Bocian, Boguslaw Buszewski. Diatom biosilica for capillary high performance liquid chromatography. Part 1. Reversed phase mode. ⁶⁵th Scientific Congress of the Polish Chemical Society, PTChem 2023. poster presentation. Toruń, Poland (18-22 September 2023).
9. Michał Szumski, **Hussam AL Saoud**, Myroslav Sprynskyy , Szymon Bocian, Boguslaw Buszewski. Diatom biosilica for capillary high performance liquid chromatography. Part 2. HILIC mode. ⁶⁵th Scientific Congress of the Polish Chemical Society, PTChem 2023. poster presentation. Toruń, Poland (18-22 September 2023).

Languages:

- Arabic (1st Language-Perfect-Mother Language)
- English (2nd language—very good).

Experience:

1. Chemistry & Science Teacher at Abi Jafar al-Mansour Secondary Comprehensive School for Boys, October 2011 – 2015.
2. Chemistry & Science Teacher at Al-Rabia Secondary Comprehensive School for Boys, October 2015 – 2019.
3. Research assistant at Bialystok University of Technology 2020-2022.
4. Ph.D. at Nicolaus Copernicus University in Toruń, Poland 2020-2023.

