



Farah Kadhum AL_Hammashi

Academic Qualifications

02/ 2021 – 02/2025 Doctor of chemistry / Analytical chemistry
Department of chemistry
Isfahan University

Doctor Thesis: Commercial filters coated with polycatechol and its derivatives as adsorbents for solid phase microextraction of non-steroidal anti-inflammatory drugs from wastewater samples

09/ 2017 – 09/2019 Master of chemistry / Analytical chemistry
Department of chemistry
Ferdowsi University of Mashhad
Masters Thesis: "Preparation of a new photo electron catalyst using carbon nanotubes, titanium dioxide and gold-platinum nanoparticles for application in ethanol fuel cell

11/2011- 09/2015 Bachelor of chemistry
Wasit University
College of Science
Department of chemistry

Scholarships and Awards

- Certificates of participation in a scientific workshop held at the University of Wasit, as well as scientific workshops held online.

*Research review in Microchemical journal indexed in Scopus, five times

Professional Profile

- Working on a high-performance liquid chromatography device

- Working knowledge of Word, Excel, PowerPoint and Statistical Package for Social Scientists
- Proficient in The ability to conduct future research regarding work in the field of high-performance liquid chromatography
- Speak Arabic, English and Persian
- Skill in establishing scientific workshops related to chemistry

Academic Employment – Teaching and Research

04/2023

Tutor

Department of chemistry / college of science / Department of chemistry

Responsibilities

- Teaching Instrumental analysis chemistry for the 4th stage
- **Study the second stage of analytical chemistry.**

Employment History – General

20/2020 – 23/2023

A former teaching assistant with the title of Assistant Lecturer at Al-Kut University College. I teach the first stage of principles of general chemistry in the Department of Medical Laboratory Technology.

Publications

1. [Plasmon enhanced electrooxidation of ethanol using a new Au-Pt/TiO₂/MWCNTs photoelectrocatalyst](#)
2. [Urinary tract infection in patients with diabetes mellitus and the role of parental genetics in the emergence of the disease](#)
3. [Development of solid-phase microextraction methods for determination of non-steroidal anti-inflammatory drugs](#)
4. [Polycatechol coated cigarette filter as a sorbent for microextraction by packed sorbent of acidic non-steroidal anti-inflammatory drugs \(NSAIDs\) from wastewater samples](#)

Presentations

- " Experimental Design and optimization At Wasit University
- Oxidation of ethanol using a new MWCNTs–TiO₂–Au–Pt photoelectrocatalyst At Gulf of Persia University in Iran

Professional Memberships

Member of the Nanotechnology Association - Iraq Branch

Interests

Traveling, speaking other languages, and paying attention to health, proper nutrition, and exercising

Referees

Fariborz Momenbeik

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