



**WASIT University**  
College of Science



**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 4<sup>th</sup> 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/TiO<sub>2</sub>/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–TiO<sub>2</sub>–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**

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