WASIT University
College of Science

Fatma Abbas Khazal Almosawy

Academic Qualifications

2/2/2017 **Doctorate of Chemistry**
Department of Chemistry
College of Science
University of wasit

15/6/2009 **Master of Chemistry**
Department of Chemistry
College of Science
University of wasit

1986- 1987 **Bachelor of Chemistry**
Mousl University
College of Education
Department of Chemistry

Courses and Participations

Teaching Qualification Certificate (2009)

Arabic Language Proficiency (2009)

Teaching Scientific Subjects in English (2019)

Training Course on the Optimal Path for Laboratory Practices According to the Good Laboratory Practice (GLP) System (2020)

E-learning and Blended Learning: Importance and Application (2020)

Reviewer/Evaluator of numerous scientific research papers in journals and conferences.

Scholarships and Awards

Professional Profile

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Academic Employment – Teaching and Research

Responsibilities

Member of the Examination Committee (2020, 2021, 2022, 2023,2025)
Member of the Quality Liaison Committee (2020)
Member of the Laboratory Quality Assurance Committee (2020)

Employment History – General

Work Experience

Teacher, Teachers' Preparation Institute (2009–2014)

Teacher, Distinguished Schools (2016–2020)

External Lecturer (2009–Present)
Department of Life Sciences

External Lecturer (2010–Present)
Department of Chemistry, College of Science, University of Wasit, Wasit, Iraq

Lecturer, College of Education for Pure Sciences and **Course Coordinator, Department of Life Sciences (2019–2021)**
University of Wasit, Wasit, Iraq

Lecturer, College of Science, Department of Chemistry (2021–Present)
University of Wasit, Wasit, Iraq

Publications

- **A Design, Molecular Docking, ADMET Studies, Synthesis Characterization, and Invitro Pharmacological Evaluation of Tetrazole Derivatives**
- **Quantitative On-Site Instrument-Free Visual Detection of Ferric Ions in Environmental and Biological Samples Using a Novel Fluorescent Metal–Organic Framework.**
- **HOMO-LUMO energies and geometrical structures effect on corrosion inhibition for organic compounds predict by DFT and PM3 methods**
- **Electronic transfers and (NLO) properties predicted by ab initio methods with prove experimentally**
- **Novel Cyclic Voltammetry Behavior Of 3-((Benzothiazol-2-Diazenylnaphthalene-2, 7-Diol And Use It For Spectrophotometric Determination Of Iron (III) In Blood Sample**
- **Synthesis and Solvatochromic of 3-(4-N-Pyridine-2-yl benzene sulfonamide azo)-1-nitroso naphthol and use it for determination of trace amount of Cobalt (II) as complex**

- **Synthesis, Characterization, Biological Activity, and Corrosion Inhibition Study of Two Dyes from 4-Aminophenol**
- **Determination of Quercetin Concentration Using Spectrophotometric Method Based on Diazotization Coupling Reaction**
- **Synthesis, Characterization, Biological Activity, and Corrosion Inhibition Study of Two Dyes from 4-Aminophenol**
- **Novel cyclic voltammetry behavior of 3-((benzothiazol-2-diazenylnaphthalene-2, 7-diol and use it for spectrophotometric determination of copper (II) in honey sample**
- **A Design, Molecular**

Presentations

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Interests

Referees

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