



Benghazi University

Academic Staff C.V.

First Name: Mohamad Gebril Ahmed

Surname: Elarfi

Qualification: Doctor of Philosophy in Chemistry

Country of Study: United Kingdom

Major: Organic chemistry

Year of Award: 2019

Faculty: Science and Engineering

Department: Chemistry

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Scientific Degree: lecturer

First Language: Arabic.

Second Language: English

Computer Skills: very good

Qualifications:

Degree	Year of Award	Affiliation Institution	Major
Bachelor in Science	1987	University of Benghazi	Chemistry
M.Phil.	1999	University of Manchester	Organic Chemistry
PhD	2019	University of Manchester	Organic Chemistry

Experience:

Job Nature	Employer Name	From	to
Chemist	Jowfe Oil Technology	1990	1991
Shift Supervisor	Jowfe Oil Technology	1991	1992
Head of quality control	Jowfe Oil Technology	1992	1994
Head of Chemistry Department	Jowfe Oil Technology	1994	2000
Head of the studies & Research Unit	Jowfe Oil Technology	2000	2005
Head of research department	Jowfe Oil Technology	2005	2007
Part time teaching staff	University of Benghazi –Faculty of Science- Chemistry Department	2003	2007
Part time teaching staff	Faculty of Mechanical Technology – Department of Chemical Engineering	2001	2009
Teaching staff member	University of Benghazi –Faculty of Science- Chemistry Department	2007	Up to date

Research Papers

- 1- Attended a conference and presented a paper entitled, (The *Design of Drilling Fluids for the Application of Ultra-Deep Water Drilling*) in a conference on Middle East Refining and Petrochemical Conference (Petrotech 2001) held at Bahrain on 29-31 October 2001.
- 2- Attended a conference and presented a paper entitled, *Gas to liquid (GTL) Technology: New Energy Technology for the Third Millennium* in 10th Abu Dhabi International Petroleum Exhibition and Conference held at Abu Dhabi on 13-16 October 2002.
- 3- Attended a conference and presented a paper entitled, (*Possibility of Manufacturing of polyurethane in Libya*) in a conference on the topic of Polymers and Their Future Applications held at Tripoli (Libya) On 11-12 December 2002.
- 4- Attended a conference and presented a paper entitled, (Effective *Management System for Protection of Desalination Plants against Corrosion and Scaling*) in The Third conference of Corrosion organised by Libyan Corrosion Society at Jofra (Libya) on 11-12 August 2002.
- 5- Attended a conference and presented a paper entitled, (Removal *of Scales Deposited on Heat-Transfer Surfaces Using Chemical Methods*) in The Second conference of Corrosion organised by Libyan Corrosion Society at Ras Lanuf (Libya) on 8-9 August 2001.
- 6- Attended a conference and presented a paper entitled, (Cleaner *production in Chemical and petrochemical industries*) in The Second conference of Engineering organised by Libyan Engineering Society at Benghazi (Libya) on 23-25 September 2003.
- 7- Attended a conference and presented a paper entitled, (*Synthesis and Characterization of Block Copolymers*) in The First conference on Recent Development in Chemistry and their Applications held at sebha (Libya) on 14-16 November 2006.
- 8- Attended a conference and presented a paper entitled, (*Synthesis of Spiro Heterocyclic Compounds*) in the Third National Conference organised by Al Jabal Al Garbi at Garyne (Libya) on 25-27 April 2009.
- 9- Publishing a paper entitled, (*Synthesis of Spiro Heterocyclic Compounds*) in E-Journal of Chemistry 2010, 7 (1), 55-58.
- 10- Publishing a paper entitled, (*Synthesis and Spectral Studies of Mannich Bases*) , in International Journal of Chem Tech Research July-Sept 2010, Vol.2, No.3, pp 1714-1716.
- 11- Publishing a paper entitled, (*Synthesis and Spectral Studies of Mannich Bases Derived from 2-Substituted Benzimidazoles*) in International Journal of Chem Tech Research Oct-Dec, 2010, Vol.2, No.4, pp 2097-2099.
- 12- Publishing a paper entitled, (*Synthesis of Benzo-Fused Six Membered Aromatic Heterocyclics*) in International Journal Der Chemica Sinica, 2011, 2 (1): 125-128.
- 13- Publishing a paper entitled, (*Synthesis and Study of Biological Activity of Some 1, 6-Naphthyridinic acid Derivatives*) in International Pharmaceutical and Chemical Sciences Vol. 1 (3) Jul-Sep 2012.
- 14- Publishing a paper entitled, (*Synthesis of Hydantion and Thiohydantion*) in International Journal Der Chemica Sinica, 2012, 3 (2): 299-301.

15- Publishing a paper entitled, (Synthesis *of some Heterocyclic Compounds Derived from Chalcones*) in Sci. Rev. Chem. Commun.: 2 (2), 2012, 103-107.

16- Cleaner Production in Chemical and Petrochemical industries, International Journal of Research in Environment Science and Technology 2013 3(1) :26-28

Research Interests

- 1) Synthesis of organic intermediates used in manufacturing of chemical products used in oilfield technology like corrosion inhibitors, biocides, surfactants, etc.
- 2) Synthesis of heterocyclic and polycyclic organic compounds.
- 3) Polymer and Copolymer Synthesis
- 4) The development of clean reactions