

CURRICULUM VITA

Name: Abdunnaser Mohamed Etorki
DATE of Birth: 26/09/1970
Place of Birth: Tripoli-Libya
Nationality: Libyan
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Education Background

Pre-Academic studies

Study	Certificate	Date	Grade	Average	Rank
Primary	Primary school certificate	1980	Excellent		
Preparatory	Preparatory school certificate	1985	Excellent	90.5%	
Secondary	Secondary school certificate	1989	Excellent	94.90%	3 rd Nation-wide

Undergraduate Studies

University	Faculty	Dept.	Degree	Specialty	Date of Certificate	Grade	Average	Rank
University of Tripoli	Basic Sciences	Chemistry	B.Sc	Chemistry	1993	Merit	74.82%	1 st

Postgraduate studies

Ph.D in Electroanalytical Chemistry from Department of Chemistry
Faculty of Science at University of Leicester- 2006- England-UK
Title of thesis: Quartz Crystal Microbalance determination of trace metal ions in solution

Specialization: Green Chemistry, Environmental Electrochemistry, Electroanalytical Nanochemistry, Chemical and Mass Sensors, Bioelectrochemistry.

Professional Background

Duration	Employer	Position	Type of work
1995-2001	Department of chemistry Faculty of Science, Al-Tripoli University	Demonstrator	Teaching 1 st year students General and Analytical Chemistry labs, Tutorials in General Chemistry
01-08-2007 till 01-08- 2009	Department of chemistry Faculty of Science, Al-Tripoli University	Lecturer	Teaching 1 st and 4 rd year taught and labs in Analytical Chemistry
02-08- 2009-02- 06-2013	Department of chemistry Faculty of Science, University of Tripoli	Assistant Professor	Teaching 1 st and 4 rd year taught and labs in Analytical Chemistry. Environmental Chemistry, Green chemistry, Electroanalytical chemistry Teaching postgraduate students
02-06-2013 -20-06- 2017	Department of chemistry Faculty of Science, University of Tripoli	Associate Professor	Teaching 1 st and 4 rd year taught and labs in Analytical Chemistry. Environmental Chemistry, Green chemistry, Electroanalytical chemistry Teaching postgraduate students in analytical chemistry topics Supervision of these Projects in Chemistry MSC in Environmental Chemistry
20-06-2017 till now	Department of chemistry Faculty of Science, University of Tripoli	Professor	Teaching 1 st and 4 rd year taught and labs in Analytical Chemistry. Environmental Chemistry, Green chemistry, Electroanalytical chemistry and nanochemistry Teaching postgraduate students in chemistry topics Supervision of these Projects in Chemistry MSC in Environmental Chemistry
2002-2007	Department of chemistry Faculty of Science, University of Leicester	Researcher and Demonstrator	Teaching 1 st year Analytical Chemistry labs, supervisory role during taught laboratory classes and short research projects

2006-till now	Department of chemistry Faculty of Science, University of Leicester	Researcher assistance	Working with electrochemical simulation of environmental electrochemistry problems and green analytical chemistry
From 2008 till now	Head of Analytical Chemistry Section		
From 2015 till now	Head of Central Chemical Analysis lab in university of Tripoli		
From 2017 till now	Member of the scientific committee of the Environmental Science and Engineering Department at the Libyan Academy		
From 2017 till now	Member of Libyan Pesticide Analysis Group		
From 2017 till now	Agricultural Pesticides Committee (Libya)		
From 2019 till now	Chairman of the scientific committee of the Libyan Advanced Centre for Chemical Analysis		
From 2009 Till now	Supervising Master's degree for 31 students at Environmental Science and Engineering Department at the Libyan Academy , University of Tripoli , University of Misurata and Zawiya University		
From 2020 till now	Head of the European Project Libya Up training programme , University of Tripoli Branch		

Activities

Training Programmes	Date
Departmental Induction	24-09-2002
Graduate School Induction	25-09-2002
Faculty Induction	26-09-2002
Introduction to Techniques	30-09-2002
Advanced Departmental Safety Procedures and Fire Safety	2-10-2002
Demonstrating Small Group Teaching	2-10-2002
An Introduction to Chemical Information Database	30-10-2002
Information Skills for Chemists	6-11-2002
Advanced Searching in CrossRef	6-11-2002
Personal Skills Portfolio	10-12-2002
Chemdraw and PowerPoint	19-04-2003
Writing Skills (I)	5-02-2003
Writing Skills (II)	12-02-2003
Study Skills (I)	3-03-2003
Study Skills (II)	10-03-2003
Presentation Skills	20-03-2003
Applications of EndNote	25-06-2003
Advanced Scientific Writing for Chemists	25-06-2003
Protection and Commercialisation of Intellectual Property	28-04-2003
Electrochemistry Software	5-08-2003
Nanotechnology for chemists	1-03-2004
Fundamentals of project management	23-04-2004
Inorganic Materials	23-09-2004
Green chemistry and Nanomaterials	20-02-2005
Training Programmes	Date
Professional development in Environmental science	4-04-2005
Professional development in Environmental science	3-10-2005
Instrumental methods in Electroenvironmental chemistry	3-07-2006
Instrumental methods in Electroanalytical chemistry	20-06-2007
Electrochemical Nanosensors	10-06-2008
Instrumental methods in Electroenvironmental chemistry	12-03-2009
Sabbatical leave to Serbia	1-08-2012 to 15-10-2012
Libya Visiting Fulbright Scholar Programme (USA) University of Illinois at Urbana-Champaign	03-06-2013 to 15-09-2013
European Project Libya Up training programme , University of Tripoli Branch	1-01-2020 till now
Wheel Project (European Project)	1-06-2021 to 3-06-2021

Conference and Meetings	Date
Midlands Electrochemistry Group (Coventry University) UK	09-4-2003
Midlands Electrochemistry group (Loughborough University) UK Presentation (Quartz Crystal Microbalance Determination of Trace Metal Ions in Solution)	21-04-2004
Electrochem 2004 (University of Leicester) UK Poster (Quartz Crystal Microbalance Determination of Trace Metal Ions in Solution)	13-15-09-2004
Molecular Properties Group (University of Leicester),UK Presentation (Quartz Crystal Microbalance Determination of Trace Metal Ions in Solution)	7-04-2004
Midlands Electrochemistry Group (Warwick University) UK	21-05-2005
Analytical Research Forum (ARF05),Plymouth, UK Poster (Development an Environmental sensor for Hg(II) Using the Quartz crystal Microbalance)	18-20-07-2005
National Center for Electron spectroscopy and surface analysis (NCESS) User Group Meeting (Glasgow - UK) Presentation (XPS as a valuable tool for analysis of modified surfaces)	24-10-2005
Electrochemistry at the Nanoscale (Nottingham, UK)	16-11-2005
Midlands Electrochemistry Group (University of Leicester) UK Electrochemical sensors in Electroanalytical chemistry	27-04-2006
International society of Electrochemistry Meeting Edinburgh, Scotland, UK Poster (Quartz Crystal Microbalance Determination of Trace Metal Ion)	27-08-2006
Petra International chemistry conference (PICC) and Trans Mediterranean colloquium on Heterocyclic chemistry (Jordan) Presentation (Application of 1,4-benzenedimethanethiol self-assembled monolayer on gold Piezoelectrode as a sensor for determination of Hg(II))	25-28-06-2007
Washington, DC (212th Meeting of the Electrochemical Society),USA Development of mass sensor for Hg (II) using new polymer thiol ligands.	7-12-10-2007
The Second Basic Sciences conference (Tripoli University, Libya) Adsorption of mercury(II) on chemically synthesized polyaniline	4-8-11-2007
Conference and Meetings	Date

<p>The 10th International chemistry conference and exhibition in Africa (10 ICCA), Benghazi University , Libya Is complexation of trace metal ions by ligands anchored to gold surfaces different than by ligands dissolved in homogenous solutions</p>	18-21-11-2007
<p>Ninth international conference on water pollution: modelling, monitoring and management (Alicante, Spain) Removal of mercury (II) from wastewater using poly(vinyl pyrrolidinone)</p>	4-8-06-2008
<p>2th EUCHEMS Chemistry Congress , Torino, Italy Adsorption study of metal ions on chemically synthesized poly(p-bromoaniline)</p>	16-20-09-2008
<p>10th International conference on chemistry and its role in development ICCRD 10 (Egypt) Adsorption of mercury(II) on electrochemically synthesized polymers</p>	16-21-03-2009
<p>First International Conference and Exhibition on Chemical and process engineering (Tripoli University.Libya) Determination of cadmium(II) levels in some contaminated areas near to Abe Kammash Industrial complex area in West Tripoli-Libya</p>	5-7-05-2009
<p>International Workshop on Biosensors for Food Safety and environmental monitoring (TANGIER-MOROCCO) Application of 4-acetamidothiophenol self-assembled monolayer on gold piezoelectrode as a sensor for determination of Cu(II) in environmental samples</p>	01-03-10-2009
<p>8th International electrochemistry Meeting , Antalya, TURKIYE Cyclic Voltammetry study of the complexation of trace metal ions by ligands anchored to gold surfaces</p>	08-11-10-2009

Conference and Meetings	Date
<p>The 2th International conference on environmental and computer science, DUBAI, UAE Removal of Hg(II) and Zn(II) ions from wastewater using synthesized poly(p-bromoaniline)</p>	28-30-12-2009
<p>2010 International conference on bioinformatics and biomedical technology ICBBT 2010, Chengdu, China Removal of Cd(II) and Pb(II) ions from wastewater using synthesized poly(p-bromoaniline)</p>	16-18-04-2010
<p>43th IUPAC World Polymer Congress Polymer Science in the Service of Society (MACRO2010), SECC,Glasgow, UK Adsorption study of metal ions on electrochemically synthesized poly(orto-phenylenediamine)</p>	11-16-07-2010

Analytical Research Forum 2010, (Loughborough University , UK) Preconcentration and Determination of Traces of Heavy Metals with Polymer Chelating Sorbents in the Analysis of Natural and Waste Water	26-28-07-2010
The 11th International chemistry conference and exhibition in Africa (11 ICCA), Luxor, Egypt Novel composite of α -type pelicular zirconium phosphate-phosphite –fibrous cerium phosphate membranes	20-23-11-2010
Libyan Revolution	2011
Pittcon 2012 , ORLANDO, USA XPS study of surface complexation between trace metal ions and self-assembled monolayers	11-15-03-2012
12th Eurasia conference on chemical sciences, EuAsC₂S- 12, Corfu,Greece Adsorption Study of Hg(II) Ions on Electrochemically Synthesized Poly-(m-phenylenediamine)	16-21-04-2012
44th IUPAC World Polymer Congress Blacksburge , Virginia, USA Adsorption Study of Metal Ions on Electrochemically Synthesized Poly-(2-isopropyl aniline)	24-29-06-2012
Conferences	
4th EuChemMS Chemistry Congress Prague, Czech Republic Determination of Hg(II) and As(III) in Real Environmental samples using Electrochemical Nanosensors	26-30-08/2012
Pittcon 2013, Philadelphia , USA Preconcentration and determination of traces of heavy metals with electrochemical polymer chelating sorbents in the analysis of natural and waste water	17-21-03-2013
The Second Symposium on Analytical Chemistry for Sustainable Development –ACSD-2013-Marrakech-Morocco	7-9-05-2013
4th Federation Marrakech-Morocco on of African Societies of Chemistry (FASC) Congress , Marrakech-Morocco	7-9-05-2013
223rd The Electrochemical Society Meeting , Toronto, CANADA Adsorption Study of Metal Ions on Electrochemically Synthesized Poly-(orthophenylenediamine)	12-17-05-2013
5th EuChemMS Chemistry Congress, Istanbul, Turkey Application of 1-Octadecanethiol Self-assembled Monolayer on Gold Piezoelectrode as a Sensor for Determination of Cu(II) in Environmental Samples	31-08 to 04-09-2014
EUROANALYSIS XVIII,Bordeaux,France	06-09 to 09-09 -2015

Preconcentration and Determination of Traces of Heavy Metals with Polymer Chelating Sorbents in the Analysis of Natural and Waste Water	
250th American Chemical society National Meeting, Boston, Massachussetts, USA REMOVAL OF SYNTHETIC DYE ACID RED 186 FROM WATER BY ACTIVATED CARBON	16-20-08-2015
8th Conference on Analytical Sciences Ireland Adsorption Study of Mercury ions on Polyaniline emeraldine Salt Prepared by Chemical Method	
46th IUPAC World Polymer Congress Istanbul, Turkey Electrochemical Preparation of Polyaniline Nanoparticles	17-21-07-2016
UNISIA3RD INTERNATIONAL CONFERENCE ON INTEGRATED ENVIRONMENTAL MANAGEMENT FOR SUSTAINABLE DEVELOPMENT, Sousse, Tunisia Application of Gold Nanoparticles modified with 1,6-hexanedithiol for Arsenic Detection	May 02 to 05, 2018
Tunisia Chemistry Conference, Bel Azur Hotel, Hammamet Application of polyaniline nanoparticles	16-20 December 2018
The Electrochemical Society meeting IMCS 04 - Sensors for Agricultural and Environmental Applications: Environment Application of Gold Nanoparticles with 1,6-Hexanedithiol Modified Screen-Printed Carbon Electrode As a Sensor for Determination of Arsenic in Environmental Samples	May 2020

Membership Societies

societies	Membership number
ACS Green Chemistry Institute-American chemical Society	30048226
Royal society of chemistry RSC electrochemistry group, electroanalytical chemistry group materials chemistry group, environmental group, green chemistry group and microanalytical group	357131
The Electrochemical Society ECS physical and analytical electrochemistry division sensor division and environmental division	318490
Society of Chemical Industry SCI electrochemical technology group, materials chemistry group and environmental technology group	053467
International society of electrochemistry ISE analytical electrochemistry division and sensor division	5284
American chemical Society ACS Analytical chemistry division	30048226
Association of Analytical Communities," AOAC INTERNATONAL	108137
The International Union of Pure and Applied Chemistry (IUPAC)	Affiliate member
International Association of Environmental Analytical Chemistry (IAEAC)	Active member for along time
Society of Environmental Toxicology and Chemistry (SETAC)	Active member
The Institute of Nanotechnology (IoN)	
German Chemical Society (GCS)	91194
Sweden Chemical Society (SCS)	Free membership
The Minerals, Metals & Materials Society (TMS)	485000
IOP Institute of Physics (IOP)	80033633
The Optical Society of America (OSA)	Free membership

<u>Papers</u>
A.Etorki and M.Elmahbbis ''Underground Water Pollution in Tripoli'', <i>1996, proceedings of the Conference on Water Resources in the Arab Nations</i> ,50-63.
A.M. Etorki, A.R Hillman , K.S. Ryder and A. Glidle, <i>J. Electroanal. Chem.</i> 599, 2 (2007), 275-287
Elhamassi Ali, Elfituri Elakkari , A.Etorki and A.Mashaly, <i>The Libyan Journal of Science (An International Journal)</i> , (2008), 16B, 7-11.
A.Etorki and M.Walli, <i>Water Pollution IX, WIT Transaction on Ecology and the Environment</i> , Vol 111, (2008) WIT press, 475-481.
A.M.Etorki, M.A.EL.Rais and M.M. Abuein, <i>Oriental Journal of Chemistry</i> , (2009), Vol.25(1),27-34.
Elfituri Elakkari, Elhamassi Ali, M.R.El-Talbi, A.Etorki, M.B.Salem, A.M.Rhuma and A.Mashaly, <i>Journal of Faculty of Teachers Training</i> , number (2), Spring (2009), 3-10.
A.M. Etorki, A.Rhuma and N.Sadeg, <i>AL-USTAAD</i> , , (2009), number 2, 161-183.

Abdunnaser.M.Etorki and A.Robert Hillman, <i>The Libyan Journal of Science(An International Journal)</i> , (2010),16C, 8-13.
Abdunnaser Etorki and Mohammed Abuein, <i>IEEE International Conference on Bioinformatics and Biomedical Technology Proceedings, (ICBBT)</i> ,April 16-18,(2010), 84-87.
Abdunnaser.M.Etorki, Elfituri Elakkari, Elhamassi Ali, <i>Chemical Sensors</i> , (2011), 1, 1-12.
ABDUNNASER M. ETORKI* and FAHIMA M.N. MASSOUD, <i>Oriental Journal of Chemistry</i> , (2011), Vol. 27(3), 875-884.
ABDUNNASER M. ETORKI, ELFITURI E., ELHAMASSI and ALI ELHAMASSI, <i>Oriental Journal of Chemistry</i> ,(2011), Vol. 27(3), 919-927.
ABDUNNASER M. ETORKI* and FAHIMA M.N. MASSOUD, <i>Advanced Science Letters</i> , vol 5 ,2012, 1-10.

S.K.Shakshooki, A.M.Hamassi and A.M.Etorki, <i>Shoaj Bulletin for Pure and Applied Science</i> , vol 1, 2012, 183-196.
Abdunnaser .M.Etorki,Salah Ben Saber, M.Elajaily and Abdussalam Maihub, <i>J.Chem.Chem Eng</i> , 7 , 2013, 193-199.
M.El-ajaily, A.Maihub, A.Etorki, S.Ben.Saber and M.Elmajani, <i>J.Pharm Biomed Sci</i> , 28, 2013,626-628.
Abdunnaser Etorki*, A. Elgahii, M.El Rais, <i>International Journal of Sciences</i> ,volume2, 01,2013, 108-117.
M.M .El-ajally, M.M Abou-Krishna,A.M.Etorki, F.S.Alassaly and A.A.Maihub,H. <i>J.Chem .Pharam.Res</i> , 2013,5-12, 933-938
Abdunnaser.Mohamed Etorki, Mohmoud. ElRais, Mohamed Tahher Mahabbis and Nayef Mohamed Moussaa, <i>American Journal of Analytical Chemistry</i> , 2014,5, 225-234
Karema Masoude Abuamer, Abdussalam Ali Maihub, Marei Miloud El-Ajaily, Abdunnaser Mohamed Etorki, <i>International Journal of organic Chemistry</i> , 2014,4,7-15
Abdussalam Ali Maihub, Fateh Suliman Alassbaly, Marei Mailoud El-Ajaily, Abdunnaser Mohamed Etorki, <i>Green and Sustainable Chemistry</i> ,2014,4, 103-110
Abdussalam Ali Maihub, Abdunnaser Mohamed Etorki, Salah Mosbah Ben-Saber, Marei Meiloud El-Ajaily and Motrage Mohamed Abou-Krishna, <i>J.Chem.Chem.Eng</i> , 2014,8,226-231
Abdunnaser Mohamed Etorki and Haddi Omar Reghei, <i>American Journal of Physical Chemistry</i> ,2014,3(5), 67-71.
M.M.El-Ajaily,F.S. Alassbaly, M.M.Abou-Krishna, A.M.Etorki,F.S.Alasssbaly and A.A.Maihub. <i>International Research Journal of Pure Applied Chemistry</i> , 2015,5(3), 229-237.
Abdunnaser Mohamed Etorki and Ibrahim Salem Shaban, <i>American Journal of Environmental Protection</i> , 2015, 4(2), 105-109
Ezzedein Mohamed Aboushilou and Abdunnaser Mohamed Etorki , <i>British journal of Environmental Sciences</i> ,2015,3 (6),54-64.
Busheina IS, Abobaker MM, Aljurni ES and Etorki AM*, <i>J Environ Anal Chem</i> , 2016, 3:180.
Abdunnaser M. Etorki, Menglu Gao, Rohollah Sadeghi, Luis F. Maldonado-Mejia, and Jozef L. Kokini, <i>Journal of Food Science</i> , 2016,81, E2511.
Labib Awin,Mahmiud Elrais, Enas Baghni, Abdunnaser Etorki, <i>J.Anal.Bioanal Tech</i> , 2017,8-5.
Abdunnaser Etorki, Mohmoud. ElRais, Labib Awin, <i>Materials Focus</i> , 2018, 7,1-5.
Abdunnaser Etorki , Mohmoud. ElRais, Labib Awin, <i>Open Journal of Inorganic Non metallic Materials</i> , 2018, 08(01)-1-10.
Busheina IS, Kammashi M, Etorki AM, Rouissi RH, <i>J.Environ Anal Toxicol</i> , 2018,7,4.
Etorki AM, Kammashi MA, Elhabbat MS and Shaban IS , <i>J.Environ Anal Toxicol</i> , 2018,7,4.
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A. Etorki, M. El-Rais, M. S. Elhabbat, Archives of Chemistry and Chemical Engineering , 2 (1), 2020, 1-11.
Labib A. Awin, M. El-Rais, A. Etorki, M. S. Elhabbat, International Journal of Engineering Research and Applications , 10(9)-2020, 29-36.
Etorki AM, Kammashi MA, Elhabbat MS and Shaban IS, Libyan Journal of Food science & Nutrition , 1, 2021, 29-41.
M. Kubbat, N. Omar, A. Etorki, Libyan Journal of Food science , 1, 2021, 56-67.
L. Awin, M. El-Rais, A. Etorki, M. Zergani, Journal of New Developments in Chemistry , 1, 2021, 23-31.