Location :Syria - Latakia

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CERTIFICATES

- ICDL

LANGUAGES

- Arabic: Native
- German :Excellent
- English: Excellent
- French: Good

PERSONALITY

Date and place of birth:

Latakia - Syria 1958

Social Status: Single

Gender: Female

Nationality: Syrian

Prof. Hajar Naser Nasser

Professor in analytical chemistry

EXECUTIVE SUMMARY

Over a 30 year career in Teaching, Teaching in public and private universities in Syria, teaching in universities in the Sultanate of Oman, in addition to supervising researchers and postgraduate students (Master's and PhD). And many administrative works and high academic positions.

POSITION:

- Dean of the Higher Institute for Environmental Research (from 2020 to present).
- Scientific Deputy Dean of the Higher Institute for Environmental Research (from 2017 to 2020)
- Head of the Department of Environmental Chemistry - Higher Institute for Environmental Research - Tishreen University - Syria (from 2015 to 2017).

WORK EXPERIENCE

- Proficient in scientific administrative work (department head, dean)
- Teaching for postgraduate master's and doctoral students
- Participation in arbitration committees for doctoral and master's theses
- Managing conferences, scientific seminars and scientific workshops
- Teaching third and fourth year university students in the Faculties of Science and Pharmacy
- Participation in scientific research
- Manufacture of nanomaterials
- Manufacture of electrochemical electrodes

COMPLEMENTARY EDUCATION

Professor in Analytical Chemistry - Faculty of Science - Tishreen University 2014

PhD in Analytical Chemistry 1989

Analytical chemistry/electrolysis Higher Technical Institute / Merzeburg / Germany, Electrochemical study of the movement of selected ions on the interface between two immiscible aqueous-organic media. Electrochemistry Untersuchung des Durchtritts Ausgewaehlter Ionen Ueber Die Grenzflaeche Wasser/ Organische Loesungsmittel. Electrochemical Study of Selective Moving Ion Between Tow Solvents Water/ Organic.

Diploma in General Chemistry 1982

Tishreen University / Syria

Bachelor's degree in physical and chemical sciences 1981

Tishreen University / Syria

أ.د هاجر نصر ناصر
استاذ دكتور في الكيمياء التحليلية

الموقع : اللاذقية - سوريا

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الشهادات

- ICDL

اللغات

- العربية: اللغة الأم
- الإلمانية: بطلاقة
- الإنكليزية : ممتاز
- الفرنسية: جيدة

المعلومات الشخصية

تاريخ ومكان الولادة : سوريا اللاذقية 1958

الحالة الإجتماعية : عزباء

الجنس : أنثى

الحنسية : سورية

ملخص

لقد عملت لأكثر من 30 عاماً في مجال التعليم العالي، بما في ذلك التدريس في الجامعات الحكومية والخاصة في سوريا وجامعات سلطنة عمان، بالإضافة ذلك الإشراف على الباحثين وطلاب الدراسات العليا (الماجستير والدكتوراه)، وأداء العديد من المهام الإدارية وشغل المناصب الأكاديمية الرفيعة.

المناصب

- عميد المعهد العالي لبحوث البيئة (من 2020 إلى الآن).
- نائب العلمي لعميد المعهد العالي لبحوث البيئة (من 2017 إلى 2020)
- رئيس قسم الكيمياء البيئية – المعهد العالي لأبحاث البيئة – جامعة تشرين – سوريا (من 2015 إلى 2017).

الخبرات العملية

- القدرة على العمل الإداري العلمي (رئيس قسم، عميد)
- التدريس لطلبة الدراسات العليا الماجستير والدكتوراه
- المشاركة في لجان تحكيم أطروحات الدكتوراه ورسائل الماجستير
- إدارة المؤتمرات والندوات العلمية وورشات العمل العلمي
- تدريس طلاب السنة الثالثة والرابعة الجامعيين في كليتي العلوم والصيدلة
- المشاركة في البحث العلمي
- صناعة المواد النانوية
- صناعة المساري الكهروكيميائية

الشهادات الأكاديمية

أستاذ في الكيمياء التحليلية – كلية العلوم – جامعة تشرين 2014

دكتوراه في الكيمياء التحليلية 1989 الكيمياء التحليلية/ التحليل الكهربائي المعهد التقني العالي / ميرزبورج / ألمانيا، دراسة كهروكيميائية لحركة الأيونات المختارة على السطح البيني بين وسطين مائيين عضويين غير قابلين للامتزاج. الكيمياء الكهربية دراسة كهروكيميائية للأيونات المتحركة الانتقائية بين مذيبين مائيين/عضويين.

Unter suchung des Durchtritts Ausgewaehlter Ionen Ueber Die Grenzflaeche Wasser/ Organische Loesungsmittel.

دبلوم الكيمياء العامة 1982 جامعة تشرين / سوريا

بكالوريوس في العلوم الفيزيائية والكيميائية 1981 جامعة تشرين / سوريا

PUBLISHED RESEARCH:

1- Alabid, K., & **Nasser, H.** (2024). Determine and behaviour for methylene blue based on carbon paste electrode modified with nanoparticles NiO-NCQD/g-C_3N_4/rGO high-performance liquid chromatography and spectrophotometry methods. Analytical Methods in Environmental Chemistry Journal, 7(02), https://doi.org/10.24200/amecj.v7.i02.272 Scopus

2- Alabid, K., & **Nasser, H.** (2023). Determination of 2,4-dinitrophenylhydrazine using carbon paste modified with nanoparticles by cyclic voltammetry, high-performance liquid chromatography and spectrophotometry methods. Analytical Methods in Environmental Chemistry Journal, 6(03), 19-35. https://doi.org/10.24200/amecj.v6.i03.245 Scopus

3- Alabid, K., & **Nasser, H.** (2023). Synthesis and characterization of Nickel Oxide with Nitrogen quantum Carbon dots as nanoadsorbent (NiO-NCQD) nanocomposite. International Journal of Nano Dimension, (), -. doi: 10.22034/ijnd.2023.1984570.2217, https://ijnd.tonekabon.iau.ir/article_703689.html.

4- Alabid, K., & **Nasser, H.** (2023). Modified carbon paste electrode based on nanotechnology for determining phenol in the liquid solutions by cyclic voltammetry and comparing to high-performance liquid Chromatography. Analytical Methods in Environmental Chemistry Journal, 6(02), 55- 70. https://doi.org/10.24200/amecj.v6.i02.240 Scopus

5- Alabid, K., & **Nasser, H.** (2023). Study of the behavior and determination of phenol Based on modified carbon paste electrode with nickel oxide-nitrogen carbon quantum dots using cyclic voltammetry. Analytical Methods in Environmental Chemistry Journal, 6(01), 58-68. https://doi.org/10.24200/amecj.v6.i01.227. Scopus

6- **Hajar Nasser** ,Tariq Araj, Shatha Rafiq Nasser , studyThe chemical analysis of some citrus peels in the countryside of Al-Haffa, Volume 7, Issue 3, 2023, of the Tartous University Journal for Scientific Research and Studies

7- khalil Ibrahim Alabid; **hajer naser nasser**; Hassan Karimi Maleh. "Reduction of Graphene Oxide by New Chemical and Green Methods". Journal of Ultrafine Grained and Nanostructured Materials, 55, 2, 2022, 172-185. doi: 10.22059/jufgnsm.2022.02.09 Scopus

8- Alabid, K. I., & **Nasser, H. N.** (2023). Synthesis and charcteriztion grapheme-carbon nitride nanostructure in one step, Ibn al-haitham journal for pure and applied sciences vol36 no 3 https://doi.org/10.30526/36.3.3103.
https://jih.uobaghdad.edu.iq/index.php/j/article/view/3103.

9- Al-Hamd Zaher**, Hajar Nasser Nasser,** and Faten Alaa El-Din. "Determination of chloride concentration by the potential method based on a carbon paste electrode modified with silver chloride." Tishreen University Journal for Research and Scientific Studies - Basic Sciences Series 45, no. 1 (March 27, 2023): 119–135. Accessed January 20, 2024. https://journal.tishreen.edu.sy/index.php/bassnc/article/view/14375.

10- **Nasser, H**., Ali, N., Salamah, R., & Deeb, (2023). A. determintion of the optimal conditions to produce lovastatin compound from the fungs (penicillium digitatum) journal of seientific in chemical science 2023; 10 (3): 25 – 28

11- **Hajar Nasser**, Tariq Araj, Mirna Fouad Ali, manufacturing an environmental system to sample solid chemical pollutants from the air and test its efficiency in capturing PAHS pollutants, Volume 4, Issue 4, 2023, Tishreen University Journal for Research and Scientific Studies: Basic Science Series.

12- Kamel Khalil, **Hajar Nasser**, and Salim Mahmoud. Using oleander leaves as a bioaccumulator to evaluate pollution with some heavy metals in the city of Jableh (Syria), Syrian Journal of Agricultural Research, 10(2), 268-282- 2023

13- **Nasser, Hajar Naser**, and Alabid, Khalil Ibrahim. " Preparation of a Selective Electrode Based on a Modified Carbon Paste for Determination of Phenol in Water Solutions and Study it's by Potential Method." Tishreen University Journal-Basic Sciences Series 44.3 (2022): 83-102. http://journal.tishreen.edu.sy/index.php/bassnc/article/view/13250

14- **Hajar Nasser**, Samira Khayat, development of an amperometric cell by choosing the optimal conditions for titrating ions (Cl^-, Br-, SO_4^{2-}) in aqueous and anhydrous media, Journal of Basic Sciences, University of Tartous, Volume 6, Issue 7, 2022.

15- Hajar Nasser, Kamel Khalil, & Salim Mahmoud. (2022). Determining the concentration of heavy metal elements (Cd, Cu, Ni, Pb, Zn) in the leaves of ligustrum shrubs grown in the city of Jableh (Syria), Basic Sciences, Volume 6, Issue 1, 2022, Tartous University Journal for Research and Scientific Studies

16- **Hajar Nasser,** Kamel Khalil, & Salim Mahmoud. (2022). Study of the cumulative capacity of Ficus nitida trees for some heavy metal elements in the city of Jableh (Syria). Tishreen University Journal for Research and Scientific Studies - Biological Sciences Series, 44(2), 281–294. Retrieved at from https://journal.tishreen.edu.sy/index.php/bioscnc/article/view/12788

17- **Hajar Nasser**, Wroud Al-Zahir, Characterization of raw salt extracted from Sabkhat Al-Muah in Palmyra, Al-Baath University Journal, Volume 44, 2022 https://albaath-univ.edu.sy/journal/index.php/Engineering/article/view/1951

18- Alabid, Khalil Ibrahim, Mohammad Haroun, and **Hajar Nasser.** " Development analytical method for the determination of hydroxurea (Hydrea) based on the dissociation of the nickel-chromium-azrole-S complex by visible spectrophotometer.." Tishreen University Journal-Basic Sciences Series 44.1 (2022): 33-51. http://journal.tishreen.edu.sy/index.php/bassnc/article/view/12082

19- B. Mansour, **H. Nasser** and H. Juniedi, "Power Generation and Water Treatment Using Sediment Microbial Fuel Cells (SMFCs)," 2021 12th International Renewable Engineering Conference (IREC), Amman, Jordan, 2021, pp. 1-6, doi: 10.1109/IREC51415.2021.9427785. https://ieeexplore.ieee.org/document/9427785

20- **Nasser, H**., Ali, N., Salamah, R., & Deeb, (2021).,investgtion from produce of lovastatin compound from the fungus (penicillum italicum) and evalution of its effectivness against the fungus (aspergillus fumigatus) J. Global Trends Pharm Sci, 2021; 12 (4): 9952-9956.

21- Ali Kamel Hasan , **Hajar Nasr Nasser**, A New Selective Electrode For Analysis Cerium (Iv) Ions By Using Carbon Paste Electrode (CPE) Cerium Modified , J. Global Trends Pharm Sci, 2022; 13 (1): 9719 – 9727

22- **Hajar Nasser**, Nawal Ali, Amjad Deeb, determining the quantitative content of lovastatin in the secretions of three types of basidiomycetes and comparing their biological effectiveness, Basic Sciences, Volume 6, Issue 1, 2022, Tartous University Journal for Scientific Research and Studies

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24- **Nasser, H**., Ali, N., Salamah, R., & Deeb, A. (2021). Extracting the lovastatin compound from the fungus Penicillium chrysogenum and testing its inhibitory effectiveness against the fungus Aspergillus fumigatus. Tishreen University Journal-Basic Sciences Series, 43(4).

25- Al-Kurdi Muhammad Hassan, **Nasser Hajar,** Al-Raheb Taghreed, appointment of , aflatoxins(B1, B2, G1, G2) in chili powder and ground red pepper from Latakia markets - Syria using high-performance liquid chromatography , Damascus University Journal of Basic Sciences, 2021

26- ,Al-Kurdi Muhammad D. Hassan .**Nasser,H**and Al-Raheb Taghree Determination of aflatoxins(B1, B2, G1, and G2) in sesame seeds and popcorn using high-performance liquid chromatography , Basic Science Series, Volume5 Issue ,2 Tartous University Journal for , Scientific Research and Studies2021 .

27- Hajar Nasser, Hussein Junaidi, Bassem Mansour, study of the effect of the anode material used and the addition of nutrients on the sustainability of the operation of microbial fuel cells

for the sediment layer, Basic Sciences Series, Volume 5, Issue 4 for the year 2021 from the Tartous University Journal for Scientific Research and Studies.

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29- Al-Kurdi Muhammad D. Hassan, **Nasser, H,** Al-Raheb Taghreed, the use of high-performance liquid chromatography in determining aflatoxins(B1, B2, G1, G2) in spent peanuts , Al-Baath Magazine, Volume (42), . 2020

30- **Hajar Nasser,** Hussein Junaidi, Bassem Mansour, Study of the efficiency of power generation and water treatment in sediment layer microbial fuel cells, Basic Science Series, Volume 42, Issue 5 for the year 2020 from Tishreen University Journal for Research and Scientific Studies

31- **Nasser Hajar**, Iraj Tariq, and Ali Zia. 2020. "Determination of Some Optimal Conditions for Analyzing the Two Organophosphorus Pesticides Dimethoate and Dichlorovos in Greenhouses' Soil in Burj–Islam - Lattakia by HPLC". Tishreen University Journal -Basic Sciences Series 42 (5). https://journal.tishreen.edu.sy/index.php/bassnc/article/view/10190.

32- **Nasser Hajar** Hamouda Dima, manufacturing an electrical conductive cell andstudying , Tishreen University ,the optimal conditions for its operation and its analytical applications .2019 , Journal for Research and Scientific Studies

33- .Alraheb Taghreed, Kurdish Muhammad Hassan, **Nasser Hajar,** Selection of optimal conditions for the simultaneous determination of aflatoxins (B1, B2, G1, G2) by high-performance liquid chromatography using derivatization with a photochemical cell and a detector . Fluorescence , Damascus University Journal of Basic Sciences, 2019.

34- **Nasser Hajar** ,Preparation of a lead ion-selective electrode Π) using carbon paste modified with a lead complex with 3-(4-nitrophenyl azo) -penta -2,4 - dione(LP)Al-Baath University , .2019 , Journal.

35- **Hajar Nasser,** Salim Ahmed, Estimating the ionic content of groundwater surrounding the Bassa landfill, Tishreen University Journal for Research and Scientific Studies - Basic Sciences Series, Volume 41, Issue 2 (2019): Basic Sciences

36- **Hajar Nasser,** Elham Baddour, Musaab Barakat, Preparation of a lead (II) ion-selective electrode using carbon paste modified with a lead complex with 3-(4-nitrophenyl azo)-penta-2,4dione (LP), Al-Baath University Journal, Volume 41, 2019

37- **,Nasser Hajar**, Estimation of Cationic Content of Surrounding Groundwater in Al-Bassa Waste Dump- Lattakia-Syria , Chemistry Research Journal. 2019

38- **,Nasser Hajar**, Elham Munir Baddour , Mossab Brakat Khalel, Preparing a copper (Π) Ion Selective PVC Membrane Electrode based on Complex of 3-(4-Nitrophenylazo)-pentane-2.4-

dione (LP) with Copper (Π) as Ionphore, Chemistry Research Journal, Year 2019. Chemistry Research Journal, 2019, 4(4):41-52

39- **Nasser Hajar** Manufacturing a selective electrode from modified graphite paste to determine Tishreen , the cadmium ion in aqueous solutions and studying its potential properties .2019 , University Journal for Research and Scientific Studies

40- **Nasser Hajar ,** Chemical Composition of Methanolic Extract of Cactus Plant (Opuntia Ficus_Indica), Chemistry Research journal , Year 2019.

41- **Nasser H,** Basma I. Fabrication of a modified graphite selective electrode for the determination of silver ions in aqueous solutions using the cyclic voltammetry (CV) method. TUJ-BA [Internet]. July 2, 2019 [documented January 19, 2024];41(3). Found at: http://www.journal.tishreen.edu.sy/index.php/bassnc/article/view/8819

42- **Nasser Hajar,** Study to determine total phenolic content of Opuntiaficus - Indicaextacts their activity against some pathogenic fungi/World , journal of pharmacy and pharmaceutical sciences. October issue.

43- **Nasser Hajar,** Study of the optimal conditions for determining the copper(II) ion by the potential titration method , Tishreen University Journal for Research and Scientific Studies, .2018

44- **Nasser, Hajar;** M.Basma Ibrahim, Manufacturing of selective electrode using modified graphite to determine silver ion in aqueous solution using Cyclic Voltammetry (CV). Journal of Entomology and Zoology Studies Volume 6 Issue 4, 2019, 112-136.

45- **Hajar Nasser** , Nawal Ali , Amjad Deeb , Chemical Composition of Methanolic Extracts of Cactus Plant (Opuntia Ficus-Indica) Chemistry Research Journal, 2019, 4(1):125-130 Chemistry Research Journal online www.chemrj.org Research Article ISSN: 2455-8990

46- nawal ali , **hajar Nasser** . reem salamah , amjad deeb- investigation from produce of lovastatain compound from the fungus (pencilliumitalum) and evaluation of its effectivess against the fungs (aspergillus fumigates) global trends pharm sci 2021. 12(4):9952-9956.

47- Nawal Ali, **Hajar Nasser**, and Amjad Deeb. 2018. Evaluation of the inhibitory activity of Aloe Vera (Opuntia ficus-indica) extracts against an isolate of Aspergillus niger. Tishreen University Journal for Research and Scientific Studies: Basic Sciences Series, vol. 40, p. 5, p. p. 227-241. https://search.emarefa.net/detail/BIM-913781

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50-Junidi, Hussien; **Nasser, Hajar**; Alhatem, Osama. Using the microbial fuel cells to generate electricity from wastewater. Journal of Albaath University, Syria, 2015.

51-**Nasser, Hajar;** Alaeddin, Faten; Yasin, Sawsan. Studying the changes in concentrations of some cations in the treatment wastewater in Lattakia Countryside. Journal of Tishreen University, Syria, 2015.

52-**Nasser, Hajar;** Issa, Yousri; Khalil, Mosaab. Preparation and characterization of new ion selective electrode for determination of Cadmium based on 1,3-diphenyl-5-P-nitrophenyl formazan as ionophore. Journal of Tishreen University, 2015.

53-**Nasser, Hajar;** Issa, Yousri; Khalil, Mosaab. Preparation and characterization of new ion selective electrode for determination of Copper based on 1,3-diphenyl-5-P-nitrophenyl formazan with copper ion (II) as ionophore. Journal of Tishreen University, 2015.

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62- **N.Nasser ,Hajar** , Khalil Mossab, Lead (II)-Selective Polymeric Electrode Using PVC Membrane Based on a Complex of 1,3-diphenyl-5-nitro phenyl formazan and Lead (II) As an Ionophore. Journal of Entomology and Zoology Studies Volume 2, Issue 2, Page Number (176-18), Year2014.

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87-**Nasser, Hajar**extracting some types of essential oils from forest trees and wild herbs found on the Syria coast and studying them analytically by GC-MS in cooperation with the , . Federal Republic of Germany , 1999

88- **Nasser, Hajar**study of pollution resulting from thermal stations and oil companies and its impact o soil and plants , in cooperation with the General Authority for Remote Sensing , Damascus , 1997

89-**Nasser, Hajar** kalzia Ahmed, Mechanical corrosion of marine structures and how to ,prevent them . Poland , Kadansk , Corrosion Conference, 1996

90-**Nasser, Hajar** kalzia Ahmed,Study of zinc phosphate layers formed on steel metal surfaces covered with zinc , Poland , Kadansk , Fifth Corrosion Conference , 1996

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93- Laiqa Sarhan **,Nasser Hajar** lead contamination in Eucalyptus plants resulting from car exhausts , Thirty-Fourth Science Week , 1994

94-**Nasser Hajar,** An experimental study of the leakage of toxic pollutants into the sanitary sewage network in Latakia , Tishreen University , Faculty of Civil Engineering Tishreen University Journal for Scientific Research , 1994

95-**Nasser Hajar,** Calculating the standard potential of silver electrode in organic solvents through enthalpy calculation Standard distribution , Journal of Analytical Chemistry , . Germany , 1989

96- **Nasser Hajar,** an electrochemical study of the movement of a multi-charged electron across the surface separating two immiscible aqueous -organic media , Journal of Analytical Chemistry , Germany , 1989

POSTGRADUATE THESES
COMPLETED RESEARCH

1- Manufacturing of selective electrodes for determination of some organic pollutants using Voltammetry method, A thesis prepared for obtaining a PhD in Chemistry

2- Development and manufacture of selective electrodes for some heavy metal elements and .their environmental application / Doctoral dissertation

3- Developing analytical conditions for determining aggregates in aqueous and anhydrous media using the potential titration method and applying them environmentally / Doctoral .dissertation

4- Chemical characterization of the ionic and cationic load of water accompanying the Syrian .natural gas treatment process / Master's thesis in Environmental Chemistry / 2017

5- Studying the effectiveness of chemical extracts of the aloe vera plant against some fungi .pathogenic to humans / Master's thesis in environmental chemistry / 2017

6- Contribution to the development and manufacture of selective pathways for some ions of harmful toxic elements in the environment and health / scientific research project (Scientific .Research Fund) / year 2017

7- PEC .cells / Master's thesis/2014

8- An experimental study of a photoelectrochemical cell prepared by chemical bath deposition .method / Master's thesis / 2013

9- Study of the optimal conditions for determining some metal pollutants by the .voltamperemetric method in treated wastewater / Master's thesis / 2013

10- An experimental study of a photoelectrochemical cell prepared by chemical bath deposition .method / Master's thesis / 2012

11- Hair analysis as a health indicator using the volt-amperometric method / Master's thesis / .2010

12- .Investigating the effects of some heavy metals in Syrian tobacco / Master's thesis / 2010

13- Selection of alternative conditions for fluoride determination using selective electrodes and .their environmental application / Master's Thesis

14- Manufacturing a cell to measure electrical conductivity and applying it analytically / .Master's thesis

15-) Purification of wastewater from trace heavy metalsPb-Cd using citrus peels as an (.adsorbent surface / Master's thesis

16- Choosing the optimal conditions for determining copper on a platinum electrode using the .potential titration method and its environmental application/Master's thesis

17- Choosing alternative conditions for determining nitrate using a selective nitrate electrode .and applying them environmentally / Master's thesis

18- Choosing the optimal conditions for the simultaneous determination of lead and cadmium on a stained surface (coffee grounds - figs) using the voltamperemetric method / Master's .thesis

19- Simultaneous determination of copper and lead by the voltamperemetric method using a .hanging drop electrode in sugar industry products / Master's thesis

Subjects she teaches - Tishreen University:
In the faculty of sciences:

- 1989 - 1992 General chemistry for students of first year dept.
- 1989 - 1994 Practical lectures of chemistry for students of first year Dept of natural sciences.
- 1989 - 1995 Analytic chemistry/Quantum analysis/ for students of third year section of natural sciences.
- 1989 - 1995 Practical lectures of analytic chemistry/ Quantum analysis/ students of third year section of natural sciences, of years.
- 1989 - 1995 Electrochemical analysis for higher studies diploma.
- 1994 - 1995 Practical lectures of analysis chemistry / Quantum analysis/ students of third year, section of /mathematics, physics, and chemistry.
- 2008 - 2011 Electrochemical cells first year Master of Engineering in Energy.
- 2008 - 2011 Systems of sols first year Master of renewable energies (Engineering).
- 2006 - 2015 Electrical analysis 1st year Master of Analytical Chemistry.

- 2006 - 2018 Instrumental Analysis (1) for the third year students in Applied Chemistry.
- 2006 - 2018 Practical lectures of Instrumental Analysis (1) for the third year students in Applied Chemistry.
- 2007 - 2018 Environmental chemistry for students of the fourth year in Applied Chemistry
- 2007 - 2018 Practical lectures of Environmental chemistry for students of the fourth year in Applied Chemistry.

In the faculty of pharmacy:

- 1992 - 1995 Practical lectures of pharmacy.
- 1992 - 1996 Analytical Chemistry for students of the third year of Pharmacy.
- 1992 – 1996 Practical lectures of Analytical Chemistry for students of the third year of Pharmacy.

Scientific books she published:

- Practical Analytical Chemistry (1): for students of third year M. P. C.
- Practical Chemistry: a first year natural science.
- Instrumental Analysis (1) for students of third year Applied Chemistry.
- Environmental Chemistry for students of fourth year Applied Chemistry.

Field of scientific researches:

- Full time engaged for scientific researches – Tishreen University – Higher Institute for Environmental Research: