

## **CURRICULUM VITAE**



### **Personal data :-**

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### **Present Post :-**

- ◆ Prof. of analytical and inorganic chemistry , Chemistry Department , Omar El –Mukhtar University
- ◆ Faculty of science ,Omar El-mukhtar university , El-baida , Libya.
- ◆ Dean of Science Faculty.( 2014 – Till now)
- ◆ Head of central laboratory of chemical analysis , Faculty of science .-
- ◆ Chief in Editor Board of Libyan Journal of Basic sciences.-

### **Education and degrees:-**

- ◆ B.Sc of chemistry , Omar El-mukhtar university , El-baida , Libya , 1990-1994 .
- ◆ M.Sc of chemistry , Musratak university , Musratak , Libya , 1998-2000.
- ◆ Ph.D of chemistry , Alexandria university, Alexandria , Egypt , 2004-2006.

### **Record of Employments :-**

- ◆ Demonstrator , chemistry department , faculty of science , Omar El-mukhtar university , 1995-1997.
- ◆ M.Sc study , (1998 – 2000 ) , Chemistry Department Faculty of Science ,Musrata University , Libya.

- ◆Assistant lecturer , chemistry department , Omar El-mukthar university , 2000-2003.
- ◆Ph. D , Study (2004 – 2006 ) , Chemistry department, Faculty of Science , Alexandria University , Egypt.
- ◆lecturer , analytical chemistry , Faculty of science , Omar El- mukthar university , 2006-2009.
- ◆assistant prof . analytical and inorganic chemistry , Faculty of science , Omar El-mukthar university ( 2009- 2012).
- ◆ Associate prof of analytical and inorganic chemistry (February - 2013).
- ◆ prof of analytical and inorganic chemistry (February - 2017).
- ◆ The head of examinations committee of faculty of science, Omar El-mukthar university.( 2007 / 2008 ).
- ◆The CO – president of high institute of Medical science( 2009 – 2010).
- ◆ Dean of pharmacy faculty , Omar El-mukthar university , (2008 -2012).
- ◆Head of central laboratory of chemical analysis , chemistry department.
- ◆ Head of chemistry department, Faculty of science, Omar EL – Mukhtar University, Libya.( 2012 – 2014).
- ◆Dean of science Faculty , Omar El –Mukhtar University , (2014 –Till now )

**Language :-**

- . Arabic , mother tongue
- . English.

**Membership :-**

- . Member of the Libyan society of chemistry.
- . Member of the Egyptian society of chemistry.
- . Member of the Egyptian society of Analytical chemistry.
- . Member of the Libyan society of Environment.
- . Member of the Arab society of chemistry.
- . Member of the Quality assurance committee of the Omar El- mukthar university.(2008 – 2011)
- . Member of the promotion committee of Omar El- mukthar university .( 2009 – 2011)
- . Member of the scientific committee of Omar El – mukthar university.( 2009 – 2011).
- ◆Chairman of The First International conference of pharmaceutical Sciences , Faculty of Pharmacy , 22- 24 / 12 / 2009 – El – Baida , Libya , Omar El – Mukhtar University .
- ◆ Chairman of First conference of Chemistry ,21 – 24 / 4/ 2014 , El – Baida , Libya , Omar El –Mukhtar University .
- ◆Chairman of First conference of Sciences & Application ,28 – 30 / 11/ 2015 , El – Baida , Libya , Omar El –Mukhtar University .

- ◆Chairman of Second conference of Sciences & Application ,22 – 24 / 12/ 2017 , El – Baida , Libya , Omar El –Mukhtar University .
- ◆ Chairman of Third conference of Sciences & Application ,2 – 4 / 10/ 2018 , El – Baida , Libya , Omar El –Mukhtar University.
- ◆ Chairman of Forth conference of Sciences & Application , 1 – 2 / 12/ 2020 , El – Baida , Libya , Omar El –Mukhtar University .

### **Academic and teaching experience :-**

Teaching analytical chemistry and general chemistry courses for undergraduate students , Faculties (Science , Medicine, pharmacy , agriculture , engineering and high institute of medical studies ) .

Analytical chemistry and inorganic chemistry for postgraduate students Faculty of science (M.Sc) , Omar El- mukthar university.

Marine chemistry course for undergraduate student , environmental science faculty , Omar El- mukthar university.

Chromatography , electrochemistry , spectrum , separation ) courses for postgraduate student , faculty of science , Omar El-mukthar university.

### **Workshops and Training :**

- 1- Workshop on the quality of chemical analysis –Alexandria University 21-24 -June 2004.
- 2 - Training on The nanotechnology measurements ( X ray microscope scanning) - Microscope analysis Unit – Alexandria University – July ,2005.
- 3-Workshop on the quality assurance concepts , Omar El –Mukhtar University 27 – 29 / July /2008.
- 4- Workshop on herbal plants in Al-Gabal Al –Akhder region 12 -14 / February /2011.
- 5- Workshop on analytical analysis , chemistry Department , Omar El – Mukhtar University 21 -23 /June /2012.
- 6-Workshop on Toxicity in Daily life chemistry Department , Omar El – Mukhtar University . April , 2013.
- 7-Workshop on the safety in the chemical laboratories , chemistry Department , Omar El –Mukhtar University , 2013.
- 8- Workshop on chemistry and Environmental , chemistry Department , Omar El –Mukhtar University , March ,,2014.
- 9- Workshop on chemistry and industry , chemistry Department , Omar El – Mukhtar University , April , 2014

10 - Workshop on Nontechnology ( Applications & Concepts) , chemistry Department , Omar El –Mukhtar University , January , 2015.

11- Workshop on TOT1 (Terming of training ) , 11 -18 / March / 2016.

12. Workshop on chemical security programme , Tunis , 21-25 / September / 2016 .

13. Workshop on publication scientific rules , Libya , 31 / May / 2016

14. Workshop on management chemical wastes , Malaysia , 11- 14 / December/ 2018 .

### **Supervised M.Sc. Thesis.**

80 M.Sc. Thesis in chemistry department , Faculty of science and environmental Faculty , Omar El – mukhtar university ,Higher Academy of graduate studies , Benghazi ,Libya and one M.Sc thesis in Southampton (U.K) university under my supervision were finished in addition to 3 thesis under processing.

1. PhD , Thesis (Faculty of Science , Ain shams University , Egypt)

### **conferences**

1. The international conference of water technology treatment Alexandria , Egypt : 23 - 25 , May ,2005.

2- The 25<sup>th</sup> conference of Annual water conference . 5-7 June 2007 . Alexandria , Egypt.

3-The 11<sup>th</sup> International Arab African Fish Resources and Exhibition ( sustainable use and management of aquatic resources .Cairo (2007) .

4- international conference of chemistry( Chem . 05 . Green and sustainable chemistry in Developing Countries). Cairo University ,Cairo : 3 – 6 (3) . 2008 .

5- The second international conference of marine science , Alexandria,22 – 25 : Nov ,2008.

6- . The second international conference in chemistry , Ghardaga. 9 – 12<sup>th</sup> November . 2009 .

7- First International conference of pharmaceutical science El - baida . Libya :22 - 24 December ,2009.

8– The fourth international conference of chemical industries research division ( role and future aspects . Cairo : 30 Nov - 2 Des , 2010.

9– Seventh international conference ( Environment , Development, and Nanotechnology) . Cairo : 22 - 24 March , 2010.

10- The fourth international conference of environmental development , Dommiat, Egypt , 1- 4 , April (2010).

- 11-** The Tenth international conference on Chemistry and its Role in development  
Ghardaga city : 16 – 21 March, 2009 .
- 12 –** The first international congress of medical science , El – baida ,Libya: 23 - 25  
April 2010.
- 13-** The Fourth International conference of environmental , industry and development  
, Mansoura University . 30 – 1 April ( 2009).
- 14 -** First veterinary medical conference , Al-Beida , Libya . 3 – 5 July , 2010 .
- 15 -** The sixth international conference of Chemistry , Amman ,Jordan 1 – 4 April ( **14** -2011).
- 16 -**The 3rd National conference on basic Science , Gharian , Libya , 25 – 27 April  
(2009).
- 17 -** The international conference on Water , Energy and Environmental , American  
University of Sharjah , Sharjah ,UAE. 14 – 17 November , (2011).
- 18.** The first international conference on water Resources in Al- Jabal Al-Akhder  
5 - 7 June , ( 2012). (Libya).
- 19 -** First United Arab Emirates Conference on Pure and Applied Chemistry ,  
American University of Sharjah , March, 2011.
- 20-**The First international conference of chemistry , Omar El –Mukhtar University  
,Libya (21 -23 ) – April -2014.
- 21 –** seventh international scientific conference . Faculty of Science . Al Azhar  
University , 22 – 24 March , 2010 .
- 22 -** International Conference on Chemical, Agricultural and Medical Sciences (CAMS-  
2014) May 2-3, 2014 Antalya (Turkey).
- 23 -**2nd International Petroleum Environmental Conference and Exhibition / 17- 19  
June 2014 Tripoli-Libya.
- 24 -** International Conference on Chemistry, Biomedical and Environment  
Engineering (ICCBEE'14) Oct 7-8, 2014 Antalya (Turkey) .
- 25 -** First International Conference on basic and applied sciences and their  
applications , 29 /11 – 1/ 12 – 2015 , El – Baida , Libya.
- 26 -** International Conference on Environment , 18- 20 /April / 2016 . Jordan.
- 27.** Fourth International Conference on environmental sustainable , Ajdabya  
university , 21-23 / November / 2016 / Libya.
- 28 .** Second international of chemistry , Benghazi , 9 -11 / may /2017 .
- 29.** Fifth International Conference on environmental sustainable , Ajdabya university  
, 24-26 / September / 2018 / Libya.

30. Fourth International Conference on medicine plants , Cyprus , 22 -24 / April /2018.

### **LIST OF PUBLICATIONS**

- 1- Chemical studies on Alexandria Coast sediment . The Egyptian science magazine . Vol . 2 . No (4) . 2005 .
2. Distribution of different metal at coastal water of Alexandria ,the international conference of water technology treatment : 23 - 25 , May ,2005 . 990 – 1016 pp.
- 3- Fluoride concentration of some ground water samples of some Libyan regions , J . of Omar El- Mukthar university of applied sciences , vol (26) , No (1) :2009.
- 4- Preparation and study of some electrical properties on metal complexes of resol polymer. J . of App . Sci . 24(8B) . 2009 .
- 5- The heavy metals distribution at coastal water of Derna City ( Libya ) . Egyptian Journal of aquatic research . Vol (34) . No (4) . 2008 .
- 6- Catechol Biodegradation by Pseudomonas strain , a critical analysis . International . Journal. Of chemical . Sci . 7(3) . 2009 .
- 7- Some pharmacological aspects of Royal Jelly . Journal of ultra Chemistry .vol(5).No(3).2009.
- 8- Thermal , x-ray and infrared analysis of some sediment samples of Tobrouk City Coast . The 4<sup>th</sup> international conference of chemical industries , Research Division . Nov . 30<sup>th</sup> – Dec 2<sup>nd</sup> , 2010 , Cairo , Egypt .
- 9- The concentration of some heavy metals of Derna Coast sediment . The second international conference in chemistry , Ghardaga 9 – 12<sup>th</sup> November . 2009 .
- 10 - Synthesis and antimicrobial activity of some novel pyridazine derivatives .Az . J . Pharm .Sci . vol (39), 2009 .
- 11 - Comparative chemical and biological studies of salvia fructicosa , Ocimum basillicum and pelargonium graveolans , cultivated in Al-Jabal Al-Akhdar . First veterinary medical conference , Al-Beida , Libya . 3 – 5 July , 2010 .
- 12- Role of Bacteria in degradation of highly toxic organic pollutants . First veterinary medical conference , Al-Beida , Libya . 3 – 5 July , 2010 .
- 13- Heavy metal contents in marine water samples of Digha Coast in west Bengal . First international conference of pharmaceutical science , 22 – 24 December , 2009 .

- 14-** Preparation and characterization of oxygenated chelating Resin ( Phenol – Formaldehyde polymer ) and Evaluation It's Efficiency for water treatment . First international conference of pharmaceutical science , 22 – 24 December , 2009 . El-Beida , Libya .
- 15 -** Preparation and characterization of Polly cellulose Acetate metals complexes . First international conference of pharmaceutical science , 22 – 24 December , 2009 . El-Beida , Libya .
- 16 -** Some chemical characterization of Tobrouk City (Libya) Coast sediment . seventh international scientific conference . Faculty of Science . Al Azhar University , 22 – 24 March , 2010 .
- 17 -** Biochemical investigation of reducing power of some plants relative to ascorbic and / or tannic acid . seventh international scientific conference . Faculty of Science . Al Azhar University , Egypt: 22 – 24 March , 2010 .
- 18 -** The concentrations of some heavy metals of Al-Gabal Al-Akhdar Coast sediment . Archives of applied science research , 2(6) : 59 – 67 , 2010 .
- 19 -** Some chemical applications on Al-Gabal Al-Akhdar (Libya) Coast sediment . Bull . Fac . Sci . Alex . Uni .vol (46) . No (1) : 33 – 45 . 2009 .
- 20 -** Major cations levels studies in surface coastal waters of Derna City , (Libya) . Egyptian Journal of Aquatic research . Vol (35) . No . 1 . 2009 .
- 21-** Chemical and physical properties of shore line Derna city (Libya) waters. The first conference of science faculty , Al – Gabal Al – Akarby university: 12 - 14 ( March) , 2009.
- 22-** Synthesis and antitubercular activity of some novel pyridazinone derivatives. International Journal of chemical Sciences.Vol.5(3), 95 – 304(2009).
- 23-** Some pharmacological aspects of Royal Jelly. International Journal of chemical Sciences.Vol.5(3), 315 – 322(2009).
- 24-** Antifungal potential of 1,2 -4 Triazole derivatives and therapeutic efficacy of tinea cooperies in Albino Rats. Der Pharmacia Lettre. Vol (3) . No (1) : 228 – 236 . 2011
- 25-** The use of Rice Husk and activated carbon for waste water treatment of Alexandria coast Egypt . Conference of Annual water conference . 5-7 June 2007 . Alexandria .
- 26-** Quantitative estimation of flavonodies in leaves, flowers and roots and anatomical investigation of flowers and roots of Verbena Bipinnatifida Nutt, Verbenaceae cultivated in Egypt. Journal of pharm Sci . Vol (38) : 331 – 342 , 2008.

- 27-** The ground water quality of Benghazi plain wells ( Libya) . The International conference of chemistry . Amman Jordan , 22 -24 April 2011.
- 28-** Chemical studies on Derna city coast sediments. The 3rd National conference on basic Science Gharian , Libya , 25 – 27 April 2009.
- 29-** The 11<sup>th</sup> International Arab African Fish Resources and Exhibition ( sustainable use and management of aquatic resources .Cairo (2007) . The major cations levels in the coastal waters of Derna city (Libya) .
- 30-** Chemical studies and some heavy metals distribution at coastal sediment of Tobrouk city ( Libya) . The international conference on Water , Energy and Environmental , American University of Sharjah , 14 – 17 November , (2011).
- 31-** Ground water characteristics of some wells in Benghazi plain ( Libya).The international journal of the Environmental and water. Vol (1) , No (1). (2012) .
- 32-** Hypothetical salt combinations of some ground water samples of Benghazi plain (Libya). First United Arab Emirates Conference on Pure and Applied Chemistry , American University of Sharjah , 2011.
- 33-** Synthesis and biological evaluation of some 2,3Dipheny – 5- substituent indole derivatives. First United Arab Emirates Conference on Pure and Applied Chemistry , American University of Sharjah , 2011.
- 34-** Mercurimetric titration of some Beta Lactam antibiotics in bulk and pharmaceutical products . Der pharmacia Sinica , Vol(3), No (3): 327 -331. 2012
- 35-** A study of aliphatic hydrocarbons levels of some waters and sediment samples of Al – Gabal Al – Akhder coast regions . International .Journanal. Of chemical sciences . (11) , 2 , 833 – 849. 2014
- 36-** A Study of Nitrate, Nitrite, Phosphate and Some Heavy Metals Concentrations for Ground Water Samples of Jardas Region (Libya) . International journal of Libyan agriculture of research center, 2(S), 2194 – 2199.
- 37-** Spectrophotometric determination of ampicillin and amoxyllin in pharmaceutical products. First international conference of pharmaceutical sciences , Libya , 22 -24 -2009.
- 38-** Preparation and characterization of oxygenated chelating resin ( Phenol – Formaldehyde polymer ) and Evaluation its efficiency for water treatment. First international conference of pharmaceutical sciences , Libya , 22 -24 -2009.



- 39** – Solubility studies of poorly water soluble drug rofecoxib using different solvent systems. First international conference of pharmaceutical sciences , Libya , 22 -24 -2009.
- 40-** Preparation and characterization of poly cellulose acetate metals complexes. . First international conference of pharmaceutical sciences , Libya , 22 -24 -2009.
- 41-** Heavy metal contents in marine water samples of digha Coast in west Bengal. . First international conference of pharmaceutical sciences , Libya , 22 -24 -2009.
- 42-** Comparative phytochemical and antimicrobial investigation of some plants growing in Al-jabal Al- akhder. Journal . Nat.Prod. Plant Resour , 1(1) : 15 – 23 ,2011.
- 43.** Determination of heavy metal contamination of Libya dairy products in the Misurata area ( LIBYA). Science Bulletin of El – minia university .23 ( 1), 44 – 53 ,2012 .
- 44** – The ground quality of Benghazi plain Wells ( LIBYA). The sixth international conference of chemistry, Jordan .1 – 3, April , 2011.
- 45-** The Poly Cyclic Hydrocarbons levels in Some Fishes Tissues Collected from Derna City (LIBYA) Coast . International Conference on Chemical, Agricultural and Medical Sciences (CAMS-2014) May 2-3, 2014 Antalya (Turkey).
- 46** - A Study of Aromatic Hydrocarbons Levels of Some Waters and Sediments at Al–Gabal Al Akhder Coast Regions . International Conference on Chemistry, Biomedical and Environment Engineering (ICCBEE'14) Oct 7-8, 2014 Antalya (Turkey)
- 47-** THE LEVELS OF AROMATIC AND ALIPHAT HYDROCARBONS COMPOUNDS IN SOME LOCATIONS ALONG DERNA CITY COAST WATERS (LIBYA). 2nd International Petroleum Environmental Conference and Exhibition / 17- 19 June 2014 Tripoli-Libya.
- 48-** Determination of Chromium (VI) after solid liquid extraction with Pyrrolidindithiocarbamate. First international conference of chemistry , El –Baida ,Libya ,22 -24 / 4 .2014.
- 49-** Preparation, Spectrophotometric and Potentiometric Studies of Phenylalanine Complexes with Ni, Co and Mn. First international conference of chemistry , El – Baida ,Libya ,22 -24 / 4 .2014.
- 50-** Thermal Analysis (TGA), Diffractional Thermal Analysis (DTA), Infrared and X-rays analysis for Toubrouk sediments (LIBYA) coast. Int. J. Chem. Sci.: 12(1), 2014, 11-22.

**51** - Hypothetical salt combinations of some ground water samples of Benghazi plain (Libya) . International Journal of Environment & Water . Vol 2, Issue 5, 2013

**52** - Estimation of heavy metals to sediment the coastal waters of some beaches of al-Gabal EL-khaddar Libya . International Journal for Environment & Global Climate Change . Vol2, Issue 2, 2014.

**53** - Study to evaluate the water quality Along The coastline of al-Gabal EL-khaddar. International Journal of Environment & Water . Vol 2, Issue 4, 2013.

**54** - A study of aliphatic hydrocarbons of some waters and sediments at al –gabab al-akhder coast regions . Int. J. Chem. Sci.: 11(2), 2013, 833-849 .

**55**- QUALITATIVE AND QUANTITATIVE ESTIMATION OF PHENOLIC COMPOUNDS OF LEAVES AND STEMS FOR SOME HERBAL PLANTS AT AL-GABAL AL-AKHDER REGION . International Journal of Phyto pharmacology , **6(2), 2015, 98-101.**

**56** - Amino Acid Contents of Leaves and Stems for Three Types of Herbal Plants at Al-Gabal Al-Akhder Region, World Journal of Chemistry **9 (1): 15-19, 2014.**

**57** - Amino acids contents of leaves and stems for two types of herbal plants(Marjoram and Hybrid tea rose) at AL-Gabal AL-Akhder region , Der Pharma Chemica, 2014, 6(6):442-447.

**58.** Heavy Metals and Mineral Elements contents of Leaves and Stems for some Herbal Plants at AL-Gabal AL-Akhder Region. Chemical Science Review and Letters . Chem Sci Rev Lett 2014, 3(12), 980-986.

**59.** CHEMICAL COMPOSITION FOR SOME HONEY LIBYAN TYPES . International journal of pharmacology research , Vol 4 | Issue 3 | 2014 .

**60** - Simultaneous Determination of Paracetamol-containing Tablets in Binary Mixtures by pH-Potentiometric Titration and Multivariate Calibration , Journal of Applied Science And Research, 2014, 2 (6):34-43 .

**61** - Synthesis, Infrared (I.R), Thermal Gravimetric Analysis (TGA) Characterization and Antibacterial Activity of some Amino Acids Complexes. Chemical Science Review and Letters. Chem Sci Rev Lett 2014, 3(12), 1303-1316.

62. Potentiometric studies on serine and Asparagin complexes with  $Cd^{+2}$  and  $Pb^{+2}$ , global researches, 2015.
63. The distribution of some heavy metals in some fishes tissues at Benghazi city coast (LIBYA). Libyan .j. of basic sciences . vol (1) . No(1). 2015.
64. Assessment of chemical contents, biochemical and histopathological effects of Libyan tobacco (*Nicotiana tobaccum*) on Swiss albino mice. Libyan .j. of basic sciences . vol (2) . No(1). 2015.
65. DETERMINATION OF VITAMIN B9 (FOLIC ACID) IN SOME PHARMACEUTICAL PRODUCTS USING SPECTROPHOTOMETRIC AND CHROMATOGRAPHIC METHODS . World Journal of Pharmaceutical Research . Volume 4, Issue 11, 1933-1938.
66. Synthesis, Infrared (IR), Thermal Gravimetric Analysis (TGA) Characterization and Antibacterial Activity of some Amino Acids Complexes. Chemical Science Review and Letters . *Chem Sci Rev Lett* 2014, 3(12), 1303-1316 .
67. A COMPARATIVE STUDY ON SOME HEMATOLOGICAL PARAMETERS OF SOME SMOKERS AND NON SMOKERS BLOOD SAMPLES . World Journal of Pharmaceutical Research . Volume 5, Issue 02, 146-154.
68. Paper Chromatography investigation of alcoholic and aqueous extractions of leaves and fruits of (*Quercus coccifera*) plant . First International Conference in Basic Science and Their Applications, Al-Bayda, Libya, 2015 .
69. Phytochemical screening of some herbal plants (*Arbutus pavarii* and *Juniperus phoenicea*) growing at Al - Jabal Al - Akhder region ( libya) . First International Conference in Basic Science and Their Applications, Al-Bayda, Libya, 2015 .
70. CHEMICAL COMPOSITION FOR SOME HONEY LIBYAN TYPES . International Journal of Pharmacology Research . Vol 5 | Issue 1 | 2015 | 1-4.
71. RP-HPLC DETERMINATION OF PARACETAMOLCONTAINING COMPONENTS IN QUATERNARY AND BINARY MIXTURES . *Eur. Chem. Bull.*, 2017, 6(7), 330-335
72. SPECTROPHOTOMETRIC DETERMINATION OF THE IONIZATION CONSTANTS OF METHIONINE, CYSTINE AND CYSTEINE . *Eur. Chem. Bull.*, 2017, 6(8), 355-358 .
73. ESTIMATE OF SOME BLOOD PARAMETERS, UREA AND CREATININE LEVELS IN CHRONIC RENAL OF SOME PATIENTS AT EL-BAIDA CITY HOSPITAL (LIBYA) . WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES . Volume 5, Issue 2, 137-144 .
74. Estimate the types and the natural radioactivity element contents and the radiological hazard values of some sediment samples at Benghazi coast –Libya . *Journal of Chemical, Biological and Physical Sciences* . July 2018, Vol. 8, No. 3; 291-295.

75. A COMPARATIVE STUDY ON SOME HEMATOLOGICAL PARAMETERS OF SOME SMOKERS AND NON SMOKERS BLOOD SAMPLES . World Journal of Pharmaceutical Research :Volume 5, Issue 02, 146-154. .
76. Nitrogen, Phosphorus and Minerals (Sodium, Potassium and Calcium) Contents of Some Algae's Species (Anabaena and Spirulina platensis) . International Journal of Current Microbiology and Applied Sciences ISSN: 2319-7706 Volume 5 Number 11 (2016) pp. 836-841.
77. Simultaneous Determination of Paracetamol-containing Tablets in Binary Mixtures by pH-Potentiometric Titration and Multivariate Calibration . Journal of Applied Science And Research, 2014, 2 (6):34-43 .
- 78 . Chemical structure of ground water for some Tolmaitha - Toukara cities ( Libya) wells. International Journal of Environment & Water ISSN 2052-3408 . Vol 3, Issue 6, 2014 .
79. Phytochemical screening of some herbal plants (Menthe, Origanum and Salvia) growing at al-gabal al-akhder region- Libya . INTERNATIONAL JOURNAL OF PHARMACY & LIFE SCIENCES (Int. J. of Pharm. Life Sci.) . 8(4): April, 2017:5500-5503]
80. Phytochemical Screening of Some Herbal Plants (Menthe, Origanum and Salvia) Growing at Al-Gabal Al-akhder Region-Libya . African Journal of Basic & Applied Sciences 9 (3): 161-164, 2017.
81. Study the effect of the Derna cement factory dusts on the metal oxides contents at El –Fataeh region by using X – Ray fluorescence and I.R techniques . El – Marg Journal of sciences and arts , vol (23) : No (2) :2016
- 82 . Assessment naturally occurring radioactive elements and hazard index for water in Benghazi Beach in Libya . The fifth Scientific Conference of Environment and Sustainable Development in the Arid and Semi- Arid Regions (ICESD) - From 23-25. July. 2018 - Ajdabiya- Libya .
83. Separation and Identification the Speciation of the Phenolic Compounds in Fruits and Leaves of Some Medicinal Plants (Juniperus phoenicea and Quercus coccifera) Growing at Al –Gabal Al –Akhder Region (LIBYA). Indian Journal of Pharmaceutical Education and Research | Vol 51 | Issue 3 | Jul-Sep, 2017 (Special Issue) .
84. Effect of solvents on the electronic spectra of the amino acids (methionine, cysteine and cystine) . International Journal of Chemical Studies 2016; 4(2): 01-03.