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**Mailing Address:** Chemistry Department, Faculty of Science, Cairo  
University, Giza, A.R. Egypt

**CAREER**

- 1975 B.Sc. chemistry , Faculty of Science, Cairo University
- 1975 Demonstrator , Faculty of Science, Cairo University
- 1979 Master in inorganic chemistry, Faculty of Science, Cairo University
- 1979 Assistant Lecture , Faculty of Science, Cairo University
- 1985 Ph. D. in analytical chemistry, Faculty of Science, Cairo University
- 1985-1991 Lecturer of chemistry, Faculty of Science, Cairo University .
- 1991-1999 Assisting professor of analytical chemistry, Faculty of Science Cairo  
University.
- 1999-2010: Professor of analytical chemistry, Faculty of Science - Cairo University.
- 2003-2007: Director of Micro Analytical Center, Faculty of Science, Cairo  
University .
- 2007- 2010 Vice Dean for Postgraduate Studies and Research.
- 2010 Director of Project Management Unit PMU , Cairo University.

**RESEARCH INTERESTS**

- Thermal Analysis
- Water Analyses and water treatment.
- Complex formation.
- Spectrophotometric methods of analysis
- Analysis and determination of pharmaceuticals.

## **Teaching experience:**

*Teach almost all Analytical chemistry Courses.*

*Analytical Chemistry Chem 221*

*Instrumental Methods of Analysis chem 321*

*Fundamental of Analytical Chemistry BioC 102*

*Analytical chemistry BioC 212 and BioC 217*

*Thermal Analysis Chem423*

*Environmental Methods of Analysis CA524*

## **List of Publication:**

1- "  $\gamma$ - Chloroacetoacetanilide as Spectrophotometric Indicator for the EDTA Titration of Iron III."

M.M. Khater, M.A. Zayed and **F.A. Nour El-Dien.**

*J.Anal.Chem.* **1980**,301,26.

2- " Tautomerism in  $\gamma$ - Haloacetoacetanilides and Determination of their Dissociation Constants."

M.M. Khater, M.A. Zayed and **F.A.Nour El-Dien.**

*8<sup>th</sup> International Microchemical Symposium* .August 25-30, Graz, Austria , **1980.**

3- " $\gamma$ - Haloacetoacetanilide Complexes of Iron III Structure- Stability Relationships"

M.M. Khater, M.A. Zayed and **F.A. Nour El-Dien.**

*Egypt J. Chem.* **1981**, 24 (3), 187-194.

4- " Polarographic Reaction of  $\gamma$ - Haloacetoacetanilides ; Mechanism and Structure - Reactivity Relationships ."

M.M. Khater, M.A. Zayed and **F.A. Nour El-Dien.**

*Egypt. J. Chem.* **1982** , 25 (4), 311-324.

5-" Redox Reaction of Iodine and Phenols. Microdetermination of Phenols with Iodine by Potentiometry."

H. Khalifa , M.A. Zayed , M.S. Rizk and **F.A. Nour El-Dien.**

*Egypt. J. Chem.* **1984** , 27 (6), 723-735 .

6-" The Potentiometric Microdetermination of Aminophenol with Iodate and Periodate ."

M.A. Zayed, H. Khalifa and **F.A. Nour El-Dien .**

*Microchemical Journal*, **1986** , 34 , 204-210 .

7-" The Kinetics and Thermochemistry of the Redox Reaction Between Iodine and Phenol Derivatives. 1- With Ortho-Bromophenol."

M.A. Zayed, H. Khalifa and **F.A. Nour El-Dien .**

*Thermochimica Acta*, **1986** , 101 , 325-340 .

8-" Potentiometric Microdetermination of Nitro- and Bromophenols by Oxidation with Iodate and Periodate ."

M.A. Zayed, H. Khalifa and **F.A. Nour El-Dien .**

*Microchemical Journal*, **1987** , 35 , 30-39 .

9- " The Kinetics and Mechanism of Oxidation of p-Nitrophenol with Iodine ."

M.A. Zayed and **F.A. Nour El-Dien .**

*Egypt. J. Chem.* **1988** , 31 (2), 233-239 . '

10- " Structure Identification of Substituted Phenol Redox Products by: Thermogravimetric and Differential Thermal Analysis ."

M.A. Zayed and **F.A. Nour El-Dien .**

*Thermochimica Acta*, **1987**, 113 , 117-123 .

11-" Structure-Stability Relationship of Copper II - Indol Carboxylic acid Derivative Complexes from Spectrophotometric, Thermogravimetric and Potentiometric Studies ."

M.A. Zayed and **F.A. Nour El-Dien** .

*Thermochimica Acta*, **1987**, 114 , 359-371 .

12-" Comparative Study of the Redox Reaction Between Iodine and Phenol Derivatives, Through Correlation Between Thermal Analysis and Thermodynamic Calculation from Kinetic Data ."

M.A. Zayed and **F.A. Nour El-Dien** .

*Thermochimica Acta*, **1988** , 128 , 105-114 .

13-" Microdetermination of Some Xylenols Via Investigation of their Catalyzed Reaction with Iodine."

**F.A. Nour El-Dien** , M.A. Zayed and M.M.Ali.

*Microchemical Journal*, **1988** , 38 , 350-354 .

14- " Related Spectrophotometric and Potentiometric Studies on Aminophenols redox Products: Acid-Base Properties

M.A. Zayed and **F.A. Nour El-Dien** .

*Egypt. J. Chem.* **1989** , 32 (1), 7-20 .

15-" The Use of Thermal and Spectrometric Analyses for the Structure Investigation of Arylhydrazone acetoacetyl amino pyridines and their Copper Chelates ."

MA. Zayed , **F.A. Nour El-Dien** and MA.F. Sharaf.

*Thermochimica Acta*, **1989** , 146 , 1-13 .

16-" Some Observations on the Microdetermination of Sulfite, Sulfide and Thiosulfate by Mercurimetric Titration."

**F.A. Nour El-Dien** , MA. Zayed, and H. Khalifa .

*Microchemical Journal*, **1989** , 39 , 126-132 .

17-" Mercurimetric Determination of Phosphates and Microanalysis of Some Egyptian Phosphate Ores ."

**F.A. Nour El-Dien** , H. Khalifa , MA. Zayed and W.H. Hegazy.

*Microchemical Journal*, **1989** , 40 (3), 311 -316 .

18-" Structure Identification of 2-Thiohydantoin and its Metal Chelates by Thermal and Spectral Analyses ."

**F.A. Nour El-Dien** , MA. Abdelaziz and IVfA. Zayed .

*Thermochimica Acta*, **1990** , 162 , 399-407 .

19-" Application of the Silver Amalgam Electrode for the Microdetermination of Phosphate, Arsenate and Sulfide ."

M.A. Zayed , **F.A. Nour El-Dien** and W.H. Hegazy .

*Microchemical Journal*, **1990,41** ,356-361 .

20-" Analysis of Thermogravimetry curves to Determine the Mechanism of Dissociation of 2- Thiohydantoin and its Derivatives and their Metal Chelates ."

**F.A. Nour El-Dien** .

*Thermochimica Acta*, **1991** , 179 , 323-331 .

21- " Potentiometric Microdetermination of Phosphate , Arsenate and Sulfide ."

H. Khalifa , **F.A. Nour El-Dien** and W.H. Hegazy .

*Egypt. J. Chem.* **1991** , 34 (2), 121-129 .

22-" Studies on Thermal Behaviour of Iodine Xylenols and Cresols Redox Reactions."

M.A. Zayed , **F.A. Nour El-Dien** and M.M.Ali .

*Egypt. J. Chem.* **1991** , 34 (5), 371-388 .

23- " The Catalyzed Reactions Between Iodine and Cresols Microdetermination of Cresols ."

**F.A. Nour El-Dien** , M.A. Zayed and M.M. Aly .

*Egypt. J. Chem.* **1992** ,35 (1), 57-65 .

24-" Use of Some Transition Metal Cations in Potentiometric and Spectrophotometric Microdetermination of Fluoride and Evaluation of its Uptake Rate by Tooth Enamel"

**F.A. Nour El-Dien** and M.A.Rashed .

*Asian Journal of Chemistry*, **1993** , 5 (4), 1091- 098

25-" Inductively Coupled Plasma Atomic Emission Spectrometry for Analysis of Digested River Nile Sediments by Microwave System. "

M.A.Zayed , **F.A. Nour El-Dien** and K.A. Rabie .

*International Fifth Beijing Conference and Exhibition on Instrumental Analysis*, **1993** , Oct. 9-12 , **Beijing , China .**

26- " Microdetermination of Some inorganic Constituents Accumulated in Some Egyptian Plants Digested by Kjeldahl Flask and Analyzed by Direct Current Emission and Flame Atomic Absorption Spectrometry."

**F.A. Nour El-Dien** , M.A. Zayed and K.A. Essa.

*First International Conference in Chemistry and Its Application*, **1993** ,Dec. 7-9 , **Doha .Qatar.**

27-" Comparative Study of Seasonal Variation in Metal Concentrations in River Nile Sediment, Fish and Water by Atomic Absorption Spectrometry."

M.A. Zayed, **F.A. Nour El-Dien** and K.A. Rabie.

*Microchemical Journal* ,**1994** , 49, 27-35.

28-" Atomic Absorption and Inductively Coupled Plasma Emission Spectrometry for the Analysis of Some Important Egyptian Plants."

M.A.Zayed, **F.A. Nour El-Dien** and K.A. Essa.

*Guangpu Shiyanshi*,**1994**, 11 (5), 56-59.

29-" Seasonal Variation of Water Quality of River Nile at Helwan Area."

M.A. Zayed, **F.A. Nour El-Dien** , K.A. Rabie and M. El-Moattassem.

*I Environ. Sci. Health*, **1995** ,A 30 (9), 1957-72.

30-"Reactions of Di- and Tri-Hydric Phenolic Drugs with Trioxalato Ferrate III Reagent and Their Analysis in Aqueous Media."

**F.A. Nour El-Dien** and N.A.A. Rashwan.

*Egypt. J. Chem.* **1995** ,38 (2), 125-139 .

- 31-" Microdetermination of Aminophenols and Cresols Via Their Reaction with Bromine."  
**F.A. Nour El-Dien**, M.A. Zayed and G.G. Mohamed  
*Egypt. J. Chem.* **1996** ,39 (2), 115-128.
- 32-" Reaction Kinetics of Bromine and Aminophenols."  
**F.A. Nour El-Dien**, G.G. Mohamed and I.Z. Selim.  
*Egypt. J. Chem.* ,**1996** , 39 (2), 129-141 .
- 33-" Studies on the Reaction Products of Iron With Catecholamine and Noncatecholamine."  
**F.A. Nour El-Dien** , M.A. Zayed and A.M. Abd-El-Karim.  
*Egypt. J. Chem.* , **1996** , 39 (4) , 401-409 .
- 34-" Spectrophotometric Microdetermination of p-Acetamidophenol in Some Egyptian Pharmaceutical Preparations."  
**F.A. Nour El-Dien** and G.G. Mohamed.  
*Egypt. J. Anal. Chem.* ,**1997** , 6 , 97-106
- 35-" Comparison Between Thermal Analysis and Mass Spectroscopic Studies of Uranyl Oxinates."  
M.A. Zayed , **F.A. Nour El-Dien**, A. Rageb El-Gany and K. Gyoryova.  
*Journal of Thermal Analysis* ,**1997** , 50 , 487-498 .
- 36-" Thermodynamic Study for (  $\text{NH}^+ - \text{K}^{4+}$  ) Exchange on K-Saturated Clinoptilolite."  
**F.A. Nour El-Dien** , M.M. Ali and M.A. Zayed.  
*Thermochimica Acta* ,**1997** , 307 (1), 65-75 .
- 37- " Comparison of Microwave and Conventional Extraction Techniques Utilized for the Determination of Metals in Hibiscus Sabdarifa (roselle) by Inductively Coupled Plasma Emission Spectrometry."  
M.A. Zayed, **F.A. Nour El-Dien** and K.A. Essa.

*Pittcon' 97*, **1997**, March 16-21, **Atlanta, Georgia**.

38-" Thermal Behavior Complex Compounds of ZnI<sup>+</sup> and Zn/ RCHXCOO/2Ln Type.-

K. Gyoryova and **F.A. Nour El-Dien**.

*Abstr. Book of XIV Conf. Therm. Anal.*, *Termanal 97*, Ed. ChtF.STU Bratislava, **1997**, p.62-65.

39- " Synthesis and Structure of Bis/AntipyrinADibromozinc/II/Complex Compounds."

K.Gyoryova, **F.A. Nour El-Dien** and M. Melnik.

*Czech-Slovak Conference of Inorganic Chemistry, Zlin*, **1997**, September 8-11, Czech Republik.

40- " Thermal Behavior of Zinc/II/Aliphatic Carboxylates and their Biological Activity."

K.Gyoryova and **F.A. Nour El-Dien**.

*XIV Conf. Therm. Anal.*, *Termanal 97, Belusske Slatiny* **1997**, October 1-3, Slovak Republic.

41-" Synthesis and Thermal Behavior of new Zinc Halogeno Complex Compounds with Phenazone and Nicotinamide."

K.Gyoryova, V. Baiek, M. Melnik and **F.A. Nour El-Dien**.

*Journal of Thermal Analysis*, **1998**, *53*, 577-584.

42-" Structural Study on Bromine-Cetamol Redox Products Through Correlation Between Thermal and Mass Spectral Analyses."

**F.A. Nour El-Dien**, M.A. Zayed and G.G. Mohamed.

*Egypt. J Chem.*, **1998**, *42(3)*, 221-236.

43- " Spectrophotometric Study of the Reaction Between Trioxalatoferrate III with Some Phenolic Compounds in Solution and their Use in the Analysis of Phenolic Drugs."

**F.A. Nour El-Dien**.



2<sup>nd</sup> Euro-Mediterranean Conference On Application of Photobiology and Laser Technologies in Medicine and Environment ,1998 , February 13-16, **Cairo , Egypt.**

44- " The Kinetics and Thermo Chemistry of Some Redox Reactions."

G.G. Mohamed., **F.A. Nour El-Dien** and M.A. Zayed .

*The 1<sup>st</sup> International Conference on The Role of Chemistry Administration for Attending Environment and Society . 1998 ^December 15-17, Cairo*

45- "Preparation and Characterization of Iron- di and poly Carboxylatepyrocatechol and Pyrogallol Mixed Ligand Chelates ."

**F. A. Nour El-Dien .**

*Spectroscopy letters , 1999 ,32 (3), 407-419.*

46-" Mathematical Modeling of Exchange Kinetics for NH<sup>+</sup> Adsorption on K- Saturated Clinoptilolite."

**F.A. Nour El-Dien .**

*Egypt. J. Chem. , 1999 , 42(6), 47-65.*

47-"Thermodynamic Study on the ( NH<sup>+</sup> - K<sup>+</sup> ) Exchange on K- Saturated Clinoptilolite Clay"

**F.A. Nour El-Dien**, M.M. Ali and M.A. Zayed

*Egypt J. Chem. , 2000, 43(1), 31-51 .*

48-" Ammonium Adsorption Properties on Clinoptilolite as Soil Amendment."

**F.A. Nour El-Dien**, M.M. Ali and M.A. Zayed

*Egypt J. Chem. , 2000, 43(2), 107-124 .*

49-" Some observation on the Spectrophotometric Determination of Di- and Trihydric Phenols by EDTA titration".

**F.A. Nour EL-Dien.**

*Spectroscopy letters, 2000, 33(3), 347-357.*

50- " Preparation, chemical characterization and electronic spectra of 6-(2-pyridylazo)- 3-acetamidophenol and its metal complexes."

**F.A. Nour El-Dien**, G.G. Mohamed and Nadia E. A. El-Gamel.

*Synthesis and Reactivity in Inorganic and Metal-organic Chemistry*, **2001**,31 (2), 347-358.

51- " Determination of Paracetamol Bromopotentiometrically using silver amalgam and bromide ion-selective electrode.

**F.A. Nour El-Dien**, G.G. Mohamed and M. A. Zayed.

*Egypt J Chem.* , **2001**, 44(1-3), 51-61

52- " Thermal Behaviour of Metal Complexes of 6-(2-pyridylazo)-3-acetamido phenol."

G.G. Mohamed, **F.A. Nour El-Dien** and Nadia El-Gamel.

*Journal of Thermal Analysis and Calorimetry* , **2002**, 67, 135-146.

53- " Thermal, Spectral and Antimicrobial Properties of New Zinc (II) Isobutyrate Compounds."

K. Gyoryova, J. Kovarova, E. Andogova, V. Zeienak and **F. A. Nour El-Dien**.

*Journal of Thermal Analysis and Calorimetry*, **2002**, 67, 119-128.

54- " The Study of New Zinc(II) Aliphatic Carboxylate Complex Compounds By Methods of Thermal Analysis."

E. Andogova, K. Gyoryova and **F. A. Nour El-Dien**.

*Journal of Thermal Analysis and Calorimetry*, **2002**, 69, 245-253.

55- "IR, UV-Vis, magnetic and thermal characterization of some chelates of some catecholamines and 4-aminoantipyrine with Fe(III) and Cu(II)."

Gehad G. Mohamed, M.A. Zayed, **F.A. Nour El-Dien**, Reham G. El-Nahas.

*Spectrochimica Acta (Part A)*, 60, **2004**, (8-9), 1775-1781.

- 56- " Structure investigation, spectral, thermal, X-ray and mass characterization of piroxicam and its metal complexes.”  
M. A. Zayed, **F.A. Nour El-Dien**, G.G. mohamed and Nadia E.A. El-Gamel  
*.Spectrochimica Acta, Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 2843-2852.*
- 57-“Spectrophotometric assay for levodopa and  $\alpha$ -methyldopa in pharmaceutical products and in biological samples of schizophrenic patients using copper complex and tri-iodide reagent.”  
M.A. Zayed, **F.A. Nour El-Dien**, Gehad G. Mohamed and Reham G. El-Nahas.  
*J. of Biomedicine and biotechnology, 2005:1, 1-9.*
- 58- " Spectrophotometric Determination of Levodopa, Carbidopa and Alphamethyldopa."  
**F. A. Nour El-Dien**, G.G. Mohamed , M.A. Zayed and R. A. El-Nahas.  
*Egypt.J. Chem., 2005, 48,3,259-272*  
*Chem.03, Faculty of Science Cairo University, 2004, Egypt J Chem .*
- 59-“Spectrophotometric determination of flucloxacillin and dicloxacillin in pure and dosage forms.”  
**F.A. Nour El-Dien**, Gehad G..Mohamed, and Eman Y.Z.A. Farag.  
*Spectrochimica Acta (Part A), 2006, 64, 210-215.*
- 60- “Synthesis and thermal characterization of new ternary chelates of piroxicam and tenoxicam with glycine and dl-phenylalanine and some transition metals.”  
M.A. Zayed, **F.A. Nour El-Dien**, Gehad G. Mohamed and Nadia E. A. El-Gamel.  
*Spectrochimica Acta, 2006, 64(1), 216-232.*

61-“Spectrophotometric study of the reaction mechanism between DDQ as  $\pi$ -acceptor and potassium iodate and flucloxacillin and dicloxacillin drugs and their determination in pure and in dosage forms.”

Gehad G. Mohamed, **F.A. Nour El-Dien**, Eman Y.Z.A. Farag.

*Spectrochimica Acta (Part A)*, **2006**, 65(1), 11-19.

62-“Spectrophotometric determination of trazodone, amineptine and amitriptyline hydrochlorides through ion-pair formation using methyl orange and bromocresol green reagents.”

**Faten A.F. Nour El-Dien**, Gehad G. Mohamed, Nehad A. Mohamed.

*Spectrochimica Acta*, **2006**, 65(1), 20-26.

63- “Spectrophotometric determination of trazodone, amineptine and amitriptyline hydrochlorides through ion-pair formation with molybdenum and thiocyanate.”

Gehad G. Mohamed, **F.A. Nour El-Dien**, S.M. Khalil, Nehad A. Mohamed.

*Spectrochimica Acta*, **2006**, 65(5), 1221-1226.

64-“FT-IR, Magnetic, Mass Spectra, XRD and Thermal Studies of Metal Chelates of Tenoxicam.”

M.A. Zayed, **F.A. Nour El-Dien**, Gehad G. Mohamed and Nadia E.A. El-Gamel.

*J. Mol. Structure* 841(1-3), 41-50, **2007**.

65- “Utility of 7,7,8,8-tetracyanoquinodimethane reagent for the spectrophotometric determination of trazodone, amineptine and amitriptyline hydrochlorides in pure form and tablets.”

Gehad G. Mohamed, **F.A. Nour-El-Dien**, Nehad A. Mohamed.

*Spectrochimica Acta*, 68(5), 1244-1249, **2007**.

66- Novel Zinc II benzoate complex compounds with caffeine and urea.

Lenka Findoráková, Katarína Gyryová\*, Jana Ková\_ová, V. Balek, **F. A. Nour El-Dien** and L. Halás

*Journal of thermal and calorimetry*, 95,3,923-928, **2009**.

**67-** “Metal complexes of omeprazole. Preparation, spectroscopic and thermal characterization and biological activity”

Gehad G. Mohamed ; **F. A. Nour El-Dien** ; Shaban M. Khalil ; Aliaa S. Mohammad

*Journal of Coordination Chemistry*, 62, 4, 645–654, **2009**

**68-** “Radiation-induced grafting of glycidyl methacrylate onto cotton fabric waste and its modification for anchoring hazardous wastes from their solutions”

Hesham H. Sokker, Sayed M. Badawy, Eha M. Zayed, **Faten A. Nour Eldien**, Ahmad M. Farag

*Journal of Hazardous Materials*, 2009

**69-** Spectrophotometric and standard addition methods for quantitative determination of dopamine hydrochloride and levodopa in tablets and ampoules

Gehad G. Mohamed ; **Faten A. Nour-El-Dien**; Reham G. El-Nahas

*Afinidad LXVI*, 541, Mayo-Junio **2009**

**70 -**Mass spectra of gliclazide drug at various ion sources temperature. Its thermal behavior and molecular orbital calculations

M. A. Zayed **F. A. Nour El-Dien** M. F. Hawash M. A. Fahmey

*J Therm Anal Calorim*, 102:305–312 ,**2010**

**71-** Preparation, thermal decomposition, and crystal structure of Zn(II) 2-chlorobenzoate complex with nicotinamide

L. Findoráková; K. Gy\_ryová; M. Melník; M. Koman; **Faten A. Nour El-Dien**

*Journal of Coordination Chemistry*, 1–8 , 26 August ,**2010**

72- Extractive spectrophotometric determination of sulphonamide drugs in pure and pharmaceutical preparations through ion-pair formation with molybdenum(V) thiocyanate in acidic medium.

**Faten A. Nour El-Dien**, Eman Y. A. Frag and Gehad G. Mohamed

*Drug Test. Analysis* , 2, 234–242 , **2010**.

73- Extractive spectrophotometric determination of sulphonamide drugs in pure and pharmaceutical preparations through ion-pair formation with molybdenum(V) thiocyanate in acidic medium

**Faten A. Nour El-Dien** , Gehad G. Mohamed , Elmorsy Khaled , Eman Y.Z. Frag

*Journal of Advanced Research* ,**1**, 215–220 ,**2010** .

74- New copper(II) complexes with dopamine hydrochloride and vanillylmandelic acid: Spectroscopic and thermal characterization.

Gehad G. Mohamed , **F.A. Nour El-Dien**, R.G. El-Nahas

*Spectrochimica Acta (A)*, 81: 489–497 ,**2011** .

75- Construction and performance characterization of screen printed and carbon paste ion selective electrodes for potentiometric determination of naphazoline hydrochloride in pharmaceutical preparations.

Eman Y. Z. Frag, Gehad G. Mohamed, **F. A. Nour El-Dien** and Marwa E. Mohamed

*Analyst*, 136: 332–339 , **2011**.

76- Metalloantibiotics: Synthesis and Antimicrobial Activity of Clotrimazole Metal Chelates, Spectroscopic, and Thermal Characterization.

Hanan F. Abd El-Halim, **F. A. Nour El-Dien**, Gehad G. Mohamed, and Nehad A. Mohmed .

Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry, 41: 544–554 , **2011**.

77- The Use of Integrated Analytical Tools for Determination of Cyclopentolate and Naphazoline Hydrochlorides in Pure and Pharmaceutical Preparations.

Eman Y.Z. Frag, Gehad G. Mohamed, **F.A. Nour El-Dien** and Marwa El-Badry Mohamed.

*Pharmaceutica Analytica Acta*, 2(1): 1–6 , 2011.

78- Modified Screen Printed and Carbon Paste Ion Selective Electrodes for Potentiometric Determination of Naphazoline Hydrochloride in Pure and Pharmaceutical Preparations

**F.A. Nour El-Dien**, Gehad G. Mohamed , Eman Y.Z. Frag, Marwa El-Badry Mohamed.

*Int. J. Electrochem. Sci.*, 7 , 10266 – 10281, 2012 .

79- Extractive spectrophotometric method for determination of meoxipril HCl and perindopril in raw materials and tablets using ion pair formation.

H.M. Elqudaby, **F.A. Nour El-Dien**, Eman Y.Z. Frag, Noha M. Kamal El-Dien, Gehad G. Mohamed

*International Journal of Chemical and Analytical Science*,3(3),1334-1339, 2012.  
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80- Simple Validated Method for Determination of Deoxynivalenol and Zearalenone in Some Cereals Using High Performance Liquid Chromatography.

Ahmed S. Sebaei, Ahmed M. Gomaa, Gehad G. Mohamed, **Faten A. Nour El-Dien**

*American Journal of Food Technology*, 7(11): 668-678, 2012.

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81- Synthesis, spectroscopic, thermal characterization, and antimicrobial activity of miconazole durg and its metal complexes.

Hanan F. Abd El-Halim, **Faten A. Nour El-Dien**, Gehad G. Mohamed, Nehad A. Mohamed

*J Therm Anal Calorim*, 109, 883-892, 2012.

- 82- Thermoanalytical, spectral and biological study of 4-bromobenzoatozinc(II) complexes containing bioactive organic ligands.  
Annama'ria Krajni'kova', Katari'na Gyoryova', Jana Kova'r'ova', Daniela Hudecova', Jana Huba'c'kova', **Faten Nour El-Dien**, Maria'n Koman  
*J Therm Anal Calorim* , 110:177–185, **2012**
- 83- Thermal decomposition study and biological characterization of zinc(II) 2-chlorobenzoate complexes with bioactive ligands.  
Lenka Findora'kova', Katari'na Gyoryova', Daniela Hudecova', Dagmar Mudron'ova', Jana Kova'r'ova', Katari'na Homzova', **Faten A. Nour El-Dien**  
*J Therm Anal Calorim*, **2012**
- 84- Chelating behavior, thermal studies and biocidal efficiency of tioconazole and its complexes with some transition metal ions.  
GG Mohamed, **Faten A. Nour El-Dien**, EYZ Frag, MEB Mohamed  
*Journal of Thermal Analysis and Calorimetry 111 (1), 173-181,2013.*
- 85- In situ modified screen printed and carbon paste ion selective electrodes for potentiometric determination of naphazoline hydrochloride in its formulation  
GG Mohamed, **Faten A. Nour El-Dien**, EYZ Frag, MEB Mohamed  
*Journal of Pharmaceutical Analysis, 2013.*
- 86- Modified screen print and conventional carbon past electrods for determination of sildenafil citrate in tablets.  
GG Mohamed, **Faten A. Nour El-Dien**, EYZ Frag, MMA Diab  
*World Journal of Pharmacy and Pharmaceutical Sciences,2(6),4329-4348,2013.*
- 87- In situ modified ion selective electrodes for potentiometric determination Sildenafil citrate and some of its formulations.  
**Faten A. Nour El-Dien** , GG Mohamed, EYZ Frag, MMA Diab  
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