

# Curriculum Vitae

## Shahryar Abbasi

Ilam University

Department of Chemistry, Ilam, Iran

Phone: +98 841 2227022, Fax: +98 841 2227022

Email: [abosina2000@yahoo.com](mailto:abosina2000@yahoo.com)

[Sh.abbasi@mail.ilam.ac.ir](mailto:Sh.abbasi@mail.ilam.ac.ir)

### Occupation:

Associate Professor of Analytical Chemistry, Faculty of Science, Ilam University, Ilam, Iran.

### Personal Data

Male, Married with two children, excellent health.

Place and date of birth: Ilam, Iran on Sep. 18, 1968.

Home address: New campus of Ilam University, Building 3, Appt.304.

Telephone (home): +98341/ 2230744. mobile: +989183411042

### Objectives

Electrochemical Analysis, Kinetic & spectrophotometry

### Education

<u>Institution</u>	<u>Degree</u>	<u>Year Conferred</u>
Mazandaran University, Babolsar, Iran	B. Sc.(Applied Chemistry)	1993
Isfahan University of Technology, Isfahan , Iran	M. Sc.(Analytica Chemistry)	1996
Isfahan University of Technology, Isfahan , Iran	Ph. D.(Analytical Chemistry)	2001

### Courses Taught

Analytical Chemistry  
Electrochemistry  
General Chemistry  
Instrumental Methods of Analysis  
Spectrochemical Analysis

### Technology Transfer Experience

- 1 Codify of the Iranian national standard(No: 7246)
- 2 Codify of the Iranian national standard(No: 7245)
- 3 Codify of the Iranian national standard(No: 7247)
- 4 Codify of the Iranian national standard(No: 6880)
- 5 Codify of the Iranian national standard(No: 6834)
- 6 Codify of the Iranian national standard(No: 6832)
- 7 Codify of the Iranian national standard(No: 6831)

- 8 Codify of the Iranian national standard(No: 6833)
- 9 Determination of trace amount of Zinc in food samples by adsorptive stripping voltammetry.
- 10 Determination of trace amount of Copper in food samples by adsorptive stripping voltammetry.
- 11 Determination of trace amount of Sn in food samples by adsorptive stripping voltammetry.

### **Personal Skills**

Working with Polarography and voltammetry, AAS, IR, UV-Vis, Spectrophotometry.

### **Publications**

- 1) Ali A. Ensafi, S. Abbasi, "Catalytic kinetic determination of ultra trace amount of silver with Spectrophotometric detection", *Analytical Letters*, 30(2), **1997**, 327.
- 2) Ali A. Ensafi, S. Abbasi, "Sensitive reaction rate method for the determination of low levels of formaldehyde with photometric detection", *Fresenius J Anal Chem*, 363, **1999**, 376.
- 3) Ali Asghar Ensafi, Shahryar Abbasi, "Highly selective and sensitive stripping voltammetric determination of Cobalt with Ammonium 2-Aminocyclohexene-1-dithiocarboxylate and nitrite", *Analytical Sciences*, 16, **2000**, 377.
- 4) Ali A. Ensafi, S. Abbasi, "Highly selective-cathodic stripping voltammetric determination of copper with  $\alpha$ -benzylmonooxime", *Microchemical Journal*, 64, **2000**, 195.
- 5) Ali A. Ensafi, S. Abbasi, B. Rezaei, " Kinetic Spectrophotometric method for determination of oxalic acid by its catalytic effect on the oxidation of safranin by dichromate", *Spectrochimica Acta*, 57, **2001**, 1833.
- 6) Ali Asghar Ensafi, Shahryar Abbasi, Hassan Rahimi Mansour, Iraje Mohammadpour Baltork, "Differebtial Puls Adsorption Stripping Voltammetric Determination of Copper with 2-Mercaptobenzimidazol at a Hanging Mercury-Drop Electrode", *Analytical Sciences* 17, **2001**, 1.
- 7) S. Abbasi, M. Esfandyarpour, M. A. Taher, A. Daneshfar, "Catalytic-Kinetic determination of trace amount of formaldehyde by the Spectrophotometric method with a 2romated-janus green system", *Spectrochimica Acta Part A*, 67, 2007, 578.
- 8) A. Daneshfar, H.S. Ghaziaskar, L. Shiri, M.H. Manafi, M. Nikorazm, S. Abbasi, "Synthesis of 2-ethylhexyl-2-ethylhexanoate catalyzed by immobilized lipase in n-hexane:A kinetic study" *Biochemical Engineering Journal*, 37, **2007**, 279.
- 9) Abbas Farmani, Shahryar Abbasi, Ali Naghipour" Probing the natural broadening of hydrogen atom spectrum based on the minimal length uncertainty", *Physics letters B*, 650, **2007**, 33.

- 10) Ali Naghipour, S. Abbasi, " synthesis and Characterization of N, N-Dimethylamino-N',N''-diarylamino Phosphine Oxides", *Asian Journal of Chemistry*, 19, **2007**, 3119.
- 11) Laleh Hossainzadeh, Shahryar Abbasi, farhad Ahmadi, " Adsorptive Cathodic Stripping Voltammetry Determination of Ultra Trace of Lead in Different real Samples", *Analytical Letters*, 40, **2007**, 2693.
- 12) Mohammad Bagher Gholivand, Ali Sohrabi, Shahryar Abbasi, " Determination of Copper by Adsorptive Stripping Voltammetry in the Presence of Calcein Blue", *Electroanalysis*, 19, **2007**, 1609.
- 13) Abbas Farmani, Shahryar Abbasi, Ali Naghipour" Erratum to: Probing the natural broadening of hydrogen atom spectrum based on the minimal length uncertainty [phys.LettB650(2007)33]", *Physics letters B*, 659, **2008**, 913.
- 14) Sh. Abbasi, A. Sohrabi, A. Naghipour, M. B. Gholivand, F. Ahmadi, " Determination of ultra trace amount of Uranium by Adsorptive Stripping Voltammetry Using L-3-(3, 4-dihydroxy phenyl) Alanine as a Selective Complexing Agent", *Analytical Letters*, 41, **2008**, 1128.
- 15) Mohammad Ali Taher, Mohammad Esfandyarpour, Shahryar Abbasi, Alireza Mohadesi, " Indirect Determination of Trace Copper by Adsorptive Stripping Voltammetry with Zincon at a Carbon Paste Electrode", *Electroanalysis*, 20, **2008**, 374.
- 16) M. B. Gholivand, S. Bahrami, S. Abbasi, A. Sohrabi, "Simultaneous Determination of Nickel and Cadmium by Adsorptive Stripping Voltammetry", *Electroanalysis*, 20, **2008**, 1367.
- 17) Shahryar Abbasi, Hossain Khani, Mohamad Bagher Gholivand, Ali Naghipour, Abbas Farmani, Freshteh Abbasi, " A kinetic method for the determination of Thiourea by its catalytic effect in micellar media", *Spectrochimica Acta Part A*, 72, **2009**, 327.
- 18) Ali Naghipour, Zahra Haji Ghasemi and Shahryar Abbasi, "Ab initio study of New Phosphino PCP pincer Ligand, ....", *Asian Journal of Chemistry*, 21, **2009**, 2573.
- 19) Shahryar Abbasi and Ali Naghipour " One Pot Mechanochemical Synthesis of Resorcinol Based Calix[4]arene and It's *ab initio* Study", *Asian Journal of Chemistry*, 21, **2009**, 4943-4946.
- 20) S. Bahrami, S. Abbasi, Y. A. Ghorbani and A. A. Miran-Beigi , " High Sensitive Determination of Trace Amount of Cobalt by Catalytic Adsorptive Stripping Voltammetry ", *Russian Journal of Electrochemistry* , 45, **2009**, 221–228.
- 21) Laleh Hosseinzadeh , Shahryar Abbasi , Hossein Khani , Zahra Khani, " Adsorptive cathodic stripping voltammetry determination of ultra trace levels of cobalt", *Transition Met Chem*, 34 ,**2009**, 425–430.
- 22) Shahryar Abbasi, Abbas Farmany, Mohammad Bagher Gholivand, Ali Naghipour, Freshteh Abbasi, Hossein Khani, " Kinetic-Spectrophotometry Method for Determination of Ultra Trace Amounts of Aluminum in Food Samples", *Food Chemistry*, 116, **2009**, 1019-1023.

- 23) Alireza Mohadesi, Laleh Hosseinzadeh, Shahryar Abbasi, Mohammad Esfanyarpour, "Cathodic Adsorptive Stripping Voltammetric Determination of Trace Amount of Uranium(VI) Based on Its Complex with Chromazorul-S", *Journal of AOAC International*, 92, 2009, 1-6.
- 24) Sh. Abbasi, M. Allahyari, Z. Taherimaslak, D. Nematollahi and F. Abbasi, "New Determination of Lead in Edible Oil and Water Samples by High Selective Adsorptive Stripping Voltammetry with SPADNS", *International Journal of ELECTROCHEMICAL SCIENCE*, 4, 2009, 602-613.
- 25) A. Farmany, S. Abbasi and A. Naghipour, "Correction to the Higher Dimensional Black Hole Entropy", *ACTA PHYSICA POLONICA A*, 114, 2008, 651.
- 26) Abbas Farmany, S. Abbasi, F.Khani, S. S. Mortazavi "Deformed time-energy uncertainty in string theory", *Chaos, Solitons and Fractals*, 42, 2009, 1097.
- 27) Abbas Farmany, Roshank Lotfekar, Shahryar Abbasi, Ali Naghipour, Amin Farmany, "Non-commutative geometry and matrix quantum mechanics" , *Chaos, Solitons and Fractals*, In Press.
- 28) Abbas Farmani, S. Abbasi, A. Naghipour, A. Nuri, N. Rahimi," Classical black-brane and non-commutative geometry", *Chaos, Solitons and Fractals*, 41, 2009, 1518.
- 29) A. Farmany, S. Abbasi, M.T. Darvishi, F. Khani, A. Naghipour," Minimal length uncertainty and generalized non-commutative geometry", *Chaos, Solitons and Fractals*, 42, 2009, 2833.
- 30) Shahryar Abbasi, Hossain Khani, Laleh Hosseinzadeh, Zhila Safari," Determination of thiourea in fruit juice by a kinetic spectrophotometric method", *Journal of Hazardous Materials*, 174, 2010, 257–262.
- 31) K. Yekdeli Kermanshahi, R. Tabaraki, H. Karimi, M. Nikorazm, S. Abbasi, " Classification of Iranin bottled waters as indicated by manufacturers labellings", *Food Chemistry*, 120, 2010, 1218–1223.
- 32) Ali Naghipour, Shahryar Abbasi, Zahra Hajighasemi, Darab Beiranvandi, Abbas Farmani," Identification of Heavy Metals from Ten Watering Campuses( Ground Waters) of Ilam – Iran", *Asian journal of Chemistry*, 22, 2010, 4117-4120.
- 33) Shahryar Abbasi, Hossein khani, Reza tabaraki, "Determination of ultra level of copper in food samples by a highly sensitive adsorptive stripping voltammetric method", *Food Chemistry*, 123, 2010, 507–512.
- 34) Shahryar Abbasi, Abbas farmany, Atosa Bahiraei, "Quantification of Sub-Nanomolar levels of Aluminum by Adsorptive Stripping Voltammetry by Using Rubenic Acid as a Selective Chelating Agent", *Electroanalysis*, 16, 2010, 1889 – 1893.
- 35) Shahryar Abbasi, Rohollah Valinezhad, Hossein khani, "A novel kinetic spectrophotometric method for the determination of ultra trace amount of cyanide",

*Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 77, 2010, 112–116.

36) Shahryar Abbasi, Abbas farmany, "Ultra-Sensitive Simultaneously Quantification of Nano- Molar level of Cd and Zn by Cathodic Adsorptive Stripping Voltammetry in some real Samples", *Electroanalysis*, 24, 2010, 2884 – 2888.

37) S. Abbasi, K. Khodarahmiana, A. farmany, "Quantification of sub-nanomolar levels of Penicillin G by differential pulse adsorptive stripping voltammetry", *Drug Testing and Analysis*, ....., 2011, ...

38) Shahryar Abbasi, Kobra Khodarahmian, Freshteh Abbasi, "Simultaneous determination of ultra trace amounts of lead and cadmium in food samples by adsorptive stripping voltammetry", *Food Chemistry*, 128, 2011, 254–257.

39) Shahryar Abbasi, Hossein Khani, Reza Sahraei, "A Highly Sensitive Adsorptive Stripping Voltammetric Method for Simultaneous Determination of Lead and Vanadium in Foodstuffs", *Food Anal. Methods*, ....., 2011, ...

40) Shahryar Abbasi, Atousa Bahiraei, Freshteh Abbasai, "A highly sensitive method for simultaneous determination of ultra trace levels of copper and cadmium in food and water samples with luminol as a chelating agent by adsorptive stripping voltammetry", *Food Chemistry*, 129 (2011) 1274–1280.

41) S. Abbasi, K. Khodarahmian, A. Farmany, "Ultra Sensitive Quantification of Thiourea at Nanomolar Level by Catalytic-Kinetic Differential Pulse Voltammetry", *Electroanalysis*, 22, 2010,

42) Laleh Hosseinzadeh, Hossein Khani, Shahryar Abbasi, " Determination of ultra trace of thiosemicarbazide by adsorptive stripping voltammetric method", *J. Iran. Chem. Res.*, 4 (2011) 177-185.

43) S. Abbasi, A. Daneshfar, S. Hamdghadareh1, A. Farmany, " Quantification of Sub-Nanomolar Levels of Gallic Acid by Adsorptive Stripping Voltammetry, *Int. J. Electrochem. Sci.*, 6 (2011) 4843 – 4852.

44) Ali Daneshfara, Masoomah Baghlani, Reza Sadeghi Sarabi, Reza Sahraei, Shahriyar Abassi, Haydar Kaviyan, Tahereh Khezeli, " Solubility of citric, malonic, and malic acids in different solvents from 303.2 to 333.2 K", *Fluid Phase Equilibria*, 313 (2011) 11–15.

45) R. Sahraei, M. Nosrati , A. Daneshfar, S. Abbasi, M.H. Majles Ara, " Facile “green” synthesis and characterization of CdSe nanoneedles: An alternative to 2 organometallic synthetic routes", *Materials Letters*, ... (2011) ....(accepted).

#### **List of Conferences I have participated in:**

1- Investigation of electrochemical behavior of SPADNS in the presence and absence of Pb, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007

- 2- Selective and sensitive adsorptive stripping voltammetric determination of Uranium, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007
- 3- Differential puls adsorptive stripping Voltammetry determination of Lead, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007
- 4- Determination of ultra trace amount of silver in real samples by catalytic kinetic Spectrophotometric method, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007
- 5- Determination of formaldehyde in real samples by catalytic kinetic spectrophotometry, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007
- 6- High sensitive determination of ultra trace amount of cobalt by catalytic adsorptive stripping Voltammetry, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007
- 7- Selective and sensitive determination of ultra trace of Lead in real samples by cathodic stripping voltammetric method, 15<sup>th</sup> Iranian seminar of anal. Chem., Feb 27- march 1, 2007
  
- 8- Cathodic adsorptive stripping voltammetric method for determination of ultra trace of uranium with chromasorul-s, 7<sup>th</sup> Biennial Electrochemistry Seminar of Iran (7BESI) Aug. 28-30, 2007
- 9- High sensitive and selective determination of trace amount of cobalt by catalytic adsorptive stripping Voltammetry, 3<sup>rd</sup> Iranian National Congress on Chemistry, May 30-31, 2007
- 10- Application of Carbidopa for determination of trace amount of lead in real samples by adsorptive stripping Voltammetry, 3<sup>rd</sup> Iranian National Congress on Chemistry, May 30-31, 2007
- 11- Easy way to synthesis of asymmetric PCP pincer ligand [C<sub>6</sub>H<sub>4</sub>-1-CH<sub>2</sub>PPh<sub>2</sub>]-3-(CH (CH<sub>3</sub>) PPh<sub>2</sub>)] and its Pd (II) derivative..., International Catalysis Conference-ICC2008
- 12- Synthesis of new two six –membered phosphinito palladium PCP pincer complex and ..., 17<sup>th</sup> EuCheMS conference on organometallic chemistry, 2007
- 13- Cathodic for Determination of ultra trace amount of copper in food samples by highly sensitive adsorptive stripping voltammetric method, 5th Biennial Electrochemistry Seminar of Iran (5BESI) May 7-8, 2009
- 14- Determination of Zinc in food samples by highly sensitive adsorptive stripping voltammetric method, 5th Biennial Electrochemistry Seminar of Iran (5BESI) May 7-8, 2009
- 15- Determination of ultra trace amounts of Penicillin by Adsorptive Stripping Voltammetry, 6th Annual Seminar of Electrochemistry of Iran, Kish International Convention Center, Iran, 9-11 October 2010

- 16- Simultaneous Determination of ultra trace amounts of lead and Cadmium by Adsorptive Stripping Voltammetry in Water and Food Samples, 6th Annual Seminar of Electrochemistry of Iran, Kish International Convention Center, Iran, 9-11 October 2010
- 17- A High Sensitive Method for Simultaneous Determination of Copper and Cadmium by Adsorptive Stripping Voltammetry, 6th Annual Seminar of Electrochemistry of Iran, Kish International Convention Center, Iran, 9-11 October 2010
- 18- Determination of Ultra Trace levels of Cr (VI) in Real Samples by Highly Sensitive Catalytic Adsorptive Stripping Voltammetry, 6th Annual Seminar of Electrochemistry of Iran, Kish International Convention Center, Iran, 9-11 October 2010
- 19- Determination of Sn in the Real Samples by Adsorptive Stripping Voltammetry, 6th Annual Seminar of Electrochemistry of Iran Kish International Convention Center, Iran, 9-11 October 2010
- 20- A Highly sensitive adsorptive stripping voltammetric method for simultaneous determination of lead and vanadium in environmental water samples, 6th Annual Seminar of Electrochemistry of Iran, Kish International Convention Center, Iran, 9-11 October 2010