



Curriculum Vitae (CV) Ebrahim Fooladi



Personal Data:

Name	Surname	Date of Birth	Nationality	Sex	Marital
<i>Ebrahim</i>	<i>Fooladi</i>	<i>6/9/1979</i>	<i>Iraanian</i>	<i>male</i>	<i>married</i>

Telephone	Fax	E-mail
+985135425387	+985135003150	e foolady2004@gmail.com

2. Educational Background: (Last One First)

Certificate	Field of	Name of Institution Attended	Date
<i>Ph.D.</i>	<i>Analytical Chemistry</i>	<i>Birjand university</i>	<i>2015</i>
<i>M.Sc.</i>	<i>Analytical Chemistry</i>	<i>Tabriz University</i>	<i>2007</i>

Title of Post-Graduate Thesis:

The spectrofluorimetric kinetics of Aldehyde oxidase by using multivariate calibration method.

Title of Doctorate Thesis:

Fabrication Aldehyde oxidase and Xanthine Oxidase biosensors based on Iron Oxide Nano-particle and inhibition studies of purines, pyrimidines and flavonoides using chemometric methods.

Teaching Experiences:

Tought the courses "*Advanced analytical chemistry*" and "*Characterization and application of analytical instrument*" for graduate students.

Tought the courses "*General chemistry 1,2* , *Analytical Chemistry 1,2* and *Instrument analytical chemistry*" for undergraduate students.

Tought the courses "*Lab General Chemistry 1,2*, *Analytical Chemistry 1,2* and *Instrument Analytical Chemistry*" for undergraduate students .

Publications Papers:

- 1- *A novel spectrophotometric method for determination of kinetic constants of aldehyde oxidase using multivariate calibration method* , Mohammad-Hossein Sorouraddin, **Ebrahim Fooladi**, Abdolhossein Naseri, Mohammad-Reza Rashidi. *Journal of Biochemical and Biophysical Methods* 70(2008)999-1005.

2- *Development of a Sensitive Spectrofluorometric-Multivariate Calibration Method for Enzyme Kinetic of Aldehyde Oxidase*, Mohammad Hossein Sorouraddin, **Ebrahim Fooladi**, Abdolhossein Naseri, Mohammad-Reza Rashidi. *Iranian journal of pharmaceutical research*, 8(2009) 169-177.

3- *A Nanocomposite/Crude Extract Enzyme based Xanthine Biosensor*. Susan Sadeghi, **Ebrahim Fooladi**, Mohammad Malekaneh. *Analytical Biochemistry*, 464(2014) 51-59.

4- *A New Amperometric Biosensor Based on Fe₃O₄/Polyaniline/Laccase/Chitosan Biocomposite-Modified Carbon Paste Electrode for Determination of Catechol in Tea Leaves*. Susan Sadeghi, **Ebrahim Fooladi**, Mohammad Malekaneh, *Applied Biochemistry and Biotechnology*, 175(2014)180-6.

5- *A New Amperometric Benzaldehyde Biosensor Based on Aldehyde Oxidase Immobilized on Fe₃O₄-GrapheneOxide/Polyvinylpyrrolidone/Polyaniline Nanocomposite*. Susan Sadeghi, **Ebrahim Fooladi**, Mohammad Malekaneh *Electroanalysis*, 27(2015) 242-252.

6- *The effect of solvents on formaldehyde adsorption performance on pristine and Pd doped on single-walled carbon nanotube using density functional theory*. Mehdi Yoosefian, Adeleh Mola, Ebrahim Fooladi, Saeid Ahmadzadeh, *Journal of Molecular Liquids*, 225(2017) 34-41.

Presented at National and International Scientific Assemblies:

Spectrofluorimetric study of enzymic kinetic aldehyde oxidase by multivariate calibration methods. 14th Iranian Seminar of Analytical Chemistry 2005 (**Oral**).

Molecular recognition of β-cyclodextrin to chiral amino acids based on phenolphthalein as a molecular probe. 14th Iranian Seminar of Analytical Chemistry 2005 (**Poster**).

Spectrophotometric Determination of selenium(IV) as its Dithizonate Complex after Preconcentration with Cloud Point Extraction. 14th Iranian Seminar of Analytical Chemistry 2005 (**Poster**).

Spectrofluorometric Determination of Aluminum as its Morin Complex in the Presence of Triton X 100. 14th Iranian Seminar of Analytical Chemistry 2005 (**Poster**).

Analytical Chip Fabrication Made Simple. 14th Iranian Seminar of Analytical Chemistry 2005 (**Poster**).

Spectrophotometric Determination of Selenium(IV) as its Dithizonate Complex after Preconcentration with Cloud Point Extraction. International Conference on Instrumental Methods of Analysis – Modern Trends and Applications 2005 (**Poster**).

Analytical Chip Fabrication Made Simple. Methods of Analysis – Modern Trends and Applications 2005 (**Poster**).

Amperometric Xanthine Oxidase biosensors based on one step electrodeposition of Fe₃O₄-polyaniline core-shell/pt/chitosan nanocomposite modified carbon past electrode. 19th Iranian Seminar of Analytical Chemistry, 2013 (**Poster**).

A novel laccase biosensor based on Fe₃O₄-polyanilin core-shell/chitosan-laccase oxidize biocomposite, 19th Iranian Seminar of Analytical Chemistry, 2013 (Oral)

A New Amperometric Benzaldehyde Biosensor Based on Aldehyde Oxidase Immobilized on Fe₃O₄-GrapheneOxide/Polyvinylpyrrolidone/Polyaniline Nanocomposite.15th International Conference on Electroanalysis (ESEAC) ,2014, sweden (poster)

Research Projects

Current Research projects

Fabrication of Laccase enzymatic biosensor based on Fe₃O₄/Graphen Oxide/Chitosan nanocomposite for determination of tartrazine (TZ) in soft drinks.

Membership to Scientific Associations:

Iranian chemical society.

Iranin Naotechnology Initiative Council

Research Interests

Detection of chemical and biological contaminate in food samples using biosensor.

Application of nanosensor in smart food packaging

Synthesis of Nanocomposites and Nanobiocomposites

Application of chemometric method in food quality control.