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Department of Medicinal Chemistry
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EDUCATION

Ph.D. in Analytical Chemistry, Faculty of Science, Urmia University 2006-2011

Thesis Title: Nem microextraction method at microliter level for determination of organic compound in liquid and solid sample

EMPLOYMENT

Assistant Professor, School of Pharmacy, Urmia University of Medical sciences, Urmia ,Iran

TEACHING EXPERIENCES

General Chemistry (theoretical and experimental)
Analytical Chemistry (theoretical and experimental)
Instrumental Analysis (theoretical and experimental)
Electrochemistry
Chromatography

PUBLICATIONS

Rice bran as an excellent sorbent for heavy metals from aqueous media, 2. Determination of related parameters. 2003 Journal of the Chemical Society

Rice bran as an excellent sorbent for heavy metals from aqueous media, 1. Optimization of conditions. 2003 Journal of the Chemical Society

Liquid-gas-liquid microextraction as a simple technique for the extraction of 2,4-di-tert-butyl phenol from aqueous samples. 2007 Chromatographia

Optimization of dispersive liquid-liquid microextraction of irganox 1010 and irgafos 168 from polyolefins before liquid chromatographic analysis. 2009 Chromatographia

Optimization of dispersive liquid-liquid microextraction of Co(II) and Fe(III) as their oxinate chelates and analysis by HPLC: Application for the simultaneous determination of Co(II) and Fe(III) in water samples. 2009 Journal of Separation Science

Central composite design applied to optimization of dispersive liquid-liquid microextraction of Cu(II) and Zn(II) in water followed by high performance liquid chromatography determination. 2010 Clean - Soil, Air, Water

Dispersive liquid-liquid microextraction for the analysis of three organophosphorus pesticides in real samples by high performance liquid chromatography-ultraviolet detection and its optimization by experimental design. 2011 Microchimica Acta

Optimization of dispersive liquid-liquid microextraction followed by flame atomic absorption determination of Cu(II), Ni(II) and Co(II) based on the complexation reaction with phenathrene 9,10- dine dioxime (PD). 2013 Journal of Biomedical and Pharmaceutical Research

Optimization of dispersive liquid-liquid microextraction followed by HPLC-DAD determination of Cr(III) and Co(II) based on the complexation reaction with morpholin-4 carodithioate. 2014 Journal of Chemical, Biological and Physical Sciences

HPLC Measurement of MDMA Content in Ecstasy Tablets Available in the Black Market of West Azerbaijan Province, Northwestern Iran. 2014 Journal of Medical Toxicology

Synthesis of a molecularly imprinted polymer for the selective recognition of carmoisine (Azorubin E122) from pomegranate juice. 2016 Article in Press, Journal of Separation Science.

ارائه روش معتبرسازی اندازه‌گیری اسیدفولیک در آرد و نان غنی‌شده به روش کروماتوگرافی مایع با کارایی بالا (HPLC) با به‌کارگیری دتکتور فلورسانس. 1393 مجله پزشکی ارومیه

اندازه‌گیری و مقایسه مقدار اسید فولیک در آردهای غنی شده و نان به روش کروماتوگرافی مایع با کارایی بالا (HPLC) در شهر ارومیه، ص 187-197، خرداد 1395، مجله پزشکی ارومیه

سنتز نانو پلیمر قالب مولکولی سطحی جاذب کلسترول برپایه ذرات آهن مغناطیسی- سیلیس و بررسی ویژگیهای عملکردی، ص 231-239، خرداد 1395، مجله پزشکی ارومیه

بررسی کاربرد مولکول نگاری پلیمری در استخراج انتخابی تارتاریک اسید، در حال چاپ، 1395، مجله علوم و صنایع غذایی تربیت مدرس

CONFERENCES

- 1 - دهمین سمینار شیمی تجزیه، صنعتی شریف، مطالعه کارایی سبوس برنج در حذف کاتیون های فلزات سنگین
- 2 - کاربرد پلیمرهای قالب مولکولی در شناسایی و پالایش انواع آلاینده های زیست محیطی شیر خام

3- Determination of copper(II) in water samples using preconcentration dispersive liquid-liquid microextraction whit flame atomic absorption spectrometry (FAAS), 17th seminar of Analytical Chemistry

4- Optimization of dispersive liquid-liquid microextraction followed by flame atomic absorption determination of Cu (II), Ni (II) and Co (II) based on the complexation reaction with phenathrene-9, 10-dine dioxime (PD), 17th seminar of Analytical Chemistry

5- Polyaniline –MWCNT composite based fiber for headspace solid-phase microextraction of alkane samples. 19th seminar of Analytical Chemistry

6- Determination of valproic acid in human by headspace solid-phase microextraction-GC method. 19th seminar of Analytical Chemistry

7- Central composite design for optimization of dispersive liquid-liquid microextraction followed by HPLC-DAD determination of Cr and Co based on the complexation reaction with MDTC. 19th seminar of Analytical Chemistry

8- Headspace solid-phase microextraction of alkanes from aqueous media by electrochemically deposited carbon nanotube/polypyrrole composite on a tungsten fiber. 19th seminar of Analytical Chemistry

9- Response Surface Method for Simultaneous Optimization of Various Experimental Parameters in Cloud Point Extraction and Determination of Cd(II), Cr(III), Fe(II) and Ni(II) in Water Samples by Flame Atomic Absorption Spectrometry. 2th Seminar of chemometrics

10- Experimental Design for the Optimization of Cloud Point Extraction and Determination of Co(II), Cu(II) and Ag(I) by Flame Atomic Absorption Spectrophotometry

11-Optimization of Dispersive Liquid-Liquid Microextraction Followed by Flame Atomic Absorption Determination of Cu(II), Zn(II) and Cd(II) Based on the Complexation Reaction With 2,3,3-Trimethyl-3H-Pyrrolo (3,2-h) Quinoline by Experimental Design. 2th Seminar of chemometrics

12- Central Composite Design and Response Surface Methodology for the Optimization of Dispersive Liquid-Liquid. 2th Seminar of chemometrics

Microextraction and Analysis of Organophosphorus Pesticides by High-Performance Liquid Chromatography. 2th Seminar of chemometrics

13- Application of Experimental Design Methodology in Optimization and Determination of Trace Amount of Nitrite Using Dispersive Liquid-Liquid Microextraction Followed by Spectrophotometric Detection. 2th Seminar of chemometrics

14- Determination of MDMA in Illicit Ecstasy Tablets Seized in Iran, 12th congress of Toxicology

15- A novel method for determination of folic acid in fortified wheat flours and breads by High Performance Liquid Chromatography (HPLC). 1st Tabriz International Life Science Conference & 12th Iran Biophysical Chemistry Conference

16- Determination of residual pesticide diazinon, chlorpyrifos, cypermethrin in tomatoes and cucumbers in the market supply of urmia with dispersive liquid liquid microextraction. 13th congress of Toxicology

17- Synthesis of nano-sized diazinon-imprinted polymer and its application to the measurement of pesticide residues in agricultural products. 13th congress of Toxicology

18- Determination of residual abamectin in citrus fruits in the market supply of urmia with dispersive liquid liquid microextraction and HPLC–UV detection. 13th congress of Toxicology

19- Determination of patulin mycotoxin in apple, grape and peache produced in West Azerbaijan by using HPLC. 13th congress of Toxicology

20- Preparation of molecularly imprinted polymer for tartaric acid detection. 1st congress of chemical biotechnology

21- Fabrication and characterization of cholesterol molecularly imprinted polymer based on Fe₃O₄@SiO₂ nanoparticle by sol-gel method. 1st congress of chemical biotechnology

22- بررسی کاربرد مولکول نگاری پلیمری در استخراج انتخابی رنگ سنتزی کارموزین از آب انار، اولین کنگره بین المللی و بیست و چهارمین کنگره ملی علوم و صنایع غذایی ایران، مهرماه 95 دانشگاه تربیت مدرس.