

CURRICULUM VITA

Personal Information:

Name: Mahnaz Qomi

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Nationality: Iranian

Educational Qualifications

2004-2009: Ph.D. in Analytical chemistry, Islamic Azad University of Sciences and research Branch, Tehran, Iran.

Supervisor: Prof. Mohammad Reza Ganjali

2002-2004: Master of Science in Analytical chemistry, Islamic Azad University of North Tehran, Branch, Tehran, Iran.

Supervisor: Prof. Mohammad Reza Ganjali

1995-2000: B.Sc. in Applied chemistry, Islamic Azad University of North Tehran Unit, Tehran, Iran.

Professional Experience

2015-present: Dean of Faculty of Pharmaceutical Chemistry Tehran Medical Sciences Islamic Azad University

2015- present: Head Of Pharmaceutical Research Center Azad University of Pharmaceutical Sciences, Tehran, Iran.

2009-present: Assistant Professor, department of Medicinal Chemistry, Azad University of Pharmaceutical Sciences, Tehran, Iran.

2009-present: Responsible Manager of Food and Drug Organization in cooperation of cosmetic companies

2009-2013: Research Manager, Pharmaceutical Research Center, Azad University of Pharmaceutical Sciences, Tehran, Iran.

2008-2012: Director Manager of Armaghansabz Company (manufacturer of biodegradable of single use container)

2004-2009: Mentor, department of Medicinal Chemistry, Azad University of Pharmaceutical Sciences, Tehran, Iran.

2003-2007: Expert of cosmetic, food and drug organization, ministry of Health, Tehran, Iran

Teaching experience:

- **Teaching:**

- ✓ Azad University of Pharmaceutical science, Graduated chemistry, toxicology and pharmacy Courses including, fundamental and instrumental analytical chemistry, advanced analytical chemistry

- **Laboratory Instructor:**

- ✓ Head & Member of Pharmaceutical Research Center, Azad University of Pharmaceutical science
- ✓ Laboratory of Analytical chemistry I, II and instrumental analytical chemistry and advanced analytical chemistry.

Publications:

1- Selective Method for Determination and Microextraction of Imatinib at Trace Levels: A Possible Dose Monitoring Technique in Cancer Patients, [Current Analytical Chemistry](#), Volume 14, Number 5, October 2018, pp. 495-503(9)

2-Preparation, characterization and evaluation of Ginkgo biloba solid lipid nanoparticles, *Nanomedicine research journal*, Article 3, [Volume 3, Issue 2](#), Spring 2018, Page 71-78

3- Multivariate optimization of solvent bar microextraction combined with HPLC-UV for determination of trace amounts of vincristine in biological fluids, [Journal of Chromatography B](#) Volume 1072, 1 January 2018, Pages 397-404

4- Prediction of rizatriptan trace level in biological samples: An application of the adaptive-network-based fuzzy inference system (ANFIS) in assisting drug dose monitoring, [Journal of Liquid Chromatography & Related Technologies](#)

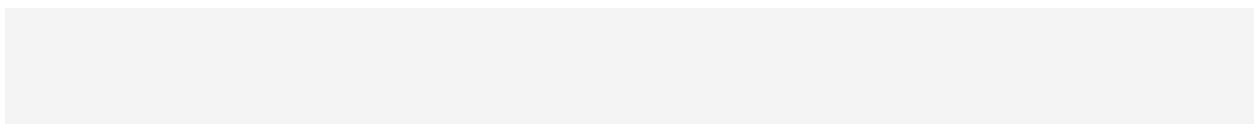
Volume 41, 2018 - [Issue 3](#)

5- Optimization of Extraction and Pre-Concentration of Rizatriptan in Biological Samples Using Solvent Bar and Chemometrics Design, : [Current Pharmaceutical Analysis](#), Volume 14, Number 5, September 2018, pp. 450-460(11)

6- Microextraction and Determination of Diclofenac in Biological Samples using Hollow Fiber Liquid Phase Microextraction Technique Coupled with HPLC-UV,

Journal of Applied Chemical Research, 12, 1, 16-25 (2018)

7- Preconcentration and Determination of Cabergoline Using the Green Practical Solvent Bar Liquid Phase Microextraction Technique in Biological Fluids, [Current Pharmaceutical Analysis](#), Volume 14, Number 5, September 2018, pp. 437-442(6)



8- Aerobic oxidation of benzyl alcohols through biosynthesized Palladium nanoparticles mediated by Oak fruit bark extract as an efficient heterogeneous nanocatalyst
Tetrahedron Letters, 2017.

9- Extraction, Preconcentration and Determination of Methylphenidate in Urine Sample using Solvent Bar Microextraction in Combination with HPLC-UV: Optimization by Experimental Design, Journal of Liquid Chromatography & Related Technologies, 2017.

10- Selective Method for Determination and Microextraction of Imatinib at Trace Levels; A Possible Dose Monitoring Technique in Cancer Patients
Current Analytical Chemistry, 2017.

11- Preconcentration and Determination of Solifenacin Using Hollow Fiber Microextraction Coupled with HPLC, Current Analytical Chemistry, 2016.

12- Three-Phase Hollow fiber Liquid-Phase Micro Extraction for Determination and Analysis of Terazosin in Biological Fluids via High Performance Liquid Chromatography at Trace Levels, ·
Current Analytical Chemistry, 2015.

13- Mutagenicity Assessment of Drinking Water in Combination with Flavored Black Tea Bags: a Cross Sectional Study in Tehran, Asian Pacific journal of cancer, 2015.

14- HOLLOW fiber microextraction combined with HPLC for determination of sitagliptin in urine samples, Journal of the Serbian Chemical Society, 2015.

15- preconcentration and determination of cyproheptadine by liquid phase microextraction and solvent bar in biological fluids in trace level, biosciences , biotechnology research asia, 2015.

16- Determination of Trace Amounts of Risperidone in Human Urine Sample by Hollow Fiber Liquid-Phase Microextraction Combined with High Performance Liquid Chromatography, biosciences , biotechnology research asia, 2015.

17- Determination of Trace Amounts of Methamphetamine in Biological Samples by Hollow Fiber Liquid-phase Microextraction Followed by High Performance Liquid Chromatography, 2015.

18- Comparative Perspective to the Chemical Composition of imported Rice: Association of Cooking Method, Biomedical & Pharmacology Journal, 2015.

19- Heavy metals (lead and cadmium) in some medicinal herbal products in iranian markets, iranian journal of toxicology, 2014.

- 20-** Hollow fiber liquid-phase microextraction followed by high performance liquid chromatography for the determination of trace amounts of methylphenidate hydrochloride in biological fluids, biomedical & pharmacology journal, 2014.
- 21-** preconcentration and determination of cyproheptadine in biological samples by hollow fiber liquid phase microextraction coupled with high performance liquid chromatography, International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, 2014.
- 22-** HOLLOW FIBER LIQUID PHASE MICROEXTRACTION COMBINED WITH HIGH PERFORMANCE LIQUID CHROMATOGRAPHY FOR PRECONCENTRATION AND DETERMINATION OF CABERGOLINE IN BIOLOGICAL SAMPLES, Journal of chromatography and related technique, 2013.
- 23-** Hollow fiber liquid phase microextraction combined with high performance liquid chromatography for extraction and determination of digoxin in plasma samples, Journal of pharmaceutical chemistry, 2013.
- 24-** Risk Assessment of Heavy Metal Contents (Lead and Cadmium) in Lipstick in Iran International Journal of Chemical ENGINEERING AND Application, 2012, Vol. 3. No. 6.(452-452)
- 25-** Potentiometric Determination of Alprazolam based on Carbon Paste and PVC membrane Electrodes International Journal of Electrochemical Science, 2012.
- 26-** Monitoring of Anti-Cancer Drug Letrozole by Fast Fourier Transform Continuous Cyclic Voltammetry at Gold Microelectrode Chinese journal of chemistry, 2010.
- 27-** Determination of Anti Colon Cancer Drug, Irinotecan by Fast Fourier Transform Continuous Cyclic Voltammetry International Journal of Electrochemical Science, 2009.
- 28-** Non-electro active recognition: pico-level monitoring of tamoxifen by its sub-second adsorption at Au Microelectrode by Fast Fourier Transforms Continuous Cyclic Volta metric technique (FFTCV) Journal of science university of Tehran, Section: chemistry, 2007.
- 29-** Charge-transfer complex between iodine and new Schiff's base as anion-carrier in construction of a highly selective triiodide PVC-based membrane electrode, Canadian Journal of Analytical Sciences and spectroscopy, 2006.
- 30-** Highly selective and sensitive monohydrogen phosphate membrane sensor based on molybdenum acetylacetonate ,Analytical Chemica Acta, 2006.
- 31-** Novel lanthanum (III) membrane sensor based on a new N-S Schiff's base, Journal of sensor and actuator, 2004.

Research Interests:

I like working in separation and speciation of different species in Medicinal, environmental and biological samples by different separation and extraction technique and using liquid chromatography mass spectroscopy. Also I like continue studying about application of supercritical fluid for oils encapsulation and production of drug and herbs. I would like to synthesis of nano medicine forms.

Work interests:

I am interested in establish a department for R&D, Producing or inporting some HighTech drugs and cosmetics for example nano medicine, biomedicine & nanocosmetics & higenics.