



PERSONAL INFORMATION:

Full Name: *Mina Salary*

Nationality: *Iranian*

Academic Level: *Assistant Professor of Analytical Chemistry*

Cell:

E-mail: mina.salary@gau.ac.ir

EDUCATION:

Ph.D: Chromatography Research Laboratory of **Prof. M.R. Hadjmohammadi**, Department of Analytical Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran. Sep 2010- January 2016.

M.Sc.Degree: Chromatography Research Laboratory of **Prof. M.R. Hadjmohammadi**, Department of Analytical Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran. Sep 2006-Aug 2009.

B.Sc. Degree: University of Mazandaran, Babolsar, Iran, Pure Chemistry, Sep 2001-June 2005.

RESEARCH INTEREST:

Separation Techniques of Complex Mixtures using RP-HPLC

Micellar liquid chromatography

QRAR

Novel extraction methods in real sample analysis

PUBLICATION:

- 1- M.R. Hadjmohammadi, [M. Salary](#), Biopartitioning micellar chromatography with sodium dodecyl sulfate as a pseudo α 1-acid glycoprotein to the prediction of protein-drug binding, *Journal of Chromatography B* 912 (2013) 50– 55.
- 2- [M. Salary](#), P. Ebrahimi, M.R. Hadjmohammadi, SDS Based Biomembrane Mimetic Chromatography for Prediction of the Human Drug Transport as an in vitro Technique, *Chromatographia* 76 (2013) 757–765.

- 3- M.R. Hadjmohammadi, M. Salary, P. Biparva, Removal of Cr (VI) from aqueous solution using pine needles powder as a Biosorbent, *Journal of Applied Sciences in Environmental Sanitation*, 6 (1) (2011) 1-13.
- 4- M. Salary, M.R. Hadjmohammadi, Human serum albumin-mimetic chromatography based hexadecyltrimethylammonium bromide as a novel direct probe for protein binding of acidic drugs, *Journal of Pharmaceutical and Biomedical Analysis* 114 (2015) 1–7.
- 5- M. Salary, M.R. Hadjmohammadi, Green mixed micellar liquid chromatography as a toxicity screening method of psychotropic drugs, *J IRAN CHEM SOC* 12 (2015) 1399–1404.
- 6- M.R. Hadjmohammadi, M. Salary, Application of Sigmoidal Transformation Functions in Optimization of Micellar Liquid Chromatographic Separation of Six Quinolone Antibiotics, *Journal of Chromatographic Science*, 2015, 1–7
doi: 10.1093/chromsci/bmv164
- 7- Kh. Didehban, E. Vessally, M. Salary, L. Edjlali, M. Babazadeh, Synthesis of a variety of key medicinal heterocyclic compounds via chemical fixation of CO₂ onto o-alkynylaniline derivatives, *Journal of CO₂ Utilization*, 23 (2018) 42-50. DOI: 10.1016/j.jcou.2017.10.025
- 8- A. Hosseini, M. Salary, S. Arshadi, E. Vessally, L. Edjlali, The interaction of phosgene gas with different BN nanocones: DFT studies, *Solid State Communications*, 269 (2018) 23-27. doi.org/10.1016/j.ssc.2017.10.011

ACADEMIC TEACHING EXPERIENCE:

- 1) Teaching '*Principles of Instrumental Analysis*, Douglas A. Skoog, James J. Leary' in Payam Noor University of Behshahr, 2012 - 2015
- 2) Teaching '*Chemistry*, Charles E. Mortimer' in Gonbad Kavous University, 2011.
- 3) Teaching '*Advanced Analytical Chemistry*' for MS Students in Payam Noor University of Behshahr, 2012 -2015.
- 4) Teaching "*Analytical Chemistry*" in Gorgan University of Agricultural Sciences and Natural Resources, 2013 up to now.

LANGUAGES: English