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Academic qualifications:

Pharm. D: 1997, from Tehran University of Medical Sciences, Tehran, Iran

PhD: 2003, in Food Chemistry and Medical Hydrology, from Tehran University of Medical Sciences, Tehran, Iran

Post-Doc: 2003, in Food Chemistry and Medical Hydrology, from Kyoto University, Kyoto, Japan

Positions held:

1997-2003: Instructor in Food Chemistry and Medical Hydrology, Tehran University of Medical Sciences, Tehran, Iran

2003- 2008: Assistant professor of Food Chemistry and Medical Hydrology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz-IRAN.

2008-2012: Associate professor of Food Chemistry and Medical Hydrology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz-IRAN.

2012-present: professor of Food Chemistry and Medical Hydrology, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz-IRAN.

Research experiences:

1. Nutritional value of Food samples
2. Quality control of Bottled mineral waters
3. Assessment of effect of natural mineral waters on patients with renal stones
4. Drug residue in food samples
5. Extraction and analysis of Nutraceuticals in Food samples
6. Determination of Mycotoxins, PAHs, Food contact materials in Food samples

Current Research:

Food analysis & Control (Nutritional value, additives, contaminants, adulteration)

Nutraceuticals & Functional Foods (analysis)

Mineral waters & Hydrotherapy (Therapeutic effects of mineral waters)

Teaching experiences:

Bromatology (Food Science)

Nutrition and Diet therapy

Food Analysis & Control

Enzyme Chemistry and Food Applications

Nutraceuticals and Functional Foods

Food Toxicology

Hydrology and Hydrotherapy

Books:

Contributing in publication of the book entitled: *Food and Drug Interactions*, In Persian, ISBN 964-6022-64-2.

Publications:

1)

1) Mohebbi, A., Afshar Mogaddam, M.R., Ali Farajzadeh, M., Nemati, M., Preparation of magnetized polycaprolactone composite and its use in stirring-dependent magnetic dispersive solid phase extraction combined with dispersive liquid-liquid microextraction, *Microchemical Journal*, 2020,159,105375.

2) Nemati, M., Ali Farajzadeh, M., Mohebbi, A., Sehatkhah, M.R., Afshar Mogaddam, M.R., Simultaneous application of deep eutectic solvent as extraction solvent and ion-pair agent in liquid phase microextraction for the extraction of biogenic amines from tuna fish samples, *Microchemical Journal*, 2020, 159,105496.

3) Afshar Mogaddam, M.R., Farajzadeh, M.A., Azadmard Damirchi, S., Nemati, M., Dispersive solid phase extraction combined with solidification of floating organic drop-liquid-liquid microextraction using in situ formation of deep eutectic solvent for extraction of phytosterols from edible oil samples, *Journal of Chromatography A*, 2020, 1630,461523.

4) Saei, A., Javadi, A., Mogaddam, M.R.A., Mirzaei, H., Nemati, M., Development of homogeneous liquid-liquid extraction combined with dispersive liquid-liquid microextraction based on solidification of floating droplets of a ternary component deep eutectic solvent for the analysis of antibiotic residues in sausage samples prior to ion mobility spectrometry, *Analytical Methods*, 2020, 12(34), pp. 4220-4228.

5) Mardani, A., Afshar Mogaddam, M.R., Farajzadeh, M.A., (...), Nemati, M., Torbati, M., A three-phase solvent extraction system combined with deep eutectic solvent-based dispersive liquid-liquid microextraction for extraction of some organochlorine pesticides in cocoa samples prior to gas chromatography with electron capture detection, *Journal of Separation Science*, 2020, 43(18), pp. 3674-3682.

6) Safavizadeh, V., Shayanfar, A., Ansarin, M., Nemati, M., Assessment of the alternaria mycotoxin tenuazonic acid in fruit juice samples, *Journal of Microbiology, Biotechnology and Food Sciences*, 2020, 9(6), pp. 1162-1165.

7) Mogaddam, M.R.A., Farajzadeh, M.A., Nemati, M., Mohebbi, A., Khodadadeian, F., Simultaneous homogeneous liquid-liquid microextraction and dispersive liquid-liquid microextraction for extraction of some plasticizers from polymeric containers and aqueous samples, *International Journal of Environmental Analytical Chemistry*, 2020

8) Mogaddam, M.R.A., Derakhshani, M., Farajzadeh, M.A., Nemati, M., Lotfipour, F., Application of a modified lighter than water organic solvent-based air-assisted liquid-liquid microextraction method for the efficient extraction of aflatoxin M1 in unpasteurized milk samples, *International Journal of Environmental Analytical Chemistry*, 2020

9) Shahi, M., Javadi, A., Mogaddam, M.R.A., Mirzaei, H., Nemati, M., Extraction of some antibiotics from propolis samples using homogenous liquid-liquid extraction coupled with deep eutectic solvent-based hollow fibre protected preconcentration, *International Journal of Environmental Analytical Chemistry*, 2020

10) Monajemzadeh, F., Mohebbi, A., Farajzadeh, M.A., Nemati, M., Afshar Mogaddam, M.R., Dispersive solid phase extraction combined with in syringe deep eutectic solvent based dispersive liquid-liquid microextraction for determination of some pesticides and their metabolite in egg samples, *Journal of Food Composition and Analysis*, 2020, 103696.

11) Shahi, M., Javadi, A., Afshar Mogaddam, M.R., Mirzaei, H., Nemati, M., Preparation of multiwall carbon nanotube/urea-formaldehyde nanocomposite as a new sorbent in solid-phase extraction and its combination with deep eutectic solvent-based dispersive liquid-liquid microextraction for extraction of antibiotic residues in honey, *Journal of Separation Science*, 2020

12) Mogaddam, M.R.A., Mohebbi, A., Farajzadeh, M.A., Nemati, M., Endocrine-disrupting compounds surveying in polyethylene packed injection solutions using microwave-accelerated air-assisted liquid-liquid microextraction based on solidification of deep eutectic solvent, *Separation Science and Technology (Philadelphia)*, 2020, pp. 1-10.

13) Mohebbi, A., Farajzadeh, M.A., Nemati, M., Mogaddam, M.R.A., Development of a stirring–assisted ferrofluid–based liquid phase microextraction method coupled with dispersive liquid–liquid microextraction for the extraction of some widely used pesticides from herbal distillates, *International Journal of Environmental Analytical Chemistry*, 2020, 100(): 1-14.

14) Afshar Mogaddam, M.R., Farajzadeh, M.A., Mohebbi, A., Nemati, M., Hollow fiber–liquid phase microextraction method based on a new deep eutectic solvent for extraction and derivatization of some phenolic compounds in beverage samples packed in plastics, *Talanta*, 2020, 216, 120986.

15) Jouyban, A., Farajzadeh, M.A., Nemati, M., Alizadeh Nabil, A.A., Afshar Mogaddam, M.R., Preparation of ferrofluid from toner powder and deep eutectic solvent used in air-assisted liquid-liquid microextraction: Application in analysis of sixteen polycyclic aromatic hydrocarbons in urine and saliva samples of tobacco smokers, *Microchemical Journal*, 2020, 154, 104631.

16) Jouyban, A., Farajzadeh, M.A., Afshar Mogaddam, M.R., Nemati, M., Alizadeh Nabil, A.A., Ferrofluid-based dispersive liquid-liquid microextraction using a deep eutectic solvent as a support: Applications in the analysis of polycyclic aromatic hydrocarbons in grilled meats, *Analytical Methods*, 2020, 12(11), pp. 1522-1531.

17) Nemati, M., Farajzadeh, M.A., Mohebbi, A., Khodadadeian, F., Afshar Mogaddam, M.R., Development of a stir bar sorptive extraction method coupled to solidification of floating droplets dispersive liquid–liquid microextraction based on deep eutectic solvents for the extraction of acidic pesticides from tomato samples, *Journal of Separation Science*, 2020, 43(6), pp. 1119-1127.

18) Ghobadloo, P.A., Hamidi, S., Nemati, M., Jahed, F.S., Ultrasound assisted dispersive solid phase microextraction of thymol and carvacrol in pharmaceutical products using graphene oxide as an adsorbent prior to analysis by high performance liquid chromatography, *Current Pharmaceutical Analysis*, 2020, 16(5), pp. 578-584.

19) Mogaddam, M.R.A., Farajzadeh, M.A., Mohebbi, A., Nemati, M., Stir bar sorptive extraction combined with deep eutectic solvent-based dispersive liquid–liquid microextraction: application in simultaneous derivatisation and extraction of acidic pesticides, *International Journal of Environmental Analytical Chemistry*, 2020,

20) Baygan, A., Mogaddam, M.R.A., Lotfipour, F., Nemati, M., Evaluation of heavy metals (Cd, Cr, Hg, Ni, As, and Pb) concentration in salt samples of Lake Urmia, Iran, *International Journal of Environmental Analytical Chemistry*, 2020,

21) Saei, A., Javadi, A., Mogaddam, M.R.A., Mirzaei, H., Nemati, M., Determination of three antibiotic residues in hamburger and cow liver samples using deep eutectic solvents based pretreatment method coupled with ion mobility spectrometry, *International Journal of Environmental Analytical Chemistry*, 2020,

22) Mogaddam, M.R.A., Farajzadeh, M.A., Khodadadeian, F., Nemati, M., Mohebbi, A., Development of simultaneously salt and ultrasonic-assisted liquid phase microextraction for the extraction of neonicotinoid insecticides from fresh fruit juices and fruit juices, *International Journal of Environmental Analytical Chemistry*, 2020,

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24) Farajzadeh, M.A., Mohebbi, A., Pazhohan, A., **Nemati, M.**, Afshar Mogaddam, M.R., Air-assisted liquid-liquid microextraction; principles and applications with analytical instruments, *TrAC - Trends in Analytical Chemistry*, 2020, 122,115734.

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