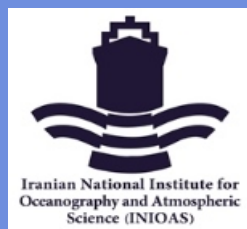


Curriculum Vitae

Dr. Hamid Ershadifar

Assistant Professor in **Analytical Chemistry**

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Academic Background

- Ph.D in Analytical Chemistry, Shiraz University, Shiraz, Iran (2009- 2015)
- M.Sc in Analytical Chemistry, Shiraz University , Shiraz, Iran (2006- 2009)
- B.Sc in Pure Chemistry, Lorestan University (2002- 2006)

Positions & Work Experiences & Memberships

- Faculty Member, Faculty of Marine Science, Iranian National Institute for Oceanography and Atmospheric Science
- Memberships in Iranian Chemical Society

Teaching Experiences

- Shiraz University, Shiraz, 2009-2015
Courses: Analytical Chemistry; General chemistry; Analytical Chemistry Lab
- Isalic Azad University, Darab branch, 2010-2012
Courses: Analytical Chemistry and related laboratories (Classical, Electrochemical and Instrumental); Industrial Electrochemistry
- Pars educational institute of Mohr, Fars, 2012– 2016
Courses: Analytical Chemistry and related laboratories (Classical, Electrochemical and Instrumental); Industrial Electrochemistry ; Material science, corrosion of metals; Water and wastewater treatment

Research Activities

Research Interest

- Electrochemical and spectrochemical sensor and biosensors
- Surface modified magnetic nanocomposites in separation methods
- Microextraction methods in preconcentration and analysis of marine pollutant
- Chemical Oceanography
- Analysis of nutrient in relation with marine organism

- A. Safavi, N. Maleki, **H. Ershadifar**, F. Tajabadi, “Development of a sensitive and selective Riboflavin sensor based on carbon ionic liquid electrode”. *Analytica Chimica Acta*, 674 (2010) 176-181.
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- M. Akhond, G. Absalan, Y. Khoshnoodi-Ghasroddashti, **H. Ershadifar**, “Reflection scanometry as a new detection technique in temperature-controlled ionic liquid-based dispersive liquid phase microextraction”, *Anal. Methods*, 8 (2016) 111-118.
- M. Akhond, G. Absalan, A. Tafakori, **H. Ershadifar**, “Simultaneous Determination of Thiocyanate and Oxalate in Urine using a Carbon Ionic Liquid Electrode Modified with TiO₂-Fe Nanoparticles”, *Anal. Bioanal. Chem. Res.* 3 (2016) 73-86.

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2009; Buali Sina university, Hamadan, Iran .

- **H. Ershadifar**, A. Safavi, “Electrocatalytic Oxidation of Ethanol on Carbon Ionic Liquid Electrode Modified with Electrodeposited Nickel Nanoparticles”, 3rd International Congress on Nanoscience and Nanotechnology; 9-11 November 2010, Shiraz University, Shiraz, Iran.
- M. Akhond, G. Absalan, **H. Ershadifar**, “Noncovalent Functionalization of Carbon Nanotubes with Ionic Liquid-capped Gold Nanoparticles and Its Electrochemical Characterization as Thin Film on Glassy Carbon Electrode”, The 21th Iranian Analytical Chemistry conference.
- **H. Ershadifar**, G. Absalan, M. Akhond, “Preparation of Hydrogel-Magnetic Hybrid Nanocomposite for non-Competitive Removal of Toxic Metals from Environmental Aqueous Solutions”, Asian Nano Forum Conference 8-11 March 2015, Kish Islad, Iran.