

Curriculum vitae

Name: Pourya Biparva
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Date of birth: 1978
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Education: PhD, Analytical Chemistry in Mazandaran University
Thesis title: Application multi walled carbon nanotubes and micellar nanoparticles for extraction of environmental pollutants and their determination by different Analytical methods

Supervisor:

Mohammad reza hadjmohammadi

Teaching

- Analytical chemistry (I &II)
- General chemistry
- Organic chemistry (I&II)
- Biochemistry
- Instrumental analysis
- Photochemistry
- Phytochemistry
- health & safety in laboratory (chemical nanotechnology and nuclear)
- Medicinal chemistry
- Medicinal and industrial plant phytochemistry
- Biophysics and biochemistry techniques

Technical Skills:

- Familiarity with some device such as:
- Atomic absorption spectroscopy & flame photometer,
- ICP (Inductively coupled plasma),
- Spectrophotometer (UV-Vis),
- Protein electrophoresis,
- Gas chromatography (GC/Mass; GC/FID-TCD-ECD),
- liquid chromatography (HPLC),
- Ion chromatography,
- Fluorescence spectroscopy,
- Fourier transform infrared spectroscopy (FT-IR),
- CHNSO Analyzer,
- Burner–Emmett–teller (BET),
- Electron microscopy (SEM-FESEM-AFM).
- Familiarity with some computer software such as clone manager software, Statistical Software.

Research Interests:

- Separation and purification methods,
- Instrumental analysis,
- Chromatography,
- Nanochemistry,
- Environmental management,
- Bioremediation,
- Pharmacology,
- Separation and purification of secondary metabolites,
- Modern technique in microextraction,
- Wastewater treatment,
- Chemical applications in industries,
- Chemistry uses in medical technology,
- Detection of environmental pollutions (pesticides, Heavy metal, dyes etc...).