

## CURRICULUM VITAE

### I. PERSONAL INFORMATION:

Name: Mahmood Niad  
Date of Birth: ۱۹۷۰ September  
Place of Birth: Shiraz, Iran  
Marital Status: Married  
Address: Department of Chemistry, Persian Gulf University, Bushehr, Iran  
Tel: +۹۸۷۷۱ ۴۲۲۲۲۲۱ (office)  
E-mail: maniad@pgu.ac.ir

### II. EDUCATIONAL RECORDS:

B.S. in Pure Chemistry: Shiraz University, ۱۹۹۳  
M.S. in Inorganic Chemistry: Shiraz University, 1995  
Ph.D. in Inorganic Chemistry: Shiraz University, ۲۰۰۱

### III. ACADEMIC EXPERIENCES:

NMR, Design of Experiments, Biosorption

### IV. COURSES TAUGHT:

#### Basic Science:

General Chemistry I  
General Chemistry I Lab  
General Chemistry II  
General Chemistry II Lab  
Inorganic Chemistry I  
Inorganic Chemistry I Lab  
Inorganic Chemistry II  
Inorganic Chemistry II Lab  
Organometallic Chemistry  
Principles of Industrial Chemistry  
Chemical Application of Group Theory

#### Master Science:

Advance Inorganic Chemistry  
Physical Inorganic Chemistry  
Thermodynamic, Kinetic and Mechanism in Inorganic Compounds  
Molecular Spectroscopy in Inorganic Compounds

## **Ph.D.:**

Structure and Bonding in Inorganic Compounds  
Advanced Topics in Inorganic Chemistry

## **V. RESEARCH INTERESTS:**

1. NMR studies of molecular complexes
2. Thermodynamic studies of molecular complexes
3. Biosorption of heavy metals

## **VI. RESEARCH INTERESTS:**

1. NMR studies of weak molecular complexes
2. Thermodynamic studies of weak molecular complexes
3. Genetic algorithm
4. Biosorption
5. Design of the experiments
6. Response surface modeling

## **VII. PUBLICATION**

### **ISI Journals:**

1-Small molecular complexes: NMR studies of intermolecular forces of the benzonitrile with xylene isomers, Mozaffar Asadi\*, Mahmood Niad, *International Jour. chem*, **2000**, 10(2), 157-163

2- NMR studies of equilibrium quotients of the benzonitrile with xylene isomers and ethylbenzene, Mozaffar Asadi\*, Mahmood Niad, *Iran J. Chem. & Chem. Eng.*, **2003**, 1, 1-8

3- Spectrophotometric study of adduct formation between [Co(Salen)PPh<sub>3</sub>]ClO<sub>4</sub>.H<sub>2</sub>O and [Co(7,7'-Dimethylsalen)PPh<sub>3</sub>]ClO<sub>4</sub>.H<sub>2</sub>O with amines donors in acetonitrile, Mahmood Niad\*, Khosro Mohammadi, Mozaffar Asadi, *E-Journal of Chemistry*, **2010**, 7(4), 1421-1425

4- Application of metalloporphyrins as new catalysts for the efficient, mild and regioselective synthesis of quinoxaline derivatives, Khosro Mohammadi\*, Alireza Hasaninejad, Mahmood Niad and Mojtaba Najmi, *J. Porphyrins Phthalocyanines*, **2010**, 14, 1-7

5- Synthesis, spectral, thermal and thermodynamic studies of oxovanadium(IV) complexes of Schiff bases derived from 3,4-diaminobenzoic acid with salicylaldehyde derivatives, Khosro Mohammadi\*, Mahmood Niad\*, Amene Irandoost, *Spectrochim. Acta (A)*, **2013**, 107, 145-150

6- New 3,4-diaminobenzoic acid Schiff base compounds and their complexes: synthesis, characterization and thermodynamics, Khosro Mohammadi\*, Mahmood Niad\*, Tahereh Jafari, *Spectrochim. Acta (A)*, **2014**, 122, 179–185

7- Biosorption of copper (II) on *Sargassum angostifolium* C.Agardh Phaeophyceae biomass, Mahmood Niad\*, Ladan Rasoolzadeh and Fereshteh Zarei, *Chem. Spec. Bioavailab.* 2014, 26(3), 176–183

### **Other Journals:**

1- Removal of Cd (II) from aqueous solutions by biosorption of *Laurencia papillosa*, Mahmood Niad\*, Mehdi Mohammadi, Elham Ghatee, Saeid Zaree, *Chem. Sci. Trans.*, **2014**, 3(1), 396-402

2- Removal of nickel as toxic heavy metal using *Entromorpha* as green alga, Mahmood Niad\*, Saeid. Zaree, *Chemical Technology: An Indian Journal*, **2014**, 9(4), 115-120

3- Removal of nickel from wastewater by using *Colpomenia* as brown algae biomass, Mahmood Niad\*, Saeid. Zaree, *Accounts of Biotechnology Research*, **2014**, 9(1), 30-34

4- Factors affecting of zinc biosorption by *padina boergeseni*, Mohammad Jaberi, Mahmood Niad\*, *Inorganic CHEMISTR, An Indian Journal*, **2016**, 11(2),65-72