



Mona Kohantorabi

PERSONAL INFORMATION

Marital Status: Single

Place of Birth: Karaj, Alborz

Date of Birth: May, 29th 1990

Email: kohantorabi_mona@ch.sharif.edu
monakohantorabi@gmail.com

EDUCATION

- 2014** **Ph.D.**, in Physical Chemistry. Sharif University of Technology, Tehran, Iran.
- 2012-2014** **M.Sc.**, in Physical Chemistry. Sharif University of Technology, Tehran, Iran. Thesis: “Study of solvent-solvent and solute-solvent interactions and measurement of solvatochromic parameters in mixtures of solvents”, M.Sc. advisor: Prof. M. R. Gholami.
- 2008-2012** **B.Sc.**, in Pure Chemistry. Tarbiat Moalem University (Kharazmi), Alborz, Iran.
- 2004-2008** **Diploma** in Mathematica Physics., Ghalamchi High school, Alborz, Iran.

ACADEMIC AWARDS

- Ranked **1th** among 58 students (**2012**)
- Selected as top student from Office Brilliant Talent (**2013**)



RESEARCH INTERESTS

- Solvent effect
- Solvatochromic
- Nano-Adsorbents
- Magnetic Catalyst
- Kinetics and Mechanism Study (Experimental and Theoretical)
- Surface Science

COMPUTER SKILLS

- Programming Language: C⁺⁺, MATLAB, FORTRAN.
- Modeling Software: VMD, AMBER, LAMMPS.
- Scientific Programs: Gaussian, Gauss View, Hyper Chem.

SPECIAL SKILLS

- Instrumentation: UV-VIS, GC, IR.

LANGUAGE SKILLS

- Farsi (as moderate language)
- English
- Germany

EXTRAURRICULAR ACTIVITIES

- Painting
- Playing Volleyball
- Mountain Climbing