

In The Name of God

Name: Fereshteh Moharramzadeh

Email: Fm141125@gmail.com

Education

BSc.

University: Sharif University of Technology

Major: Material Science and Engineering

Thesis: Investigation of chitosan-graphene oxide and glucose oxidase electrophoretic coating for fabrication of blood glucose sensor

Supervisor: Prof. Simchi

2016

Msc.

University: University of Tehran

Major: Materials Engineering and Metallurgy - Materials' Characterization and Selection

Thesis: Synthesis and characterization of hydrogel droplets containing magnetic nanoparticles produced in microfluidic chip

Supervisors: Prof. Seyed Ebrahimi

2019

Honours and Awards

Direct admission in PhD's degree, Sharif University of Technology

Research Experience:

Droplet based microfluidic devices

Magnetic nanoparticle

Electrophoretic deposition

Electrochemical Analysis

Publications:

F. Moharramzadeh, A. Simchi, "Electrophoretic deposition of graphene oxide-chitosan films on titanium implants", Proceedings of the 8th International Conference on Nanostructures (ICNS8), Tehran, Iran, 2020.

