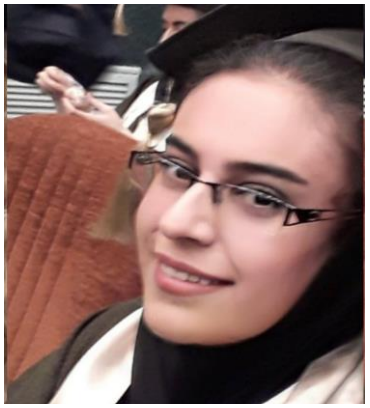
In The Name Of GOD



Name: Sima Nematipour

Email: s.neamati5@gmail.com

Education

BSc.

University: Yasuj University

Major: Pure chemistry

Msc.

University: Isfahan University of Technology

Major: Nanoscinece and Nanotechnology- Nanochemisry

Thesis: Synthesis and characterization of nanocomposites by in situ polymerization of aniline in the presence of modified Ca/Fe-layered double hydroxide and their application for removal of Pb(II)

Supervisors: Dr. Mohammad Dinari

PhD

University: Institute for Nanoscience and Nanotechnology (INST)- Sharif University of Technology

Major: Nanoscinece and Nanotechnology- Nanochemisry

Teaching Experience:

- Teaching Assistant, Organic Chemistry Lab I, Chemistry Department, Isfahan University of Technology, (September 2016 – May 2017)

Research Experience:

Polymeric Nanocomposites- Removal of heavy metals

Publications:

- Rahmanian, Omid, Mohammad Dinari, and Sima Neamati. "Synthesis and characterization of citrate intercalated layered double hydroxide as a green adsorbent for Ni^{2+} and Pb^{2+} removal." Environmental Science and Pollution Research 25.36 (2018): 36267-36277.
- Dinari, Mohammad, and Sima Neamati. "Surface modified layered double hydroxide/polyaniline nanocomposites: Synthesis, characterization and Pb^{2+} removal." Colloids and Surfaces A: Physicochemical and Engineering Aspects 589 (2020): 124438.
- Dinari, Mohammad, and Sima Neamat. "In Situ Polymerization of Polyaniline in Silane Modified Calcium Based Layered Double Hydroxide Intercalated Tartrate." Inorganic Chemistry Research (2020): 250-260.

RESEARCH INTERESTS

- Chemical Sensors based on Metal-Organic Frameworks
- Environmental contaminants
- Supercapacitors
- Polymeric Nanocomposites
- Delivery of drug
- Nanomaterials