

Name: Simindokht Zarei shokatabadi

Email: Simindokht.Zarei@gmail.com

Education

BSc.

University: Damghan University

Major: Applied chemistry

Msc.

University: Iran University of Science and Technology (IUST)

Major: Nano Science and Technology – Nanochemistry

Thesis: Preparation of DOX-containing metal-organic frameworks including magnetic iron oxide nanoparticles as the core, applicable in the targeted drug delivery to the breast cancer tumor

Supervisors: Prof. Ali Maleki

PhD.

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

Major: Nano Science and Technology

Research Interests

- ✓ Nanochemistry
- ✓ Nanobiotechnology
- ✓ Drug delivery
- ✓ Design and synthesis nanomaterial
- ✓ Materials Science
- ✓ Photovoltaic solar cells

Publications

Ganjali, Fatemeh, Amir Kashtiaray, Simindokht Zarei-Shokat, Reza Taheri-Ledari, and Ali Maleki. "Functionalized hybrid magnetic catalytic systems on micro-and nanoscale utilized in organic synthesis and degradation of dyes." *Nanoscale Advances* (2022).

Taheri-Ledari, Reza, Fatemeh Ganjali, Simindokht Zarei-Shokat, Mahdi Saeidirad, Fatemeh Ansari, Mohadeseh Forouzandeh-Malati, Fereshte Hassanzadeh-Afruzi, Seyed Masoud Hashemi, and Ali Maleki. "A Review of Metal-Free Organic Halide Perovskite: Future Directions for the Next Generation of Solar Cells." *Energy & Fuels* (2022).