



مرکز علوم و فنساورى نانو



Center for Nanoscience & Nanotechnology
Sharif University of Technology

Name: AliReza Fattahi

Email: Alireza.fattah@yahoo.com

Education

BSc.

University: Islamic Azad University, North Tehran Branch
Major: Solid State Physics

BSc.

University: Islamic Azad University, North Tehran Branch
Major: Nuclear Physics

MSc.

University: Shahid Beheshti University

Major: Plasma Engineering

Thesis: Synthesis of Zn_2SnO_4 nanoparticles and investigating the influence of cold plasma jet on the efficiency of the resultant DSSCs

Supervisor: Majid Ghenaatshoar

MSc.

University: Iran University of Science & Technology

Major: Electrical Engineering

Thesis: Design and construction of pyramidal microwave absorber based on polyurethane foam

Supervisor: Ali Abdolali

PhD

University: Sharif University of Technology

Major: Nano Electronic

Research Experience:

- Material Synthesis
- COMSOL Simulation

Publications:



- The influence of plasma treatment on the photovoltaic performance of DSSCs fabricated from hydrothermally prepared Zn_2SnO_4 nanoparticles. *Journal of Materials Science: Materials in Electronics* (2019)
- Performance enhancement of dye-sensitized solar cells by plasma treatment of BaSnO_3 photoanode. *Journal of Alloys and Compounds* (2019)