



Zahra Ashuri

Institute for Advanced Studies in Basic Sciences (IASBS)

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🏠 <https://iasbs.ac.ir/~mostafavi/Meet-our-team.html>

Academic background

Institute for Advanced Studies in Basic Sciences

Zanjan, Iran

PhD. in Optics

November.2020 - present

- **Thesis:** Study on the application of Surface Plasmon Resonance (SPR) in detection of pancreatic cancer biomarkers
- Supervised by Dr. Jafar Mostafavi Amjad and Dr. Mohammad Masoudi

Qom University

Qom, Iran

M.Sc in Atomic and Molecular Physics

Qom University

Qom, Iran

B.Sc in Solid Mode Physics

Thesis: Investigation of nonlinear effects on the relativistic interaction of laser with plasma in the presence of external magnetic field

Skills

Main Laboratory Activities

- Surface Plasmon Resonance (SPR)
- Spectroscopy

- Metal coating

Programming

- Fluent in MATLAB, ICDL.
- Good understanding of Latex, Lumerical, Maple.

Sport & Hobby

Professional Experiences

- Painting
- Dancing
- Traveling
- Listening to Music
- Watching Movies
- Reading Books

Language

- Persian, Native
- English, Intermediate

Teaching Experience

- Laboratory in Qom University (2017-2021)
- High school (2016)

References

Dr. Jafar Mostafavi Amjad

- Assistant Professor, Institute for Advanced Studies in Basic Sciences, Zanjan, Iran. PhD. supervisor

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Dr. Mohammad Masoudi

- Associated Professor, Institute for Advanced Studies in Basic Sciences, Zanjan, Iran. PhD. supervisor

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