

Forough Zahedpour

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<https://scholar.google.com/citations?user=d96m26gAAAAJ&hl=en>

<https://www.researchgate.net/profile/Forough-Zahedpour>

website:

❖ Research interests

• Synthetic Organic Chemistry	• Sensors & Biosensors
• Pharmaceutical & Medicinal Chemistry	• Organic Chemistry

❖ Education

• MSc. Organic Chemistry, Sep 2024-Aug 2026 (expected), Current GPA: 18.56/20

Amir Kabir University of Technology (Tehran Polytechnic)

• B.Sc. Chemistry, Sep 2019-Jan 2024, GPA:14.65/20

Persian Gulf University, Bushehr, Iran

❖ Peer-Reviewed Journal Articles

• Dashtian, Kheibar, **Forough Zahedpour**, Amin Foroozandeh, Rezvan Karimi, Majid Abdouss, and Shaaker Hajati. "Recent trends in molecularly imprinted photoelectrochemical sensors." *TrAC Trends in Analytical Chemistry* (2025): 118271.

❖ Conference Publications

• Khedri, Neda, Mohammad Reza Mohammadizadeh, **Forough Zahedpour**, and Zahra Rastipoura. "A Novel and Efficient Procedure for the Synthesis of Spiro [acridine-9, 3'-indoline]-1, 2'-dione."

❖ In-progress Publications

• Kheibar Dashtian, **Forough Zahedpour**, Amin Foroozandeh, Majid Abdouss, Shaaker Hajati, Mojdeh Golzani. "Dual-Photoelectrode Self-Powered Photoelectrochemical Sensors" *TrAC Trends in Analytical Chemistry* (2025)

• Kheibar Dashtian, **Forough Zahedpour**, Amin Foroozandeh, Majid Abdouss, Shaaker Hajati, Mojdeh Golzani. "Polarity-Switchable Photoelectrochemical Biosensors: Progress, Mechanisms, and Prospects" *TrAC Trends in Analytical Chemistry* (2025)

❖ Working experience

• Pharmacy assistant in Dr. Dehghani's Pharmacy July 2015-Aug 2017

❖ Academic/LAB experience

• Teaching "Organic Chemistry" as a TA in PGU University, Sep 2021- Feb 2022

• "2,2',2'',2'''-(1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetrayl) tetra acetic acid synthesis from 1,4,7,10-tetraazacyclododecane" Feb 2023-May 2023

• "Isatin Derivatives" May 2023-Sep 2023

Department of Chemistry, Faculty of Nano- and Bio-Science and Technology, Persian Gulf University, Bushehr 75169, Iran

Advisor: Dr. Mohammad Reza Mohammadizadeh

❖ Test scores

• Doulingo Overall: 120 (Comprehension 125, Literacy 120, Conversation 110, Product 100)

• IELTS Overall: booked for Sep 2025

❖ Languages

• English (fluent)	• Germany (Intermediate)	• Dutch (Beginner)
• Turkish (advanced)	• Arabic (Intermediate)	• Armenian (beginner)
• Persian (native)		

❖ Skills

- Molecular Dynamic
- Chem and Microsoft Office
- XRD, Mass Spectroscopy, HPLC, IR
- Python Programming
- Adobe Photoshop, Lightroom and premiere

❖ References

• **Majid Abdouss** (Associate Professor of Organic Chemistry)

Amir Kabir University of Technology, Tehran, Iran

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• **Kheibar Dashtian** (Assistant Professor of Analytical Chemistry)

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