



İsa Ardic

Ph.D Student in Chemistry
Bilkent University, Ankara, Turkey

✉ isa.ardic@bilkent.edu.tr

🌐 LinkedIn Profile

🆔 ORCID: 0009-0007-2477-3621

EDUCATION

Bilkent University

Ph.D in Chemistry

2025–Present
Ankara/Turkiye

- GPA: 3.68

Bilkent University

B.Sc in Chemistry

2021–2025
Ankara/Turkiye

- CGPA: 3.43

EXPERIENCE

Ozensoy Research Group

Ph.D Researcher

2025–Present
Ankara/Turkiye

- Supervisor: Emrah Ozensoy
- Project: *Rh Single Atom Catalyst on CeO_x promoted Calcium Hydroxyapatite for CO₂ Valorization Reverse Water Gas Shift Reaction*

Teaching Assistant

Organic Laboratory Teaching Assistant

2026
Ankara/Turkiye

Ozensoy Research Group

Undergraduate Research Assistant

2024–2025
Ankara/Turkiye

- Assisted in the Project: *Understanding Photocatalytic Methanol Oxidation to Formaldehyde Using Shape-Defined Cuprous Oxide and Facet-Enriched Anatase Titania*

CONFERENCES AND SCHOOLS ATTENDED

8th Anatolian School of Catalysis – ASC-8

2026
İzmir/Turkiye

19th Nanoscience and Nanotechnology Conference – NanoTR-19

2025
Ankara/Turkiye

- Poster Presented: *Presence of Structure Sensitivity in Facet-Enriched TiO₂ Photocatalysts for Methanol Partial Oxidation to Formaldehyde*

SYNCHROTRON EXPERIENCE

SESAME - Group Member

X-Ray Absorption Spectroscopy (XAS)

2026
Jordan

TECHNICAL SKILLS

Languages	Turkish (Native), English (Professional Proficiency), Japanese (Basic), German (Basic)
Developer Tools	Python (Basic)
Documentation	L ^A T _E X (Basic)
Data Analysis	Origin, Excel
Computational Tools	Avogadro, ORCA, Multiwfn, Gaussian, GaussView, Kinetiscope (<i>All Beginner Level</i>)
Laboratory Experience	<i>in-situ</i> FTIR, TPD, UV-VIS, Raman Spectroscopy, XRD, XPS, Thermal Flow Reactor, Photocatalytic Reactor, Single Atom Catalyst Synthesis, Shape-Defined Cuprous Oxide Synthesis

RESEARCH INTERESTS

- Heterogeneous Catalysis
- Spectroscopy
- Characterization
- Performance Testing

EXTRACURRICULAR ACTIVITIES

Supervisory Board Member , Chemistry Club	<i>2 Years 2023-2025</i>
Active Member , TDP-GEP (Volunteer Tutoring Project)	<i>1 Year 2020-2021</i>
Kendoka , Shodan in Kendo: Black Belt Equivalent	<i>3 Year 2023-Present</i>

ACHIEVEMENTS

- The Scientific and Technological Research Council of Turkiye Undergraduate Scholarship (TUBITAK-2205) *2021-2025*
- The Scientific and Technological Research Council of Turkiye Star Scholarship (TUBITAK-2247 C) *2025*
- Bilkent University High Honor Certificate (GPA: 3.68) Spring 2024-25
- Bilkent University High Honor Certificate (GPA: 3.94) Fall 2024-25
- Bilkent University Honor Certificate (GPA: 3.33) Spring 2023-24
- Bilkent University High Honor Certificate (GPA: 3.76) Fall 2023-24
- Bilkent University Honor Certificate (GPA: 3.39) Spring 2022-23
- Bilkent University High Honor Certificate (GPA: 3.54) Fall 2022-23
- Bilkent University Honor Certificate (GPA: 3.24) Fall 2021-22