

Elnaz Ebrahimi

PhD Student

Department of Chemistry

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Scientific Background:

2018-2020: **Master of Chemistry**

Department of Chemistry, Bilkent University, Ankara, Turkey.

Supervisor: Assoc.Prof. Emrah Ozensoy

2014-2016: **Master of Materials Engineering**

Department of Materials science and Engineering, University of Tabriz, Tabriz, Iran.

Supervisor: Prof. Dr. Mohammad Rezvani

2008-2013: **Bachelor of Materials Engineering**

Department of Materials Science and Engineering, University of Tabriz, Tabriz, Iran

Supervisor: Prof. Dr. Mohammad Rezvani

Publications:

1. **Elnaz Ebrahimi**, and Mohammad Rezvani. "Optical and structural investigation on sodium borosilicate glasses doped with Cr₂O₃." Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 190 (2018): 534-538.
 2. **Elnaz Ebrahimi**, Muhammad Irfan, Farzan Shabani, Yusuf Kocak, Bartu Karakurt, Emre Erdem, Hilmi Volkan Demir , and Emrah Ozensoy "Core-Crown Quantum-Well Nanoplatelets Boost Photocatalytic NO_x Abatement Performance of TiO₂" - In preparation.
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Conference Presentations:

2019. nanoGe Fall Meeting19 (NGFM19), Berlin. Germany. **Poster presentation.**" Facile synthesis of CdSe/CdSeTe NanoPlateLets/TiO₂ for enhanced Photocatalytic NO_x oxidation and storage under UV-Vis irradiation."

2019. 5th Anatolian School of Catalysis (ASC5), Izmir, Turkey. **Poster presentation**" Facile synthesis of CdSe/CdSeTe NanoPlateLets/TiO₂ for enhanced Photocatalytic NO_x oxidation and storage under UV-VIS irradiation."

Research Experiences:

2018-present: Photocatalytic NO_x Oxidation and Storage Under UV-Vis Irradiation.

2014-2016: The effect of different additives on structural and optical properties of Borosilicate glasses.

2012-2013: The effect of different additives on the kinetic parameters of P₂O₅-CaO-TiO₂.

Teaching Experiences:

General Chemistry I & II Laboratory Teaching Assistant (2018-2020).

Academic Experiences:

- Research assistant at Ozensoy research group, Department of Chemistry, Bilkent University.
- Research assistant at Advanced Ceramics lab., Department of Materials Science and Engineering, University of Tabriz.