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## ***Education:***

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### **2015-Present**

*Doctor of Philosophy (PhD):*

*Bilkent University / Ankara – TURKEY Department of Chemistry*

*Supervisor: Dr. Emrah ÖZENSOY*

### **2013-2015**

*Master of Science:*

*Bilkent University / Ankara – TURKEY Department of Chemistry*

*Supervisor: Dr. Emrah ÖZENSOY*

### **2007-2013**

*Bachelor of Science:*

*Bilkent University / Ankara – TURKEY Department of Chemistry*

## ***Research Experience:***

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### **2012-Present**

➤ *Environmental Chemistry; Novel Diesel Oxidation Catalysts (DOC).*

*Bilkent University Chemistry Department, Supervisor: Prof. Emrah Özensoy.*

### **2012-2015**

➤ *New generation PGM-free Perovskite Materials for LNT applications.*

*General Motors Global R&D Chemical Sciences & Bilkent University*

## ***Publications:***

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### ***Submitted to ChemCatChem (2015)***

**1.** *Sulfur-Tolerant BaO/Al<sub>2</sub>O<sub>3</sub>/ZrO<sub>2</sub>/TiO<sub>2</sub>-Quaternary Mixed Oxides for deNO<sub>x</sub> Catalysis*  
Z. Say, O. Mihai, M. Tohumeken, ***K.E. Ercan***, L. Olsson, E. Özensoy\*

## ***Conference Presentations:***

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- *ECOSS 2014 (European Conference of Surface Science) – Poster Presentation*
- *EUROPACAT 2015 (Kazan-Russia) -- Poster Presentation*

## ***Grants & Awards:***

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- *TUBITAK Graduate Fellowship (2015-present) The Scientific and Technological Research Council of Turkey.*
- *TUBITAK Graduate Fellowship (2014-2015) The Scientific and Technological Research Council of Turkey.*
- *Bilkent University Full Undergraduate Fellowship (2007-2013).*
- *Turkey Prime Ministry Undergraduate Fellowship (2007-2012).*

## ***Teaching Experience:***

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- *Material Science Course Grader (2013-2014 )*
- *General Chemistry I & II Laboratory Teaching Assistant (2014-present )*

## ***Work Experience:***

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- *Hands-on experineded on Swagelok and VCR connections.*
- *Hands-on experineded on Rotary pump maintenance*
- *Hands-on experineded on PID controller maintenance connections and programming*
- *Hands-on experineded on flow reactor configuration and setup*
- *2007 Summer Project Trainee at Henkel*

## ***Languages:***

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- *Turkish (Native)*
- *English (Fluent)*

## ***Programming Languages:***

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- *Matlab (Basic)*
- *Jawa (Basic)*

## ***Libraries and Tools:***

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- *Solidworks 3D-design*
- *MS Office (Excel, Word, PowerPoint)*
- *Origin*
- *XRD, RAMAN, FT-IR, Mass Spectrometer, BET Surface Area, Gas Chromatography, AAS, Flame Photometry,*

## ***References:***

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*Available upon request*