

MERVE KURT

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Education:

2015-Present

Doctor of Philosophy (PhD): Bilkent University

Department of Chemistry

Supervisor: Dr. Emrah Özensoy

2011-2013

Master of Science (MS): Bilkent University

Department of Chemistry

Supervisor: Dr. Emrah Özensoy

2006-2011

Bachelor of Science (BS): Bilkent University

Department of Chemistry

Research Experience:

2015-Present

- Catalysts for ionic liquid propulsion

Bilkent University, Department of Chemistry

Supervisor: Dr. Emrah Özensoy

2011-2013

- Perovskite based NO oxidation catalysts for automotive applications

Bilkent University, Department of Chemistry

Supervisor: Dr. Emrah Özensoy

Publications:

- Palladium doped Perovskite-Based NO oxidation Catalysts: The Role of Pd and B-sites for NO_x Adsorption Behavior via in-situ Spectroscopy

Say Z., Dogac M, Vovk E.I., Kalay Y.E., Kim C, H., Li W., Ozensoy E. *Applied Catalysis B: Environmental*, 2014 (154-155) 51-61

- Sulfur Poisoning and Regeneration Behavior of Perovskite-Based NO Oxidation Catalysts
Kurt, M.; Say, Z.; Ercan, K.E.; Vovk, E.I.; Kim, C.H.; Ozensoy, E. *Topics in Catalysis*, 2017
60:40–51

- Trade-off between NO_x storage capacity and sulfur tolerance on Al₂O₃/ZrO₂/TiO₂-based DeNO_x catalysts

Say, Z; Mihaib, O; Kurt, M; Olsson, L; Ozensoy, E.

Teaching Experience:

- Inorganic Chemistry Laboratory Teaching Assistant (2011-2013)
- Physical Chemistry Laboratory Teaching Assistant (2015)
- General Chemistry Laboratory Teaching Assistant (2016)
- Physical Chemistry Laboratory Teaching Assistant (2017-2018)

Work Experience:

- 2010 internship

TÜPRAŞ Petroleum Company