

## Res. Asst. ÖZGE LAÇIN

### Personal Information

**Email:** ozgebayrak@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/ozgebayrak>

**Address:** Gazi Üniversitesi, Fen Fakültesi, Dekanlık Binası, B5

### International Researcher IDs

ORCID: 0000-0002-7305-8612

Yoksis Researcher ID: 267384

### Education Information

Postgraduate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Kimya (YI) (Tezli), Turkey 2015 - 2017

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2009 - 2014

### Dissertations

Postgraduate, MECHANOCHEMICAL RADICAL FORMATION IN CELLULOSE BALL MILLING AND PRODUCTION OF CELLULOSE-METAL NANOPARTICLES COMPOSITES, Ihsan Dogramaci Bilkent University, Mühendislik Ve Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2017

### Research Areas

Composites, Polymeric Adsorbents, Polymeric Materials

### Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Kimya, 2017 - Continues

### Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2020 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A sustainable preparation of catalytically active and antibacterial cellulose metal nanocomposites via ball milling of cellulose**  
Kwiczak-Yigitbasi J., Lacin Ö., Demir M., Ahan R. E., Seker U. O. S., Baytekin B.  
GREEN CHEMISTRY, vol.22, no.2, pp.455-464, 2020 (SCI-Expanded)
- II. **The morphological changes upon cryomilling of cellulose and concurrent generation of**

## **mechanoradicals**

Lacın Ö., Kwiczak-Yigitbasi J., Erkan M., Cevher S. C., Baytekin B.

POLYMER DEGRADATION AND STABILITY, vol.168, 2019 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Soğuk (Cryo) Öğütme İle Nanoparçacık Kompozitlerinin Yapımı**  
Laçın Ö., Baytekin B.  
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, pp.10-11
- II. **Mechanochemical Preparation of Cellulose-Metal Nanoparticle Composites**  
Laçın Ö., Baytekin B.  
E-MRS European Materials Research Society Conference, Strasbourg, France, 22 May 2017 - 26 May 2022, pp.168-254
- III. **Mechanochemical Radical Formation and Production of Cellulose Metal Nanoparticle Composites**  
Laçın Ö., Baytekin B.  
Chemistry Discussions, Ankara, Turkey, 16 May 2017, pp.3-4

## **Metrics**

Publication: 5

Citation (WoS): 31

Citation (Scopus): 34

H-Index (WoS): 2

H-Index (Scopus): 2