

## Res. Asst. SILA CAN OSMANOĞULLARI

### Personal Information

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### International Researcher IDs

ScholarID: xPD7RPcAAAAJ

ORCID: 0000-0002-0079-9671

Publons / Web Of Science ResearcherID: AAK-9648-2021

ScopusID: 57954505200

Yoksis Researcher ID: 334918

### Education Information

Doctorate, Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey 2022 - Continues

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2019 - 2022

Undergraduate, Middle East Technical University, Faculty Of Education, Mathematics And Science Education, Turkey 2013 - 2019

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Electrochemical detection of Oxaliplatin induced DNA damage in G-quadruplex structures, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 2022

### Research Areas

Electrochemistry, Conductive Polymers, Chemistry of Heterocyclic Compounds, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Fakültesi, Kimya, 2021 - Continues

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

1. Innovative polymer engineering for the investigation of electrochemical properties and biosensing

## ability

Osmanoğulları S. C., Söylemez S., Karakurt O., Hacıoğlu Ş. Ö., Çırpan A., Toppare L. K.  
TURKISH JOURNAL OF CHEMISTRY, vol.47, pp.1271-1284, 2023 (SCI-Expanded)

### II. Electrochemical detection of Oxaliplatin induced DNA damage in G-quadruplex structures

Osmanoğulları S. C., Forough M., Çetinkol Ö. P., Udum Y. A., Toppare L.  
ANALYTICAL BIOCHEMISTRY, vol.671, pp.1-9, 2023 (SCI-Expanded)

### III. Synthesis of water soluble copper(II), manganese(III) phthalocyanines and their photocatalytic performances in benzyl alcohol photooxidation

Fazlı H., Akkol Ç., OSMANOĞULLARI S. C., BIYIKLIOĞLU Z., SAKA E. T., BEKİRCAN O.  
Journal of Organometallic Chemistry, vol.983, 2023 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

### I. Synthesis of New Water Soluble Cu(II) and Mn(III) Phthalocyanines and Investigation of Their Photocatalytic Activities on the Photooxidation of Benzyl Alcohol

Fazlı H., Akkol Ç., Osmanoğulları S. C., Biyiklioğlu Z., Saka E. T., Bekircan O.

4.EBAT Eurasia Biochemical Approaches Technologies Congress, Antalya, Turkey, 3 - 06 November 2022, pp.78

## Supported Projects

BEKİRCAN O., OSMANOĞULLARI S. C., ESERTAŞ ÜREYEN Ü. Z., KILIÇ A. O., Project Supported by Higher Education Institutions, Benzensulfonamid bağlı bazı yeni 124triazol türevlerinin tasarımı sentezi ve antimikrobial aktiviteleri, 2022 - Continues

Biyiklioğlu Z., Bekircan O., Osmanoğulları S. C., Keleş T., Project Supported by Higher Education Institutions, Elektrokimyasal Glikoz Biyosensör Uygulamaları İçin Yeni Aksiyal Disübstitüe Silisyum Ftalosiyeninler, 2023 - 2025

Persil Çetinkol Ö., Osmanoğulları S. C., Project Supported by Higher Education Institutions, Detection of DNA damage caused by Oxaliplatin by differential pulse voltammetry method, 2021 - 2022

## Metrics

Publication: 4

Citation (WoS): 5

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

IX. National Inorganic Chemistry Congress, Attendee, Ankara, Turkey, 2024

4th EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Attendee, Antalya, Turkey, 2022

## Awards

Osmanoğulları S. C., Honor Roll of Middle East Technical University, Orta Doğu Teknik Üniversitesi, December 2018