

Res. Asst. SILA CAN OSMANOĞULLARI

Personal Information

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International Researcher IDs

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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. Synthesis and comparison of the performance of two different water-soluble phthalocyanine based

electrochemical biosensor

Kocak M., OSMANOĞULLARI S. C., Soyler D., ÖZTÜRMEŒ B. A., BEKİRCAN O., BIYIKLIOĐLU Z., Soylemez S. BIOELECTROCHEMISTRY, vol.160, 2024 (SCI-Expanded)

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

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

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

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

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

Fazlı H., Akkol Ç., OSMANOĐULLARI S. C., BIYIKLIOĐLU 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 Photoxidation of Benzyl Alcohol

Fazlı H., Akkol Ç., Osmanođulları S. C., Biyıkhođlu 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., OSMANOĐULLARI S. C., ESERTAŒ ÜREYEN Ü. Z., KILIÇ A. O., Project Supported by Higher Education Institutions, Benzensulfonamid bađlı bazı yeni 124triazol türevlerinin tasarımı sentezi ve antimikrobal aktiviteleri, 2022 - Continues

Biyıkhođlu Z., Bekircan O., Osmanođulları S. C., Keleş T., Project Supported by Higher Education Institutions, Elektrokimyasal Glikoz Biyosensör Uygulamaları İin Yeni Aksiyal Disübstitüe Silisyum Ftalosiyanimler, 2023 - 2025

Osmanođulları S. C., Forough M., Persil Çetinkol Ö., Udum Y., Toppare L. K., Project Supported by Higher Education Institutions, Detection of DNA damage caused by Oxaliplatin by differential pulse voltammetry method, 2021 - 2022

Metrics

Publication: 5

Citation (WoS): 5

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

IX. Polymer Science and Technology Congress with International Participation, Attendee, Ankara, Turkey, 2024

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

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

Awards

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