

Res. Asst. DENİZ AKIN ANAKÖK

Personal Information

Office Phone: [+90 312 202 1544](tel:+903122021544)

Fax Phone: [+90 312 202 1544](tel:+903122021544)

Email: denizakin@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/denizakin>

International Researcher IDs

ScholarID: V5dD0ygAAAAJ

ORCID: 0000-0002-7984-9159

Publons / Web Of Science ResearcherID: ACZ-9847-2022

ScopusID: 57404772300

Yoksis Researcher ID: 278968

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2017 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2014 - 2017

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Natural Sciences

Academic Titles / Tasks

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

Academic and Administrative Experience

Bölüm Stratejik Plan Komisyonu Üyesi, Gazi University, Fen Fakültesi, Kimya, 2020 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design of a new biosensor platform for creatinine determination**
Caliskan S., YİLDİRİM E., AKIN ANAKÖK D., ÇETE S.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.26, no.2, pp.549-557, 2022 (SCI-Expanded)
- II. **A New Surface Based on Graphene Modified with Nanoparticles and Nafion for the Detection of Glucose**

Anakok D., ÇETE S.

RUSSIAN JOURNAL OF ELECTROCHEMISTRY, vol.57, no.12, pp.1186-1195, 2021 (SCI-Expanded)

- III. **A novel biosensor with the use of polypyrrole-poly(sodium-4-styrenesulphonate) as a dopant in the determination of glucose**

ÇETE S., Ozyurt M., YİLDİRİM E., AKIN ANAKÖK D.

CHEMICAL PAPERS, vol.74, no.3, pp.799-808, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of the Anthracene Sulfonyl Hydrazone Compound for Investigation of Biosensor Properties: Characterization, Electrochemical Measurements, and Theoretical Calculations.**
Güler H., Çete S., Özdemir Özmen Ü., Balaban Gündüzalp A., Akın Anakök D.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) , Ankara, Turkey, 11 - 13 October 2023, pp.32
- II. **A new Sulfonylamide compound containing 4-methoxy cinnamaldehyde with potential bioactivity: Synthesis, characterization, and detailed theoretical calculations**
İbrahimova N., Özdemir Özmen Ü., Çete S., Balaban Gündüzalp A., Akın Anakök D.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) , Ankara, Turkey, 11 - 13 October 2023, pp.281
- III. **Synthesis of new methane sulfonyl hydrazone with Green Chemistry approach: Molecular structure, HOMO-LUMO, electronic properties and MEP calculations**
İbrahimova N., Özdemir Özmen Ü., Çete S., Balaban Gündüzalp A., Akın Anakök D.
4th International Azerbaijan Congresses on Life, Social, and Health Sciences, Baku, Azerbaijan, 15 September - 18 October 2023, pp.78-79
- IV. **New hybrid compounds with potential activity based on Sulfoxazole: Synthesis, characterization and study of anti-cancer activities**
İbrahimova, N., Özdemir Özmen Ü., Çete S., Akın Anakök D., Cuhacı U., Telkoparan Akıllılar P., Onar O.
ACS Fall 2023 , California, United States Of America, 13 - 17 August 2023, pp.179
- V. **A new hybrid compound with potential biological activity consisting of the combination of Sulfamethoxazole and Anthracene: Synthesis, Characterization and Theoretical Calculations**
İbrahimova N., Özdemir Özmen Ü., Çete S., Akın Anakök D., Aktan E., Balaban Gündüzalp A.
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 - 16 December 2022, pp.155
- VI. **Environmentally friendly Anthracenebased Sulfonylhydrazone for use in biosensor preparation: Synthesis, Characterization and Computational Studies**
Güler H., ÇETE S., ÖZDEMİR ÖZMEN Ü., BALABAN GÜNDÜZALP A., AKIN ANAKÖK D., AKTAN E.
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), 14 December 2022
- VII. **Synthesis of environmentally friendly and potentially bioactive Schiff bases containing boron**
ÇETE S., ÖZDEMİR ÖZMEN Ü., AKIN ANAKÖK D.
3.International Eurasian Conference on Science, Engineering and Technology (EURASIANSCIENTECH), 15 December 2021
- VIII. **Green Chemistry: Synthesis and Characterization of boron containing sulfonyl hydrazone compound by one pot method**
ÇETE S., ÖZDEMİR ÖZMEN Ü., AKIN ANAKÖK D.
3.International Eurasian Conference on Science, Engineering and Technology (EURASIANSCIENTECH), 15 December 2021
- IX. **Potential Bioactive sulfonyl hydrazone: Synthesis by one-pot method and theoretical calculations**
ÇETE S., ÖZDEMİR ÖZMEN Ü., AKIN ANAKÖK D., AKTAN E., ustaoglu e.
4.International Eurasian Conference on Biological and Chemical Sciences, 16 January 2021

- X. **Synthesis, characterization and theoretical studies of sulfonyl hydrazone compound containing ferrocene by green chemistry method**
ÇETE S., ÖZDEMİR ÖZMEN Ü., AKTAN E., AKIN ANAKÖK D., ustaoglu e.
4. International Eurasian Conference on Biological and Chemical Sciences, 15 January 2021
- XI. **Design of a new biosensor platform for creatinine determination**
ÇETE S., AKIN ANAKÖK D., ÇALIŞKAN S.
International Joint Science and materials polymer (ICMPS), 14 January 2021
- XII. **Süperkritik karbondioksit özütlemeye yöntemi ile yavşan otu (veronica beccabunga) bitkisinden yağ içeriği eldesi ve bazı flavonoid içeriklerinin belirlenmesi**
YILDIZ A. S., NURALIN L., AKIN ANAKÖK D., ÇETE S.
UBAK 4th International Scientific Research Congress, Yalova, Turkey, 10 February 2019
- XIII. **Preparation of a new biosensor including nanoparticles and nafion based on graphene for glucose detection**
AKIN ANAKÖK D., ÇETE S.
Preparation of a new biosensor including nanoparticles and nafion based on graphene for glucose detection, International Conference: ACS National Meeting & Expo Nanoscience, Nanotechnology & Beyond, BOSTON, United States Of America, 19 August 2018
- XIV. **Preparing a new biosensor for hypoxanthine determination**
ÖZYURT M., KABASAKAL C., AKIN ANAKÖK D., YAŞAR A., ÇETE S.
The 12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 29 June 2018
- XV. **Graphene based hydrogen peroxide sensitive biosensor for glucose sensing**
AKIN ANAKÖK D., ÇETE S.
International 10. Aeeagen Analytical Chemistry Days, Çanakkale, Turkey, 29 September 2016

Supported Projects

ÇETE S., ÖZDEMİR ÖZMEN Ü., BALABAN GÜNDÜZALP A., AKIN ANAKÖK D., ZORLUSOY ÖZDEMİR G., İBRAHİMOVA N., Project Supported by Higher Education Institutions, Aromatik aminoasit içeren antrasen esaslı schiff bazlarının sentezi ve bu bileşiklerin grafen nanotabakalı metal dikalkojenit MoSe₂ ve Platin nanoparçacık ile birlikte elektrokimyasal çalışmalarda yeni bir yüzey olarak kullanılabilme potansiyellerinin araştırılması, 2022 - Continues

Akın Anakök D., TUBİTAK Project, Antrasen Esaslı Yeni Schiff Bazlarının Yapısal Ve Elektronik Özelliklerinin Belirlenmesi, MoSe₂ Ve WS₂ Gibi Metal Dikalkojenitler İle Doplanması Ve Altaş Olarak Biyosensör Uygulamalarında Sinerjik Etkilerinin İncelenmesi, 2023 - 2024

ÇETE S., AKIN ANAKÖK D., ÖZDEMİR ÖZMEN Ü., USTAOĞLU E., Project Supported by Higher Education Institutions, Biyosensör uygulamalarında kullanılmak üzere farklı ferrosen Schiff bazlarını ve geçiş metal dikalkojenit içeren yeni bir ara yüzey geliştirilmesi karakterizasyonu ve elektrokimyasal özelliklerinin incelenmesi, 2021 - 2024

TUBİTAK Project, Synthesis of boron modified imine compounds derived from new sulfo drugs to be developed and used in bone tissue regeneration and investigation of activity relationships on Carbonic anhydrase IX and XII isoenzymes., 2022 - 2023

Metrics

Publication: 18
Citation (WoS): 8
Citation (Scopus): 20
H-Index (WoS): 1
H-Index (Scopus): 3