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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. **Bis-Ureido-Substituted Benzenesulfonamides: Evaluation of Their Antibacterial, Anticholinesterase, and Cytotoxicity Properties**
Tekeli T., Lolak N., Tekeli Y., Bozgeyik E., AKIN ANAKÖK D., ÇETE S., GÜLÇİN İ., Akocak S.
ChemistrySelect, vol.9, no.23, 2024 (SCI-Expanded)

II. **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)

III. **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)

IV. **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 proporties 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 Sulfisoxazole: Synthesis, characterization and study of anti-cancer activities**
Ibrahımova, 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 (EURASİANSCİENTECH), 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 Conferenceon Science, Engineering and Technology (EURASİANSCİENTECH), 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., ustaoğlu 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 bygreen chemistry method**
ÇETE S., ÖZDEMİR ÖZMEN Ü., AKTAN E., AKIN ANAKÖK D., ustaoğlu 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.
Internation Joint Science and materials polimer (ICMPS), 14 January 2021

XII. **Süperkritik karbondioksit özütleme yöntemi ile yavşan otu (veronica beccabunga) bitkisinden yağ içeriği eldesi ve bazı flavonoid içeriklerinin belirlenmesi**
Yıldız A. S., Nuralın L., Akın Anakök D., Çete S.
UBAK 4th International Scientific Research Congress, Yalova, Turkey, 14 - 17 February 2019, pp.261

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, Internaitonal 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., TUBITAK Project, Antrasen Esaslı Yeni Schiff Bazlarının Yapısal Ve Elektronik Özelliklerinin Belirlenmesi, MoSe2 Ve WS2 Gibi Metal Dikalkojenitler İle Doplanması Ve Alttaş 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
TUBITAK 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: 20
Citation (WoS): 24
Citation (Scopus): 27

H-Index (WoS): 3
H-Index (Scopus): 3