

Asst. Prof. DOĐUKAN DOYDUK

Personal Information

Email: dogukandoyduk@gazi.edu.tr

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

International Researcher IDs

ScholarID: HQNXwagAAAAJ

ORCID: 0000-0002-1260-8879

Publons / Web Of Science ResearcherID: AHB-8602-2022

ScopusID: 57192669187

Yoksis Researcher ID: 283154

Education Information

Doctorate, Gazi University, Fen Fakóltesi, Kimya, Turkey 2017 - 2023

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2012 - 2016

Undergraduate, Gazi University, Fen Fakóltesi, Kimya Bölümü, Turkey 2008 - 2012

Dissertations

Postgraduate, Fingolimod benzeri bazı bileşiklerin sentezi ve yapılarının aydınlatılması, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2016

Research Areas

Chemistry, Organic Chemistry

Academic Titles / Tasks

Lecturer, Gazi University, Fen Fakóltesi, Kimya, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Synthesis of new phenothiazine derivatives: Molecular docking, assessment of cytotoxic activity and oxidant-antioxidant properties on PCS-201-012, HT-29, and SH-SY5Y cell lines**
Tan B., Kartal Y., Yesilyurt F., Akdoğan N., DOYDUK D., DİŐLİ A.
Archiv der Pharmazie, vol.357, no.10, 2024 (SCI-Expanded)
- Molecular docking, synthesis, anticancer activity, and metabolomics study of boronic acid ester-containing fingolimod derivatives**
Doyduk D., Derkuş B., Sarı B., Eylem C. C., Nemutlu E., Yıldırım Y.
ARCHIV DER PHARMAZIE, vol.2300382, pp.1-17, 2023 (SCI-Expanded)
- Synthesis of Apigenin and Quercetin-Like Compounds, Molecular Docking Simulation, and Investigation of Their Bioactivity on A549 Cell Lines**

YILDIRIR Y., Ozel S., DOYDUK D., Kartal Y., SABUNCUOĞLU S.

CHEMISTRYSELECT, vol.7, no.43, 2022 (SCI-Expanded)

- IV. **Development and characterization of iron (III) phthalocyanine modified carbon nanotube paste electrodes and application for determination of fluometuron herbicide as an electrochemical sensor**
Demir E., Goktug O., İNAM R., DOYDUK D.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.895, 2021 (SCI-Expanded)
- V. **Synthesis and Functional Investigations of Computer Designed Novel Cladribine-Like Compounds for the Treatment of Multiple Sclerosis**
YAVUZ S., Cetin A., AKDEMİR A., DOYDUK D., DİŞLİ A., Celik Turgut G., ŞEN A., YILDIRIR Y.
ARCHIV DER PHARMAZIE, vol.350, no.11, 2017 (SCI-Expanded)
- VI. **Computer design, synthesis, and bioactivity analyses of drugs like fingolimod used in the treatment of multiple sclerosis**
Turgut G. C., DOYDUK D., YILDIRIR Y., YAVUZ S., AKDEMİR A., DİŞLİ A., ŞEN A.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.2, pp.483-495, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis and antimicrobial activities of unsymmetrical thioditrazoles and their precursor thiotetrazoles**
Çağlar Teknikel Ö., Öğütçü H., Doyduk D., Dişli A.
ORGANIC COMMUNICATIONS, vol.16, no.4, pp.204-211, 2023 (ESCI)
- II. **Synthesis of some 2-alkyl-5-(4-vinylphenyl)-2H-tetrazole compounds via the Wittig reaction and investigation by X-ray crystallography**
Doyduk D., Yıldırım Y.
ORGANIC COMMUNICATIONS, vol.15, no.4, pp.333-345, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Tetrazol Halkası İçeren Bazı Yeni Pürin ve Pirimidin Türevlerinin Sentezi, Karakterizasyonu ve Biyolojik Aktivitelerinin İncelenmesi**
AKDOĞAN N., DİŞLİ A., ÖZKAN H., DOYDUK D.
9. International Drug Chemistry Conference, Antalya, Turkey, 08 April 2021
- II. **Electrochemical analysis of fluometron by modified electrode based on iron (II) phthalocyanine**
DEMİR E., Gökтуğ Ö., İNAM R., DOYDUK D.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020
- III. **Synthesis of Aldophosphamides Containing 2-(1-alkyl-1H-tetrazol-5-yl)ethan-1-ol Groups as can used Potential Anticancer Prodrug**
DOYDUK D., YILDIRIR Y.
Uluslararası 7. İlaç Kimyası: İlaç Etken Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 14 - 17 March 2019
- IV. **1-(2-(5-(4-Sübstitüefenil)-1H-tetrazol-1-il)etil)amin Bileşiklerinin Sentezi Karakterizasyonu ve Biyolojik Özelliklerinin Araştırılması**
ÖZKAN H., DOYDUK D., Batuhan Y.
8th International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020
- V. **Evaluation of Anti-inflammatory Effect of Novel Fingolimod Based Compound F1-12h in SH-SY5Y, SK-N-SH and U-118MG Cells for the Efficacy in Multiple Sclerosis**
ÇELİK TURGUT G., DOYDUK D., YILDIRIR Y., YAVUZ S., AKDEMİR A., DİŞLİ A., ŞEN A.
5th International Congress of the Molecular Biology Association of Turkey, 8 - 10 September 2018

Supported Projects

YILDIRIR Y., DOYDUK D., DERKUŞ B., Project Supported by Higher Education Institutions, Bor Çekirdekli Fingolimod Benzeri Yeni Bileşiklerin Sentezleri, Yapılarının Spektroskopik Yöntemlerle Doğrulanması ve Biyoetkinliklerinin İncelenmesi, 2020 - 2023

Metrics

Publication: 16

Citation (WoS): 32

Citation (Scopus): 36

H-Index (WoS): 3

H-Index (Scopus): 3