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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHD-2468-2022

ScopusID: 57221645735

Yoksis Researcher ID: 265642

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2018 - 2023

Postgraduate, Dokuz Eylül University, Kimya Bölümü, Turkey 2014 - 2017

Undergraduate, Ege University, Faculty Of Science, Kimya Bölümü, Turkey 2009 - 2014

Dissertations

Doctorate, REGIOSELECTIVE SYNTHESIS OF 1,4,5-TRISUBSTITUTED-1,2,3-TRIAZOLES AND NEW HETEROCYCLIC STRUCTURES FUSED TO 1,2,3-TRIAZOLE RING, Gazi University, Fen Bilimleri Enstitüsü, 2023

Postgraduate, PREPARATION OF RED EMITTING DIKETOPYRROLOPYRROLE DERIVATIVES, Dokuz Eylül University, Kimya Bölümü, 2017

Research Areas

Chemistry, Organic Chemistry, Chemistry of Dyes and Pigments, Chemistry of Heterocyclic Compounds

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, Kimya, 2023 - Continues

Research Assistant PhD, Gazi University, Fen Fakültesi, Kimya, 2023 - 2023

Research Assistant, Gazi University, Fen Fakültesi, Kimya, 2017 - 2023

Academic and Administrative Experience

Unit Accreditation Board Member, Gazi University, Fen Fakültesi, Kimya, 2023 - Continues

Courses

Kimya, Undergraduate, 2023 - 2024

Kimya I, Undergraduate, 2023 - 2024

Alkaloidler ve Flavanoidler, Postgraduate, 2024 - 2025

Kimya 103, Undergraduate, 2024 - 2025

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, Characterization and Evaluating Photochemical Properties of Porphyrin-substituted Azobenzene Structure**
Erdemir G., Topkaya D.
JOURNAL OF FLUORESCENCE, vol.34, no.1, pp.275-281, 2024 (SCI-Expanded)
- II. **Highly regioselective one-step synthesis of 1-benzyl-5-formyl-1,2,3-triazole-4-carboxylates**
Erdemir G., Altundaş A.
Chemistry of Heterocyclic Compounds, vol.59, no.4-5, pp.267-276, 2023 (SCI-Expanded)
- III. **Synthesis, anti-TB activities, and molecular docking studies of 4-(1,2,3-triazoyl)arylmethanone derivatives**
Turkmen Y., YAĞIZ ERDEMİR G., Yuksel Mayda P., AKDEMİR A., GÜNAYDIN AKYILDIZ A., ALTUNDAŞ A.
Journal of Biochemical and Molecular Toxicology, vol.36, 2022 (SCI-Expanded)
- IV. **Synthesis, inhibition properties against xanthine oxidase and molecular docking studies of dimethyl N-benzyl-1H-1,2,3-triazole-4,5-dicarboxylate and (N-benzyl-1H-1,2,3-triazole-4,5-diyl)dimethanol derivatives**
Yagiz G., Noma S. A. A., Altundas A., Al-Khafaji K., Taskin-Tok T., Ates B.
BIOORGANIC CHEMISTRY, vol.108, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis of 1,4-disubstituted-1,2,3-Triazole derivatives for investigation of inhibition and molecular docking studies against Xanthine Oxidase**
Mirdan M. N. M., Yağız Erdemir G., Noma S. A. A., Taskin Tok T., Ateş B., Altundaş A.
Chemical Biology Letters, vol.10, no.4, 2023 (ESCI)
- II. **Synthesis and structure analysis of methyl 1-benzyl-5-(phenylamino)methyl)-1H-1,2,3-triazole-4-carboxylate**
Erdemir G., Altundas A.
ORGANIC COMMUNICATIONS, vol.16, no.1, pp.46-53, 2023 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and Biological Evaluation Novel 1,2,3-Triazole-Benzimidazole Structures As MCF-7 and HCT116 Inhibitor**
Yağız Erdemir G., Altundaş A., Ateş B.
3rd Anatolian Organic Chemistry, Antalya, Turkey, 13 - 16 March 2023, pp.49
- II. **5-ARILAMİNOMETİL-1,2,3-TRIAZOLLERİN SENTEZİ**
Yağız Erdemir G., Altundaş A.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.1
- III. **Dimetil 1-benzil-1H-1,2,3-triazol-4,5-dikarboksilat Bileşiklerinin Yer Seçici Olarak İndirgenmesi**
Yağız Erdemir G., Altundaş A.
34. ULusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.1
- IV. **(1-Benzil-1H-1,2,3-Triazol-4-il)(Fenil)Metanon Türevlerinin Sentezi ve Mycobacterium Tuberculosis**

Basili Üzerine Etkilerinin İncelenmesi

Yağız Erdemir G., Türkmen Y., Demirel F., Yüksel Mayda P., Altundaş A.

8.International Drug Chemistry, Antalya, Turkey, 27 February - 01 March 2020, pp.348

- V. **M. Tuberculosis Karşı Antimikrobakteriyal Etki Gösterebilecek (1-Benzil-1H-1,2,3-triazol-4-il)(furan-2-il)metanonların Sentezi**
ALTUNDAŞ A., türkmen y., YÜKSEL MAYDA P., YAĞIZ ERDEMİR G.
8.International Drug Chemistry, Antalya, Turkey, 27 February - 01 March 2020
- VI. **α -KETO-1,2,3-TRIAZOLLERİN SENTEZİ**
Türkmen Y., Yağız G., Altundaş A.
31. ULUSAL KİMYA KONGRESİ, İstanbul, Turkey, 10 - 13 September 2019, pp.264
- VII. **(1-(Süstitüebenzil)-1H-1,2,3-triazol-4-il)(furan-2-il)metanon Türevlerinin Sentezi ve Karakterizasyonları**
türkmen y., YAĞIZ G., ALTUNDAŞ A.
31. ULUSAL KİMYA KONGRESİ, İstanbul, Turkey, 10 - 13 September 2019
- VIII. **The Inhibition Effect of 1H-1,2,3-Triazole Compounds on the Xanthine Oxidase (XO) Enzyme**
YAĞIZ G., noma s. a. a., ATEŞ B., ALTUNDAŞ A.
7.İLAÇ KİMYASI KONGRESİ, Antalya, Turkey, 14 - 17 March 2019
- IX. **Synthesis of 1-Aryl-1H-1,2,3-Triazole-4,5-Dicarboxylate Derivatives and the Inhibition Effect on the Xanthine Oxidase (XO) Enzyme**
YAĞIZ G., Ali noma s. a., ATEŞ B., ALTUNDAŞ A.
7. ULUSLARARASI İLAÇ KİMYASI, Antalya, Turkey, 14 - 17 March 2019
- X. **The inhibition effect of (1-aryl-1H-1,2,3-triazole-4,5-diy)dimethanol and dimethyl 1-aryl-1H-1,2,3-triazole-4,5-dicarboxylate on the xanthine oxidase (XO) enzyme**
YAĞIZ G., ALTUNDAŞ A.
4th Organic Chemistry, Antalya, Turkey, 4 - 07 October 2018
- XI. **Regioselective synthesis of multisubstituted 1,2,3-triazoles**
YAĞIZ G., ALTUNDAŞ A.
4th Organic Chemistry, 4 - 07 October 2018
- XII. **1,2,3-Triazol Bileşiklerinde Yükseltgenme ve İndirgenme Tepkimelerinin İncelenmesi**
YAĞIZ G., ALTUNDAŞ A.
6.İlaç Kimya Kongresi, Antalya, Turkey, 22 - 25 March 2018
- XIII. **Kırmızıya Yakın Bölgede Emisyon Yapan Diketopirrolpirol Türevlerinin Sentezi ve Asidik Ortamda Davranışlarının İncelenmesi**
YAĞIZ ERDEMİR G., TOPKAYA TAŞKIRAN D., ALP S.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- XIV. **Preparation of Red Emitting Diketopyrrolopyrrole Derivatives**
YAĞIZ G., TOPKAYA TAŞKIRAN D., ALP S.
19. JCF Frühjahrs symposium, 29 March - 01 April 2017
- XV. **Dönör ve Akseptör Gruplar İçeren Diketopirrolpirol Türevlerinin Hazırlanması ve Spektroskopik Çalışmaları**
YAĞIZ ERDEMİR G., ALP S., TOPKAYA TAŞKIRAN D.
3.Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016

Supported Projects

Yağız Erdemir G., Altundaş A., Ateş B., TUBITAK Project, Purin Benzeri 1,2,3-Triazolopiridazinon/1,2,3-Triazolopiridazinotiyon Hibrit Yapıların Sentezi, Antikanser Özelliklerinin ve Apoptotik Etki Mekanizmalarının İncelenmesi, 2022 - 2023

Yağız Erdemir G., Altundaş A., TUBITAK Project, 1,4,5-Trisüstitüe-1,2,3-Triazol Bileşiklerinin Yeni Bir Yöntemle Regio-Selektif Sentezi, 2021 - 2022

YAĞIZ ERDEMİR G., Project Supported by Higher Education Institutions, 2016.kb.fen.012 Kırmızıya Yakın Bölgede Emisyon Yapan Diketopirolopirol Türevlerinin Hazırlanması, 2016 - 2017

Metrics

Publication: 25
Citation (WoS): 32
Citation (Scopus): 39
H-Index (WoS): 2
H-Index (Scopus): 2

Scholarships

Turkish Education Foundation (TEV), Foundation, 2015 - 2017

Non Academic Experience

TUBITAK, TÜBİTAK, MAM