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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

Courses

Kimya I, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Tetracyanoethylene as a Building Block in the π -Expansion of 1,4-Dihydropyrrolo[3,2-*b*]pyrroles**
Erdemir G., Knysh I., Skonieczny K., Jacquemin D., Gryko D. T.
JOURNAL OF ORGANIC CHEMISTRY, 2024 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **Synthesis, anti-TB activities, and molecular docking studies of 4-(1,2,3-triazolyl)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)
- V. **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., Yağiz Erdemir G., Noma S. A. A., Taskin Tok T., Ates 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**
Yağiz Erdemir G., Altundaş A., Ates B.
3rd Anatolian Organic Chemistry, Antalya, Turkey, 13 - 16 March 2023, pp.49
- II. **5-ARILAMİNOMETİL-1,2,3-TRIAZOLLERİN SENTEZİ**
Yağiz 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**
Yağiz 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**
Yağiz 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 Cehmistry, 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-diyl)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 Diketopirolopirol 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. Döner ve Akseptör Gruplar İçeren Diketopirolopirol 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

YAĞIZ ERDEMİR G., Project Supported by Higher Education Institutions, Yeni floroforik poli foksionel tetraaril14dihidropirrolo32bpirol TAPP türevlerinin sentezi ve fotofiziksel özelliklerinin belirlenmesi, 2024 - Continues
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): 36

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

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

Non Academic Experience

TUBITAK, TÜBİTAK, MAM