

BURAK BARUT

ASSOC. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAW-5701-2020

ScopusID: 56798054200

Yoksis Researcher ID: 215118



Learning Knowledge

Doctorate 2016 - 2020	Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Eczacılıkta Biyokimya, Turkey
Postgraduate 2014 - 2016	Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Eczacılık Biyokimya, Turkey
Postgraduate 2013 - 2016	Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey
Undergraduate 2009 - 2013	Karadeniz Technical University, Fen Fakültesi, Kimya, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Good Manufacturing Practices (GMP)-Good Laboratory Practices (GLP) Requirements and Internal Audit, ETC Danışmanlık, 2019

Vocational Training, ISO 17025:2017 General Requirements For The Competence of Testing and Calibration Laboratories, ETC Danışmanlık, 2019

Vocational Training, ISO 13485: 2016 Medical Devices Quality Management System Requirements and Internal Audit, ETC Danışmanlık, 2019

Vocational Training, Öğreticilerin Eğitimi Sertifika Programı, Trabzon Üniversitesi Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2019

Vocational Training, Kooperatifçilik Geliştirme ve Uyum Eğitimi, Milli Eğitim Bakanlığı Hayat Boyu Öğrenme Genel Müdürlüğü, 2018

Vocational Training, Kişiselleştirilmiş Kansere Tedavisinde Hücre Kültürü, Proteomik & Genomik Uygulamalar Kursu, ARGEFAR (Ege Üniversitesi İlaç Geliştirme ve Farmakokinetik Uygulama Araştırma Merkezi), 2016

Vocational Training, DNA Komet Analiz Yöntemi Kursu, Türkiye Atom Enerjisi Kurumu, 2015

Vocational Training, TÜBİTAK Bilimsel Araştırma Projesi Hazırlama Eğitimi, TÜBİTAK BKTÜ-TÜBİTAK ARDEB Temsilciliği, 2015

Vocational Training, Testing and Calibration Laboratories for Basic Training, PersonaTR, 2012

Vocational Training, İş Sağlığı ve Güvenliği Temel Eğitimi, PersonaTR, 2012

Vocational Training, İstihdamı Zorunlu Personel, Kimyagerler Derneği, 2012

Vocational Training, TS EN ISO/IEC 17025:2005 Deney ve Kalibrasyon Laboratuvarlarının Yeterliliği için Genel Şartlar, Kimyagerler Derneği, 2012

Dissertations

Doctorate, Yeni BODİPY Bileşiklerinin Fotodinamik Terapi Amaçlı in vitro Etkinliklerinin İncelenmesi, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, 2020

Postgraduate, Benzotriazol Grubu Taşıyan Yeni Metalli ve Metallsiz Ftalosiyanın Sentezi, Karakterizasyonu, Fotofiziksel ve Fotokimyasal Özelliklerinin İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2016

Postgraduate, Suda Çözünür Ti(IV) Ftalosiyanın Bileşiklerinin DNA Bağlanma, DNA Kesim, Antioksidan, Antimikrobiyal Aktivitelerinin ve Topoizomeras I İnhibisyonunun İncelenmesi, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Eczacılık Biyokimya, 2016

Academic Titles / Tasks

Associate Professor
2022 - Continues

Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık

Assistant Professor
2021 - 2022

Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık

Research Assistant
2014 - 2020

Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık

Supported Projects

- BIYIKLIOĞLU Z., BARUT B., KELEŞ T., SEYHAN G., Project Supported by Higher Education Institutions, Morfolin Grupları İçeren Yeni Suda Çözünebilir Ftalosiyanın Sentezi ve In Vitro Biyolojik Aktivitelerinin İncelenmesi, 2024 - Continues
- YAZICI BEKTAŞ N., BARUT B., ORTAHİSAR M., Project Supported by Higher Education Institutions, İki Alchemilla L (Rosaceae) Türü Üzerinde Fitokimyasal Araştırmalar, 2023 - Continues
- KALAYCIOĞLU A. T., EJDİR N., ÖZGEN U., BARUT E. N., BARUT B., YILDIZ O., ÖZEL A., DOĞAN İ. S., ALİYAZICIOĞLU R., RENDA G., et al., Project Supported by Higher Education Institutions, Endemik Bitki Ekstraktlarının Sentezlenen Bileşiklerin Antimikrobiyal Potansiyellerinin Değerlendirilmesi, 2023 - Continues
- RENDA G., BARUT B., GÖKKAYA İ., UZUNKAYA Ç., Project Supported by Higher Education Institutions, Alchemilla pseudocartalinica Juz Bitkisi Üzerinde Fitokimyasal Araştırmalar ve Biyolojik Aktivite Çalışmaları, 2023 - Continues

5. ÖZEL A., YALÇIN C. Ö., BARUT B., AKKAYA D., ALTUN Y., SARI S., USTA B., Project Supported by Higher Education Institutions, Bazı Azol Türevlerinin Biyolojik Etkinliklerinin Değerlendirilmesi ve Moleküler Modelleme Çalışması, 2022 - Continues
6. KAHRİMAN N., SERDAROĞLU V., BARUT B., AYDIN A., Project Supported by Higher Education Institutions, HALOSÜBTİTÜE AMİNO KALKON PİRAZOLİN PİRİMİDİN TÜREVLERİNİN ve BOR KOMPLEKSLERİNİN SENTEZİ ENZİM İNHİBİSYONU ve KANSER HÜCRELERİ ÜZERİNDEKİ ETKİLERİNİN ARAŞTIRILMASI, 2022 - Continues
7. KAHRİMAN N., AYDIN A., BARUT B., SERDAROĞLU V., Project Supported by Higher Education Institutions, Ultrasonik Yöntem ile Kalkonlardan 5 ve 6 Üyeli Heterosiklik Bileşiklerin ve Bazı Bor Komplekslerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi, 2022 - Continues
8. Renda G., Barut E. N., Barut B., Yazıcı Bektaş N., Reis R., Yeşil Cantürk Y., TUBITAK Project, Verbascum longipedicellatum ve Verbascum kurdicum Türlerinden İnflamatuvar Solunum Yolu Hastalıkları İçin Potansiyel Aktif Bileşiklerin İzolasyonu Ve Olası In Vitro Aktivitelerinin Değerlendirilmesi, 2023 - 2026
9. Barut B., Bıyıklıoğlu Z., Yalçın C. Ö., Barut E. N., Seyhan G., Akkaya D., Altun Ali Y., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Endometrial kanser tedavisi için yeni FDT ajanların geliştirilmesi ve in vitro etkinliklerinin incelenmesi, 2024 - 2025
10. Barut B., Karakurt A., Alagöz M. A., Sarı S., Sabuncuoğlu S., Ataker Y., Project Supported by Higher Education Institutions, Antimikrobiyal ve kolinesteraz inhibitör etkili yeni azol türevlerinin yapıetki ilişkileri Sentez biyolojik aktivite ve moleküler modelleme çalışmaları, 2023 - 2024
11. BARUT B., ALTUN Y., BIYIKLIOĞLU Z., ÖZEL A., YALÇIN C. Ö., BARUT E. N., ENGİN S., AKKAYA D., Project Supported by Higher Education Institutions, Silisyum Ftalosiyanın Bileşiklerinin Kolorektal Kanser Hücre Hattına Karşı Fotodinamik Terapi Etkilerinin ve Wnt Yolağı ile İlişkinin Araştırılması, 2022 - 2024
12. BARUT B., YAZICI BEKTAŞ N., SEYHAN G., Project Supported by Higher Education Institutions, Epimedium pubigerum DC C Moren Decne Bitkisinin Biyolojik Etkinliklerinin İncelenmesi, 2022 - 2023
13. Barut B., Kulein B., TUBITAK Project, Suda Çözünür Magnezyum (II) Ftalosiyanın Bileşiklerinin DNA Etkileşimlerinin ve Fotodinamik Terapi Potansiyellerinin İncelenmesi , 2022 - 2023
14. Ceren R., Aydın E., Barut B., TUBITAK Project, Ficus Carica Bitkisinin Yaprak Ekstrelerinin Antioksidan, Tirosinaz İnhibisyonu Ve Dna Etkileşim Özelliklerinin İncelenmesi, 2021 - 2022
15. KANTEKİN H., ÖZEL A., YALAZAN H., DEMİRBAŞ Ü., BARUT B., Project Supported by Higher Education Institutions, KANSER VE ALZHEİMER HASTALIĞININ TEDAVİSİNE YÖNELİK TRİZOL GRUBU İÇEREN FTALOSİYANİNLERİN SENTEZİ FOTODİNAMİK TERAPİ VE BİYOLOJİK AKTİVİTE ÖZELLİKLERİNİN İNCELENMESİ, 2020 - 2022
16. Barut B., Renda G., Barut E. N., Özel A., Project Supported by Other Official Institutions, Senecio trapezuntinus (Trabzon kanaryaotu) ve Tchihatchewia isatidea (Alı gelin) bitki ekstrelerinin analizi ve farmakolojik aktiviteleri, 2019 - 2021
17. BIYIKLIOĞLU Z., BARUT B., ÖZEL A., BAŞ H., KELEŞ T., Project Supported by Higher Education Institutions, ULUSLARARASI - SUDA ÇÖZÜNEBİLEN AGREGASYON GÖSTERMEYEN AKCİĞERKARACIĞER MEME VE MELANOMA KANSER TÜRLERİNE KARŞI IN VITROANTİKANSER ETKİLİ YENİ BİR SİLİSYUM FTALOSİYANİN BİLEŞİĞİ, 2019 - 2020
18. Barut B., Özel A., Sarı S., Saraç Tarhan S., Project Supported by Higher Education Institutions, Kurum içi bir azol kütüphanesi içerisinde sanal aktivite tarama ile yeni alfa-glukozidaz inhibitör bileşiklerin keşfi, 2019 - 2020
19. DEMİRBAŞ Ü., KANTEKİN H., BARUT B., AKÇAY H. T., Project Supported by Higher Education Institutions, Suda Çözünebilen Yeni ÇinkoII ve BakırII Ftalosiyanın Sentezi Karakterizasyonu ve DNABSA Bağlanma ve DNA Fotoksesim Özelliklerinin İncelenmesi, 2019 - 2020
20. ÖZEL A., BIYIKLIOĞLU Z., DEMİRBAŞ Ü., YALÇIN C. Ö., BARUT B., ÇOBAN Ö., KELEŞ T., BAŞ H., ŞİRİN İ., Project Supported by Higher Education Institutions, Suda Çözünebilen BODİPY Bileşiklerinin Sentezi Fotokimyasal Özelliklerinin ve in vitro Hücresele Etki Mekanizmalarının İncelenmesi, 2019 - 2020
21. Çoban Ö., Özel A., Barut B., Yalçın C. Ö., Keleş T., Bıyıklıoğlu Z., Demirbaş Ü., Project Supported by Higher Education Institutions, Suda Çözünebilen BODİPY Bileşiklerinin Sentezi, Fotokimyasal Özelliklerinin ve In Vitro Hücresele Etki Mekanizmalarının İncelenmesi, 2019 - 2020
22. Barut B., Özel A., Şöhretoğlu D., Sarı S., Project Supported by Higher Education Institutions, Polidatin ve kirsospleninin DNA bağlanma modları, topoizomeraz enzim inhibitörü etkilerinin in vitro ve in siliko araştırılması, 2018 - 2020

23. BIYIKLIOĞLU Z., KELEŞ T., ÖZEL A., BARUT B., Project Supported by Higher Education Institutions, SUDA ÇÖZÜNEBİLEN AGREGASYON GÖSTERMEYEN AKCİĞER KARACİĞER MEME VE MELANOMA KANSER TÜRLERİNE KARŞI IN VITRO ANTİKANSER ETKİLİ YENİ BİR SİLİSYUM FTALOSİYANİN BİLEŞİĞİ, 2018 - 2020
24. BIYIKLIOĞLU Z., BAŞ H., ÖZEL A., BARUT B., Project Supported by Higher Education Institutions, DNA İLE ETKİLEŞEBİLEN TOPOİZOMERAZ İNHİBİSYONU GÖSTEREN VE ANTİKANSER ETKİLİ SUDA ÇÖZÜNEBİLEN AGREGASYON GÖSTERMEYEN YENİ BİR SİLİSYUM FTALOSİYANİN BİLEŞİĞİ VE SENTEZ YÖNTEMİ, 2018 - 2020
25. ÖZEL A., BARUT B., BARUT E. N., SEZEN F. S., ŞİRİN İ., Project Supported by Higher Education Institutions, Trimethoxysilyl propyl octadecyl ammonium chloride (Antimic) ürününün olası antibakteriyel etki mekanizmasının araştırılması, 2018 - 2019
26. ÇOBAN Ö., BIYIKLIOĞLU Z., ÖZEL A., YALÇIN C. Ö., BARUT B., Project Supported by Higher Education Institutions, Erlotinib ve Ferrosen türevli Ftalosiyanın İçeren Sığır Serum Albumini (BSA) Kaplı Lipozom Formülasyonlarının Geliştirilmesi ve Antitümoral Aktivitesinin İncelenmesi, 2018 - 2019
27. Barut B., Özel A., Sarı S., Şöhretoğlu D., Project Supported by Higher Education Institutions, Bazı flavonoidlerin alpha-glukozidaz ve tirozinaz enzim inhibitörü etki mekanizmalarının kinetik ve bilgisayarlı modelleme yöntemleriyle in vitro ve in silico araştırılması, 2018 - 2019
28. Bıyıklıoğlu Z., Özel A., Baş H., TÜBİTAK Project, Agregasyon Göstermeyen, Suda Çözünebilen Aksiyal Disübstitüe Yeni Silisyum Ftalosiyanın ve Naftalosiyanın Sentezi, DNA Bağlanma, DNA Kesim, Topoizomeraz İnhibitör Aktivitelerinin ve Bazı İnsan Kanser Hücrelerine Karşı Sitotoksitelerinin İncelenmesi, 2017 - 2019
29. DUMAN M., KAYA C., KERİMOĞLU G., ÖZEL A., BARUT E. N., ENGİN S., BARUT B., Project Supported by Higher Education Institutions, Pantoprazol ve Ambroksolün farelerde siklofosfamidle indüklenen hemorajik sistit üzerindeki protektif etkisinin araştırılması, 2018 - 2018
30. BIYIKLIOĞLU Z., BARUT B., Project Supported by Higher Education Institutions, Agregasyon Göstermeyen Silisyum Ftalosiyanın Sentezi ve Kolinesteraz Enzim İnhibisyonlarının İncelenmesi, 2017 - 2018
31. KANTEKİN H., DEMİRBAŞ Ü., BARUT B., ÖZEL A., Project Supported by Higher Education Institutions, Periferal Çevresinde Pentilfenoksi İçeren Metalli ve Metalsiz Ftalosiyanın Bileşiklerinin Sentezi Karakterizasyonu ve AsetilkolinesterazBütirilkolinesteraz Enzim İnhibisyonlarının İncelenmesi, 2017 - 2018
32. ÖZEL A., DEMİRBAŞ Ü., KANTEKİN H., BARUT B., Project Supported by Higher Education Institutions, Periferal ve NonPeriferal Çevrelerinde Piperidin Grupları İçeren Suda Çözünebilen Yeni ÇinkoII ve BakırII Ftalosiyanın Sentezi Karakterizasyonu ve Fotodinamik Terapide Kullanılma Potansiyellerinin İncelenmesi, 2017 - 2018
33. ÖZEL A., YAŞAR A., BARUT B., YILDIRIM S., ULAŞ N., ÇOŞKUNÇELEBİ K., Project Supported by Higher Education Institutions, Achillea millefolium Civan Perçemi Bitkisinin Uçucu Yağ Bileşenlerinin HSSPMEGCMSEFD Yöntemiyle Aydınlatılması Asetilkolin esteraz Butirilkolin esteraz ve Tirozinaz İnhibisyonunun ve Antioksidan Aktivitelerinin İncelenmesi, 2016 - 2017
34. Demirbaş Ü., Değirmencioğlu İ., TÜBİTAK Project, Benzotiyazol Grupları İçeren Yeni Ftalosiyanın Sentezi, Karakterizasyonu, Fotofiziksel ve Fotokimyasal Özelliklerinin İncelenmesi, 2014 - 2015

Awards

1. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Aralık 2023), Tübitak, December 2023
2. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Kasım 2023), Tübitak, November 2023
3. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Mart 2023), Tübitak, September 2023
4. Barut B., Teknofest2023/8. Uluslararası İstanbul Buluş Fuarı (ISIF'23) Altın Madalya Ödülü, 8. Uluslararası İstanbul Buluş Fuarı (Isif'23) , May 2023
5. Barut B., Altun Y., Akkaya D., Barut E. N., Baş H., Yalçın C. Ö., Bıyıklıoğlu Z., Uluslararası Biyokimya Kongresi 2022 // 33. Ulusal Biyokimya Kongresi En İyi Poster Ödülü, Uluslararası Biyokimya Kongresi 2022 // 33. Ulusal Biyokimya Kongresi, October 2022
6. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Eylül 2022), Tübitak, September 2022
7. Barut B., TEB ECZACILIK AKADEMİSİ 2021 YILI TEŞVİK ÖDÜLÜ, Türk Eczacıları Birliği Eczacılık Akademisi, September 2021
8. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Mayıs), Tübitak , May 2021

9. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Ağustos), Tübitak, August 2020
10. Barut B., 2019 Yılı Genç Bilim ve Sanat İnsanı Ödülü, Karadeniz Teknik Üniversitesi, August 2020
11. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Temmuz), Tübitak, July 2020
12. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Ocak), Tübitak, January 2020
13. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Aralık), Tübitak, December 2019
14. BARUT B., Prof. Dr. Nazmi ÖZER Bilim Ödülü (1.lik), Türk Biyokimya Derneği, December 2019
15. BARUT E. N., BARUT B., BEKAR M., BEKAR M., BARUT B., BARUT E. N., BARUT B., ÖZEL A., BARUT B., TAHAOĞLU G., Yayın Teşvik Ödülü, TÜBİTAK, October 2019
16. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Haziran), Tübitak , June 2019
17. BARUT B., 2018 Yılı Genç Bilim ve Sanat İnsanı Ödülü, Karadeniz Teknik Üniversitesi, May 2019
18. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Aralık), Tübitak , December 2018
19. BARUT B., Prof.Dr. Nazmi ÖZER Bilim Ödülü (2.lik), Türk Biyokimya Derneği, October 2018
20. BARUT B., BIYIKLIOĞLU Z., Prof. Dr. Nazmi ÖZER Bilim Ödülü (3.lük), Türk Biyokimya Derneği, October 2018
21. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Eylül), Tübitak , September 2018
22. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Temmuz), Tübitak, July 2018
23. BARUT B., BARUT B., BARUT B., BARUT B., ÖZEL A., BARUT B., BARUT B., BARUT B., VAROL T., DEMİR S., et al, Yayın Teşvik Ödülü, TÜBİTAK, July 2018
24. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Mart), Tübitak, March 2018
25. BARUT B., Kimyagerler Derneği 2. Araştırma Teşvik Ödülü, Kimyagerler Derneği, March 2018
26. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Ocak), Tübitak, January 2018
27. BARUT B., BIYIKLIOĞLU Z., ÖZEL A., Prof.Dr. Nazmi ÖZER Bilim Ödülü (2.lik), Türk Biyokimya Derneği, September 2017
28. BIYIKLIOĞLU Z., BARUT B., ÖZEL A., Uluslararası Biyokimya Kongresi En İyi Poster Bildiri Ödülü, Uluslararası Biyokimya Kongresi 2017, September 2017
29. Barut B., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (Mayıs), Tübitak, May 2017
30. BARUT B., 2016 Yılı Genç Bilim ve Sanat İnsanı Ödülü, Karadeniz Teknik Üniversitesi, May 2017
31. BARUT B., Karadeniz Teknik Üniversitesi Kimya Bölümü Birinciliği, Karadeniz Teknik Üniversitesi, June 2013
32. BARUT B., Karadeniz Teknik Üniversitesi Fen Fakültesi Birinciliği, Karadeniz Teknik Üniversitesi, June 2013

Scholarships

2228-B Yüksek Lisans Öğrencileri için Doktora Burs Programı, TUBİTAK, 2016 - 2020

Gönül Külahçioğlu Kanser Araştırmaları, Special Institutions and Organizations, 2017 - 2017

Gönül Külahçioğlu Kanser Araştırmaları, Special Institutions and Organizations, 2016 - 2016

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, October, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, October, 2023

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, October, 2023

Academic Staff Examination, Academic Staff Examination, Karadeniz Teknik Üniversitesi, February, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2022

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, March, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Non-aggregated and water soluble non-peripherally octa substituted Co(II) and Cu(II) phthalocyanines: Synthesis and α -glucosidase inhibitory effects**
BIYIKLIOĞLU Z., Bas H., SEYHAN G., BARUT B.
JOURNAL OF INORGANIC BIOCHEMISTRY, vol.257, 2024 (SCI-Expanded)
- 2. The synthesis and therapeutic effect of silicon(IV) phthalocyanines for colorectal cancer cells in photodynamic therapy by altering Wnt/13-catenin and apoptotic signaling**
BARUT B., BARUT E. N., YALÇIN C. Ö., Ali Y. A., AKKAYA D., SEYHAN G., ENGİN S., BIYIKLIOĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.453, 2024 (SCI-Expanded)
- 3. Synthesis and cholinesterases inhibitory effects of water soluble zinc(II) and silicon(IV) phthalocyanines bearing ($\{8-[3-(dimethylamino)phenoxy]octyl\}oxy$) groups**
Usta B., Seyhan G., Akkaya D., Barut B., Biyiklioğlu Z., Özel A.
APPLIED ORGANOMETALLIC CHEMISTRY, no.x, pp.1-10, 2024 (SCI-Expanded)
- 4. Evaluation of Hedera species as herbal medicine raw materials.**
Gökkaya İ., Yazici N., Seyhan G., Cakir O., Yilmaz M. A., Barut B., Renda G.
Natural product research, no.x, pp.1-8, 2024 (SCI-Expanded)
- 5. Effective α -glucosidase inhibitors based on polyphenolic benzothiazole heterocycles**
Sevimli E., SEYHAN G., AKKAYA D., SARI S., BARUT B., Koksoy B.
BIOORGANIC CHEMISTRY, vol.147, 2024 (SCI-Expanded)
- 6. In vitro cholinesterases, tyrosinase, α -glucosidase inhibitory and anticancer effects of novel silicon phthalocyanines containing geraniol/phytol**
Yalazan H., Barut B., Yalçın C. Ö., Kantekin H., Yıldırım S.
INORGANIC CHEMISTRY COMMUNICATION, no.x, pp.112548, 2024 (SCI-Expanded)
- 7. Nonperipherally and peripherally substituted water-soluble magnesium (II) phthalocyanines and their DNA binding, nuclease activities**
BARUT B., SEYHAN G., KELEŞ T., Kulein B., BIYIKLIOĞLU Z.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.38, no.5, 2024 (SCI-Expanded)
- 8. In vitro and in silico investigation of FDA-approved drugs to be repurposed against Alzheimer's disease**
Akkaya D., Seyhan G., Sari S., Barut B.
DRUG DEVELOPMENT RESEARCH, vol.85, no.3, 2024 (SCI-Expanded)
- 9. AChE/BuChE inhibitory, DNA nuclease and cytotoxic properties of axially 5-[6-(benzyloxy)-2H-1,3-benzoxazin-3(4H)-yl]pentanoxy and 5-[6-(hexyloxy)-2H-1,3-benzoxazin-3(4H)-yl]pentanoxy substituted silicon phthalocyanines**
Biyiklioğlu Z., Seyhan G., Öztürmen B. A., Kolci K., Reis R., Barut B.
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41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.156
61. **Senecio macrophyllus M. Bieb Bitkisinin GC-FID ve GC-MS Analizi,Uçucu Yağ, Metanol ve Sulu Ekstraktlarının Biyolojik Aktivitelerinin İncelenmesi**
FANDAKLI S., ULAŞ N., BARUT B., YAŞAR A., KAHRİMAN N., ÖZEL A., YAYLI N.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.183
62. **Rhododendron caucasicum Pallas Bitkisine Ait Metanol Ekstresinin Antioksidan Aktivitesinin ve ?-Glukozidaz Enzim İnhibisyonunun İncelenmesi**
FANDAKLI S., YAYLI B., BARUT B., ÖZEL A., RENDA G., YAYLI N.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.170
63. **Sambucus ebulus L.'nin Antioksidan Aktivitesinin ve Tirozinaz Enzim İnhibisyonunun İncelenmesi**
FANDAKLI S., BARUT B., KORKMAZ B., RENDA G., ÖZEL A., YAYLI N.
XXII. BİHAT, Trabzon, Turkey, 31 August - 01 September 2016, pp.178
64. **Coronilla orientalis Miller ve Coronilla varia L. Bitkilerinin Enzim İnhibisyonlarının ve DPPH Radikal Süpürücü Etkilerinin İncelenmesi**
BARUT B., YAYLI B., RENDA G., ÖZEL A.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.116
65. **Ambroxol improves cyclophosphamide-induced oxidative damage and contractility in mice urinary bladder**
BARUT E. N., ENGİN S., BARUT B., ABUDAYYAK M., DUMAN M., ÖZEL A.
7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.349
66. **Secondary metabolites from Alchemilla barbatiflora Juz**
RENDA G., KANDEMİR Ü., LIPTAJ T., SORAL M., KORKMAZ B., BARUT B., ÖZEL A.
Trends in Natural Product Research: A Young Scientist Meeting of PSE and IUNG, Pulawy, Poland, 30 May - 02 June 2016, pp.84
67. **Cholinesterase and Tyrosinase Inhibitory Activities of Two Astragalus L. Species From Turkey**
BARUT B., SEVGİ S., RENDA G., ÖZEL A., YAĞCI F. N.
Gazi Pharma Symposium, Antalya, Turkey, 12 - 15 November 2015, pp.114
68. **Titanyum(IV) Ftalosiyanın Bileşiklerinin DNA Etkileşimleri ve Antioksidan Aktivitelerinin İncelenmesi**
BARUT B., ÖZEL A., DEMİRBAŞ Ü., BIYIKLIOĞLU Z.
XXVII. Ulusal Biyokimya Kongresi, Antalya, Turkey, 3 - 06 November 2015, vol.40, no.1, pp.256
69. **Analysis Of Phenolic Compounds And Antioxidant Activity Of Three Ornithogalum L. Species**
RENDA G., ÖZEL A., KORKMAZ B., BARUT B., ÇOL AYVAZ M., AKYÜZ TURUMTAY E.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
70. **Phenolic Compounds and Antioxidant Activities of Lichen Pertusaria sp**
BARUT B., YILDIRIM S., ÖZEL A., YAŞAR A.
ISOPS 11th International Symposium on Pharmaceutical Science, ANKARA, 9 - 13 June 2015

Academic and Administrative Experience

2024 - Continues	Assistant Manager of Research and Application Center	Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık
2023 - Continues	Faculty Management Board Member	Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık

2023 - Continues	Faculty Board Member	Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık
2023 - Continues	Applied Research Center Board Member	Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık
2022 - Continues	Internship Coordinator	Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık
2022 - Continues	University Academic Incentive Evaluation Commission Member	Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık

Courses

Biyokimyada Araştırma Metotları-1, Postgraduate, 2023 - 2024, 2022 - 2023
Araştırma Projesi-II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Biyokimyada Araştırma Teknikleri, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Hücrel Yaşlanmanın Mekanizmaları, Doctorate, 2023 - 2024
Kanser Tedavi Yöntemleri, Doctorate, 2023 - 2024, 2022 - 2023
Protein Kimyası ve Yapısal Analizi, Doctorate, 2023 - 2024
Minarellerin Biyokimyasal Önemi, Doctorate, 2022 - 2023
Fotodinamik Terapi Uygulamaları, Postgraduate, 2022 - 2023, 2021 - 2022
Biyokimya-I, Undergraduate, 2023 - 2024
Biyokimyada Son Gelişmeler, Doctorate, 2023 - 2024, 2022 - 2023
Hücre Biyolojisi ve Genetik, Doctorate, 2022 - 2023
Klinik Biyokimya, Undergraduate, 2022 - 2023
Biyoenerjetik ve Metabolizma, Postgraduate, 2021 - 2022
Biyokimya - II Laboratuvarı, Undergraduate, 2021 - 2022
Araştırma Projesi Dersi - II, Undergraduate, 2021 - 2022
Metabolizmanın Biyokim.Temelleri, Doctorate, 2021 - 2022
Biyokimya - II, Undergraduate, 2021 - 2022
Moleküler Biyoloji, Undergraduate, 2021 - 2022
Biyokimyada Araştırma Metodları-I, Postgraduate, 2021 - 2022
Moleküler Biyoloji, Undergraduate, 2020 - 2021
Biyokimya II Laboratuvarı, Undergraduate, 2020 - 2021
Temel Biyokimya, Postgraduate, 2021 - 2022
Araştırma Projesi, Undergraduate, 2021 - 2022

Advising Theses

Barut B., Epimedium pubigerum (DC.) C. Moren & Decne Bitkisinin Biyolojik Etkinliklerinin İncelenmesi, Postgraduate, G.Seyhan(Student), 2023

Patent

Water-Soluble, Non-Aggregated Silicon Phtalocyanine Compounds Having In Vitro Anticancer Effect Against Cancer Types of Lung, Liver, Brest And Melanoma, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: WO2020068015 , Standard Registration, 2024

Bıyıkhoğlu Z., Özel A., Barut B., Keleş T., Suda Çözünebilen Agregasyon Göstermeyen Akciğer Karaciğer Meme ve Melanoma Kanser Türlerine Karşı In Vitro Antikanser Etkili Yeni Bir Silisyum Ftalosiyanın Bileşiği, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2018/14012 , Standard Registration, 2022

Bıyıkhoğlu Z., Barut B., Baş H., Özel A., DNA ile etkileşebilen, topoizomeraz inhibisyonu gösteren ve antikanser etkili suda çözünebilen, agregasyon göstermeyen yeni bir silisyum ftalosiyanın bileşiği ve sentez yöntemi., Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 201814010 , Standard Registration, 2021

Activities in Scientific Journals

TÜRKİYE KLİNİKLERİ DERGİLERİ, Advisory Committee Member, 2023 - Continues
TURKISH JOURNAL OF BIOCHEMISTRY, Committee Member, 2023 - Continues

Memberships / Tasks in Scientific Organizations

Türk Biyokimya Derneği, Member, 2016 - Continues, Turkey

Scientific Refereeing

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Journal Indexed in SCI-E, July 2024
FOOD BIOSCIENCE, Journal Indexed in SCI-E, July 2024
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Journal Indexed in SCI-E, July 2024
PHYTOMEDICINE, Journal Indexed in SCI-E, July 2024
JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, June 2024
APPLIED ORGANOMETALLIC CHEMISTRY, Journal Indexed in SCI-E, May 2024
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, May 2024
CHEMISTRY AND BIODIVERSITY, Journal Indexed in SCI-E, May 2024
COMPUTERS IN BIOLOGY AND MEDICINE, Journal Indexed in SCI-E, April 2024
BMC Chemistry, Journal Indexed in SCI-E, April 2024
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Journal Indexed in SCI-E, March 2024
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, March 2024
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, Journal Indexed in SCI-E, March 2024
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, February 2024
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, Journal Indexed in SCI-E, February 2024
FOOD BIOSCIENCE, Journal Indexed in SCI-E, February 2024
SOUTH AFRICAN JOURNAL OF BOTANY, Journal Indexed in SCI-E, January 2024
FOOD RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, December 2023
COMPUTATIONAL BIOLOGY AND CHEMISTRY, Journal Indexed in SCI-E, November 2023
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Journal Indexed in SCI-E, November 2023
INORGANIC CHEMISTRY COMMUNICATION, Journal Indexed in SCI-E, November 2023
Project Supported by Higher Education Institutions, BAP Research Project, Trakya University, Turkey, November 2023
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, October 2023
Hacettepe University Journal of the Faculty of Pharmacy, Other Indexed Journal, October 2023
Journal of Faculty of Pharmacy of Ankara University, Journal Indexed in ESCI, October 2023
FITOTERAPIA, Journal Indexed in SCI-E, October 2023
Journal Of Faculty of Pharmacy of Ankara University, Journal Indexed in ESCI, October 2023
Project Supported by Higher Education Institutions, BAP Research Project, Kütahya Health Sciences University, Turkey, October 2023
FOOD CHEMISTRY, Journal Indexed in SCI-E, September 2023
JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, August 2023
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, August 2023
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, Journal Indexed in SCI-E, August 2023

JOURNAL OF COORDINATION CHEMISTRY, Journal Indexed in SCI-E, August 2023
FOOD RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, May 2023
FOOD BIOSCIENCE, Journal Indexed in SCI-E, May 2023
Haydarpaşa Numune Medical Journal, National Scientific Refreed Journal, May 2023
FOOD CHEMISTRY, Journal Indexed in SCI-E, May 2023
INTERNATIONAL JOURNAL OF PHARMACEUTICS, Journal Indexed in SCI-E, April 2023
JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, March 2023
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, March 2023
FOOD CHEMISTRY, Journal Indexed in SCI-E, February 2023
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Türkiye Sağlık Enstitüleri Başkanlığı, Turkey, February 2023
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, January 2023
APPLIED ORGANOMETALLIC CHEMISTRY, Journal Indexed in SCI-E, January 2023
CHEMISTRY AND BIODIVERSITY, Journal Indexed in SCI-E, January 2023
FOOD CHEMISTRY, Journal Indexed in SCI-E, October 2022
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, October 2022
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, October 2022
PHARMACOLOGICAL RESEARCH, Journal Indexed in SCI-E, August 2022
Turkish Journal Of Pharmaceutical Chemistry, Journal Indexed in ESCI, August 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Türkiye Sağlık Enstitüleri Başkanlığı, Turkey, July 2022
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, April 2022
FRONTIERS IN GENETICS, Journal Indexed in SCI-E, February 2022
TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, January 2022
FOOD CHEMISTRY, Journal Indexed in SCI-E, January 2022
RSC ADVANCES, Journal Indexed in SCI-E, January 2022
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, December 2021
ELECTROANALYSIS, Journal Indexed in SCI-E, December 2021
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, December 2021
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, November 2021
Project Supported by Higher Education Institutions, BAP Research Project, University Of Health Sciences, Turkey, November 2021
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, October 2021
FOOD CHEMISTRY, Journal Indexed in SCI-E, October 2021
JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, October 2021
JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, October 2021
JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, October 2021
FOOD AND FUNCTION, Journal Indexed in SCI-E, September 2021
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, August 2021
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, August 2021
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, August 2021
JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, August 2021
FOOD CHEMISTRY, Journal Indexed in SCI-E, July 2021
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, July 2021
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, June 2021
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, June 2021
TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, May 2021
BIOMEDICINE AND PHARMACOTHERAPY, Journal Indexed in SCI-E, May 2021
ALL LIFE, Journal Indexed in SCI-E, May 2021
Polycyclic Aromatic Compounds, Journal Indexed in SCI-E, April 2021
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, March 2021

BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, March 2021
JOURNAL OF HERBAL MEDICINE, Journal Indexed in SCI-E, March 2021
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical University, Turkey, March 2021
CHEMISTRYSELECT, Journal Indexed in SCI-E, February 2021
Journal of Research in Pharmacy, Journal Indexed in ESCI, February 2021
JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, January 2021
PLASMID, Journal Indexed in SCI-E, November 2020
CHEMISTRYSELECT, Journal Indexed in SCI-E, October 2020
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, October 2020
TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, October 2020
FOOD RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, September 2020
FOOD RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, September 2020
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, September 2020
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, September 2020
Journal of Research in Pharmacy, Journal Indexed in ESCI, September 2020
MATERIALS & DESIGN, Journal Indexed in SCI-E, July 2020
Journal of Research in Pharmacy, Journal Indexed in ESCI, June 2020
FOOD RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, May 2020
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, May 2020
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, Journal Indexed in SCI-E, May 2020
BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, Journal Indexed in SCI-E, April 2020
Journal of Research in Pharmacy, Journal Indexed in ESCI, March 2020
Journal of Research in Pharmacy, Journal Indexed in ESCI, March 2020
Chemical Data Collections, Other Indexed Journal, March 2020
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, Journal Indexed in SCI-E, February 2020
JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, February 2020
Iranian Journal of Chemistry and Chemical Engineering, Journal Indexed in SCI-E, January 2020
JOURNAL OF HETEROCYCLIC CHEMISTRY, Journal Indexed in SCI-E, December 2019
Journal of Chinese Chemistry Society, Journal Indexed in SCI-E, December 2019
Current Bioactive Compounds , Other Indexed Journal, November 2019
JOURNAL OF HETEROCYCLIC CHEMISTRY, Journal Indexed in SCI-E, October 2019
Current Bioactive Compounds , Other Indexed Journal, August 2019
APPLIED ORGANOMETALLIC CHEMISTRY, Journal Indexed in SCI-E, July 2019
FOOD AND FUNCTION, Journal Indexed in SCI-E, July 2019
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, Journal Indexed in SCI-E, July 2019
JOURNAL OF HETEROCYCLIC CHEMISTRY, Journal Indexed in SCI-E, July 2019
JOURNAL OF HETEROCYCLIC CHEMISTRY, Journal Indexed in SCI-E, July 2019
BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, Journal Indexed in SCI-E, July 2019
JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, June 2019
JOURNAL OF FOOD BIOCHEMISTRY, Journal Indexed in SCI-E, May 2019
BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, April 2019
Current Bioactive Compounds , Other Indexed Journal, March 2019
Current Bioactive Compounds , Other Indexed Journal, November 2018
Current Bioactive Compounds , Other Indexed Journal, November 2018
Current Bioactive Compounds , Other Indexed Journal, November 2018
BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, Journal Indexed in SCI-E, August 2018
Current Bioactive Compounds, Other Indexed Journal, July 2018
BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, Journal Indexed in SCI-E, March 2018
CHEMISTRYSELECT, Journal Indexed in SCI-E, February 2018
CHEMISTRYSELECT, Journal Indexed in SCI-E, February 2018

CHEMISTRYSELECT, Journal Indexed in SCI-E, December 2017
CHEMISTRYSELECT, Journal Indexed in SCI-E, September 2017
CHEMISTRYSELECT, Journal Indexed in SCI-E, June 2017
PHARMACEUTICAL BIOLOGY, Journal Indexed in SCI-E, May 2016

Scientific Research / Working Group Memberships

Biopharmacy Research Group, Karadeniz Technical University, Turkey, <https://avesis.ktu.edu.tr/arastirma-grubu/bprg>,
2024 - Continues

Metrics

Publication: 211
Citation (WoS): 1410
Citation (Scopus): 1495
H-Index (WoS): 24
H-Index (Scopus): 25

Congress and Symposium Activities

TBS International Biochemistry Congress 2021-33rd National Biochemistry Congress, Attendee, İzmir, Turkey, 2022
4th International Eurasian Conference on Biological and Chemical Sciences , Moderator, Ankara, Turkey, 2021
4th International Eurasian Conference on Biological and Chemical Sciences, Attendee, Ankara, Turkey, 2021
TBS International Biochemistry Congress 2021-32nd National Biochemistry Congress, Attendee, Gaziantep, Turkey, 2021
33. Ulusal Kimya Kongresi, Attendee, Tekirdağ, Turkey, 2021
3rd International Gazi Pharma Symposium Series (GPSS-2021), Attendee, Ankara, Turkey, 2021
13th International Symposium on Pharmaceutical Sciences (ISOPS), Attendee, Ankara, Turkey, 2021
31. Ulusal Biyokimya Kongresi 2020, Invited Speaker, Ankara, Turkey, 2020
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019 / XXX. National Congress of the Turkish Biochemistry Society TBS 2019, Invited Speaker, Antalya, Turkey, 2019
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019 / XXX. National Congress of the Turkish Biochemistry Society TBS 2019, Moderator, Antalya, Turkey, 2019
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019 / XXX. National Congress of the Turkish Biochemistry Society TBS 2019, Attendee, Antalya, Turkey, 2019
TBS International Biochemistry Congress 2018 29th National Biochemistry Congress, Attendee, Muğla, Turkey, 2018
Prof. Dr. Alaeddin Akcasu XXVII. Farmakoloji Eğitiminde Kuşaklararası Bilimsel Etkileşme Seminerleri, Attendee, Çankırı, Turkey, 2018
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, Attendee, Erzurum, Turkey, 2017
Uluslararası Biyokimya Kongresi 2017- 28. Ulusal Biyokimya Kongresi, Attendee, Erzurum, Turkey, 2017
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, Attendee, İstanbul, Turkey, 2017
Prof. Dr. Alaeddin Akcasu XXVI. Farmakoloji Eğitiminde Kuşaklararası Bilimsel Etkileşim Seminerleri, Attendee, Ankara, Turkey, 2017
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Attendee, Trabzon, Turkey, 2016
7th European Congress of Pharmacology, Attendee, İstanbul, Turkey, 2016
11 th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2015

Research Areas

Health Sciences, Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Biochemistry, Biochemistry, Bioinorganic Chemistry, Enzyme Kinetics, Chemistry of Macromolecules, Natural Sciences

Non Academic Experience

Türk Biyokimya Derneđi