

# LEYLA YURTTAŞ

## PROF.DR.

E-posta : lyurttas@anadolu.edu.tr

Uluslararası Araştırmacı ID'leri

ScholarID: FGhhKTcAAAAJ

ORCID: 0000-0002-0957-6044

ScopusID: 35811419600

Yoksis Araştırmacı ID: 19671

### Öğrenim Bilgisi

|                              |  |
|------------------------------|--|
| Doktora<br>2009 - 2012       | Anadolu Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Türkiye         |
| Yüksek Lisans<br>2006 - 2009 | Anadolu Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Türkiye |
| Lisans<br>2002 - 2006        | Anadolu Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Türkiye                        |

### Yaptığı Tezler

Doktora, Bazı 1-(2-aril-2-okzoetil)-2-[(morfolin-4-il)tiyoksometil]benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Anadolu Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 2012

Yüksek Lisans, Bazı 1,2,3-trisüstitüe pirazino benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Anadolu Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 2009

### Akademik Unvanlar / Görevler

|                                    |  |
|------------------------------------|--|
| Prof.Dr.<br>2020 - Devam Ediyor    | Anadolu Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü |
| Yrd.Doç.Dr.<br>2013 - Devam Ediyor | Anadolu Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü |
| Araştırma Görevlisi<br>2006 - 2013 | Anadolu Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü |

### Desteklenen Projeler

- YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Naftalen halkası taşıyan tiyazol türevlerinin sentezi ve biyolojik aktivitelerinin araştırılması, 2020 - Devam Ediyor
- YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, 5-Nitrotiyofen İçeren Tiyazol Türevlerinin Sentezi ve

Biyolojik Aktivite Çalışmaları, 2020 - Devam Ediyor

3. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Hidrazino-Tiyazol Türevlerinin Sentezi, Antikanser ve Antikolinesteraz Aktivitelerinin Araştırılması, 2020 - Devam Ediyor
4. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Asetamit kalıntısı taşıyan yeni 1,3,4-oksadiazol türevlerinin sentezi ve antikanser aktivitelerinin araştırılması, 2019 - Devam Ediyor
5. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Yeni Açılıtyosemikarbazit Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2019 - Devam Ediyor
6. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı Yeni Benzotiyazol-piperazin Türevlerinin Sentezi ve Biyolojik Etkinliklerinin Araştırılması, 2017 - Devam Ediyor
7. YURTTAŞ L., Bazı piridil substitue tiyazolil triazol türevlerinin sentezi ve antimikrobiyal etkilerinin araştırılması, Devam Ediyor
8. YURTTAŞ L., Bazı 1 2 3 trisubstitüe pirazino benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Devam Ediyor
9. YURTTAŞ L., Bazı 2 4 substitüeaminofenil benzotiyazol türevlerinin sentezi ve antikanser etkilerinin saptanması, Devam Ediyor
10. GÜNDOĞDU KARABURUN N., YURTTAŞ L., Bazı substitüe auron veya auron analogu bileşiklerin sentezi ve antikanser etkilerinin araştırılması, Devam Ediyor
11. Acar Çevik U., Gündoğdu Karaburun N., Kaplancıklı Z. A., Özkay Y., Karaburun A. Ç., Osmaniye D., Levent S., Sağlık B. N., Yurttas L., Ilgın S., Yükseköğretim Kurumları Destekli Proje, Monoamin Oksidaz İnhibitörleri Olarak Yeni Benzofuran-Tiyazolilhidrazon Türevlerinin Tasarımı, Sentezi ve Biyolojik Etki Çalışmaları, 2020 - 2022
12. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı N-[5-((3,5-diklorofenoksi)metil)-1,3,4-tiyadiazol-2-il]-2-(substitüe tiyo)asetamit Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2019 - 2020
13. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Arilamino substitüe merkaptto imidazol türevlerinin sentezi ve düşük karbon çeliğinin asidik ortamdaki korozyonuna inhibitör etkilerinin incelenmesi, 2018 - 2020
14. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı 2-[(Asetamidofenoksi)metil]-4H-1,2,4-triazol Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2018 - 2019
15. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı N-(5-metil-4-feniltiyazol-2-il)-2-(substitüe merkapttoaril)asetamit Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2017 - 2018
16. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Yeni 2-(4-substitüe piperazin-1-il)-4-(substitüe fenil)tiyazol türevlerinin sentezi ve antikolinesteraz aktivitelerinin araştırılması, 2016 - 2018
17. YURTTAŞ L., AKALIN ÇİFTÇİ G., Yükseköğretim Kurumları Destekli Proje, Yeni N-(3,4-Disubstitüetiyazoliden)-2-(Tetrahidronaftalen-2-il)oksiasetohidrazid Türevlerinin Sentezleri, Yapılarının Aydınlatılması ve Antikanser, Enzim İnhibisyon Etkilerinin Araştırılması, 2015 - 2018
18. YURTTAŞ L., DEMİRAYAK Ş., Yükseköğretim Kurumları Destekli Proje, Tiyazol kalıntısı içeren tiyosemikarbazon türevlerinin sentezi ve antikanser etkilerinin araştırılması, 2016 - 2017
19. DEMİRAYAK Ş., YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı substitüe tiyazolil sülfonamid türevlerinin sentezi ve antikanser etkilerinin araştırılması, 2016 - 2017
20. AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Yeni 1,2,4-triazin türevlerinin sentezi ve biyolojik aktivitelerinin değerlendirilmesi, 2016 - 2017
21. YURTTAŞ L., TEMEL H. E., AKALIN ÇİFTÇİ G., Yükseköğretim Kurumları Destekli Proje, 1-Fenilamino-2-tiyo-4,5-dimetil-1H-imidazol türevlerinin sentezi ve antikanser ve antienflamatuvar etkileri, 2016 - 2017
22. YURTTAŞ L., KAYA ÇAVUŞOĞLU B., TEMEL H. E., AKALIN ÇİFTÇİ G., Yükseköğretim Kurumları Destekli Proje, Bazı 2,5-Disubstitüe Oksadiazol Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2016 - 2017
23. YURTTAŞ L., TÜBİTAK Projesi, Non Steroidal Yapılı Aromataz Enzim İnhibitörleri Üzerine Çalışmalar 4 aril heteroaril 2 pirimidin 2 il tiyazol Türevleri, 2015 - 2016
24. AKALIN ÇİFTÇİ G., YURTTAŞ L., TEMEL H. E., Yükseköğretim Kurumları Destekli Proje, Yeni N dibenzo b d furan 3 il 2 ariloksiasetamit türevlerinin sentezi ve biyolojik aktivitelerinin değerlendirilmesi, 2015 - 2016
25. AKALIN ÇİFTÇİ G., YURTTAŞ L., TEMEL H. E., Yükseköğretim Kurumları Destekli Proje, Bazı 2 5 6 difenil 1 2 4 triazin 3 il tiyo N tiyazol benzotiyazol 2 il asetamid türevlerinin sentezi ve biyolojik aktivitelerinin değerlendirilmesi, 2015 - 2016
26. YURTTAŞ L., CANTÜRK Z., Yükseköğretim Kurumları Destekli Proje, Yeni N ariliden 2 4 metilsülfonil piperazin 1 il

- asetohidrazit Türevlerinin Sentezi ve Sitotoksik Açından Değerlendirilmesi, 2015 - 2016
27. DEMİRAYAK Ş., YURTTAŞ L., TÜBİTAK Projesi, Non Steroidal Yapılı Aromataz Enzim İnhibitörleri Üzerine Çalışmalar 4-(aril/heteroaril)-2-(pirimidin-2- il)tiyazol Türevleri, 2015 - 2016
  28. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı 2 piridil 4 süstitüe fenol tiyazol türevlerinin sentezi ve aromataz inhibisyonu etkilerinin araştırılması, 2015 - 2015
  29. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı tiyazol türevlerinin sentezi ve aromataz inhibisyonu ve antikanser etkilerinin araştırılması, 2015 - 2015
  30. TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı Morfolin Kalıntısı Taşıyan Benzimidazol Türevlerinin Antikanser ve Enzim İnhibisyon Etkileri, 2014 - 2015
  31. AKALIN ÇİFTÇİ G., YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı 1 2 aril 2 okzoetil benzimidazol türevlerinin antikanser etkileri, 2014 - 2015
  32. YURTTAŞ L., KAPLANCIKLİ Z. A., Yükseköğretim Kurumları Destekli Proje, Hidrazon Kalıntısı İçeren Benzotiyazol Türevlerinin Sentezi ve Antifungal Etkilerinin Araştırılması., 2014 - 2015
  33. ÖZDEMİR A., YURTTAŞ L., KAPLANCIKLİ Z. A., ÖZKAY Y., TURAN G., DEMİR ÖZKAY Ü., Yükseköğretim Kurumları Destekli Proje, 4 2 Pirimidinil piperazin 1 karboditiyoik Asit Türevlerinin Sentezi ve Antikolinesteraz Aktivitelerinin Araştırılması, 2013 - 2015
  34. YURTTAŞ L., Yükseköğretim Kurumları Destekli Proje, Bazı 1 2 aril 2 okzoetil 2 morfolin 4 il tiyoksometil benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, 2011 - 2012

#### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. **New oxadiazole/triazole derivatives with antimicrobial and antioxidant properties**  
Dawbaa S., Nuha D., EVREN A. E., Cankiliç M. Y., YURTTAŞ L., TURAN G.  
Journal of Molecular Structure, cilt.1282, 2023 (SCI-Expanded)
2. **Discovery of novel potent human chondrosarcoma (SW1353) inhibitors: 4-(2/3/4-pyridyl)thiazole 2-acetamide derivatives**  
COŞKUN G. P., Sahin Z., ERDOĞAN Ö., ÇEVİK Ö., Biltekin S. N., YURTTAŞ L., BERK B., ÜLGEN M., DEMİRAYAK Ş.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1273, 2023 (SCI-Expanded)
3. **Investigation of Novel Quinoline-Thiazole Derivatives as Antimicrobial Agents: In Vitro and In Silico Approaches**  
EVREN A. E., KARADUMAN A. B., SAĞLIK B. N., ÖZKAY Y., YURTTAŞ L.  
ACS OMEGA, 2022 (SCI-Expanded)
4. **Synthesis, anticholinesterase activity, molecular docking, and molecular dynamic simulation studies of 1,3,4-oxadiazole derivatives**  
Durmaz S., Evren A. E., SAĞLIK B. N., YURTTAŞ L., TAY N. F.  
ARCHIV DER PHARMAZIE, cilt.355, sa.11, 2022 (SCI-Expanded)
5. **Synthesis of some 5,6-diaryl-1,2,4-triazine derivatives and investigation of their cyclooxygenase (COX) inhibitory activity**  
Ertas M., Biltekin S. N., BERK B., YURTTAŞ L., DEMİRAYAK Ş.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.197, sa.11, ss.1123-1135, 2022 (SCI-Expanded)
6. **Novel benzofurane carbonyl analogs of donepezil as acetylcholinesterase inhibitors**  
Sahin Z., Biltekin S. N., YURTTAŞ L., BERK B., Kucukkilinc T. T., DEMİRAYAK Ş.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1264, 2022 (SCI-Expanded)
7. **Synthesis, density functional theory calculation, molecular docking studies, and evaluation of novel 5-nitrothiophene derivatives for anticancer activity**  
Nuha D., Evren A. E., ciyanci Z. S., TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
ARCHIV DER PHARMAZIE, cilt.355, sa.9, 2022 (SCI-Expanded)
8. **Synthesis, antimicrobial activity and modeling studies of thiazoles bearing pyridyl and triazolyl scaffolds**

TAY N. F., BERK B., DURAN M., KAYAĞİL İ., YURTTAŞ L., Biltekin Kaleli S. N., YAMAÇ M., Karaduman A. B., DEMİRAYAK Ş.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.77, sa.9-10, ss.429-446, 2022 (SCI-Expanded)

9. **Synthesis and in vitro antitumor activities of novel thioamide substituted piperazinyl-1,2,4-triazines**  
Sahin Z., Biltekin S. N., Ozansoy M., Hemis B., Ozansoy M. B., YURTTAŞ L., BERK B., DEMİRAYAK Ş.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.59, sa.8, ss.1333-1340, 2022 (SCI-Expanded)
10. **Novel benzofurane-pyrazole derivatives with anti-inflammatory, cyclooxygenase inhibitory and cytotoxicity evaluation**  
Sahin Z., Ozhan Y., ŞİPAHİ H., Biltekin S. N., YURTTAŞ L., BERK B., DEMİRAYAK Ş.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.77, sa.7-8, ss.279-285, 2022 (SCI-Expanded)
11. **New chromanone derivatives containing thiazoles: Synthesis and antitumor activity evaluation on A549 lung cancer cell line**  
YURTTAŞ L., TEMEL H. E., Aksoy M. O., Bulbul E. F., AKALIN ÇİFTÇİ G.  
DRUG DEVELOPMENT RESEARCH, cilt.83, sa.2, ss.470-484, 2022 (SCI-Expanded)
12. **Synthesis of novel thiazolyl hydrazone derivatives as potent dual monoamine oxidase-aromatase inhibitors**  
Evren A. E., Nuha D., Dawbaa S., SAĞLIK B. N., YURTTAŞ L.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.229, 2022 (SCI-Expanded)
13. **Apoptotic Effect of Novel Benzimidazole Derivatives Bearing Pyridyl/Pyrimidinyl Piperazine Moiety**  
AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.22, sa.9, ss.1780-1792, 2022 (SCI-Expanded)
14. **Synthesis, antimicrobial and antioxidant activities of pyridyl substituted thiazolyl triazole derivatives**  
TAY N. F., DURAN M., KAYAĞİL İ., YURTTAŞ L., GÖGER G., GÖGER F., DEMİRCİ F., DEMİRAYAK Ş.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.58, 2022 (SCI-Expanded)
15. **Synthesis of New Thiazole Derivatives Bearing Thiazolidin-4(5H)-One Structure and Evaluation of Their Antimicrobial Activity**  
Evren A. E., YURTTAŞ L., Gencer H. K.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.58, 2022 (SCI-Expanded)
16. **Synthesis of new thiazole derivatives and evaluation of their antimicrobial and cytotoxic activities**  
Dawbaa S., Evren A. E., CANTÜRK Z., YURTTAŞ L.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.196, sa.12, ss.1093-1102, 2021 (SCI-Expanded)
17. **Design and synthesis of new 4-methylthiazole derivatives: In vitro and in silico studies of antimicrobial activity**  
Evren A. E., Dawbaa S., Nuha D., Yavuz S. A., GÜL Ü. D., YURTTAŞ L.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1241, 2021 (SCI-Expanded)
18. **Design and synthesis of novel 2,4,5-thiazole derivatives as 6-APA mimics and antimicrobial activity evaluation**  
Nuha D., Evren A. E., Yilmaz Cankilic M., YURTTAŞ L.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.196, sa.10, ss.954-960, 2021 (SCI-Expanded)
19. **Evaluation of new sulfathiazole derivatives as antiproliferative agents**  
YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.46, sa.5, ss.533-539, 2021 (SCI-Expanded)
20. **New indane derivatives containing 2-hydrazinotriazole as potential acetylcholinesterase and monoamine oxidase-B inhibitors**  
Ates I. O., Evren A. E., SAĞLIK B. N., YURTTAŞ L.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.76, sa.9-10, ss.417-424, 2021 (SCI-Expanded)

21. **Synthesis, characterization, COX1/2 inhibition and molecular modeling studies on novel 2-thio-diarylimidazoles**  
Sahin Z., Kocoglu Kalkan M., BERK B., YURTTAŞ L., Bender C., Biltekin Kaleli S. N., DEMİRAYAK Ş.  
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.6, ss.1841-1885, 2021 (SCI-Expanded)
22. **Arylamino Substituted Mercaptoimidazole Derivatives as New Corrosion Inhibitors for Carbon Steel in Acidic Media: Experimental and Computational Study**  
DURAN B., YURTTAŞ L., DURAN M.  
JOURNAL OF ELECTROCHEMICAL SCIENCE AND TECHNOLOGY, cilt.12, sa.3, ss.365-376, 2021 (SCI-Expanded)
23. **Design and Efficient Synthesis of Novel 4,5-Dimethylthiazole-Hydrazone Derivatives and their Anticancer Activity**  
Evren A. E., YURTTAŞ L., Ekselli B., Aksoy O., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.18, sa.4, ss.372-386, 2021 (SCI-Expanded)
24. **Novel cyanothiouracil and cyanothiocytosine derivatives as concentration-dependent selective inhibitors of U87MG glioblastomas: Adenosine receptor binding and potent PDE4 inhibition**  
Sahin Z., Biltekin S. N., YURTTAŞ L., BERK B., Ozhan Y., ŞİPAHİ H., Gao Z., Jacobson K. A., DEMİRAYAK Ş.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.212, 2021 (SCI-Expanded)
25. **Novel N-(2-Niethoxydibenzofuran-3-yl)-2-aryloxyacetamide Derivatives: Synthesis and Biological Investigation**  
YURTTAŞ L., Cavuosolu B. K., TEMEL H. E., Ciftci G. A.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.18, sa.5, ss.471-479, 2021 (SCI-Expanded)
26. **Novel 2-(2-hydrazinyl)thiazole derivatives as chemotherapeutic agents**  
YURTTAŞ L., ÇAVUŞOĞLU B. K., Cavusoglu Z.  
SYNTHETIC COMMUNICATIONS, cilt.50, sa.20, ss.3072-3079, 2020 (SCI-Expanded)
27. **Design and synthesis of new donepezil analogs derived from arylpiperazine scaffold as acetylcholinesterase inhibitors**  
Sahin Z., Biltekin S. N., Buelbuel E. F., YURTTAŞ L., BERK B., DEMİRAYAK Ş.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.196, sa.3, ss.283-293, 2020 (SCI-Expanded)
28. **Synthesis of some novel 3,4,5-trisubstituted triazole derivatives bearing quinoline ring and evaluation of their antimicrobial activity**  
YURTTAŞ L., Kubilay A., Evren A. E., Kisacik I., Karaca Gencer H.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.195, sa.9, ss.767-773, 2020 (SCI-Expanded)
29. **Synthesis of novel N-(naphthalen-1-yl)propanamide derivatives and evaluation their antimicrobial activity**  
Evren A. E., YURTTAŞ L., Yilmaz-Cankilic M.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.195, sa.2, ss.158-164, 2020 (SCI-Expanded)
30. **Novel Benzimidazole Derivatives: Cytotoxic and Apoptotic Properties on Lung Cancer Cell Line**  
YURTTAŞ L., AKALIN ÇİFTÇİ G., Akso M. O., DEMİRAYAK Ş.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.17, sa.10, ss.1227-1236, 2020 (SCI-Expanded)
31. **Synthesis, antioxidant and antimicrobial properties of novel pyridyl-carbonyl thiazoles as dendrodoine analogs**  
Sahin Z., Biltekin S. N., YURTTAŞ L., DEMİRAYAK Ş.  
TURKISH JOURNAL OF CHEMISTRY, cilt.44, sa.6, ss.1733-1741, 2020 (SCI-Expanded)
32. **3,4,5-Trisubstituted-1,2,4-triazole Derivatives as Antiproliferative Agents: Synthesis, In vitro Evaluation and Molecular Modelling**  
YURTTAŞ L., Evren A. E., Kubilay A., TEMEL H. E., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.17, sa.12, ss.1502-1515, 2020 (SCI-Expanded)
33. **Novel thiazole-piperazine derivatives as potential cholinesterase inhibitors**  
DEMİRAYAK Ş., Sahin Z., Ertas M., Bulbul E. F., Bender C., Biltekin S. N., BERK B., SAĞLIK B. N., LEVENT S., YURTTAŞ

L.

JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.56, sa.12, ss.3370-3386, 2019 (SCI-Expanded)

34. **Potent ribonucleotide reductase inhibitors: Thiazole-containing thiosemicarbazone derivatives**  
Ertas M., Sahin Z., Bulbul E. F., Bender C., Biltekin S. N., BERK B., YURTTAŞ L., Nalbur A. M., Celik H., DEMİRAYAK Ş.  
ARCHIV DER PHARMAZIE, cilt.352, sa.11, 2019 (SCI-Expanded)
35. **Synthesis and biological evaluation of 5-methyl-4-phenyl thiazole derivatives as anticancer agents**  
Evren A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.194, sa.8, ss.820-828, 2019 (SCI-Expanded)
36. **Novel Tri-substituted Thiazoles Bearing Piperazine Ring: Synthesis and Evaluation of their Anticancer Activity**  
Evren A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.16, sa.5, ss.547-555, 2019 (SCI-Expanded)
37. **Synthesis and Anticancer Activity of Some 1H-inden-1-one Substituted (Heteroaryl)Acetamide Derivatives**  
KARABURUN A. Ç., GÜNDOĞDU KARABURUN N., YURTTAŞ L., KAYAĞİL İ., DEMİRAYAK Ş.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.16, sa.2, ss.111-118, 2019 (SCI-Expanded)
38. **New Procaspase Activating Compound (PAC-1) Like Molecules as Potent Antitumoral Agents Against Lung Cancer**  
YURTTAŞ L., Ozturk O., CANTÜRK Z.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.16, sa.6, ss.645-655, 2019 (SCI-Expanded)
39. **Thiazole-substituted benzoylpiperazine derivatives as acetylcholinesterase inhibitors**  
Sahin Z., Ertas M., Bender C., Buelbuel E. F., BERK B., Biltekin S. N., YURTTAŞ L., DEMİRAYAK Ş.  
DRUG DEVELOPMENT RESEARCH, cilt.79, sa.8, ss.406-425, 2018 (SCI-Expanded)
40. **Carbazoles and Hydrazone-Bridged Thiazole-Pyrrole Derivatives as New Inhibitors of alpha-Glucosidase**  
Ghani U., Albarrag A., YURTTAŞ L., DEMİRCİ F., KAPLANCIKLI Z. A.  
CHEMISTRYSELECT, cilt.3, sa.27, ss.7921-7925, 2018 (SCI-Expanded)
41. **Studies on non-steroidal inhibitors of aromatase enzyme; 4-(aryl/heteroaryl)-2-(pyrimidin-2-yl)thiazole derivatives**  
Sahin Z., Ertas M., BERK B., Biltekin S. N., YURTTAŞ L., DEMİRAYAK Ş.  
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.26, sa.8, ss.1986-1995, 2018 (SCI-Expanded)
42. **Pyridine-substituted thiazolyphenol derivatives: Synthesis, modeling studies, aromatase inhibition, and antiproliferative activity evaluation**  
Ertas M., Sahin Z., BERK B., YURTTAŞ L., Biltekin S. N., DEMİRAYAK Ş.  
ARCHIV DER PHARMAZIE, cilt.351, sa.3-4, 2018 (SCI-Expanded)
43. **Some Thiazole Derivatives Combined with Different Heterocycles: Cytotoxicity Evaluation and Apoptosis Inducing Studies**  
YURTTAŞ L., Demir B., AKALIN ÇİFTÇİ G.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.18, sa.8, ss.1115-1121, 2018 (SCI-Expanded)
44. **The synthesis, antifungal and apoptotic effects of triazole-oxadiazoles against Candida species**  
KAYA ÇAVUŞOĞLU B., Yurtta L., CANTÜRK Z.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.144, ss.255-261, 2018 (SCI-Expanded)
45. **New Thiazoline-Tetralin Derivatives and Biological Activity Evaluation**  
Turan-Zitouni G., YURTTAŞ L., Tabbi A., AKALIN ÇİFTÇİ G., TEMEL H. E., KAPLANCIKLI Z. A.  
MOLECULES, cilt.23, sa.1, 2018 (SCI-Expanded)
46. **Synthesis and Antimicrobial Activity of Some New N-(1H-benzimidazol-2yl)-2-mercaptoacetamide Derivatives**  
Evren A. E., Tekinkoca S., YURTTAŞ L.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.15, sa.2, ss.154-159, 2018 (SCI-Expanded)
47. **Synthesis and Biological Evaluation of New 1,3,4-Oxadiazoles as Potential Anticancer Agents and**

## Enzyme Inhibitors

YURTTAŞ L., KAYA ÇAVUŞOĞLU B., AKALIN ÇİFTÇİ G., TEMEL H. E.

ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.18, sa.6, ss.914-921, 2018 (SCI-Expanded)

48. **New Quinoline Based Sulfonamide Derivatives: Cytotoxic and Apoptotic Activity Evaluation Against Pancreatic Cancer Cells**  
YURTTAŞ L., AKALIN ÇİFTÇİ G.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.18, sa.8, ss.1122-1130, 2018 (SCI-Expanded)
49. **New chroman-4-one/thiochroman-4-one derivatives as potential anticancer agents**  
DEMİRAYAK Ş., YURTTAŞ L., GÜNDOĞDU KARABURUN N., KARABURUN A. Ç., KAYAĞİL İ.  
SAUDI PHARMACEUTICAL JOURNAL, cilt.25, sa.7, ss.1063-1072, 2017 (SCI-Expanded)
50. **A preliminary investigation of anticancer activity of novel benzothiazole derivatives against A549 lung carcinoma cell line**  
YURTTAŞ L., KAYA ÇAVUŞOĞLU B., Sever A., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.42, sa.5, ss.535-544, 2017 (SCI-Expanded)
51. **Synthesis and biological evaluation of some new pyrimidine bearing 2,5-disubstituted 1,3,4-oxadiazole derivatives as cytotoxic agents**  
KAYA ÇAVUŞOĞLU B., KAPLANCIKLI Z. A., YURTTAŞ L., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.42, sa.2, ss.131-137, 2017 (SCI-Expanded)
52. **Novel tetrazole derivatives: synthesis, anticholinesterase activity and cytotoxicity evaluation**  
YURTTAŞ L., KAPLANCIKLI Z. A., TEMEL H. E., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.42, sa.2, ss.169-180, 2017 (SCI-Expanded)
53. **Synthesis, Antibacterial, Antifungal, Antimycobacterial Activity Evaluation of Novel 1,2,4-triazole Derivatives Bearing 4-Aminophenyl Moiety**  
KAYA ÇAVUŞOĞLU B., YURTTAŞ L., YILMAZ CANKILIÇ M., KAPLANCIKLI Z. A.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.14, sa.8, ss.938-948, 2017 (SCI-Expanded)
54. **Novel 1-(2-pyrimidin-2-yl)piperazine derivatives as selective monoamine oxidase (MAO)-A inhibitors**  
KAYA ÇAVUŞOĞLU B., YURTTAŞ L., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.32, sa.1, ss.193-202, 2017 (SCI-Expanded)
55. **New N'-Arylidene-2-[(4-Nitrophenyl) Piperazin-1-yl]Acetohydrazide Derivatives: Synthesis and Anticancer Activity Investigation**  
YURTTAŞ L., KAPLANCIKLI Z. A., Gorgulu-Kahyaoglu S.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.14, sa.8, ss.910-917, 2017 (SCI-Expanded)
56. **New Cyclohexylamine-dithiocarbamate Derivatives as Potential Anti-microbial Agents**  
YURTTAŞ L., KAYA ÇAVUŞOĞLU B., YILMAZ CANKILIÇ M., LEVENT S.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.14, sa.11, ss.1308-1315, 2017 (SCI-Expanded)
57. **Biological Activity Evaluation of Novel 1,2,4-Triazine Derivatives Containing Thiazole/Benzothiazole Rings**  
YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E., SAĞLIK B. N., Demir B., LEVENT S.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.17, sa.13, ss.1846-1853, 2017 (SCI-Expanded)
58. **Antimicrobial and Cytotoxic Evaluation of New Quinazoline Derivatives**  
Turan-Zitouni G., YURTTAŞ L., Saka G., CANTÜRK Z., Gencer H. K., BAYSAL M., KAPLANCIKLI Z. A.  
NATURAL PRODUCT COMMUNICATIONS, cilt.11, sa.11, ss.1645-1648, 2016 (SCI-Expanded)
59. **Synthesis and antiproliferative activity evaluation of new thiazole-benzimidazole derivatives using real-time cell analysis (RTCA DP)**  
ÖZKAY Y., YURTTAŞ L., DİKMEN M., Engur S.  
MEDICINAL CHEMISTRY RESEARCH, cilt.25, sa.3, ss.482-493, 2016 (SCI-Expanded)
60. **Synthesis and antimicrobial activity evaluation of new dithiocarbamate derivatives bearing thiazole/benzothiazole rings**  
YURTTAŞ L., ÖZKAY Y., DURAN M., Turan-Zitouni G., ÖZDEMİR A., CANTÜRK Z., Kucukoglu K., KAPLANCIKLI Z. A.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.191, sa.8, ss.1166-1173, 2016 (SCI-

Expanded)

61. **Synthesis and Antiproliferative Activity of 2-arylidene 6-(2-aryl-2-oxoethoxy) Benzofuran-3-one Derivatives**  
DEMİRAYAK Ş., YURTTAŞ L., KARABURUN A. Ç., GÜNDOĞDU KARABURUN N., KAYAĞİL İ.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.13, sa.6, ss.563-569, 2016 (SCI-Expanded)
62. **Synthesis of novel thiazolylpyrazoline derivatives and evaluation of their antimicrobial activities and cytotoxicities**  
Tabbi A., KAPLANCIKLI Z. A., Tebbani D., YURTTAŞ L., CANTÜRK Z., ATLI EKLİOĞLU Ö., BAYSAL M., Turan-Zitouni G.  
TURKISH JOURNAL OF CHEMISTRY, cilt.40, sa.4, ss.641-654, 2016 (SCI-Expanded)
63. **Synthesis and biological evaluation of some dibenzofuran-piperazine derivatives**  
YURTTAŞ L., Abu Mohsen U., ÖZKAN Y., Cobanoglu S., LEVENT S., KAPLANCIKLI Z. A.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.6, ss.1177-1183, 2016 (SCI-Expanded)
64. **Synthesis and anticandidal evaluation of new benzothiazole derivatives with hydrazone moiety**  
YURTTAŞ L., KAPLANCIKLI Z. A., Goger G., DEMİRCİ F.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.5, ss.714-720, 2016 (SCI-Expanded)
65. **Synthesis and Antifungal Activity Evaluation of New 1,2,4-Triazole Derivatives Bearing Salicylidene Hydrazone Moiety**  
DEMİRAYAK Ş., KAYAĞİL İ., YURTTAŞ L., Er S.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.13, sa.2, ss.178-184, 2016 (SCI-Expanded)
66. **Synthesis and anti-nociceptive, anti-inflammatory activities of new aroyl propionic acid derivatives including N-acylhydrazone motif**  
Turan-Zitouni G., YURTTAŞ L., KAPLANCIKLI Z. A., CAN Ö. D., DEMİR ÖZKAY Ü.  
Medicinal Chemistry Research, cilt.24, sa.6, ss.2406-2416, 2015 (SCI-Expanded)
67. **Synthesis and anti-cancer activity evaluation of new aurone derivatives**  
Demirayak S., YURTTAŞ L., GÜNDOĞDU KARABURUN N., KARABURUN A. Ç., Kayagil I.  
Journal of Enzyme Inhibition and Medicinal Chemistry, cilt.30, sa.5, ss.816-825, 2015 (SCI-Expanded)
68. **Synthesis, Antituberculotic, and Cytotoxic Properties of New Hydrazone Derivatives Bearing Pyrimidine-Alkylsulfanyl Moiety**  
YURTTAŞ L., KAPLANCIKLI Z. A., CANTÜRK Z., Gencer H. K.  
Phosphorus, Sulfur and Silicon and the Related Elements, cilt.190, sa.7, ss.1183-1191, 2015 (SCI-Expanded)
69. **Synthesis and antitumor activity evaluation of new 2-(4-aminophenyl)benzothiazole derivatives bearing different heterocyclic rings**  
YURTTAŞ L., TAY N. F., Demirayak Ş.  
Journal of Enzyme Inhibition and Medicinal Chemistry, cilt.30, sa.3, ss.458-465, 2015 (SCI-Expanded)
70. **Cytotoxic, Antiproliferative and Apoptotic Effects of New Benzimidazole Derivatives on A549 Lung Carcinoma and C6 Glioma Cell Lines**  
YURTTAŞ L., DEMİRAYAK Ş., AKALIN ÇİFTÇİ G.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, cilt.15, sa.9, ss.1174-1184, 2015 (SCI-Expanded)
71. **Synthesis of Some New Thiazole Derivatives and Their Biological Activity Evaluation**  
YURTTAŞ L., ÖZKAY Y., Gencer H. K., ACAR ÇEVİK U.  
JOURNAL OF CHEMISTRY, cilt.2015, 2015 (SCI-Expanded)
72. **Synthesis and anticancer activity of some 1,2,3-trisubstituted pyrazinobenzimidazole derivatives**  
DEMİRAYAK Ş., YURTTAŞ L.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.6, ss.811-822, 2014 (SCI-Expanded)
73. **In vitro antitumor activity evaluation of some 1,2,4-triazine derivatives bearing piperazine amide moiety against breast cancer cells**  
YURTTAŞ L., Demirayak Ş., ILGIN S., Atli Ö.  
Bioorganic and Medicinal Chemistry, cilt.22, sa.22, ss.6313-6323, 2014 (SCI-Expanded)
74. **The in vivo evaluation of anti-angiogenic effects of two thiazole compounds using the chorioallantoic membrane assay**  
YURTTAŞ L., KIYAN H. T., ÖZKAY Y., KAPLANCIKLI Z. A., DEMİRCİ B., DEMİRCİ F.



- ANGIOGENESIS, cilt.17, sa.3, ss.773-774, 2014 (SCI-Expanded)
75. **Synthesis and Anticancer Activity of Some 2-[3/4-(2-Substituted Phenyl-2-oxoethoxy)benzylidene]-6-substituted-2,3-dihydro-1H-inden-1-one Derivatives**  
GÜNDOĞDU KARABURUN N., KARABURUN A. Ç., DEMİRAYAK Ş., KAYAĞİL İ., YURTTAŞ L.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.11, sa.5, ss.578-585, 2014 (SCI-Expanded)
76. **Synthesis and anticancer activity evaluation of N-[4-(2-methylthiazol-4-yl)phenyl]acetamide derivatives containing (benz)azole moiety**  
YURTTAŞ L., ÖZKAY Y., AKALIN ÇİFTÇİ G., Ulusoylar-Yildirim S.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.2, ss.175-184, 2014 (SCI-Expanded)
77. **Synthesis, anticandidal activity and cytotoxicity of some tetrazole derivatives**  
KAPLANCIKLİ Z. A., YURTTAŞ L., ÖZDEMİR A., Turan-Zitouni G., İŞCAN G., AKALIN ÇİFTÇİ G., Abu Mohsen U.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.29, sa.1, ss.43-48, 2014 (SCI-Expanded)
78. **Synthesis and antiproliferative activity of new 1,5-disubstituted tetrazoles bearing hydrazone moiety**  
KAPLANCIKLİ Z. A., YURTTAŞ L., ÖZDEMİR A., Turan-Zitouni G., AKALIN ÇİFTÇİ G., Yildirim S. U., Abu Mohsen U.  
MEDICINAL CHEMISTRY RESEARCH, cilt.23, sa.2, ss.1067-1075, 2014 (SCI-Expanded)

### **Diğer Dergilerde Yayınlanan Makaleler**

1. **Acetylcholinesterase Inhibitor Activity of Some 5-Nitrothiophene-Thiazole Derivatives**  
Nuha D., EVREN A. E., Çiyancı Z. Ş., TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
CUMHURİYET SCIENCE JOURNAL, cilt.43, 2022 (Hakemli Dergi)
2. **Synthesis and Antibacterial Evaluation of Novel Benzimidazole, Benzothiazole, Benzofurane, and Naphtofurane Derivatives of Aminothiazoles**  
ŞAHİN Z., TOK B. İ., AKGÜN E., ÇAŞKURLU A., YURTTAŞ L., BERK B., DEMİRAYAK Ş.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.47, sa.2, 2022 (Scopus)
3. **Synthesis and in-silico evaluation of some new 2,4-disubstituted thiazole derivatives**  
YURTTAŞ L., EVREN A. E., ÖZKAY Y.  
European Journal of Life Sciences, 2022 (Hakemli Dergi)
4. **Synthesis, characterization and antibacterial evaluation of new pyridyl-thiazole hybrids of sulfonamides**  
Sahin Z., Biltekin S. N., YURTTAŞ L., DEMİRAYAK Ş.  
ISTANBUL JOURNAL OF PHARMACY, cilt.51, sa.1, ss.67-72, 2021 (ESCI)
5. **Synthesis of new 1,2,4-triazole derivatives and investigation of their matrix metalloproteinase-9 (Mmp-9) inhibition properties**  
YURTTAŞ L., Evren A. E., Kubilay A., TEMEL H. E.  
Acta Pharmaceutica Scientia, cilt.59, sa.2, ss.215-232, 2021 (Scopus)
6. **Antimicrobial evaluation of trisubstituted 2-piperazinyl thiazoles**  
Giray B., YURTTAŞ L., ŞAHİN Z., BERK B.  
ACTA Pharmaceutica Scientia, cilt.57, sa.1, ss.103-108, 2019 (Scopus)
7. **Design and Synthesis of New 1,3,4-Oxadiazole - Benzothiazole and Hydrazone Derivatives as Promising Chemotherapeutic Agents**  
KAYA ÇAVUŞOĞLU B., Hussin W., YURTTAŞ L., Turan-Zitouni G., Gencer H. K., BAYSAL M., KARADUMAN A. B., KAPLANCIKLİ Z. A.  
DRUG RESEARCH, cilt.67, sa.5, ss.275-282, 2017 (ESCI)
8. **Study on the Antimicrobial Effects of Novel Thiazole Derivatives**  
YILMAZ CANKILIÇ M., YURTTAŞ L.  
MARMARA PHARMACEUTICAL JOURNAL, cilt.21, sa.3, ss.654-659, 2017 (ESCI)
9. **Novel benzothiazole based imidazole derivatives as new cytotoxic agents against glioma (C6) and liver (HepG2) cancer cell lines**  
YURTTAŞ L., ERTAŞ M., AKALIN ÇİFTÇİ G., TEMEL H. E., DEMİRAYAK Ş.

- Acta Pharmaceutica Scientia, cilt.55, sa.1, ss.39-47, 2017 (Scopus)
10. **Synthesis and Antimicrobial Activity Evaluation of Isatin-derived 3-[(4-aryl-2-thiazolyl)]hydrazone]-1H-indol-2,3-diones.**  
YURTTAŞ L., ERTAŞ M., YILMAZ CANKILIÇ M., DEMİRAYAK Ş.  
ACTA PHARMACOLOGICA SCIENTIA, cilt.55, sa.1, ss.51-58, 2017 (Hakemli Dergi)
  11. **Antimicrobial activity evaluation of new 1,3,4-oxadiazole derivatives**  
YURTTAŞ L., Bülbül E. F., Tekinkoca S., Demirayak Ş.  
Acta Pharmaceutica Scientia, cilt.55, sa.2, ss.45-54, 2017 (Scopus)
  12. **Synthesis and evaluation of novel 2-[(1,2,4-triazol-3-yl)thio]acetamide derivatives as potential serum paraoxonase-1 (PON1) activators**  
YURTTAŞ L., KÜÇÜKOĞLU K., NADAROĞLU H., KAPLANCIKLI Z. A.  
MARMARA PHARMACEUTICAL JOURNAL, cilt.21, sa.4, ss.967-977, 2017 (ESCI)
  13. **Synthesis and antimicrobial activity evaluation of novel nitrofuranthiazoles**  
YURTTAŞ L., Şahin Z., Er S., Demirayak Ş.  
Acta Pharmaceutica Scientia, cilt.54, sa.1, ss.43-52, 2016 (Scopus)
  14. **Synthesis of novel 3, 5, 6-trisubstituted triazine derivatives and their biological activity evaluation as potential antitumor and anti inflammatory agents.**  
YURTTAŞ L., ŞAHİN Z., AKALIN ÇİFTÇİ G., TEMEL H. E., DEMİRAYAK Ş.  
ACTA PHARMACEUTICA SCIENTIA, cilt.54, sa.1, 2016 (Scopus)
  15. **Synthesis of Some Imidazo[1,2-a]pyrazine Derivatives and Evaluation of Their Antinociceptive Activity**  
Turan-Zitouni G., YURTTAŞ L., ÖZDEMİR A., KAPLANCIKLI Z. A., Masquefa C.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, cilt.6, sa.1, ss.9-13, 2016 (ESCI)
  16. **Synthesis and biological evaluation of some new amide moiety bearing quinoxaline derivatives as antimicrobial agents**  
Abu Mohsen U., YURTTAŞ L., Acar U., ÖZKAY Y., Kaplacikli Z., Karaca Gencer H., CANTÜRK Z.  
Drug Research, cilt.65, sa.5, ss.266-271, 2015 (ESCI)

#### Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

1. **Yeni 2-hidrazinotiyazol türevlerinin sentezi ve kolinesteraz, monoamin oksidaz enzimleri üzerinde inhibitör etkilerinin araştırılması**  
Tutuş B., Yurttaş L.  
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Türkiye, 26 - 29 Ağustos 2022, ss.130-132
2. **Bazı yeni kinolin türevlerinin sentezi, antimikrobiyal ve dna giraz inhibitörü etkilerinin araştırılması**  
Evren A. E., Yurttaş L.  
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Türkiye, 26 - 29 Ağustos 2022, ss.139-140
3. **Yeni süstitüe pirimidiniltiyometil tiyazol türevlerinin sentezi ve farmakolojik etkilerinin araştırılması**  
Şahin Z., Biltekin Kaleli S. N., Yurttaş L., Berk B., Özhan Y., Sipahi H., Gao Z., Jacobson K. A.  
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Türkiye, 26 - 29 Ağustos 2022, ss.50-57
4. **Synthesis of novel thiazole derivatives as 6-aminopenicillanic acid mimics and evaluation their antimicrobial activity**  
Yurttaş L., Nuha D., Evren A. E., Yılmaz Cankılıç M.  
3rd International Gazi Symposium Series, GPSS 2021, Ankara, Türkiye, 8 - 10 Eylül 2021, ss.78
5. **Yeni tiyosemikarbazit türevleri: Antikanser ve matris metaloproteinaz enzim inhibisyon etkileri**  
Temel H. E., Yurttaş L., Akalın Çiftçi G.  
31. Ulusal Biyokimya Kongresi, 18 - 20 Aralık 2020, ss.1
6. **Metiltiyazol türevlerinin antikanser ve antiinflamatuvar aktivitelerinin A549 hücre dizilerinde değerlendirilmesi**

- Erdaş D., Temel H. E., Akalın Çiftçi G., Yurttaş L.  
31. Ulusal Biyokimya Kongresi, 18 - 20 Aralık 2020, ss.1
7. **Oksadiyazol-asetamid yapısı taşıyan yeni bileşiklerin tasarımı, sentezi ve antikanser aktivitelerinin incelenmesi**  
Akalın Çiftçi G., Temel H. E., Evren A. E., Aksoy M. O., Kubilay A., Yurttaş L.  
31. Ulusal Biyokimya Kongresi, 18 - 20 Aralık 2020, ss.1
8. **Design and synthesis of novel furoyl piperazine bearing benzothiazole derivatives as cholinesterase inhibitors**  
EVREN A. E., YURTTAŞ L., SAĞLIK B. N.  
7th International BAU Drug Design Congress (BAU-2019), İstanbul, Türkiye, 19 - 21 Aralık 2019
9. **New triazole derivatives against lung cancer cell line A549**  
YURTTAŞ L., Evren A. E., Kubilay A., AKALIN ÇİFTÇİ G.  
The 18th Asian Chemical Congress, 8 - 12 Aralık 2019
10. **Design and synthesis novel quinoline bearing thiazole derivatives, and evaluation of their DNA gyrase inhibition effects and molecular modelling study**  
Yurttaş L., Evren A. E.  
Advances in Medicinal and Pharmaceutical Chemistry, Rome, İtalya, 18 - 19 Kasım 2019, ss.1
11. **New thiocarbamoyl-benzimidazole derivatives as potential antitumor agents**  
YURTTAŞ L., Aksoy M. O., AKALIN ÇİFTÇİ G., DEMİRAYAK Ş.  
5th International Conference on Computation for Science and Technology (ICCST 2018), 23 - 26 Eylül 2018
12. **Synthesis of some indanone derivatives and investigation of their anticholinesterase activity**  
YURTTAŞ L., TEMEL H. E.  
5th International Conference on Computation for Science and Technology (ICCST 2018), 23 - 26 Eylül 2018
13. **Studies on non-steroidal inhibitors of aromatase 4-(aryl/heteroaryl)-2-(pyrimidine-2-yl) thiazole derivative**  
ŞAHİN Z., ERTAŞ M., BERK B., BİLTEKİN S. N., YURTTAŞ L., DEMİRAYAK Ş.  
4th World Congress on Cancer Research Therapy, 13 - 15 Ağustos 2018
14. **Design, Synthesis, Anticholinesterase Evaluation and Molecular Modelling Studies of New Trisubstituted Thiazole Derivatives**  
YURTTAŞ L., ŞAHİN Z., ERTAŞ M., BÜLBÜL E. F., Bender C., BİLTEKİN S. N., BERK B., DEMİRAYAK Ş.  
International Chemistry Biology Conference'18, Mısır, 11 - 14 Temmuz 2018, ss.129
15. **New Thiazoline-Tetralin Derivatives and Biological Activity Evaluation**  
TURAN G., YURTTAŞ L., Tabbi A., AKALIN ÇİFTÇİ G., TEMEL H. E., KAPLANCIKLİ Z. A.  
International Chemistry Biology Conference'18, (ChemBioCon18), 11 - 14 Temmuz 2018
16. **Synthesis and evaluation of new 2-substituted benzoxazole derivatives as anticancer agents**  
AKSOY M. O., KAYA ÇAVUŞOĞLU B., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
12. International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 Haziran 2018
17. **Synthesis of novel n-naphthalene-2-yl propanamid derivatives and evaluation their antimicrobial activity**  
Evren A. E., YURTTAŞ L., YILMAZ CANKILIÇ M.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 Haziran 2018
18. **Design, synthesis and antimicrobial activities of triazole derivatives**  
Kubilay A., Evren A. E., YURTTAŞ L., Kısacık İ., KARACA GENÇER H.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 Haziran 2018
19. **New Chromane-Thiazoles as Potent Anticancer Agents**  
YURTTAŞ L., Aydınlik Ş., Armutak E. İ.  
3rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, 5 - 07 Aralık 2017
20. **Synthesis of some new acetamide bearing thiazole ring derivatives and their anticancer activity evaluation**  
EVREN A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
2nd International Gazi Symposium Series, GPSS 2017, 11 - 13 Ekim 2017

21. **Synthesis of some thiazole derivatives and their antimicrobial activity evaluation**  
Evren A. E., YURTTAŞ L.  
2nd International Gazi Symposium Series, GPSS 2017, 11 - 13 Ekim 2017
22. **Apoptotic effects of some new benzothiazole based imidazole derivatives on lung adenocarcinoma and fibroblast cell lines**  
TEMEL H. E., AKALIN ÇİFTÇİ G., Ekselli B., YURTTAŞ L.  
2nd International Gazi Symposium Series, GPSS 2017, 11 - 13 Ekim 2017
23. **Synthesis of some novel N-(6-substituted benzothiazole-2-yl)-2-(4-substituted piperazin-1-yl) acetamide derivatives and evaluation their anticancer activity**  
Ekselli B., AKALIN ÇİFTÇİ G., Evren A. E., YURTTAŞ L.  
2nd International Conference on Pharmaceutical Chemistry, 2 - 04 Ekim 2017
24. **Synthesis of some novel 2-(substituted thio)-N-(5-methyl-4-phenylthiazol-2-yl)acetamide and anticancer activity evaluation**  
Evren A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
2nd International Conference on Pharmaceutical Chemistry, 2 - 04 Ekim 2017
25. **New Thiazole Derivatives Containing Various Heterocycles as Potential Antitumor Agents**  
YURTTAŞ L., Demir B., AKALIN ÇİFTÇİ G.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 Temmuz 2017
26. **Novel Oxadiazole Derivatives: Synthesis and Antimicrobial Activity Evaluation**  
YURTTAŞ L., BÜLBÜL E. F., Tekinkoca S., DEMİRAYAK Ş.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 Temmuz 2017
27. **New 2,4-Disubstituted Thiazoles and their Antimicrobial Activity**  
YURTTAŞ L., KARACA GENÇER H.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 Temmuz 2017
28. **Cytotoxic Activity of New Quinoline Derivatives Against Pancreas Cancer Cells**  
YURTTAŞ L., AKALIN ÇİFTÇİ G.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 Temmuz 2017
29. **Synthesis and biological evaluation of 1,3,4-oxadiazole derivatives bearing substituted phenyl/benzothiazole moiety**  
KAYA B., YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 Nisan 2017
30. **Synthesis and antitumor activity evaluation of piperazinesulfonamide derivatives against lung cancer cell line (A549)**  
YURTTAŞ L., CANTÜRK Z.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 Nisan 2017
31. **Synthesis and antimicrobial activity evaluation of some benzimidazole derivatives**  
Evren A. E., YURTTAŞ L., Tekinkoca S.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 Nisan 2017
32. **Synthesis and in vitro anticancer activity of some new imidazo[1,2-a]pyridine based heterocyclic compounds**  
KAYA B., YURTTAŞ L., BAYSAL M., Korkut B., KAPLANCIKLI Z. A.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 Nisan 2017
33. **Synthesis and Antibacterial Activity Investigation of New 5 Nitrofuran Derivatives**  
YURTTAŞ L., ŞAHİN Z., ER S., DEMİRAYAK Ş.  
4th International Conference on Computation for Science and Technology, 3 - 05 Kasım 2016
34. **Synthesis and Antitubercular Activity Studies of Some 3 4 Aryl 2 thiazolyl hydrazone 1H indol 2 3 diones**  
YURTTAŞ L., ERTAŞ M., YILMAZ CANKILIÇ M., DEMİRAYAK Ş.  
4th International Conference on Computation for Science and Technology, 3 - 05 Kasım 2016
35. **Synthesis and Antimicrobial Activity Evaluation of Novel 3 4 5 Trisubstituted 1 2 4 Triazoles**  
YURTTAŞ L., KAYA B., YILMAZ CANKILIÇ M., KAPLANCIKLI Z. A.

4th International Conference on Computation for Science and Tecnology, 3 - 04 Kasım 2016

36. **New Benzothiazole Imidazoles Derivatives and Their Antiproliferative Activity Against Glioma C6 and Liver HepG2 Cancer Cell Lines**

YURTTAŞ L., ERTAŞ M., AKALIN ÇİFTÇİ G., DEMİRAYAK Ş.

4th International Conference on Computation for Science and technology, 3 - 04 Kasım 2016

37. **New benzothiazole-imidazoles derivatives and their antiproliferative activity against glioma (C6) and liver (HEPG2) cancer cell lines**

Yurttaş L., Ertas M., Akalin Çiftçi G., Demirayak Ş.

International Conference on Computation of Science and Technology, Kuala-Lumpur, Malezya, 3 - 04 Kasım 2016, ss.123

38. **Synthesis and antimicrobial activity evaluation of novel 3,4,5-trisubstituted 1,2,4-triazoles**

Yurttaş L., Kaya Çavuşoğlu B., Yılmaz Cankılıç M., Kaplancıklı Z. A.

International Conference on Computation of Science and Technology, Kuala-Lumpur, Malezya, 3 - 04 Kasım 2016, ss.125

39. **Biological activity evaluataion of new 3 5 6 trisubstituted triazine derivatives bearing different heterocyclic rings against lung cancer cell lines**

YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E., DEMİR B.

41th FEBS congress, 3 - 08 Eylül 2016

40. **Some triazine-benzothiazole derivatives have cytotoxic and anticancer properties on A549 lung adenocarcinoma**

AKALIN ÇİFTÇİ G., DEMİR B., YURTTAŞ L., TEMEL H. E., SAĞLIK B. N.

The 41st FEBS Congress-Molecular and Sysmtems Biology for a Better Life (FEBS 2016), KUŞADASI, Türkiye, 3 - 08 Eylül 2016

41. **Novel benzothiazole acetamide derivatives induces apoptosis in A549 lung adenocarcinoma**

AKALIN ÇİFTÇİ G., Sever A., KAYA ÇAVUŞOĞLU B., YURTTAŞ L.

41th FEBS Congress, 3 - 08 Eylül 2016

42. **Some pyrimidine derivatives has cytotoxic and anticancer properties against A549 lung adenocarcinoma**

DEMİR B., AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L., GÖRGÜLÜ KAHYAOĞLU Ş., KAPLANCIKLI Z. A.

8th International conference and exhibition on pharmaceutics & novel drug delivery systems, 7 - 09 Mart 2016

43. **2- pyridyl-4-substituted phenol thiazole derivatives synthesis, molecular modelling and aromatase inhibitory activities**

ERTAŞ M., ŞAHİN Z., BERK B., YURTTAŞ L., DEMİRAYAK Ş.

Gazi Pharma Symposium Series, 12 - 15 Kasım 2015

44. **Synthesis of some 2-(2-benzylidenehydrazinyl)-6-ethoxy-3-nitropyridine derivatives and their monoamine oxidase A and B inhibitory activities evaluation**

TURAN G., TABBI A., KAPLANCIKLI Z. A., YURTTAŞ L., SAĞLIK B. N.

10th AFMC International Medicinal Chemistry Symposium (AIMECS 2015), JEJU, Güney Kore, 18 - 21 Ekim 2015

45. **Synthesis And Anticancer Activity Investigation Of N Arylidene 2 4 Nitrophenyl Piperazin 1 yl Acetohydrazide Derivatives**

Yurttaş L., Kaplancıklı Z. A., Görgülü Ş., Genç L.

International Multidisciplinary Symposium on Drug Research and Development 2015, DRD, Eskişehir, Türkiye, 15 - 17 Ekim 2015

46. **Synthesis Of Benzopyran 4 One Benzothiopyran 4 One Derivatives And Their Antiproliferative Activity Evaluation**

Demirayak Ş., Yurttaş L., Gündoğdu Karaburun N., Karaburun A. Ç., Kayağil İ.

International Multidisciplinary Symposium on Drug Research and Development 2015 DRD, Eskişehir, Türkiye, 15 - 17 Ekim 2015

47. **Novel Dibenzofuran Derivatives Synthesis And Anticholinesterase Activity**

Temel H. E., Akalin Çiftçi G., Yurttaş L., Kaya B., Kaplancıklı Z. A.

International Multidisciplinary Symposium on Drug Research and Development 2015, Eskişehir, Türkiye, 15 - 17

Ekim 2015

48. **Some triazine-benzothiazole derivatives induces cytotoxicity and apoptosis on A549 lung adenocarcinoma**  
AKALIN ÇİFTÇİ G., DEMİR B., YURTTAŞ L., TEMEL H. E., SAĞLIK B. N.  
3th International BAU-Drug Design Congress, İstanbul, Türkiye, 1 - 03 Ekim 2015
49. **Synthesis of Some 2,2-Benzylidenehydrazinyl 6,7-dimethoxyquinazolin-4-amine Derivatives and Their Antimicrobial and Cytotoxic Activity Evaluation**  
TURAN G., KAPLANCIKLILIK Z. A., YURTTAŞ L., CANTÜRK Z., KARACA GENÇER H., BAYSAL M.  
8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources, 21 - 25 Haziran 2015
50. **Synthesis and Investigation of Aromatase Inhibition Anticancer Effects of Newly Synthesized Thiazoles**  
ŞAHİN Z., ERTAŞ M., BERK B., YURTTAŞ L., DEMİRAYAK Ş.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 Haziran 2015
51. **Synthesis and Antiproliferative Activity of Some New 2,5-Disubstituted Oxadiazole Derivatives**  
KAYA B., YURTTAŞ L., AKALIN ÇİFTÇİ G., KAPLANCIKLILIK Z. A.  
11th International Symposium on Pharmaceutical Sciences, (ISOPS-11), 9 - 12 Haziran 2015
52. **Synthesis and Anticancer Activity Evaluation of Some New Benzofuran-3-one Derivatives**  
DEMİRAYAK Ş., YURTTAŞ L., GÜNDOĞDU KARABURUN N., KARABURUN A. Ç., KAYAĞİL İ.  
Uluslararası İlaç ve Eczacılık Kongresi, 28 - 30 Kasım 2014
53. **Synthesis and Antimicrobial Activity of New Thiazolyl Triazole Compounds**  
TAY N. F., DURAN M., KAYAĞİL İ., DEMİRAYAK Ş., YURTTAŞ L., YAMAÇ M., KARADUMAN A. B.  
Uluslararası İlaç ve Eczacılık Kongresi, 28 - 30 Kasım 2014
54. **Synthesis and biological activity observation of some new thiazole derivatives**  
SAĞLIK B. N., YURTTAŞ L., CANTÜRK Z., DEMİR ÖZKAY Ü.  
3th International Conference On Antimicrobial Research (ICAR 2014), Madrid, İspanya, 1 - 03 Ekim 2014
55. **Synthesis and pharmacological activity evaluation of some new acetic acid derivatives on central nervous system**  
Turan G., Kaplancıklı Z. A., Özdemir A., Yurttaş L., Can Ö. D., Demir Özkay Ü.  
3rd International Conference on Computation for Science and Technology (ICCST-3 2014), Balikpapan, Endonezya, 23 - 25 Eylül 2014, ss.77
56. **Evaluation of anticholinesterase and cytotoxic properties of new morpholine dithiocarbamate derivatives bearing benzimidazole moiety**  
Temel H. E., Akalın Çiftçi G., Yurttaş L.  
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Türkiye, 18 - 21 Eylül 2014, ss.118
57. **Synthesis and biochemical mechanism evaluation of new benzimidazole derivatives bearing pyridyl/pyrimidinyl moiety**  
Akalın Çiftçi G., Temel H. E., Yurttaş L.  
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Türkiye, 18 - 21 Eylül 2014, ss.118
58. **Synthesis of some imidazo[1,2-a]pyrazine derivatives and their biological evaluation on central nervous system**  
Turan G., Kaplancıklı Z. A., Özdemir A., Yurttaş L., Masquefa C., Can Ö. D., Demir Özkay Ü.  
International Conference on Medicinal Chemistry (RICT), Rouen, Fransa, 2 - 04 Temmuz 2014, ss.281
59. **Synthesis and antimicrobial activity of some hydrazone derivatives**  
Yurttaş L., Kaplancıklı Z. A., Turan G., Özdemir A., Demirci F.  
II International Conference on Antimicrobial Research (ICAR2012), Lisbon, Portekiz, 21 - 23 Kasım 2012, ss.526
60. **Synthesis of new thiazole-piperazine compounds as acetylcholine esterase inhibitors**  
Yurttaş L., Kaplancıklı Z. A., Özkay Y.  
10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara, Türkiye, 26 - 29 Haziran 2012,

ss.132

61. **Synthesis of novel imidazole derivatives as antifungal agents**  
Özkay Y., Yurttaş L., Tunalı Y., Karaca Gençer H.  
15. Hellenic Symposium on Medicinal Chemistry, Athens, Yunanistan, 25 - 27 Mayıs 2012, ss.82
62. **Synthesis and antimicrobial activity of some new hydrazone bridged pyrrole thiazole derivatives**  
YURTTAŞ L., ÖZKAY Y., KAPLANCIKLI Z. A., KARACA GENÇER H., TUNALI Y.  
15th Hellenic Symposium on Medicinal Chemistry (HSMC-15), 25 - 27 Mayıs 2012
63. **Analgesic and antiinflammatory activity of some thiazole derivatives**  
ÖZKAY Y., DEMİR ÖZKAY Ü., CAN Ö. D., YURTTAŞ L.  
International Symposium on Drug Research and Development, 27 - 29 Mayıs 2011
64. **The synthesis and anticancer activity of some 1,2,3-trisubstituted pyrazinobenzimidazole derivatives**  
Demirayak Ş., Yurttaş L.  
21th EFMC-ISMC International Symposium on Medicinal Chemistry, Brussels, Belçika, 5 - 09 Eylül 2010, ss.87
65. **Synthesis of some 1,3-diarylpyrazino[1,2-a]benzimidazole and investigation their anticancer activities**  
Demirayak Ş., Kayağil İ., Yurttaş L.  
The 6th AFMC International Medicinal Chemistry Symposium (AIMECS07), İstanbul, Türkiye, 8 - 11 Temmuz 2007, ss.109-110

## Metrikler

Yayın: 192

Atıf (WoS): 826

Atıf (Scopus): 894

H-İndeks (WoS): 16

H-İndeks (Scopus): 16

## Araştırma Alanları

Eczacılık, Biyokimya, Farmasötik Kimya, Enzimoloji, Moleküler Biyokimya, Organik Kimya