

# LEYLA YURTTAŞ

## PROF.

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International Researcher IDs

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### Learning Knowledge

Doctorate 2009 - 2012	Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey
Postgraduate 2006 - 2009	Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey
Undergraduate 2002 - 2006	Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey

### Dissertations

Doctorate, Bazı 1-(2-aril-2-okzoetil)-2-[(morfolin-4-il)tiyoksometil]benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2012

Postgraduate, Bazı 1,2,3-trisüstitüe pirazino benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 2009

### Academic Titles / Tasks

Professor 2020 - Continues	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ
Assistant Professor 2013 - Continues	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ
Research Assistant 2006 - 2013	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ

### Supported Projects

- YURTTAŞ L., Project Supported by Higher Education Institutions, Naftalen halkası taşıyan tiyazol türevlerinin sentezi ve biyolojik aktivitelerinin araştırılması, 2020 - Continues
- YURTTAŞ L., Project Supported by Higher Education Institutions, 5-Nitrotiyofen İçeren Tiyazol Türevlerinin Sentezi

ve Biyolojik Aktivite Çalışmaları, 2020 - Continues

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

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

#### Published journal articles indexed by SCI, SSCI, and AHCI

1. **Design and synthesis of new benzothiazole-piperazine derivatives and *in vitro* and *in silico* investigation of their anticancer activity**  
Evren A. E., Ekselli B., YURTTAŞ L., TEMEL H. E., AKALIN ÇİFTÇİ G.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1320, 2025 (SCI-Expanded)
2. **Pharmacophore-Based Modeling, Synthesis, and Biological Evaluation of Novel Quinazoline/Quinoline Derivatives: Discovery of EGFR Inhibitors with Low Nanomolar Activity**  
EVREN A. E., SAĞLIK ÖZKAN B. N., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
ADVANCED THEORY AND SIMULATIONS, 2024 (SCI-Expanded)
3. **Exploring Novel Quinoline-1,3,4-Oxadiazole Derivatives for Alzheimer's Disease: Their Design, Synthesis, and *In-Vitro* and *In-Silico* Investigations**  
Saffour S., Evren A. E., SAĞLIK ÖZKAN B. N., YURTTAŞ L.  
CURRENT MEDICINAL CHEMISTRY, 2024 (SCI-Expanded)
4. **Design and synthesis of phenoxy methyl-oxadiazole compounds against Alzheimer's disease**  
Evren A. E., Nuha D., SAĞLIK ÖZKAN B. N., KAHRAMAN Ç., Gonulalan E. M., YURTTAŞ L.  
ARCHIV DER PHARMAZIE, vol.357, no.8, 2024 (SCI-Expanded)
5. **Synthesis of new *N*-(5,6-methylenedioxybenzothiazole-2-yl)-2-[(substituted)thio/piperazine]acetamide/propanamide derivatives and evaluation of their AChE, BChE, and BACE-1 inhibitory activities**  
Tutus B., Kaya A. Z., Baz Y., Evren A. E., SAĞLIK ÖZKAN B. N., YURTTAŞ L.  
DRUG DEVELOPMENT RESEARCH, vol.85, no.4, 2024 (SCI-Expanded)
6. **New *N*-(1,3,4-thiadiazole-2-yl)acetamide derivatives as human carbonic anhydrase I and II and acetylcholinesterase inhibitors**  
Dawbaa S., Tuerkes C., Nuha D., DEMİR Y., Evren A. E., YURTTAŞ L., BEYDEMİR Ş.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2024 (SCI-Expanded)
7. **Design and synthesis of novel dithiazole carboxylic acid Derivatives: *In vivo* and *in silico* investigation of their Anti-Inflammatory and analgesic effects**

TURAN YÜCEL N., Asfour A. A. R., EVREN A. E., YAZICI C., KANDEMİR Ü., Özkay Ü. D., CAN Ö. D., YURTTAŞ L.  
Bioorganic Chemistry, vol.144, 2024 (SCI-Expanded)

8. **Design, Synthesis, and Biological Effect Studies of Novel Benzofuran–Thiazolyldrazone Derivatives as Monoamine Oxidase Inhibitors**  
Osmaniye D., Sağlık Özkan B. N., Levent S., Acar Çevik U., Ilgin S., Yurttaş L., Özkay Y., Karaburun A. Ç., Kaplançıklı Z. A., Gündoğdu-Karaburun N.  
ACS OMEGA, vol.9, no.10, pp.11388-11397, 2024 (SCI-Expanded)
9. **Antimicrobial activity of novel substituted 1,2,4-triazole and 1,3-thiazole derivatives**  
Saffour S., AL-Sharabi A. A., EVREN A. E., YILMAZ CANKILIÇ M., YURTTAŞ L.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1295, 2024 (SCI-Expanded)
10. **Synthesis of Some New 1,3,4-Oxadiazole Derivatives and Evaluation of Their Anticancer Activity**  
Yurttaş L., Evren A. E., Kubilay A., Aksoy M. O., Temel H. E., Akalın Çiftçi G.  
ACS OMEGA, vol.1, pp.1, 2024 (SCI-Expanded)
11. **Synthesis and anticancer activity evaluation of some novel imidazo[1,2-*a*]pyridine based heterocycles containing *S*-alkyl/aryl moiety**  
Kaya B., YURTTAŞ L., BAYSAL M., Celikates B., KAPLANCIKLI Z. A., İMAMOĞLU R.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.199, no.5, pp.383-393, 2024 (SCI-Expanded)
12. **Novel oxadiazole-thiadiazole derivatives: synthesis, biological evaluation, and in silico studies**  
EVREN A. E., Nuha D., Dawbaa S., KARADUMAN A. B., SAĞLIK B. N., YURTTAŞ L.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.42, no.16, pp.8688-8700, 2024 (SCI-Expanded)
13. **Synthesis, molecular docking, and molecular dynamic simulation studies of new 1,3,4-thiadiazole derivatives as potential apoptosis inducers in A549 lung cancer cell line**  
YURTTAŞ L., EVREN A. E., AİCHAİB H., TEMEL H. E., AKALIN ÇİFTÇİ G.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
14. **Design, synthesis and apoptotic effects of novel benzoxazole compounds**  
Kaya B., YURTTAŞ L., AKALIN ÇİFTÇİ G., Aksoy M. O.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.78, no.11-12, pp.433-440, 2023 (SCI-Expanded)
15. **Synthesis, characterization, molecular docking and molecular dynamics simulations of novel 2,5-disubstituted-1,3,4-thiadiazole derivatives as potential cholinesterase/monoamine oxidase dual inhibitors for Alzheimer's disease**  
AL-Sharabi A. A., EVREN A. E., SAĞLIK ÖZKAN B. N., YURTTAŞ L.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
16. **Synthesis, antimicrobial activity, electrochemical studies and molecular modeling studies of novel 1,3,4-oxadiazole derivatives**  
AL-Sharabi A. A., Saffour S., Evren A. E., Bayazit G., ÇONGUR G., GÜL Ü. D., YURTTAŞ L.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1289, 2023 (SCI-Expanded)
17. **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, vol.1282, 2023 (SCI-Expanded)
18. **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., BİLTEKİN S. N., YURTTAŞ L., BERK B., ÜLGEN M., DEMİRAYAK Ş.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1273, 2023 (SCI-Expanded)
19. **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, no.1, pp.1410-1429, 2023 (SCI-Expanded)
20. **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, vol.197, no.11, pp.1123-1135, 2022 (SCI-Expanded)

21. **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, vol.355, no.11, 2022 (SCI-Expanded)
22. **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, vol.355, no.9, 2022 (SCI-Expanded)
23. **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, vol.77, no.9-10, pp.429-446, 2022 (SCI-Expanded)
24. **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, vol.1264, 2022 (SCI-Expanded)
25. **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, vol.59, no.8, pp.1333-1340, 2022 (SCI-Expanded)
26. **Novel benzofurane-pyrazole derivatives with anti-inflammatory, cyclooxygenase inhibitory and cytotoxicity evaluation**  
Sahin Z., Ozhan Y., SİPAHİ H., Biltekin S. N., YURTTAŞ L., BERK B., DEMİRAYAK Ş.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.7-8, pp.279-285, 2022 (SCI-Expanded)
27. **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, vol.83, no.2, pp.470-484, 2022 (SCI-Expanded)
28. **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, vol.229, 2022 (SCI-Expanded)
29. **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, vol.22, no.9, pp.1780-1792, 2022 (SCI-Expanded)
30. **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, vol.58, 2022 (SCI-Expanded)
31. **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, vol.58, 2022 (SCI-Expanded)
32. **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, vol.196, no.12, pp.1093-1102, 2021 (SCI-Expanded)
33. **Evaluation of new sulfathiazole derivatives as antiproliferative agents**

- YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.5, pp.533-539, 2021 (SCI-Expanded)
34. **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, vol.196, no.10, pp.954-960, 2021 (SCI-Expanded)
35. **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, vol.1241, 2021 (SCI-Expanded)
36. **New indane derivatives containing 2-hydrazinethiazole 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, vol.76, no.9-10, pp.417-424, 2021 (SCI-Expanded)
37. **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, vol.45, no.6, pp.1841-1885, 2021 (SCI-Expanded)
38. **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, vol.12, no.3, pp.365-376, 2021 (SCI-Expanded)
39. **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, vol.18, no.4, pp.372-386, 2021 (SCI-Expanded)
40. **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, vol.212, 2021 (SCI-Expanded)
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