

AHMET ÖZDEMİR

PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: M-3803-2018

ScopusID: 7006505091

Yoksis Researcher ID: 11817

Learning Knowledge

Undergraduate 2018 - 2023	Istanbul University, Open And Distance Education Faculty, Open Education Programs, Turkey
Doctorate 1996 - 2004	Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey
Postgraduate 1995 - 1996	Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey
Undergraduate 1990 - 1994	Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Bazı 1-[(N,N-disübütütyokarboniltiyo)asetil]-3-(2-tiyenil)-5-aril-2-pirazolin türevlerinin sentezleri ve antifungal, antibakteriyel etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2004

Postgraduate, Bazı 2-sübstitüe 1H-fenantro (9,10-d)imidazol bileşiklerinin sentezleri, yapı aydınlatmaları ve fizikokimyasal parametrelerinin tayinleri üzerinde çalışmalar, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 1996

Academic Titles / Tasks

Professor 2015 - Continues	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ
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Associate Professor
2010 - 2015

Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ
BÖLÜMÜ

Assistant Professor
2007 - 2010

Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ
BÖLÜMÜ

Lecturer PhD
2005 - 2007

Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ
BÖLÜMÜ

Research Assistant
1997 - 2005

Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ
BÖLÜMÜ

Supported Projects

1. ÖZDEMİR A., GÜNDOĞDU KARABURUN N., TUNALI Y., TURAN G., Bazı 4 fenil siklohegzil 5 1 fenoksietil 3 3 5 diaril 2 pirazolinil asetil tiyo 4H 1 2 4 triazol türevlerinin sentezleri ve antifungal etkilerinin araştırılması, Continues
2. ÖZDEMİR A., KAPLANCIKLİ Z. A., TUNALI Y., TURAN G., Bazı 1 N N disüstitüe aminotiyto karboniltiyto asetil 3 5 diaril 2 pirazolin türevlerinin sentezi yapılarının aydınlatılması ve antimikrobiyal etkilerinin araştırılması, Continues
3. ÖZDEMİR A., TURAN G., Yeni pirazolin türevlerinin farelerde zorlu yüzme testi ile oluşturulan depresyon modelinde etkisi, Continues
4. ÖZDEMİR A., GÜNDOĞDU KARABURUN N., BENKLİ K., Lophine ve Lophine türevlerinin sentezleri ve nematosid etkilerinin sera ve bahçe tarımında denenmesi, Continues
5. Altıntop M. D., Özdemir A., Akalın Çiftçi G., Alataş İ. Ö., Temel H. E., Sever B., Ertorun İ., Can B., Yılmaz N., Project Supported by Higher Education Institutions, İndol Halkası Taşıyan Antienflamatuvar Etkili Bileşiklerin Sentezi, In Vitro ve In Vivo Etki Çalışmaları, 2019 - 2022
6. Sever B., Beydemir Ş., Altıntop M. D., Özdemir A., Project Supported by Higher Education Institutions, Yeni Aldoz Redüktaz İnhibitörü Triazol Türevlerinin Sentezi ve In vitro Etki Çalışmaları, 2020 - 2021
7. Özdemir A., Altıntop M. D., Sever B., Project Supported by Higher Education Institutions, Yeni Şalkon Türevlerinin Sentezi ve Biyolojik Etkilerinin Değerlendirilmesi, 2020 - 2021
8. Özdemir A., Altıntop M. D., Beydemir Ş., Sever B., Project Supported by Higher Education Institutions, Microwave-assisted Synthesis of New Pyrazoline Derivatives and Investigation of Their Aldose reductase Inhibitory Effects, 2020 - 2021
9. Sever B., Beydemir Ş., Demir Y., Altıntop M. D., Özdemir A., Yılmaz N., Project Supported by Higher Education Institutions, Synthesis of New Thiazole Derivatives and Investigation of Their Aldose reductase Inhibitory Effects, 2020 - 2021
10. Sever B., Altıntop M. D., Özdemir A., Yılmaz N., Project Supported by Higher Education Institutions, Tiyosemikarbazon Türevi Antikanser Etkili Yeni Bileşiklerin Sentezi ve RNR İnhibitör Etkilerinin Değerlendirilmesi, 2019 - 2020
11. Altıntop M. D., Özdemir A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni Bis-Tiyosemikarbazon Türevlerinin Sentezi ve Antikanser Etkilerinin Değerlendirilmesi, 2019 - 2020
12. Özdemir A., Altıntop M. D., Sever B., Project Supported by Higher Education Institutions, Yeni 1,3,4-Oksadiazol Türevlerinin Sentezi ve In Vitro COX İnhibitör Etkilerinin Araştırılması, 2019 - 2020
13. Sever B., Akalın Çiftçi G., Özdemir A., Altıntop M. D., TÜBİTAK Project, Yeni Triazolotiyadiazin Türevlerinin Tasarımı, Sentezi ve Akciğer Kanseri Tedavisinde Hedefe Yönelik Antikanser Etki Profillerinin Araştırılması, 2019 - 2020
14. Altıntop M. D., Özdemir A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevlerinin Sentez ve Antikanser Etki Çalışmaları, 2018 - 2019

15. Özdemir A., Altıntop M. D., Dikmen M., Sever B., Kaya Tilki E., Project Supported by Higher Education Institutions, Yeni Pirazolin Türevlerinin Sentez ve Nöroprotektif Etki Çalışmaları, 2018 - 2019
16. Akalın Çiftçi G., Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Bazı şalkon bileşiklerinin antikanser ve antienflamatuvar etkilerinin araştırılması, 2016 - 2019
17. Özdemir A., Altıntop M. D., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni İndol Türevlerinin Sentezlenmesi, Antikanser ve COX İnhibitör Etkilerinin Araştırılması ve Docking Çalışmaları, 2016 - 2019
18. Altıntop M. D., Özdemir A., Akalın Çiftçi G., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Yeni Benzoksazol Türevlerinin Sentezi ve Biyolojik Etki Çalışmaları, 2017 - 2018
19. Özdemir A., Altıntop M. D., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni Alfa,Beta-Enon Yapısı Taşıyan Bileşiklerin Sentezi ve Biyolojik Etki Çalışmaları, 2017 - 2018
20. Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Otsuka M., Fujita M., Çiftçi H., Alı T., Koga R., Osman M., Sever B., Project Supported by Higher Education Institutions, Studies on Synthesis and Anticancer Activity of New 1,3,4-Thiadiazole Derivatives, 2016 - 2018
21. Özdemir A., Otsuka M., Altıntop M. D., Kaplancıklı Z. A., Watanabe T., Fujita M., Çiftçi H., Sever B., Other International Funding Programs, Development of inducers of anti-viral host factors based on Turkish medicinal plants and synthetic compounds, 2016 - 2018
22. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyadiazol Türevlerinin Sentezleri ve Karbonik anhidraz İnhibitör Etkileri, 2016 - 2017
23. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Şalkon Yapısı Taşıyan Bileşiklerin Sentezi ve Biyolojik Aktivitelerinin Araştırılması, 2016 - 2017
24. AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A., ALTINTOP M. D., ÖZDEMİR A., SEVER B., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevlerinin Sentezleri ve Siklooksijenaz İnhibitör Etkileri, 2016 - 2017
25. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Turan G., Ilgın S., Atlı Ö., Sever B., Project Supported by Higher Education Institutions, The Synthesis of New Thiadiazole-Benzothiazole Derivatives, Structural Elucidation and Determination of Their Anticancer Activity, 2014 - 2017
26. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Yeni Tiyazol Türevi Bileşiklerin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2015 - 2016
27. Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Akalın Çiftçi G., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyazol Türevlerinin Sentezleri ve In vitro Etkilerinin Araştırılması, 2015 - 2016
28. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Yeni Azol Türevi Bileşiklerin Sentezi Biyolojik Aktivitelerinin Araştırılması, 2015 - 2016
29. Akalın Çiftçi G., Altıntop M. D., Temel H. E., Özdemir A., Project Supported by Higher Education Institutions, Bazı Tiyazol Türevlerinin Antikanser ve Kolinesteraz Enzim İnhibisyon Etkilerinin Araştırılması, 2014 - 2016
30. AKALIN ÇİFTÇİ G., TURAN G., ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., SEVER B., Project Supported by Higher Education Institutions, Yeni 1,3,4-Oksadiazol Türevlerinin Sentezlenmesi ve Antikanser Etkilerinin Araştırılması, 2014 - 2016
31. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Cantürk Z., Sever B., Project Supported by Higher Education Institutions, Tiyosemikarbazon Türevlerinin Sentezi ve Antimikrobiyal Etkileri, 2014 - 2015
32. Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Bazı Ditiyokarbamat Türevlerinin Sentezi ve Antikanser Etkilerinin Araştırılması, 2014 - 2015
33. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Cantürk Z., Sever B., Project Supported by Higher Education Institutions, Bazı Hidrazon Türevlerinin Sentezleri ve Antimikrobiyal Etkilerinin Araştırılması, 2014 - 2015
34. TURAN G., ÖZKAY Y., YURTTAŞ L., ÖZDEMİR A., KAPLANCIKLI Z. A., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, 4 2 Pirimidinil piperazin 1 karboditiyoik Asit Türevlerinin Sentezi ve Antikolinesteraz Aktivitelerinin Araştırılması, 2013 - 2015
35. Özdemir A., Altıntop M. D., Turan G., Kaplancıklı Z. A., Akalın Çiftçi G., Project Supported by Higher Education Institutions, Bazı Şalkon Türevlerinin Sentezleri ve Siklooksijenaz İnhibitör Etkileri, 2013 - 2014
36. Altıntop M. D., Turan G., Kaplancıklı Z. A., Özdemir A., Ilgın S., Atlı Ö., Project Supported by Higher Education

Institutions, Synthesis of Thiazole Derivatives Bearing Pyrazoline Ring and Investigation of Their Biological Activity, 2012 - 2014

37. Özdemir A., Altıntop M. D., Turan G., Kaplancıklı Z. A., Can Ö. D., Demir Özkay Ü., Project Supported by Higher Education Institutions, Synthesis of New Substituted Pyrazoline Derivatives and Investigation of Their Antidepressant Effects, 2012 - 2014
38. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Turan G., Demirci F., Project Supported by Higher Education Institutions, Bazı Süstitüe Pirazolin Türevlerinin Sentezlenmesi ve Antifungal Etkilerinin Araştırılması, 2010 - 2014

Awards

1. Sever B., Altıntop M. D., Özdemir A., Akalın Çiftçi G., Türk Patent Ve Marka Kurumu, September 2021

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Design, synthesis and biological evaluation of a new series of imidazothiazole-hydrazone hybrids as dual EGFR and Akt inhibitors for NSCLC therapy**
Altıntop M. D., Ertorun I., Ciftci G. A., Özdemir A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.276, 2024 (SCI-Expanded)
2. **Design, Synthesis, and Evaluation of New Pyrazolines As Small Molecule Inhibitors of Acetylcholinesterase**
ALTINTOP M. D., SAĞLIK ÖZKAN B. N., Ozdemir A.
ACS OMEGA, vol.9, no.29, pp.31401-31409, 2024 (SCI-Expanded)
3. **Design, Synthesis, and *In Vivo* Evaluation of a New Series of Indole-Chalcone Hybrids as Analgesic and Anti-Inflammatory Agents**
Baramaki I., ALTINTOP M. D., ARSLAN R., ALYU ALTINOK F., ÖZDEMİR A., Dallali I., Hasan A., BEKTAŞ TÜRKMEN N.
ACS OMEGA, vol.9, no.10, pp.12175-12183, 2024 (SCI-Expanded)
4. **Design, Synthesis, and Evaluation of a New Series of 2-Pyrazolines as Potential Antileukemic Agents**
ALTINTOP M. D., CANTÜRK Z., ÖZDEMİR A.
ACS OMEGA, no.45, pp.42867-42877, 2023 (SCI-Expanded)
5. **Design, Synthesis, and Evaluation of a New Series of Hydrazones as Small-Molecule Akt Inhibitors for NSCLC Therapy**
Erdönmez B., Altıntop M. D., Akalın Çiftçi G., Özdemir A., Ece A.
ACS OMEGA, vol.8, no.22, pp.20056-20065, 2023 (SCI-Expanded)
6. **Microwave-assisted synthesis of a series of 4,5-dihydro-1H-pyrazoles endowed with selective COX-1 inhibitory potency**
Mehlika Altıntop D., Halide Temel E., Özdemir A.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.88, no.4, pp.355-365, 2023 (SCI-Expanded)
7. **A new series of hydrazones as small-molecule aldose reductase inhibitors**
Altıntop M. D., Demir Y., Türkeş C., Öztürk R. B., Cantürk Z., Beydemir Ş., Özdemir A.
Archiv der Pharmazie, vol.356, no.4, 2023 (SCI-Expanded)
8. **A new series of thiazole-hydrazone hybrids for Akt-targeted therapy of non-small cell lung cancer**
Orujova T., Ece A., Akalın Çiftçi G., Özdemir A., Altıntop M. D.
DRUG DEVELOPMENT RESEARCH, vol.84, no.2, pp.185-199, 2023 (SCI-Expanded)
9. **In vitro evaluation of 2-pyrazoline derivatives as DPP-4 inhibitors**
Temel H. E., Altıntop M. D., Sever B., Özdemir A., Akalın Çiftçi G.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, no.1, pp.104-109, 2023 (SCI-Expanded)
10. **Discovery of Small Molecule COX-1 and Akt Inhibitors as Anti-NSCLC Agents Endowed with Anti-Inflammatory Action**
Altıntop M. D., Akalın Çiftçi G., Yılmaz Savaş N., Ertorun İ., Can B., Sever B., Temel H. E., Alataş İ. Ö., Özdemir A.

International Journal of Molecular Sciences, vol.24, no.3, 2023 (SCI-Expanded)

11. **Design, synthesis and biological evaluation of a new series of arylidene indanones as small molecules for targeted therapy of non-small cell lung carcinoma and prostate cancer**
Altıntop M. D., Özdemir A., Temel H. E., Cevizlidere B. D., Sever B., Kaplancıklı Z. A., Akalın Çiftçi G.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.244, 2022 (SCI-Expanded)
12. **A new series of thiosemicarbazone-based anti-inflammatory agents exerting their action through cyclooxygenase inhibition**
ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G., Ertorun I., Alastas O., ÖZDEMİR A.
ARCHIV DER PHARMAZIE, vol.355, no.9, 2022 (SCI-Expanded)
13. **A New Series of Indeno[1,2-c]pyrazoles as EGFR TK Inhibitors for NSCLC Therapy**
ÖZDEMİR A., Ciftci H., SEVER B., Tateishi H., Otsuka M., Fujita M., ALTINTOP M. D.
MOLECULES, vol.27, no.2, 2022 (SCI-Expanded)
14. **Identification of a new class of potent aldose reductase inhibitors: Design, microwave-assisted synthesis, in vitro and in silico evaluation of 2-pyrazolines**
SEVER B., ALTINTOP M. D., Demir Y., Yilmaz N., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.345, 2021 (SCI-Expanded)
15. **A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity**
SEVER B., ALTINTOP M. D., Demir Y., TÜRKEŞ C., Ozbas K., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.
OPEN CHEMISTRY, vol.19, no.1, pp.347-357, 2021 (SCI-Expanded)
16. **A New Series of Antileukemic Agents: Design, Synthesis, In Vitro and In Silico Evaluation of Thiazole-Based ABL1 Kinase Inhibitors**
Zeytun E., ALTINTOP M. D., SEVER B., ÖZDEMİR A., Ellakwa D. E., Ocak Z., Ciftci H. I., Otsuka M., Fujita M., Radwan M. O.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.9, pp.1099-1109, 2021 (SCI-Expanded)
17. **An extensive research on aldose reductase inhibitory effects of new 4H-1,2,4-triazole derivatives**
SEVER B., ALTINTOP M. D., Demir Y., Pekdogan M., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1224, 2021 (SCI-Expanded)
18. **A New Series of Triazolothiadiazines as Potential Anticancer Agents for Targeted Therapy of Non-small Cell Lung and Colorectal Cancers: Design, Synthesis, In silico and In vitro Studies Providing Mechanistic Insight into Their Anticancer Potencies**
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZDEMİR A.
MEDICINAL CHEMISTRY, vol.17, no.10, pp.1104-1128, 2021 (SCI-Expanded)
19. **Synthesis of New Bis-pyrazolines Endowed with Potent Antifungal Activity against Candida albicans and Aspergillus niger**
SEVER B., ALTINTOP M. D., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.18, no.1, pp.3-15, 2021 (SCI-Expanded)
20. **In Vitro and In Silico Evaluation of Anticancer Activity of New Indole-Based 1,3,4-Oxadiazoles as EGFR and COX-2 Inhibitors**
SEVER B., ALTINTOP M. D., ÖZDEMİR A., AKALIN ÇİFTÇİ G., Ellakwa D. E., Tateishi H., Radwan M. O., Ibrahim M. A. A., Otsuka M., Fujita M., et al.
MOLECULES, vol.25, no.21, 2020 (SCI-Expanded)
21. **Design, synthesis, in vitro and in silico investigation of aldose reductase inhibitory effects of new thiazole-based compounds**
SEVER B., ALTINTOP M. D., Demir Y., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.
BIOORGANIC CHEMISTRY, vol.102, 2020 (SCI-Expanded)
22. **A Series of Furan-based Hydrazones: Design, Synthesis, and Evaluation of Antimicrobial Activity, Cytotoxicity and Genotoxicity**
ALTINTOP M. D., SEVER B., ATLI EKİOĞLU Ö., BAYSAL M., Demirel R., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.3, pp.312-322, 2020 (SCI-Expanded)
23. **Design, synthesis and biological evaluation of a new series of thiazolyl-pyrazolines as dual EGFR and HER2 inhibitors**

- Sever B., Altıntop M. D., Radwan M. O., Özdemir A., Otsuka M., Fujita M., Ciftci H. I.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.182, 2019 (SCI-Expanded)
24. **New Benzodioxole-based Pyrazoline Derivatives: Synthesis and Anticandidal, In silico ADME, Molecular Docking Studies**
ÖZDEMİR A., SEVER B., ALTINTOP M. D.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.1, pp.82-92, 2019 (SCI-Expanded)
25. **Biological evaluation of a series of benzothiazole derivatives as mosquitocidal agents**
SEVER B., ALTINTOP M. D., ÖZDEMİR A., Tabanca N., Estep A. S., Becnel J. J., Bloomquist J. R.
OPEN CHEMISTRY, vol.17, no.1, pp.288-294, 2019 (SCI-Expanded)
26. **Design, Synthesis, and Neuroprotective Effects of a Series of Pyrazolines against 6-Hydroxydopamine-Induced Oxidative Stress**
ÖZDEMİR A., SEVER B., ALTINTOP M. D., KAYA TILKİ E., DİKMEN M.
MOLECULES, vol.23, no.9, 2018 (SCI-Expanded)
27. **Design, synthesis, in vitro and in silico evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors**
Altıntop M. D., Sever B., Akalın Çiftçi G., Turan-Zitouni G., Kaplancıklı Z. A., Özdemir A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.905-924, 2018 (SCI-Expanded)
28. **Design, synthesis, in vitro and in silico evaluation of new pyrrole derivatives as monoamine oxidase inhibitors**
ALTINTOP M. D., SEVER B., OSMANİYE D., SAĞLIK B. N., ÖZDEMİR A.
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (SCI-Expanded)
29. **Design, Synthesis, and Evaluation of a New Series of Thiazole-Based Anticancer Agents as Potent Akt Inhibitors**
ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G., ÖZDEMİR A.
MOLECULES, vol.23, no.6, 2018 (SCI-Expanded)
30. **Synthesis and Evaluation of a New Series of Arylidene Indanones as Potential Anticancer Agents**
ÖZDEMİR A., Gokbulut S., SEVER B., AKALIN ÇİFTÇİ G., ALTINTOP M. D.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.10, pp.1394-1404, 2018 (SCI-Expanded)
31. **Synthesis and Evaluation of a Series of 1,3,4-Thiadiazole Derivatives as Potential Anticancer Agents**
ALTINTOP M. D., SEVER B., ÖZDEMİR A., ILGIN S., ATLI EKLİOĞLU Ö., Turan-Zitouni G., KAPLANCIKLI Z. A.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1606-1616, 2018 (SCI-Expanded)
32. **Synthesis of New Thiazolyl-pyrazoline Derivatives and Evaluation of Their Antimicrobial, Cytotoxic and Genotoxic Effects**
SEVER B., ALTINTOP M. D., Gencer H. K., KAPKAÇ H. A., ATLI EKLİOĞLU Ö., BAYSAL M., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.7, pp.744-756, 2018 (SCI-Expanded)
33. **Design, Synthesis, and Biological Evaluation of Novel 1,3,4-Thiadiazole Derivatives as Potential Antitumor Agents against Chronic Myelogenous Leukemia: Striking Effect of Nitrothiazole Moiety**
Altıntop M. D., Ciftci H. I., Radwan M. O., Sever B., Kaplancıklı Z. A., Ali T. F. S., Koga R., Fujita M., Otsuka M., Özdemir A.
MOLECULES, vol.23, no.1, 2018 (SCI-Expanded)
34. **Synthesis and Biological Evaluation of New Quinoline-Based Thiazolyl Hydrazone Derivatives as Potent Antifungal and Anticancer Agents**
Erguc A., ALTINTOP M. D., ATLI EKLİOĞLU Ö., SEVER B., İŞCAN G., Gormus G., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.2, pp.193-202, 2018 (SCI-Expanded)
35. **Synthesis and Mosquitocidal Activity of a Series of Hydrazone Derivatives against Aedes aegypti**
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ALTINTOP M. D., SEVER B., ÖZDEMİR A.
5th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017
42. **Synthesis and Evaluation of New Pyrazoline Derivatives as Potential Anticandidal Agents**
ALTINTOP M. D., SEVER B., ÖZDEMİR A.
5th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017
43. **Synthesis and Evaluation of A Series of Arylidene Indanones as New Antitumor Agents**
ÖZDEMİR A., AKALIN ÇİFTÇİ G., ALTINTOP M. D.
2nd International Gazi Pharma Symposium (2nd GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
44. **Design, Synthesis and Evaluation of New Thiazolyl-Pyrazoline Derivatives as Potential Anticandidal Agents**
BAYTEKİN G., ALTINTOP M. D., SEVER B., ÖZDEMİR A.
2nd International Gazi Pharma Symposium (2nd GPSS 2017), Ankara, Turkey, 11 - 13 October 2017

45. **Synthesis and Evaluation of New Thiazole Derivatives as Potential Anticancer Agents Targeting AKT**
ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G., ÖZDEMİR A.
2nd International Gazi Pharma Symposium (2nd GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
46. **Synthesis and Evaluation of A New Series of Thiazoles as Anticholinesterase Agents**
ÖZDEMİR A., TEMEL H. E., ALTINTOP M. D.
2nd International Gazi Pharma Symposium (2nd GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
47. **Synthesis and Inhibitory Effects of New Chalcone Derivatives on A549 Cells**
ÖZDEMİR A., ALTINTOP M. D., ATLI Ö.
6th Pharmaceutical Sciences World Congress 2017 (FIP PSWC 2017), Stockholm, Sweden, 21 - 24 May 2017
48. **Pharmacy Students' Perceptions on Pharmaceutical Promotion**
ALTINTOP M. D., ÖZDEMİR A., SEVER B., EVREN A. E.
6th Pharmaceutical Sciences World Congress 2017 (FIP PSWC 2017), Stockholm, Sweden, 21 - 24 May 2017
49. **Pharmacist's Role in Food Supplements for Public Health**
ÖZDEMİR A., ALTINTOP M. D., EVREN A. E.
6th Pharmaceutical Sciences World Congress 2017 (FIP PSWC 2017), Stockholm, Sweden, 21 - 24 May 2017
50. **A series of Pyrazoline Derivatives as Potent Anticandidal Agents**
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KARACA GENÇER H., ATLI EKLİOĞLU Ö.
IVEK, 26 - 29 April 2017
51. **The Problems of Healthcare System in Turkey**
SEVER B., ÖZDEMİR A., ALTINTOP M. D.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
52. **Medya ve İlaç**
ÖZDEMİR A., ALTINTOP M. D., GÜNGÖR E. M.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
53. **Synthesis, Evaluation of New Chalcone Derivatives as Potential Anticholinesterase Agents and Docking Studies**
SEVER B., ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
54. **Eczacıların Farmakoinformatiği Kullanma Amaçları**
ÖZDEMİR A., SEVER B., ALTINTOP M. D.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
55. **The Problem of Healthcare System in Turkey**
SEVER B., ÖZDEMİR A., ALTINTOP M. D.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
56. **An Approach of Turkish Pharmaceutical Industry to Biotechnological and Biosimilar Drugs**
SEVER B., ÖZDEMİR A., ALTINTOP M. D.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
57. **A Series of Imidazole Derivatives as New Anticholinesterase Agents**
ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A.
The 13th International Conference on Alzheimer's Parkinson's Diseases (AD/PD 2017), Viyana, Austria, 29 March - 02 April 2017
58. **Anticholinesterase Effects of Some Triazole Derivatives**
ÖZDEMİR A., ALTINTOP M. D., TEMEL H. E.
The 13th International Conference on Alzheimer's Parkinson's Diseases (AD/PD 2017), Viyana, Austria, 29 March - 02 April 2017
59. **Pirazolin türevlerinin antikandidal etkilerinin araştırılması**
ALTINTOP M. D., SEVER B., İŞCAN G., ÖZDEMİR A.
13. Türkiye Eczacılık Kongresi, İstanbul, Turkey, 21 - 24 December 2016
60. **Synthesis and cytotoxic evaluation of new 1,3,4-thiadiazole derivatives as potential anticancer agents**
ALTUĞ TASA B., ALTINTOP M. D., SEVER B., ÖZDEMİR A., KAPLANCIKLİ Z. A., KOPARAL A. T.

6. Multidisipliner Kanser Araştırma Kongresi, Konya, Turkey, 27 - 30 October 2016

61. **Synthesis and Antimycobacterial Activity of 5 Arylfurfural N 2 4 difluorophenyl thiosemicarbazone Derivatives**
SEVER B., ALTINTOP M. D., ÖZDEMİR A.
4th International BAU-Drug Design Congress, 13 - 15 October 2016
62. **Synthesis of Novel Thiazole Derivatives and Evaluation of Their Cytotoxic Effects on A549 Cells**
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZDEMİR A.
XXIV National Meeting on Medicinal Chemistry and 10th Young Medicinal Chemists' Symposium, 11 - 14 September 2016
63. **Synthesis and Evaluation of A New Series of Pyrazoline Derivatives as Potent Antitumor Agents Against HepG2 Cells**
ÖZDEMİR A., ALTINTOP M. D., ATLI Ö.
XXIV National Meeting on Medicinal Chemistry and 10th Young Medicinal Chemists' Symposium, 11 - 14 September 2016
64. **New Pyrrole Based Chalcones as Potent Antitumor Agents Against HepG2 Cells**
ÖZDEMİR A., ATLI Ö., ALTINTOP M. D.
12th International Congress of Cell Biology, 21 - 25 July 2016
65. **Synthesis and evaluation of new thiosemicarbazone derivatives as potential COX inhibitors**
ALTINTOP M. D., ÖZDEMİR A., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.
17th Tetrahedron Symposium, 28 June - 01 July 2016
66. **Synthesis and evaluation of new thiadiazole derivatives as potential carbonic anhydrase inhibitors**
SEVER B., ALTINTOP M. D., ÖZDEMİR A., KÜÇÜKOĞLU K., ÖNEM H., NADAROĞLU H., KAPLANCIKLI Z. A.
Challenges in Biological, Bioorganic, organic and Medicinal Chemistry, 28 June - 01 July 2016
67. **Synthesis and evaluation of new benzodioxole derivatives as potential hCA I and hCA II inhibitors**
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KÜÇÜKOĞLU K., SOLEİMANİ S. S., NADAROĞLU H., KAPLANCIKLI Z. A.
17th Tetrahedron Symposium, 28 June - 01 July 2016
68. **Synthesis and evaluation of new thiadiazole derivatives as potential carbonic anhydrase inhibitors**
SEVER B., ALTINTOP M. D., ÖZDEMİR A., KÜÇÜKOĞLU K., ÖNEM H., NADAROĞLU H., KAPLANCIKLI Z. A.
17th Tetrahedron Symposium, 28 June - 01 July 2016
69. **DNA Synthesis Inhibitory Effects of New Thiazole Derivatives**
ALTINTOP M. D., ÖZDEMİR A., AKALIN ÇİFTÇİ G.
1st International Cell Death Research Congress, 4 - 07 May 2016
70. **Oxadiazole Based Pyrazoline Derivatives as New Antitumor Agents**
ÖZDEMİR A., ALTINTOP M. D., SEVER B., ATLI Ö., BAYSAL M., KAPLANCIKLI Z. A.
1st International Cell Death Research Congress, 4 - 07 May 2016
71. **Anticancer Activity of Synthesized Pyrazoline Derivatives**
ÇİFTÇİ H. İ., KARABACAK M., ALTINTOP M. D., RYOKO K., OTSUKA M., MIKAKO F., ÖZDEMİR A.
BMB2015 Biochemistry and Molecular Biology, Kobe Port Island, Japan, 1 - 04 December 2015
72. **Some thiazole derivatives as new anticancer agents**
ÖZDEMİR A., ALTINTOP M. D., ATLI Ö., BAYSAL M.
XXIII National Meeting on Medicinal Chemistry, Salerno, Italy, 6 - 09 September 2015
73. **MAO Inhibitory Effects of Some Pyrazoline Derivatives**
ÖZDEMİR A., ALTINTOP M. D., ÖZKAY Y.
5th Meeting of the Paul Ehrlich MedChem Euro-PhD Network, Krakow, Poland, 3 - 05 July 2015
74. **Synthesis of Some Morpholine Derivatives as New Anticancer Agents**
ALTINTOP M. D., ATLI Ö., BAYSAL M., ÖZDEMİR A.
5th Meeting of the Paul Ehrlich MedChem Euro-PhD Network, Krakow, Poland, 3 - 05 July 2015
75. **Synthesis of Some Furan Substituted Pyrazoline Derivatives as New Anticancer Agents**
ÖZDEMİR A., ALTINTOP M. D., ATLI Ö., BAYSAL M.
16th Blue Danube Symposium on Heterocyclic Chemistry, 14 - 17 June 2015
76. **Synthesis of some furan substituted pyrazoline derivatives as new anticancer agents**

- ÖZDEMİR A., ALTINTOP M. D., ATLI Ö., BAYSAL M.
16th Blue Danube Symposium on Heterocyclic Chemistry, Balatonalmadi, Hungary, 14 - 17 June 2015
77. **Synthesis of New Thiazole Based Anticancer Agents Against MCF 7 Human Breast Adenocarcinoma Cells**
ÖZDEMİR A., ALTINTOP M. D., ATLI Ö., BAYSAL M.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
78. **Synthesis of new thiazole based anticancer agents against MCF 7 human breast adenocarcinoma cells**
ÖZDEMİR A., ALTINTOP M. D., ATLI Ö., BAYSAL M.
11th International Symposium on Pharmaceutical Sciences (ISOPS11), Ankara, Turkey, 9 - 12 June 2015
79. **Synthesis and antimicrobial activity of some furan based thiosemicarbazone derivatives**
Sevtem G., ALTINTOP M. D., ÖZDEMİR A., DEMİRCİ F., KAPLANCIKLI Z. A.
11th International Symposium on Pharmaceutical Sciences (ISOPS11), Ankara, Turkey, 9 - 12 June 2015
80. **Thiazole Based Anticholinesterase Agents**
SEVER B., ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A.
XXIII National Meeting on Medicinal Chemistry, 6 - 09 September 2015
81. **Synthesis and antimicrobial activity of tetrazole substituted hydrazone derivatives**
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KAPLANCIKLI Z. A.
V. International Congress of Molecular Medicine, 20 - 22 May 2015
82. **Synthesis and Antimicrobial Activity of Tetrazole substituted Hydrazone Derivatives**
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KAPLANCIKLI Z. A.
5th International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015
83. **A mini-survey on pharmacy technicians in Eskişehir**
ÖZDEMİR A., SAYDAM E., SEVER B., ALTINTOP M. D.
12th Turkey Pharmacy Congress, Ankara, Turkey, 25 - 27 September 2014
84. **Pharmacy technicians from the perspective of pharmacists in Eskişehir**
ALTINTOP M. D., SAYDAM E., SEVER B., ÖZDEMİR A.
12th Turkey Pharmacy Congress, Ankara, Turkey, 25 - 27 September 2014
85. **Synthesis and Biochemical Mechanisms of Bisthiazole Derivatives Action**
TURAN G., ALTINTOP M. D., ÖZDEMİR A., TEMEL H. E., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-2014), İstanbul, Turkey, 18 - 21 September 2014
86. **Synthesis and evaluation of thiazole-based oxadiazole derivatives as potential anticancer agents**
ÖZDEMİR A., ALTINTOP M. D., TURAN G., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.
MCB2014 Joining forces in pharmaceutical analysis and medicinal chemistry, Groningen, Netherlands, 25 - 26 August 2014
87. **Synthesis and anticandidal activity of new thiazole derivatives**
TURAN G., ALTINTOP M. D., ÖZDEMİR A., KAPLANCIKLI Z. A., İŞCAN G.
International Union of Microbiological Societies Congresses (IUMS 2014), Montreal, Canada, 27 July - 01 August 2014
88. **Chloro Substituted Pyrazolines As Antidepressant Agents**
ÖZDEMİR A., ALTINTOP M. D., CAN Ö. D., DEMİR ÖZKAY Ü.
20th International Conference on Organic Synthesis (ICOS-20), Budapest, Hungary, 29 June - 04 July 2014
89. **Synthesis and In Vivo Evaluation of 1 3 5 Trisubstituted Pyrazolines As Antidepressant like Agents**
ALTINTOP M. D., ÖZDEMİR A., DEMİR ÖZKAY Ü., CAN Ö. D.
20th International Conference on Organic Synthesis (ICOS-20), Budapest, Hungary, 29 June - 04 July 2014
90. **Synthesis and Biological Evaluation of Thiazole Derivatives as New Antifungal and Anticancer Agents**
ALTINTOP M. D., ÖZDEMİR A., KAPLANCIKLI Z. A., TURAN G., ILGIN S., ATLI Ö., DEMİREL R.
International Multidisciplinary Symposium on Drug Research & Development (DRD 2013), 28 - 30 November 2013
91. **Evaluation of Genotoxic and Cytotoxic Activities of Some Hydrazone Derivates As New Anticandidal**

and Anticancer Agents

ILGIN S., ATLI Ö., ALTINTOP M. D., ÖZDEMİR A., TURAN G., İŞCAN G., KAPLANCIKLI Z. A.

8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 15 - 18 November 2012

92. **Evaluation of Genotoxic and Cytotoxic Activities of Some Hydrazine Derivates As New Anticandidal and Anticancer Agents**

ILGIN S., ATLI Ö., ALTINTOP M. D., ÖZDEMİR A., TURAN G., İŞCAN G., KAPLANCIKLI Z. A.

8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 15 - 18 November 2012

93. **Studies on Pyrazoline Derivatives as Antimicrobial Agents**

VARSAK M., TUNALI Y., KARACA GENÇER H., ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., ZİTOUNİ G.

10 th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2012

94. **Synthesis and Antimicrobial Activity of Chalcone Derivatives Bearing Indole Moiety**

ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., ZİTOUNİ G., TUNALI Y., KARACA GENÇER H.

15. Hellenic Symposium on Medicinal Chemistry, 25 - 27 May 2012

95. **Bazı Tiyazol Türevlerinin Sentezi ve Antikolinesteraz Aktiviteleri**

Gülhan T. Z., Temel H. E., Altintop M. D., Kaplançıklı Z. A., Özdemir A.

XXIII. Ulusal Biyokimya Kongresi, Adana, Turkey, 29 November - 02 December 2011, vol.36

96. **Synthesis and Antimicrobial Activity of 1,2,4-Triazine Derivatives**

Kaplançıklı Z. A., Turan G., Özdemir A., Altintop M. D., Tunalı Y.

45th International Conference on Medicinal Chemistry, Orleans, France, 1 - 03 July 2009

97. **The New Imidazol(1,2-a) Pyrazine-2-Carboxylic Acid Arylidene-Hydrazid Derivatives and Their Antimicrobial Activity**

ÖZDEMİR A., KAPLANCIKLI Z. A., TUNALI Y., ZİTOUNİ G.

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98. **Synthesis and Antimicrobial Activities of Some 1-(α -(N,N Disubstitutedaminothiocarbonylthio)acetyl)-3,5-Diphenyl-2-Pyrazolines**

ÖZDEMİR A., TUNALI Y., KAPLANCIKLI Z. A., ZİTOUNİ G.

International Symposium on Pharmaceutical Chemistry, Proceedings, 327-328, İstanbul, (2003), 17 - 19 September 2003

99. **Studies on the Synthesis of Some 2-Substituted Phenantrimidazole Derivatives**

İŞIKDAĞ İ., UÇUCU Ü., GÜNDOĞDU KARABURUN N., KAPLANCIKLI Z. A., ÖZDEMİR A.

4th International Symposium on Pharmaceutical Sciences(ISOPS-4), 27 - 30 June 1995

Other Publications

1. **Design, synthesis and in-vitro COX inhibitory profiles of a new series of tetrazole-based hydrazones**

Altintop M. D., Sever B., Temel H. E., Kaplançıklı Z. A., Özdemir A.

Other, pp.20-27, 2022

Academic and Administrative Experience

2015 - Continues	Assistant Coordinator	Anadolu University, AÇIKÖĞRETİM FAKÜLTESİ, SAĞLIK YÖNETİMİ BÖLÜMÜ (AÖF)
2011 - 2014	Assistant Director of Vocational School	Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU
2010 - 2013	Internship Committee Member	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ

Courses

Pharmaceutical Chemistry, Undergraduate, 2022 - 2023

Kan. Day. Ecz. ve Arař. VII, Undergraduate, 2022 - 2023

Kan. Day. Ecz. ve Arař. II, Undergraduate, 2022 - 2023

Pharmaceutical Chemistry, Undergraduate, 2022 - 2023

Graduation Project II, Undergraduate, 2022 - 2023

Basic Laboratory Knowledge, Undergraduate, 2022 - 2023

Laboratory Work Safety, Postgraduate, 2022 - 2023

Graduation Project I, Undergraduate, 2022 - 2023

Mezuniyet Projesi I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

FARMASÖTİK KİMYA I UYGULAMALARI, Undergraduate, 2013 - 2014, 2012 - 2013, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

FARMASÖTİK KİMYA II. UYGULAMALARI, Undergraduate, 2013 - 2014, 2010 - 2011, 2007 - 2008, 2006 - 2007, 2005 - 2006

İlaç Aktif Maddeleri, Undergraduate, 2013 - 2014

TEMEL LABORATUVAR BİLGİSİ, Undergraduate, 2012 - 2013, 2011 - 2012

Mezuniyet Projesi II, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

FARMASÖTİK KİMYA III UYGULAMA, Undergraduate, 2010 - 2011

FARMASÖTİK KİMYA II, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2005 - 2006

FARMASÖTİK KİMYA IV. UYGULAMA, Undergraduate, 2009 - 2010, 2008 - 2009, 2006 - 2007, 2005 - 2006

FARMASÖTİK KİMYA III, Undergraduate, 2005 - 2006

Advising Theses

Özdemir A., Yeni 5-kloro-6-metoksi-2-[4-(süstitüe)benziliden]-2,3-dihidro 1H-inden-1-on türevlerinin sentezi ve biyolojik etki çalışmaları, Postgraduate, S.GÖKBULUT(Student), 2017

Özdemir A., Altıntop M. D., The Synthesis of New Pyrazoline Derivatives and The Investigation of Their Biological Activities, Doctorate, M.KARABACAK(Student), 2016

Patent

Sever B., Altıntop M. D., Özdemir A., Akalın Çiftçi G., TARGETED NOVEL TRIAZOLOTHIADIAZINE DERIVATIVES FOR THE TREATMENT OF LUNG CANCER, Patent, CHAPTER A Human Needs, The Invention Registration Number: EP3958980 , Standard Registration, 2023

Metrics

Publication: 252

Citation (WoS): 3179

Citation (Scopus): 3509

H-Index (WoS): 31

H-Index (Scopus): 35

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutical Chemistry

Non Academic Experience

University, Gulhane Military Medical Academy, Department of Pharmacy Vocational Sciences
Gülhane Askeri Tıp Akademisi Komutanlığı, Eczacılık Bilimleri Merkezi Başkanlığı, Etlik-ANKARA