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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: J-4787-2019

ScopusID: 38662171400

Yoksis Researcher ID: 19842

Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey 2009 - 2012

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 2003 - 2007

Certificates, Courses and Trainings

Vocational Training, EUROPIN Vienna Summer School Drug Design, Universitaet Wien, 2023

Dissertations

Doctorate, Bazı yeni tiyazolin türevlerinin sentezleri ve antimikrobiyal etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2012

Postgraduate, Bazı yeni triazol türevlerinin sentezleri ve antifungal etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 2009

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutical Chemistry

Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2020 - Continues

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2015 - 2020

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2014 - 2015

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2010 - 2014

Academic and Administrative Experience

Assistant Director of the Institute, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, 2023 - 2023
Quality Coordinator, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, 2022 - 2023
Birim Kalite Komisyonu Üyesi, Anadolu University, ECZACILIK FAKÜLTESİ, 2021 - 2022
Assistant Director of the Institute, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, 2014 - 2017

Courses

ECZ236-3 (B) Farmasötik Kimya, Undergraduate, 2019 - 2020
Tez, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016
Farmasötik Kimyada Yapı-Etki İlişkileri II, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
İlaç Metabolizmasının Kimyası, Postgraduate, 2019 - 2020
ECZ236-3 (A) Farmasötik Kimya, Undergraduate, 2019 - 2020
Mezuniyet Projesi I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Medisinal Kimyanın Temel Prensipleri, Postgraduate, 2019 - 2020
ECZ374-3 (A) Farmasötik Kimya, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016
Farmasötik Kimya I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015
Kanıt Dayalı Eczacılık ve Araştırma III, Undergraduate, 2019 - 2020
ECZ236-4 (B) Farmasötik Kimya Uygulamaları, Undergraduate, 2019 - 2020
Seminer, Postgraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017
Kanıt Dayalı Eczacılık ve Araştırma VII, Undergraduate, 2019 - 2020
Mezuniyet Projesi II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
ECZ374-4 (B) Farmasötik Kimya Uygulamaları, Undergraduate, 2019 - 2020
Temel Laboratuvar Bilgisi, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Tez, Doctorate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Farmasötik Hammaddeler I (A), Undergraduate, 2018 - 2019
Farmasötik Kimyada Yapı-Etki İlişkileri I, Postgraduate, 2018 - 2019, 2017 - 2018
Farmasötik Kimya Uygulamaları I (A), Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Farmasötik Kimya Uygulamaları II (B), Undergraduate, 2018 - 2019, 2017 - 2018
Farmasötik Kimya Uygulamaları I (B), Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Farmasötik Hammaddeler I (B), Undergraduate, 2018 - 2019
Farmasötik Kimya Uygulamaları II (A), Undergraduate, 2018 - 2019, 2017 - 2018
İlaç-Enzim İlişkileri, Doctorate, 2017 - 2018
Enstrümental Analiz Uygulamaları, Undergraduate, 2016 - 2017, 2015 - 2016
Genel Kimya II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Farmasötik Kimya II, Undergraduate, 2015 - 2016
İlaç Sentez Mekanizmaları II, Doctorate, 2015 - 2016, 2014 - 2015
Farmasötik Kimya Uygulamaları I (C), Undergraduate, 2015 - 2016, 2014 - 2015
Peptit Sentezleri, Doctorate, 2015 - 2016, 2014 - 2015
Organik Kimya, Undergraduate, 2015 - 2016
Farmasötik Kimya Uygulamaları II (C), Undergraduate, 2014 - 2015
Organik Kimya I, Undergraduate, 2014 - 2015
Farmasötik Kimya III, Undergraduate, 2013 - 2014

Advising Theses

Altıntop M. D., DESIGN, SYNTHESIS OF NEW HYDRAZONE DERIVATIVES AND STUDIES ON THEIR ANTICANCER ACTIVITY, Postgraduate, B.ERDÖNMEZ(Student), 2023

Altıntop M. D., Design, Synthesis of New Thiazole Derivatives and Studies on Their Targeted Anticancer Activity , Postgraduate, T.ORUJOVA(Student), 2022

Altıntop M. D., Sever B., Synthesis of New Thiazole Derivatives with An Indole Ring And Evaluation of Their Targeted Anticancer Effects on Non-Small Cell Lung Cancer Cells, Postgraduate, S.BAŞ(Student), 2022

Altıntop M. D., Sever B., Synthesis of New Thiazole Derivatives and Investigation of The Mechanisms of Their Anticancer Action, Postgraduate, G.BAYTEKİN(Student), 2022

Altıntop M. D., Synthesis and Biological Activity Studies of New Triazole and Triazolothiadiazine Derivatives, Postgraduate, N.YILMAZ(Student), 2020

Altıntop M. D., Synthesis and Anticancer Activity Studies of New Thiazole Derivatives, Postgraduate, E.ZEYTÜN(Student), 2020

Altıntop M. D., Synthesis and Biological Activity Studies of New Hydrazone Derivatives, Postgraduate, E.MERVE(Student), 2019

Altıntop M. D., Synthesis and Anticancer Activity Studies of New Pyrazoline Derivatives, Doctorate, B.SEVER(Student), 2019

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

Altıntop M. D., The Synthesis of New Thiazole Derivatives and Their Biological Activity Studies, Postgraduate, A.ERGÜÇ(Student), 2016

Altıntop M. D., Kaplancıklı Z. A., Synthesis and Biological Activity Studies of New Triazolothiadiazine Derivatives , Postgraduate, B.SEVER(Student), 2015

Jury Memberships

Associate Professor Exam, Associate Professor Exam, March, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **Design, Synthesis, and In Vivo Evaluation of a New Series of Indole- Chalcone Hybrids as Analgesic and Anti-Inflammatory Agents**
Baramaki I., Altıntop M. D., Arslan R., Alyu Altnok F., Özdemir A., Dallalı I., Hasan A., Bektaş Türkmen N.
ACS OMEGA, vol.9, pp.12175-12183, 2024 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **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)

- VII. **Microwave-assisted synthesis of a series of 4,5-dihydro-1H-pyrazoles endowed with selective COX-1 inhibitory potency**
Altıntop M. D., Temel H. E., Özdemir A.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.88, no.4, pp.355-365, 2023 (SCI-Expanded)
- VIII. **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)
- IX. **Synthesis, in silico and in vitro evaluation of new 3,5-disubstituted-1,2,4-oxadiazole derivatives as carbonic anhydrase inhibitors and cytotoxic agents**
Kucukoglu K., Faydali N., Bul D., NADAROĞLU H., SEVER B., ALTINTOP M. D., Ozturk B., Guzel I.
Journal of Molecular Structure, vol.1276, 2023 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **Novel metabolic enzyme inhibitors designed through the molecular hybridization of thiazole and pyrazoline scaffolds**
SEVER B., TÜRKES C., ALTINTOP M. D., Demir Y., AKALIN ÇİFTÇİ G., BEYDEMİR Ş.
ARCHIV DER PHARMAZIE, vol.354, no.12, 2021 (SCI-Expanded)
- XVI. **EGFR-Targeted Pentacyclic Triterpene Analogues for Glioma Therapy**
Ciftci H. I., Radwan M. O., SEVER B., Hamdy A. K., EMİRDAĞ S., Ulusoy N. G., Sozer E., Can M., YAYLI N., Araki N., et al.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.22, no.20, 2021 (SCI-Expanded)
- XVII. **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., Yılmaz N., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.345, 2021 (SCI-Expanded)
- XVIII. **A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity**
SEVER B., ALTINTOP M. D., Demir Y., TÜRKES C., Ozbas K., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.
OPEN CHEMISTRY, vol.19, no.1, pp.347-357, 2021 (SCI-Expanded)
- XIX. **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)
- XX. **A new series of benzoxazole-based SIRT1 modulators for targeted therapy of non-small-cell lung cancer**
SEVER B., AKALIN ÇİFTÇİ G., ALTINTOP M. D.
ARCHIV DER PHARMAZIE, vol.354, no.1, 2021 (SCI-Expanded)

- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **Thiazolyl-pyrazoline derivatives: In vitro and in silico evaluation as potential acetylcholinesterase and carbonic anhydrase inhibitors**
SEVER B., TÜRKEŞ C., ALTINTOP M. D., Demir Y., BEYDEMİR Ş.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.163, pp.1970-1988, 2020 (SCI-Expanded)
- XXVI. **Pyrazole Incorporated New Thiosemicarbazones: Design, Synthesis and Investigation of DPP-4 Inhibitory Effects**
SEVER B., Soybir H., Gorgulu S., CANTÜRK Z., ALTINTOP M. D.
MOLECULES, vol.25, no.21, 2020 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **In vitro and in silico studies on AChE inhibitory effects of a series of donepezil-like arylidene indanones**
SEVER B., ALTINTOP M. D., TEMEL H. E.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, no.4, pp.359-363, 2020 (SCI-Expanded)
- XXIX. **Design, Synthesis, In vitro and In silico Evaluation of New Hydrazone-based Antitumor Agents as Potent Akt Inhibitors**
Gungor E. M., ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.11, pp.1380-1392, 2020 (SCI-Expanded)
- XXX. **Synthesis, In vitro and In silico Evaluation of a Series of Pyrazolines as New Anticholinesterase Agents**
ALTINTOP M. D.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.5, pp.574-584, 2020 (SCI-Expanded)
- XXXI. **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)
- XXXII. **Investigation of the inhibitory effects of isoindoline-1,3-dione derivatives on hCA-I and hCA-II enzyme activities**
NADAROĞLU H., Gungor A. A., GÜNDOĞDU Ö., KİSHALI N., SEVER B., ALTINTOP M. D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1197, pp.386-392, 2019 (SCI-Expanded)
- XXXIII. **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)

- XXXIV. **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)
- XXXV. **In silico Molecular Docking and ADME Studies of 1,3,4-Thiadiazole Derivatives in Relation to in vitro PON1 Activity**
SEVER B., KÜÇÜKOĞLU K., NADAROĞLU H., ALTINTOP M. D.
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.15, no.2, pp.136-144, 2019 (SCI-Expanded)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **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)
- XLI. **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)
- XLII. **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 EKLIÖĞLU Ö., BAYSAL M., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.7, pp.744-756, 2018 (SCI-Expanded)
- XLIII. **Synthesis and Mosquitocidal Activity of a Series of Hydrazone Derivatives against Aedes aegypti**
ALTINTOP M. D., Tabanca N., Becnel J. J., Bloomquist J. R., KAPLANCIKLI Z. A., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.6, pp.671-677, 2018 (SCI-Expanded)
- XLIV. **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)
- XLV. **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 EKLIÖĞLU Ö., Turan-Zitouni G., KAPLANCIKLI Z. A.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1606-1616, 2018 (SCI-Expanded)
- XLVI. **Synthesis and Biological Evaluation of New Quinoline-Based Thiazolyl Hydrazone Derivatives as Potent Antifungal and Anticancer Agents**
Erguc A., ALTINTOP M. D., ATLI EKLIÖĞLU Ö., SEVER B., İŞCAN G., Gormus G., ÖZDEMİR A.

- LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.2, pp.193-202, 2018 (SCI-Expanded)
- XLVII. **A New Series of Pyrrole-Based Chalcones: Synthesis and Evaluation of Antimicrobial Activity, Cytotoxicity, and Genotoxicity**
ÖZDEMİR A., ALTINTOP M. D., SEVER B., Gencer H. K., KAPKAÇ H. A., ATLI EKİÖĞLU Ö., BAYSAL M.
MOLECULES, vol.22, no.12, 2017 (SCI-Expanded)
- XLVIII. **Potential inhibitors of human carbonic anhydrase isozymes I and II: Design, synthesis and docking studies of new 1,3,4-thiadiazole derivatives**
ALTINTOP M. D., SEVER B., ÖZDEMİR A., KÜÇÜKOĞLU K., Onem H., NADAROĞLU H., KAPLANCIKLI Z. A.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.13, pp.3547-3554, 2017 (SCI-Expanded)
- XLIX. **Synthesis and Evaluation of New Oxadiazole, Thiadiazole, and Triazole Derivatives as Potential Anticancer Agents Targeting MMP-9**
ÖZDEMİR A., SEVER B., ALTINTOP M. D., TEMEL H. E., ATLI EKİÖĞLU Ö., BAYSAL M., DEMİRÇİ F.
MOLECULES, vol.22, no.7, 2017 (SCI-Expanded)
- L. **Toxicity and Synergistic Activities of Chalcones Against Aedes aegypti (Diptera: Culicidae) and Drosophila melanogaster (Diptera: Drosophilidae)**
Gross A. D., Tabanca N., Islam R., Ali A., Khan I. A., KAPLANCIKLI Z. A., ALTINTOP M. D., ÖZDEMİR A., Bloomquist J. R.
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- LI. **Synthesis and Evaluation of A New Series of Thiazole Derivatives as Potential Antitumor Agents and MMP Inhibitors**
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LIII. Design, Synthesis and Evaluation of New Oxadiazole Derivatives as Potential Akt Inhibitors

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