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Personal Information

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Education Information

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

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Yl) (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 (Yl) (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

Kanita 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

Kanita 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

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

Altintop 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

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

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

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

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

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

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

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

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

Altintop 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 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., Özdemir A., Dallalı I., Hasan A., Bektaş Türkmen N. ACS OMEGA, vol.9, pp.12175-12183, 2024 (SCI-Expanded)
- II. **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)
- III. **Design, Synthesis, and Evaluation of a New Series of Hydrazones as Small-Molecule Akt Inhibitors for NSCLC Therapy**
Erdönmez B., Altintop M. D., Akalın Çiftçi G., Özdemir A., Ece A.
ACS OMEGA, vol.8, no.22, pp.20056-20065, 2023 (SCI-Expanded)
- IV. **Microwave-assisted synthesis of a series of 4,5-dihydro-1H-pyrazoles endowed with selective COX-1 inhibitory potency**
Altintop M. D., Temel H. E., Özdemir A.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.88, no.4, pp.355-365, 2023 (SCI-Expanded)
- V. **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., Altintop M. D.
DRUG DEVELOPMENT RESEARCH, vol.84, no.2, pp.185-199, 2023 (SCI-Expanded)
- VI. **A new series of hydrazones as small-molecule aldose reductase inhibitors**
Altintop 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)
- VII. **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., Faydalı N., Bul D., NADAROĞLU H., SEVER B., ALTINTOP M. D., Ozturk B., Guzel I.
Journal of Molecular Structure, vol.1276, 2023 (SCI-Expanded)
- VIII. **In vitro evaluation of 2-pyrazoline derivatives as DPP-4 inhibitors**
Temel H. E., Altintop M. D., Sever B., Özdemir A., Akalın Çiftçi G.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, no.1, pp.104-109, 2023 (SCI-Expanded)
- IX. **Discovery of Small Molecule COX-1 and Akt Inhibitors as Anti-NSCLC Agents Endowed with Anti-Inflammatory Action**
Altintop M. D., Akalın Çiftçi G., Yilmaz 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)
- X. **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**
Altintop 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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)

- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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 DERGİSİ, vol.45, no.4, pp.359-363, 2020 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **A Series of Furan-based Hydrazones: Design, Synthesis, and Evaluation of Antimicrobial Activity, Cytotoxicity and Genotoxicity**
ALTINTOP M. D., SEVER B., ATLI EKLİOĞLU Ö., BAYSAL M., Demirel R., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.3, pp.312-322, 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. **Investigation of the inhibitory effects of isoindoline-1,3-dion derivatives on hCA-I and hCA-II enzyme activities**
NADAROĞLU H., Gungor A. A., GÜNDÖĞDU Ö., KİŞHALI N., SEVER B., ALTINTOP M. D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1197, pp.386-392, 2019 (SCI-Expanded)
- XXXI. **Design, synthesis and biological evaluation of a new series of thiazolyl-pyrazolines as dual EGFR and HER2 inhibitors**
Sever B., Altintop M. D., Radwan M. O., Özdemir A., Otsuka M., Fujita M., Ciftci H. I.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.182, 2019 (SCI-Expanded)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **Design, Synthesis, and Neuroprotective Effects of a Series of Pyrazolines against 6-Hydroxydopamine-Induced Oxidative Stress**
ÖZDEMİR A., SEVER B., ALTINTOP M. D., KAYA TİLKİ E., DİKMEN M.
MOLECULES, vol.23, no.9, 2018 (SCI-Expanded)
- XXXVI. **Design, synthesis, in vitro and in silico evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors**
Altintop M. D., Sever B., Akalin Çiftçi G., Turan-Zitouni G., Kaplancıklı Z. A., Özdemir A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.905-924, 2018 (SCI-Expanded)
- XXXVII. **Design, synthesis, in vitro and in silico evaluation of new pyrrole derivatives as monoamine oxidase inhibitors**
ALTINTOP M. D., SEVER B., OSMANIYE D., SAĞLIK B. N., ÖZDEMİR A.
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (SCI-Expanded)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **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)
- 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**
Altintop 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 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)
- XLIII. **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)
- XLIV. **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)
- XLV. **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 EKLİOĞLU Ö., BAYSAL M.
MOLECULES, vol.22, no.12, 2017 (SCI-Expanded)
- XLVI. **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)
- XLVII. **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 EKLİOĞLU Ö., BAYSAL M., DEMİRCİ F.
MOLECULES, vol.22, no.7, 2017 (SCI-Expanded)
- XLVIII. **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.
JOURNAL OF MEDICAL ENTOMOLOGY, vol.54, no.2, pp.382-386, 2017 (SCI-Expanded)
- XLIX. **Cytotoxic, Apoptotic and DNA Synthesis Inhibitory Effects of Some Thiazole Derivatives**
AKALIN ÇİFTÇİ G., ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A., KAPLANCIKLI Z. A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.5, pp.554-566, 2017 (SCI-Expanded)
- L. **Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors**
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