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Education Information

Post Doctorate, Kumamoto University, Faculty of Life Sciences, Medicinal and Biological Chemistry Science Farm Joint Research Laboratory, Japan 2022 - 2023

Post Doctorate, Kumamoto University, Faculty of Life Sciences, Medicinal and Biological Chemistry Science Farm Joint Research Laboratory, Japan 2020 - 2021

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey 2015 - 2019

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 2008 - 2013

Dissertations

Doctorate, Yeni pirazolin türevlerinin sentezi ve antikanser etki çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2019

Postgraduate, Yeni triazolotiyadiazin türevlerinin sentezi ve biyolojik etki çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 2015

Courses

ECZ453 (Tür) K Kanıta Dayalı Eczacılık ve Arastırma IX, Undergraduate, 2021 - 2022

ECZ875 (Tür) H Mezuniyet Projesi I, Undergraduate, 2021 - 2022

ECZ321 (Tür) Farmasötik Kimya Uygulamaları I, Undergraduate, 2021 - 2022

ECZ115-3 (Tür) A Genel Kimya, Undergraduate, 2021 - 2022

ECZ 321 Farmasötik Kimya Uygulamaları I (Tür) (Yaz Okulu), Undergraduate, 2020 - 2021

ECZ875 Mezuniyet Projesi I (Tür) H Grubu, Undergraduate, 2019 - 2020

ECZ876 Mezuniyet Projesi II (Tür) H Grubu, Undergraduate, 2019 - 2020

ECZ322 Farmasötik Kimya Uygulamaları II (Tür), Undergraduate, 2019 - 2020

ECZ321 Farmasötik Kimya Uygulamaları I (Tür) B Grubu, Undergraduate, 2019 - 2020

ECZ321 Farmasötik Kimya Uygulamaları I (Tür) A Grubu, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Review of FDA-Approved Anti-HIV-1 Drugs, Anti-Gag Compounds, and Potential Strategies for HIV-1 Eradication**
SEVER B., Otsuka M., Fujita M., Ciftci H.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.25, no.7, 2024 (SCI-Expanded)
- II. **Editorial: Multi-targeted tyrosine kinase inhibitors in the treatment of cancer and neurodegenerative disorders**
SEVER B., Saso L., Tzoneva R., Onnis V., Ciftci H.
FRONTIERS IN CHEMISTRY, vol.12, 2024 (SCI-Expanded)
- III. **Discovery of the Aminated Quinoxalines as Potential Active Molecules**
Bener S., Bayrak N., Mataraci-Kara E., YILDIZ M., SEVER B., Ciftci H., Tuyun A. F.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.21, no.15, pp.3285-3297, 2024 (SCI-Expanded)
- IV. **Scaffold Hopping and Structural Modification of NSC 663284: Discovery of Potent (Non)Halogenated Aminobenzoquinones**
Bayrak N., Sever B., Ciftci H., Otsuka M., Fujita M., Tuyun A. F.
BIOMEDICINES, vol.12, no.1, 2024 (SCI-Expanded)
- V. **Structural Characterization of TRAF6 N-Terminal for Therapeutic Uses and Computational Studies on New Derivatives**
Güven O., Sever B., Basoglu-Unal F., Ece A., Tateishi H., Koga R., Radwan M. O., Demir N., Can M., Aytemir M. D., et al.
PHARMACEUTICALS, vol.16, no.11, 2023 (SCI-Expanded)
- VI. **Evaluation of anti-glioma effects of benzothiazoles as efficient apoptosis inducers and DNA cleaving agents**
SEVER B., Ciftci H.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.478, no.5, pp.1099-1108, 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., Faydali 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 DERGISI, no.1, pp.104-109, 2023 (SCI-Expanded)
- IX. **Studies on 1,4-Quinone Derivatives Exhibiting Anti-Leukemic Activity along with Anti-Colorectal and Anti-Breast Cancer Effects**
Ciftci H., SEVER B., Kaya N., BAYRAK N., Yıldız M., YILDIRIM H., Tateishi H., Otsuka M., Fujita M., TUYUN A. F.
Molecules, vol.28, no.1, 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. **Design, semi-synthesis and examination of new gypsogenin derivatives against leukemia via Abl tyrosine kinase inhibition and apoptosis induction**
Ulusoy N. G., EMİRDAĞ S., Sozer E., Radwan M. O., Ciftci H., AKSEL M., ÖZMEN A., YAYLI N., KARAYILDIRIM T., ALANKUŞ Ö., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.222, pp.1487-1499, 2022 (SCI-Expanded)
- XII. **Identification of New L-Heptanoylphosphatidyl Inositol Pentakisphosphate Derivatives Targeting the Interaction with HIV-1 Gag by Molecular Modelling Studies**
Ciftci H., SEVER B., Ayan E., Can M., DeMirci H., Otsuka M., TuYuN A. F., Tateishi H., Fujita M.
PHARMACEUTICALS, vol.15, no.10, 2022 (SCI-Expanded)
- XIII. **An investigation of bacteriocin nisin anti-cancer effects and FZD7 protein interactions in liver cancer cells**
BALÇIK ERÇİN P., SEVER B.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.366, 2022 (SCI-Expanded)

- XIV. **In Vitro Cytotoxicity Evaluation of Plastoquinone Analogues against Colorectal and Breast Cancers along with In Silico Insights**
Ciftci H., SEVER B., Bayrak N., Tateishi H., Otsuka M., Fujita M., TUYUN A. F., Mahmut Yildiz M. Y., YILDIRIM H. PHARMACEUTICALS, vol.15, no.10, 2022 (SCI-Expanded)
- XV. **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)
- XVI. **Comprehensive Research on Past and Future Therapeutic Strategies Devoted to Treatment of Amyotrophic Lateral Sclerosis**
SEVER B., Ciftci H., DeMirici H., Sever H., Ocak F., Yulug B., Tateishi H., Tateishi T., Otsuka M., Fujita M., et al. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.5, 2022 (SCI-Expanded)
- XVII. **In Vitro and In Silico Study of Analogs of Plant Product Plastoquinone to Be Effective in Colorectal Cancer Treatment**
Ciftci H., SEVER B., Ocak F., Bayrak N., YILDIZ M., YILDIRIM H., DeMirici H., Tateishi H., Otsuka M., Fujita M., et al. MOLECULES, vol.27, no.3, 2022 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Design, synthesis and investigation of the mechanism of action underlying anti-leukemic effects of the quinolinequinones as LY83583 analogs**
Ciftci H., BAYRAK N., YILDIZ M., YILDIRIM H., SEVER B., Tateishi H., Otsuka M., Fujita M., Tuyun A. F. BIOORGANIC CHEMISTRY, vol.114, 2021 (SCI-Expanded)
- XXII. **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)
- XXIII. **Structure based design, synthesis, and evaluation of anti-CML activity of the quinolinequinones as LY83583 analogs**
BAYRAK N., Ciftci H. I., YILDIZ M., YILDIRIM H., SEVER B., Tateishi H., Otsuka M., Fujita M., Tuyun A. F. CHEMICO-BIOLOGICAL INTERACTIONS, vol.345, 2021 (SCI-Expanded)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **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)
- XLI. **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)
- XLII. **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)
- XLIII. **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)
- XLIV. **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., Akalın Çiftçi G., Turan-Zitouni G., Kaplancıklı Z. A., Özdemir A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.905-924, 2018 (SCI-Expanded)
- XLV. **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)
- XLVI. **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 EKİÖĞLU Ö., Turan-Zitouni G., KAPLANCIKLI Z. A.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1606-1616, 2018 (SCI-Expanded)
- XLVII. **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 EKİÖĞLU Ö., BAYSAL M., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.7, pp.744-756, 2018 (SCI-Expanded)
- XLVIII. **Synthesis and Biological Evaluation of New Quinoline-Based Thiazolyl Hydrazone Derivatives as Potent Antifungal and Anticancer Agents**
Erguc A., ALTINTOP M. D., ATLI EKİÖĞLU Ö., SEVER B., İŞCAN G., Gormus G., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.2, pp.193-202, 2018 (SCI-Expanded)
- XLIX. **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.
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- L. **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)
- LI. **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)
- LII. **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)

- LIII. **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., DEMİRCİ F.
MOLECULES, vol.22, no.7, 2017 (SCI-Expanded)
- LIV. **Synthesis and Evaluation of New Thiazolyl Hydrazone Derivatives as Potential Anticancer Agents**
KAPLANCIKLI Z. A., SEVER B., ALTINTOP M. D., ATLI EKİÖĞLU Ö., BAYSAL M., ÖZDEMİR A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.6, pp.672-677, 2017 (SCI-Expanded)
- LV. **Synthesis and Evaluation of A New Series of Thiazole Derivatives as Potential Antitumor Agents and MMP Inhibitors**
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- LVI. **Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors**
Altıntop M. D., Sever B., Akalın Çiftçi G., Kucukoglu K., Özdemir A., Soleimani S. S., Nadaroglu H., Kaplancikli Z. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.125, pp.190-196, 2017 (SCI-Expanded)
- LVII. **Synthesis and Evaluation of New Benzodioxole-Based Thiosemicarbazone Derivatives as Potential Antitumor Agents**
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MOLECULES, vol.21, no.11, 2016 (SCI-Expanded)
- LVIII. **Indomethacin based new triazolothiadiazine derivatives: Synthesis, evaluation of their anticancer effects on T98 human glioma cell line related to COX-2 inhibition and docking studies**
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- LIX. **Synthesis and evaluation of naphthalene-based thiosemicarbazone derivatives as new anticancer agents against LNCaP prostate cancer cells**
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JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.3, pp.410-416, 2016 (SCI-Expanded)
- LX. **Synthesis and In Vitro Evaluation of New Thiosemicarbazone Derivatives as Potential Antimicrobial Agents**
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JOURNAL OF CHEMISTRY, vol.2016, 2016 (SCI-Expanded)
- LXI. **Synthesis and Evaluation of New 1,5-Diaryl-3-[4-(methyl-sulfonyl)phenyl]-4,5-dihydro-1H-pyrazole Derivatives as Potential Antidepressant Agents**
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- LXII. **Synthesis and Evaluation of Tetrazole-Based Hydrazone Derivatives Bearing a Pyridine Moiety as Antimicrobial Agents**
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Articles Published in Other Journals

- I. **Design, synthesis and biological evaluation of new bis(thiosemicarbazone) derivatives as potential targeted anticancer agents for non-small cell lung cancer**
Sever B., Akalın Çiftçi G., Özdemir A., Altıntop M. D.
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.5, pp.670-680, 2020 (ESCI)
- II. **In vitro and in silico assessment of antiproliferative activity of new acetamides bearing 1,3,4-oxadiazole and pyrimidine cores via COX inhibition**
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G.

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Activities in Scientific Journals

ONCOLOGY RESEARCH, Committee Member, 2024 - Continues

PHARMACEUTICALS, Advisory Committee Member, 2023 - Continues

CURRENT TOPICS IN MEDICINAL CHEMISTRY, Committee Member, 2023 - Continues

HELIYON, Assistant Editor/Section Editor, 2022 - Continues

PLOS ONE, Committee Member, 2022 - Continues

MOLECULES, Special Issue Editor, 2022 - Continues

FRONTIERS IN CHEMISTRY, Special Issue Editor, 2022 - Continues

PHARMACEUTICALS, Special Issue Editor, 2022 - Continues

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OPEN CHEMISTRY, Committee Member, 2020 - Continues

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Awards

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Sever B., "Young Woman Researcher", Venus International Foundation, March 2022