

Assoc. Prof. ZEYNEP ÖZDEMİR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-6384-2020

ScopusID: 57213636835

Yoksis Researcher ID: 38388

Education Information

Doctorate, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya Anabilim Dalı, Turkey 2010 - 2014

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya Anabilim Dalı, Turkey 2007 - 2010

Undergraduate, Inonu University, Eczacılık Fakültesi, Turkey 2003 - 2007

Certificates, Courses and Trainings

Education Management and Planning, MARSEV Sağlık Profesyonele Eğitiminde Ölçme ve Değerlendirme Kursu, Marmara Sağlık Eğitim ve Araştırma Vakfı, 2021

IT, İlaç Araştırmalarında Uygulamalı Moleküler Modelleme ve Simülasyon Teknikleri Kursu, Hacettepe Üniversitesi, 2013

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, İnönü Üniversitesi Deney Hayvanları Üretim ve Araştırma Merkezi, 2009

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Associate Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Assistant Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - 2021

Assistant Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2014 - 2018

Research Assistant, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2007 - 2014

Academic and Administrative Experience

Head of Department, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2014 - 2020

Courses

Meslek Etiđi, Undergraduate, 2023-2024
İlaç Metabolizması, Undergraduate Double Major, 2023-2024
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2023-2024
Farmasötik Kimya I, Undergraduate, 2023-2024
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2023-2024
İlaçlarda Kromatografik Analizler, Undergraduate Double Major, 2023-2024
İlaç Analizlerinde Kullanılan Yöntemler, Undergraduate Double Major, 2023-2024
İlaçlarda Kromatografik Analizler, Postgraduate, 2023 - 2024
İlaç Metabolizması, Undergraduate Double Major, 2022-2023
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2022-2023
Farmasötik Kimya II, Undergraduate, 2022-2023
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2022-2023
Farmasötik Kimya I, Undergraduate, 2022-2023
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2022-2023
Organik Kimyada İsim Reaksiyonları, Undergraduate Double Major, 2022-2023
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2022-2023
Farmasötik Kimyada Organik Sentetik Strateji, Undergraduate Minor, 2022-2023
İlaç Yapı Analizlerinde Spektral Teknikler, Undergraduate Double Major, 2021-2022
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2021-2022
Farmasötik Kimya II, Undergraduate, 2021-2022
Farmasötik Kimya III Laboratuvarı, Undergraduate, 2021-2022
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2021-2022
Biyofarmasi, Undergraduate, 2021-2022
İlaç Metabolizması, Undergraduate Double Major, 2021-2022
Organik Kimya I, Undergraduate Double Major, 2021-2022
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2021-2022
Farmasötik Kimya I, Undergraduate, 2021-2022
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2021-2022
Stereokimya ve Konformasyonel Analiz, Undergraduate Double Major, 2021-2022
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2020-2021
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2020-2021
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2020-2021
Farmasötik ve Biyofarmasötik Analizlerde Kullanılan Spektral Yöntemler II: Spektroskopik Yöntemler, Undergraduate Double Major, 2020-2021
Organik Kimya II, Undergraduate, 2020-2021
Biyofarmasi, Undergraduate, 2020-2021
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2020-2021
Farmasötik Kimya I, Undergraduate, 2020-2021
Farmasötik Kimya I, Undergraduate, 2019-2020
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2019-2020
Biyofarmasi, Undergraduate, 2019-2020
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2019-2020
Farmasötik Kimya IV Laboratuvarı, Undergraduate, 2019-2020
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2019-2020
Farmasötik Kimya III, Undergraduate, 2019-2020
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2019-2020
Biyofarmasi, Undergraduate, 2018 - 2019
ECZACILIKTA BİLİMSEL ÇALIŞMA İLKELERİ I, Undergraduate, 2017 - 2018
İlaç Keşfinin Aşamaları ve Yeni Yaklaşımlar, Undergraduate Double Major, 2018-2019
İlaç Etken Madde Üretim Stratejileri, Undergraduate Double Major, 2018-2019
FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2017 - 2018, 2016 - 2017

Biyofarmasi, Undergraduate, 2018-2019
Farmasötik Kimya I, Undergraduate, 2018-2019
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2018-2019
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2018-2019
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2017 - 2018, 2016 - 2017
FARMASÖTİK KİMYA I, Undergraduate, 2017 - 2018, 2016 - 2017
ORGANİK KİMYA I, Undergraduate, 2017 - 2018
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2017-2018
Organik Kimya, Undergraduate, 2016 - 2017
Farmasötik Kimya III, Undergraduate, 2016 - 2017
Organik Kimya I, Undergraduate, 2017-2018
Araştırma Projesi, Undergraduate, 2016 - 2017
Farmasötik Kimya I, Undergraduate, 2017-2018
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2017-2018
Organik Kimya II, Undergraduate, 2017-2018
İlaç Metabolizması, Undergraduate, 2016 - 2017
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2017-2018
Farmasötik Kimya II, Undergraduate, 2017-2018
İlaçlarda Adlandırma Kuralları, Undergraduate, 2016 - 2017
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2017-2018
Farmasötik Kimya IV Laboratuvarı, Undergraduate, 2017-2018
Organik Reaksiyon Mekanizmaları II, Undergraduate Minor, 2016-2017
Araştırma Projesi II, Undergraduate, 2016-2017
Araştırma Projesi I, Undergraduate, 2016-2017
NMR Spektroskopisi, Undergraduate Minor, 2016-2017
Organik Kimya II, Undergraduate, 2016-2017
İlaç Metabolizması, Undergraduate, 2016-2017
Farmasötik Kimya II, Undergraduate, 2016-2017
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2016-2017
Farmasötik Kimya I, Undergraduate, 2016-2017
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2016-2017
Farmasötik Kimya III Laboratuvarı, Undergraduate, 2016-2017
Farmasötik Kimya III, Undergraduate, 2016-2017
İlaçlarda Adlandırma Kuralları, Undergraduate, 2016-2017
Organik Kimya I, Undergraduate, 2016-2017
Araştırma Projesi I, Undergraduate, 2015-2016
Farmasötik Kimya II, Undergraduate, 2015-2016
Farmasötik Kimya II Laboratuvarı, Undergraduate, 2015-2016
Araştırma Projesi II, Undergraduate, 2015-2016
İlaçlarda Adlandırma Kuralları, Undergraduate, 2014-2015
Farmasötik Kimya I Laboratuvarı, Undergraduate, 2014-2015
Farmasötik Kimya III, Undergraduate, 2014-2015
Araştırma Projesi II, Undergraduate, 2014-2015
İzomeri ve Aktivitede Önemi, Undergraduate, 2014-2015
Organik Kimya I, Undergraduate, 2014-2015
Araştırma Projesi I, Undergraduate, 2014-2015
Farmasötik Kimyada Literatür Tarama Teknikleri, Undergraduate Minor, 2014-2015
Farmasötik Kimya III Laboratuvarı, Undergraduate, 2014-2015
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2013-2014
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2013-2014
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2013-2014

FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2013-2014
FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2012-2013
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2012-2013
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2012-2013
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2012-2013
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2011-2012
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2011-2012
FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2011-2012
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2011-2012
FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2010-2011
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2010-2011
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2010-2011
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2010-2011
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2009-2010
FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2009-2010
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2009-2010
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2009-2010
FARMASÖTİK KİMYA III LABORATUVARI, Undergraduate, 2008-2009
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2008-2009
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2008-2009
FARMASÖTİK KİMYA I LABORATUVARI, Undergraduate, 2008-2009
FARMASÖTİK KİMYA II LABORATUVARI, Undergraduate, 2007-2008
FARMASÖTİK KİMYA IV LABORATUVARI, Undergraduate, 2007-2008

Advising Theses

Özdemir Z., Uysal M., SYNTHESIS OF SOME NEW HYDRAZONE DERIVATIVES, ANTI-ALZHEIMER ACTIVITIES AND MOLECULAR MODELING STUDIES , Doctorate, M.ÇEÇEN(Student), Continues

Özdemir Z., Kiral bileşiklerin enansiyomerlerine ayırımı, Postgraduate, E.KARACA(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Elucidating the antimicrobial and anticarcinogenic potential of methanolic and water extracts of edible *Tragopogon coelestis* Boiss.**
Ünver T., Uzuner U., Çelik Uzuner S., Gürhan İ., Sivri N. S., Özdemir Z.
FOOD SCIENCE & NUTRITION, vol.00, pp.1-21, 2024 (SCI-Expanded)
- II. **Inhibition of Monoamine Oxidases by Pyridazinobenzylpiperidine Derivatives**
Oh J. M., Zenni Y. N., Özdemir Z., Kumar S., Kılıç S., Akdağ M., Özçelik A. B., Kim H., Mathew B.
MOLECULES, vol.29, no.13, pp.1-19, 2024 (SCI-Expanded)
- III. **Inhibition of Cholinesterases by Benzothiazolone Derivatives**
Alagöz M. A., Kim S. M., Oh J. M., Arslan G., Özdemir Z., Sarı S., Özçelik A. B., Önkol T., Trisciuzzi D., Nicolotti O., et al.
Processes, vol.10, no.9, pp.1-12, 2022 (SCI-Expanded)
- IV. **Integrated Experimental and Theoretical Approaches to Investigate the Molecular Mechanisms of the Enantioseparation of Chiral Anticonvulsant and Antifungal Compounds**
Gambacorta N., Özdemir Z., Doğan İ. S., Ciriaco F., Zenni Y. N., Karakurt A., Saraç S., Nicolotti O.
JOURNAL OF MOLECULAR STRUCTURE, pp.1-30, 2022 (SCI-Expanded)
- V. **Histological assessment of liver and stomach damage caused by pyridazinone derivative antidepressant agents**
ÖZDEMİR Z., KARAKURT A., TAŞLIDERE E., VARDI N., ALAGÖZ M. A., PARLAKPINAR H., USLU H., GÖZÜKARA BAĞ H.

- G.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.5, pp.355-362, 2022 (SCI-Expanded)
- VI. **Antifungal Azole Derivatives Featuring Naphthalene Prove Potent and Competitive Cholinesterase Inhibitors with Potential CNS Penetration According to the in Vitro and in Silico Studies**
SARI S., AKKAYA D., ZENGİN M., SABUNCUOĞLU S., ÖZDEMİR Z., ALAGÖZ M. A., KARAKURT A., BARUT B.
CHEMISTRY & BIODIVERSITY, vol.19, no.7, 2022 (SCI-Expanded)
- VII. **Development of a Novel Class of Pyridazinone Derivatives as Selective MAO-B Inhibitors**
Alagöz M. A., Oh J. M., Zenni Y. N., Özdemir Z., Abdelgawad M. A., Naguib I. A., Ghoneim M. M., Gambacorta N., Nicolotti O., Kim H., et al.
MOLECULES, vol.27, no.12, 2022 (SCI-Expanded)
- VIII. **Conventional and microwave prompted synthesis of aryl(alkyl)azole oximes, 1H-NMR spectroscopic determination of E/Z isomer ratio and HOMO-LUMO analysis**
Bozbey I., Uslu H., Türkmenoğlu B., Özdemir Z., Karakurt A., Levent S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1251, pp.1-12, 2022 (SCI-Expanded)
- IX. **Azoles containing naphthalene with activity against Gram-positive bacteria: in vitro studies and in silico predictions for flavohemoglobin inhibition**
SARI S., SABUNCUOĞLU S., KOÇAK ASLAN E., AVCI A., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., ALAGÖZ M. A., KARAKURT A., et al.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.20, pp.10220-10229, 2022 (SCI-Expanded)
- X. **Synthesis, Cytotoxicity and Anti-Proliferative Activity Against AGS Cells of New 3(2*H*)-Pyridazinone Derivatives Endowed with a Piperazinyl Linker.**
Alagöz M. A., Özdemir Z., Uysal M., Carradori S., Gallorini M., Ricci A., Zara S., Mathew B.
Pharmaceuticals (Basel, Switzerland), vol.14, 2021 (SCI-Expanded)
- XI. **Azole derivatives with naphthalene showing potent antifungal effects against planktonic and biofilm forms of *Candida* spp.: an in vitro and in silico study**
SARI S., Kocak E., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., KARAKURT A., DALKARA S.
INTERNATIONAL MICROBIOLOGY, vol.24, no.1, pp.93-102, 2021 (SCI-Expanded)
- XII. **Monoamineoxidase-B (MAO-B) Inhibitors in the Treatment of Alzheimer's and Parkinson's Disease.**
Özdemir Z., Alagöz M. A., Bahçecioğlu Ö. F., Gök S.
Current medicinal chemistry, vol.28, pp.6045-6065, 2021 (SCI-Expanded)
- XIII. **Antibacterial azole derivatives: Antibacterial activity, cytotoxicity, and in silico mechanistic studies**
SARI S., AVCI A., Kocak E., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., KARAKURT A., Sarac S., et al.
DRUG DEVELOPMENT RESEARCH, vol.81, no.8, pp.1026-1036, 2020 (SCI-Expanded)
- XIV. **Design, Synthesis, and Biological Evaluation of Pyridazinones Containing the (2-Fluorophenyl) Piperazine Moiety as Selective MAO-B Inhibitors**
Cecen M., Oh J. M., ÖZDEMİR Z., BÜYÜKTUNCEL S. E., UYSAL M., Abdelgawad M. A., Musa A., Gambacorta N., Nicolotti O., Mathew B., et al.
MOLECULES, vol.25, no.22, 2020 (SCI-Expanded)
- XV. **Synthesis, molecular modelling and biological activity of some pyridazinone derivatives as selective human monoamine oxidase-B inhibitors**
ÖZDEMİR Z., Alagöz M. A., Uslu H., KARAKURT A., Erikci A., Ucar G., UYSAL M.
PHARMACOLOGICAL REPORTS, vol.72, no.3, pp.692-704, 2020 (SCI-Expanded)
- XVI. **A Series of New Hydrazone Derivatives: Synthesis, Molecular Docking and Anticholinesterase Activity Studies**
BOZBEY İ., ÖZDEMİR Z., Uslu H., ÖZÇELİK A. B., ŞENOL F. S., ERDOĞAN ORHAN İ., Uysal M.
MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.20, no.11, pp.1042-1060, 2020 (SCI-Expanded)
- XVII. **Synthesis and biological evaluation of new 3(2*H*)-pyridazinone derivatives as non-toxic anti-proliferative compounds against human colon carcinoma HCT116 cells**
ÖZDEMİR Z., UTKU S., Mathew B., Carradori S., Orlando G., Di Simone S., Alagöz M. A., ÖZÇELİK A. B., UYSAL M., Ferrante C.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.35, no.1, pp.1100-1109, 2020 (SCI-Expanded)

- XVIII. **A new series of pyridazinone derivatives as cholinesterases inhibitors: Synthesis, in vitro activity and molecular modeling studies**
ÖZÇELİK A. B., ÖZDEMİR Z., SARI S., UTKU S., UYSAL M.
PHARMACOLOGICAL REPORTS, vol.71, no.6, pp.1253-1263, 2019 (SCI-Expanded)
- XIX. **Antifungal screening and in silico mechanistic studies of an in-house azole library**
SARI S., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., Gencil M., EŞSİZ GÖKHAN Ş., Reynisson J., KARAKURT A., et al.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.94, no.5, pp.1944-1955, 2019 (SCI-Expanded)
- XX. **Synthesis and cytotoxicity studies on new pyrazole-containing oxime ester derivatives**
KARAKURT A., Bozbey I., USLU H., SARI S., ÖZDEMİR Z., ŞALVA E.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.18, no.6, pp.1315-1322, 2019 (SCI-Expanded)
- XXI. **Synthesis, anticonvulsant screening, and molecular modeling studies of new arylalkylimidazole oxime ether derivatives**
ÖZDEMİR Z., SARI S., KARAKURT A., DALKARA S.
DRUG DEVELOPMENT RESEARCH, vol.80, no.2, pp.269-280, 2019 (SCI-Expanded)
- XXII. **SYNTHESIS OF NEW 6-[4-(2-FLUOROPHENYLPIPERAZINE-1-YL)]-3(2H)-PYRIDAZINONE-2-ACETHYL-2-(SUBSTITUTEDBENZAL)HYDRAZONE DERIVATIVES AND EVALUATION OF THEIR CYTOTOXIC EFFECTS IN LIVER AND COLON CANCER CELL LINES**
ÖZDEMİR Z., BASAK-TURKMEN N., AYHAN I., Ciftci O., Uysal M.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.52, no.11, pp.923-929, 2019 (SCI-Expanded)
- XXIII. **Synthesis, anticonvulsant activity, and molecular modeling studies of novel 1-phenyl/1-(4-chlorophenyl)-2-(1H-triazol-1-yl)ethanol ester derivatives**
DOĞAN İ. S., ÖZDEMİR Z., SARI S., BOZBEY İ., KARAKURT A., Sarac S.
MEDICINAL CHEMISTRY RESEARCH, vol.27, no.9, pp.2171-2186, 2018 (SCI-Expanded)
- XXIV. **Conventional and microwave prompted synthesis, antioxidant, anticholinesterase activity screening and molecular docking studies of new quinolone-triazole hybrids**
Mermer A., DEMİRBAŞ N., Sirin Y., USLU H., ÖZDEMİR Z., DEMİRBAŞ A.
BIOORGANIC CHEMISTRY, vol.78, pp.236-248, 2018 (SCI-Expanded)
- XXV. **The Novel Synthesized Pyridazinone Derivates Had the Antiproliferative and Apoptotic Effects in SHSY5Y and HEP3B Cancer Cell Line**
ÇİFTÇİ O., ÖZDEMİR Z., ACAR C., SOZEN M., BASAK-TURKMEN N., AYHAN I., GOZUKARA H.
LETTERS IN ORGANIC CHEMISTRY, vol.15, no.4, pp.323-331, 2018 (SCI-Expanded)
- XXVI. **Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors**
ÖZDEMİR Z., Yılmaz H., SARI S., KARAKURT A., ŞENOL F. S., UYSAL M.
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.10, pp.2293-2308, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enantioseparation of 2-(1H-imidazol-1-yl)-1-(naphthalen-2-yl)ethan-1-ol which is active metabolite of anticonvulsant nafimidone**
Karaca Karadoğan E., ÖZDEMİR Z., ZENİ Y. N., KARAKURT A.
Anatolian Journal of Pharmaceutical Sciences, vol.2, no.1, pp.85-95, 2023 (Peer-Reviewed Journal)
- II. **Synthesis, Molecular Docking and Molecular Dynamics Simulation Studies of Some Pyridazinone Derivatives as Lipase Inhibitors**
ALAGÖZ M. A., DOĞAN İ. S., Şener S., ÖZDEMİR Z.
CUMHURİYET SCIENCE JOURNAL, vol.43, no.3, pp.391-397, 2022 (Peer-Reviewed Journal)
- III. **Novel 2, 6-disubstituted-3-(2H)-pyridazines as Cholinesterase Inhibitors: In vitro Enzyme Inhibition**

and In silico Molecular Modelling and Dynamic Studies

ÖZÇELİK A. B., Rüzgar H. E., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., ALAGÖZ M. A., ÖZDEMİR Z.
Journal of Gazi University Health Sciences Institute, vol.4, no.2, pp.80-95, 2022 (Peer-Reviewed Journal)

- IV. **Pharmacologically Active Molecules Bearing the Pyridazinone Ring as Main Scaffold**
ÖZDEMİR Z., ALAGÖZ M. A., ARSLAN G., ÖZÇELİK A. B.
Journal of Gazi University Health Sciences Institute, vol.4, no.2, pp.61-79, 2022 (Peer-Reviewed Journal)
- V. **Cytotoxic effect of azole compounds bearing trifluorophenyl ring on MCF-7, MDA-MB-231, and HCT-116 cancer cell line**
ALAGÖZ M. A., ÖZDEMİR Z., HEPOKUR C., KARAKURT A.
Medicine Science, vol.11, no.3, pp.1212-1216, 2022 (Peer-Reviewed Journal)
- VI. **Synthesis, molecular modeling and evaluation of anticancer activities of some 1-substituted-4-phenyl piperazine derivatives**
ALAGÖZ M. A., ÖZDEMİR Z., HEPOKUR C., Bostancı H. E., ÖNKOL T.
Macedonian Pharmaceutical Bulletin, vol.66, no.03, pp.53-54, 2020 (Peer-Reviewed Journal)
- VII. **QSAR and pharmacophore analysis on pyridazinone derivatives as acetylcholinesterase inhibitors**
ALAGÖZ M. A., ÖZDEMİR Z., ZENNİ Y. N., YILMAZ T., ÖNKOL T.
Annals of Medical Research, vol.27, no.1, pp.266-270, 2020 (Peer-Reviewed Journal)
- VIII. **Conventional and Microwave Assisted Synthesis of New Triazole Derivatives and Evaluation of Their Antimicrobial Activities**
ÖZDEMİR Z., DOĞAN İ. S., ALAGÖZ M. A., SELLİTEPE H. E., KART D.
Hacettepe Journal of Biology and Chemistry, vol.47, pp.277-286, 2019 (Peer-Reviewed Journal)
- IX. **Molecular Modelling Studies of Pyridazinone Derivatives as Antibutyrylcholinesterases**
ALAGÖZ M. A., ÖZDEMİR Z., ÖZÇELİK A. B.
International Journal of Pharmacy and Chemistry, vol.5, no.3, pp.26-30, 2019 (Peer-Reviewed Journal)
- X. **Molecular Modelling Studies of Pyridazinone Derivatives as Antibutyrylcholinesterases**
ALAGÖZ M. A., ÖZDEMİR Z., ÖZÇELİK A. B.
International Journal of Pharmacy and Chemistry, vol.5, no.3, pp.26-30, 2019 (Peer-Reviewed Journal)
- XI. **Studies on a novel series of 3(2H)-pyridazinones: Synthesis, molecular modelling, antimicrobial activity**
ÖZDEMİR Z., Alagoz M. A., Akdemir A. G., ÖZÇELİK A. B., ÖZÇELİK B., UYSAL M.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.5, pp.960-972, 2019 (ESCI)
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