

Prof. İLKAY YILDIZ

Personal Information

Mobile Phone: [+90 533 570 5033](tel:+905335705033)
Email: iyildiz@pharmacy.ankara.edu.tr
Other Email: ilkayyildiz48@gmail.com
Web: <https://avesis.ankara.edu.tr/iyildiz>

International Researcher IDs

ScholarID: [kqhu8bgAAAAJ](https://orcid.org/0000-0001-9526-0232)
ORCID: 0000-0001-9526-0232
Publons / Web Of Science ResearcherID: A-1851-2016
ScopusID: 6603772410
Yoksis Researcher ID: 109866

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Turkey 1989 - 1995
Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Turkey 1986 - 1989
Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1982 - 1986

Foreign Languages

German, C1 Advanced

Dissertations

Doctorate, Heterosiklik yapı içeren antimikrobiyal etkili bazı yeni bileşiklerin sentezi, yapılarının aydınlatılması ve kantitatif yapı-etki ilişkileri analizi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 1995
Postgraduate, Bazı 5-süstitüe-2-(2-feniletıl) ve 5-süstitüe-2-(-2-sikloheksiletıl) benzoksazol türevlerinin sentez, yapı aydınlatması ve antimikrobiyal etkileri, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 1989

Research Areas

Pharmacology and Therapeutics

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2004 - Continues
Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1998 - 2004
Associate Professor, Emory University, Emory Emerson Center, Chemistry, 2000 - 2002
Assistant Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1996 - 1998
Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1986 - 1996

Academic and Administrative Experience

Ankara University, 2011 - 2012

Ankara University, 2011 - 2012

Courses

İLAC ETKEN MADDE TASARIMI VE BİLGİSAYAR UYGULAMALARI I, Doctorate, 2022 - 2023, 2021 - 2022
Araştırma Projesi Teorik, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
RESEARCH PROJECT I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014
UZMANLIK ALAN DERSI, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
İlaç Etken Madde Tasarımı ve Bilgisayar Uygulamaları II, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Farmasötik Kimya Giriş, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Medisinal kimyada bilgisayar uygulamaları, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Pharmaceutical Chemistry II Theoric, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Quantitatif Structure-Activity Relationships and Practice for Drug Development II, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021
FARMASÖTİK KİMYA PR.II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
İlaç Etken Maddesi Tasarımı ve Yöntemleri, Undergraduate, 2022 - 2023, 2021 - 2022
Araştırma Projesi , Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Uzmanlık Alan Dersi, Postgraduate, 2022 - 2023, 2021 - 2022
Seminer, Doctorate, 2022 - 2023, 2021 - 2022
FARMASÖTİK KİMYA III, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
İlaç Etken maddesi tasarımı ve bilgisayar Uygulamaları I, Doctorate, 2022 - 2023, 2021 - 2022
Tez Çalışması Doktora, Doctorate, 2022 - 2023, 2021 - 2022
Pharmaceutical Chemistry Lab, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Tez Çalışması, Postgraduate, 2022 - 2023, 2021 - 2022
TARIM VE VETERİNER İLAÇLAR, Undergraduate, 2021 - 2022, 2020 - 2021
İlaç Etken Maddesi Tasarımı ve Yöntemleri , Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Tez Çalışması-Biyoteknoloji, Postgraduate, 2021 - 2022
Araştırma Projesi Teo, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
İlaç geliştirmede kantitatif yapı-etki ilişkileri analizleri I, Doctorate, 2021 - 2022
Medisinal Kimyada Biyoteknoloji, Undergraduate, 2020 - 2021
FARMASÖTİK KİMYA I PRATİK, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015
Organik Kimya, Undergraduate, 2018 - 2019
Pharmaceutical Chemistry III, Undergraduate, 2018 - 2019
İLAC RESEPTÖR ETKİLEŞİMLERİNDE FİZİKOKİMYASAL PARAMETRELER, Postgraduate, 2018 - 2019
Peptid Kimyası II, Doctorate, 2018 - 2019
Farmasötik Kimyada İleri Konular, Doctorate, 2017 - 2018
İLAC RESEPTÖR ETKİLEŞİMLERİNDE FİZİKOKİMYASAL PARAMETRELER, Postgraduate, 2017 - 2018
Enzim Hedefli İlaçlarda Yapı-Etki İlişkileri, Postgraduate, 2017 - 2018
TARIM VE VETERİNER İLAÇLAR, Postgraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014
Spektral ilaç yapı analizlerinde IR spekt. uygulamaları, Postgraduate, 2016 - 2017
Genlere etkili yeni ilaçlar, Postgraduate, 2016 - 2017

ENZİM HEDEFLİ İLAÇLARIN YAPI-ETKİ İLİŞKİLERİ, Postgraduate, 2016 - 2017
FARMASÖTİK KİMYA IV TEORİK, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
İLAÇ TASARIMINDA BİLG.KULLANIMI II, Doctorate, 2016 - 2017
Organik İlaç sentezleri, Doctorate, 2016 - 2017
ORGANİK KİMYA III, Undergraduate, 2016 - 2017
İLAÇ RESEPTÖR ETKİLEŞİMLERİNDE FİZİKOKİMYASAL PARAMETRELER, Doctorate, 2016 - 2017, 2013 - 2014
İLAÇ RESEPTÖR ETKİLEŞİMLERİNDE FİZİKOKİMYASAL PARAMETRELER, Doctorate, 2016 - 2017
İLAÇ TASARIMINDA BİLG.KULLANIMI, Undergraduate, 2014 - 2015
İlaç sentez analizlerinde kullanılan reaktifler, Undergraduate, 2014 - 2015
FARMASÖTİK KİMYA I, Undergraduate, 2014 - 2015
İLAÇ ETKEN MADDE TAS VE BİLG. UYG. I, Postgraduate, 2013 - 2014
FARMASÖTİK VE MED. KİM. İLERİ KONULAR, Postgraduate, 2013 - 2014
FARMASÖTİK KİMYA III pratik, Undergraduate, 2013 - 2014

Advising Theses

YILDIZ İ., Alzheimer hastalığının tedavisine yönelik yeni önder bileşiklerin geliştirilmesi, Doctorate, G.YALÇIN(Student), 2018
YILDIZ İ., Topoizomeraz II inhibitörü bazı yeni heterosiklik bileşiklerin tasarımı, sentezi ve enzim aktiviteleri, Postgraduate, E.KARATAŞ(Student), 2018
YILDIZ İ., Yeni heterosiklik bileşiklerin In silico tasarlanması, sentezlenmesi, yapılarının aydınlatılması ve mikrobiyolojik etkilerinin incelenmesi, Doctorate, S.ATAEI(Student), 2018
YILDIZ İ., Bazı lipid düşürücü ilaçların serum paraoksonaz-1 enzimine afinitelerinin docking metodu ile incelenmesi, Postgraduate, Z.DÜZGÜN(Student), 2013
YILDIZ İ., Bazı yeni sülfonamido benzoksazol türevi bileşiklerin sentez, yapı aydınlatması, antimikrobiyal etki ve moleküler modelleme çalışmaları, Doctorate, T.ERTAN(Student), 2012
YILDIZ İ., Bazı topoizomeraz I inhibitörleri üzerinde moleküler modelleme çalışmaları, Postgraduate, S.ATAEI(Student), 2010
YILDIZ İ., Yeni 2-fenil/benzilbenzoksazol türevlerinin ve olası metabolitlerinin sentezi, yapılarının aydınlatılması, mikrobiyolojik etkileri ve moleküler modelleme çalışmaları, Postgraduate, T.ERTAN(Student), 2005

Advising Graduates (Non-Thesis)

Yıldız İ., Platine Hassas ve Dirençli Over Hastalarında Faz III Çalışmalarındaki Bevasizumab Etkinliği, Masters (Non-Thesis), T.KOCAER(Student), 2018
Yıldız İ., ORAL ANTİDİYABETİK İLAÇLARDA SON GELİŞMELER, Masters (Non-Thesis), E.YÜCEL(Student), 2018
Yıldız İ., Yataklı Tedavi Hizmetlerinde Klinik Eczacının Yeri ve Önemi, Masters (Non-Thesis), T.USTAÖMER(Student), 2015
Yıldız İ., Tarım İlaçları, Masters (Non-Thesis), B.DEMİR(Student), 2010

Jury Memberships

Doctorate, Doctorate, Ankara Üniversitesi, July, 2024
Doctorate, Doctorate, Anna University, June, 2024
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İstinye Üniversitesi, March, 2024
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İstanbul Okan Üniversitesi, March, 2024
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2024

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2024
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2024
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, February, 2024
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2024
Academic Staff Examination, Academic Staff Examination, Ankara Üniversitesi, January, 2024
Doctorate, Doctorate, Gazi Üniversitesi, December, 2023
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2023
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2023
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2023
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, May, 2023
Doctorate, Doctorate, Gazi Üniversitesi, January, 2023
Doctorate, Doctorate, Biruni Üniversitesi, July, 2022
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2022
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, June, 2022
Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2019
Doctorate, Doctorate, Ankara Üniversitesi, December, 2018
Post Graduate, Post Graduate, Ankara Üniversitesi, August, 2018
Doctorate, Doctorate, Gazi Üniversitesi, April, 2018
Doctorate, Doctorate, Ankara Üniversitesi, December, 2017
Doctorate, Doctorate, Ankara Üniversitesi, March, 2012
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Ankara Üniversitesi, February, 2012
Doctorate, Doctorate, Gazi Üniversitesi, March, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Discovery of Novel EGFR Inhibitor Targeting Wild-Type and Mutant Forms of EGFR: In Silico and In Vitro Study**
Todsaporn D., Zubenko A., Kartsev V., Aiebchun T., Mahalapbutr P., Petrou A., Geronikaki A., Divaeva L., Chekrisheva V., Yıldız İ., et al.
MOLECULES, vol.28, pp.1-20, 2023 (SCI-Expanded)
- II. **In silico investigation of the interactions of certain drugs proposed for the treatment of Covid-19 with the paraoxonase-1**
Duzgun Z., Kural B. V., Örem A., Yıldız İ.
Journal of Biomolecular Structure and Dynamics, vol.41, no.3, pp.884-896, 2023 (SCI-Expanded)
- III. **Antitumor activity against human promyelocytic leukemia and in silico studies of some benzoxazines**
ÖKSÜZOĞLU E., YILMAZ S., YENİCE ÇAKMAK G., Ateci S., YILDIZ İ.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.17, pp.8175-8190, 2023 (SCI-Expanded)
- IV. **Design, synthesis, and computational studies of benzimidazole derivatives as new antitubercular agents**
Yalcin-Ozkat G., Ersan R. H., ÜLGER M., TEZCAN ÜLGER S., BURMAOĞLU S., YILDIZ İ., ALGÜL Ö.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.7, pp.2667-2686, 2023 (SCI-Expanded)
- V. **Biological activity and ADME/Tox prediction of some 2-substituted benzoxazole derivatives**
Foto F. Z., FOTO E., ERTAN BOLELLİ T., YILDIZ İ.
BIOORGANIC CHEMISTRY, vol.123, 2022 (SCI-Expanded)
- VI. **QSAR based on hybrid optimal descriptors as a tool to predict antibacterial activity against Staphylococcus aureus**
Nesmerak K., Toropov A., YILDIZ İ.
FRONTIERS IN BIOSCIENCE-LANDMARK, vol.27, no.4, 2022 (SCI-Expanded)
- VII. **In Silico Studies to Develop New GSK3 beta Inhibitors Effective in the 's Disease**
Ozkat G. Y., YILDIZ İ.

- LETTERS IN DRUG DESIGN & DISCOVERY, vol.19, no.8, pp.691-705, 2022 (SCI-Expanded)
- VIII. **Quantum Mechanical Studies of Three Aromatic Halogen-Substituted Bioactive Sulfonamidobenzoxazole Compounds with Potential Light Harvesting Properties**
Mary Y. S., ERTAN BOLELLİ T., Thomas R., Krishnan A. R., BOLELLİ K., Kasap E. N., Onkol T., YILDIZ İ.
POLYCYCLIC AROMATIC COMPOUNDS, vol.41, no.7, pp.1563-1579, 2021 (SCI-Expanded)
- IX. **Discovery of 5-(or 6)-benzoxazoles and oxazolo[4,5-b]pyridines as novel candidate antitumor agents targeting hTopo II alpha**
Karatas E., FOTO E., ERTAN BOLELLİ T., Yalcin-Ozkat G., YILMAZ S., Ataei S., Zilifdar F., YILDIZ İ.
BIOORGANIC CHEMISTRY, vol.112, 2021 (SCI-Expanded)
- X. **Benzoxazines as new human topoisomerase I inhibitors and potential poisons**
FOTO E., Ozen C., Zilifdar F., Tekiner-Gulbas B., YILDIZ İ., Aki-Yalcin E., DİRİL N., Yalcin I.
DARU-JOURNAL OF PHARMACEUTICAL SCIENCES, vol.28, no.1, pp.65-73, 2020 (SCI-Expanded)
- XI. **Spectroscopic, quantum mechanical studies, ligand protein interactions and photovoltaic efficiency modeling of some bioactive benzothiazolinone acetamide analogs**
Mary Y. S., YALÇIN ÖZKAT G., Mary Y. S., Resmi K. S., Thomas R., Onkol T., Kasap E. N., YILDIZ İ.
CHEMICAL PAPERS, vol.74, no.6, pp.1957-1964, 2020 (SCI-Expanded)
- XII. **Synthesis and molecular docking studies of some novel antimicrobial benzamides**
Acar C., YALÇIN ÖZKAT G., ERTAN BOLELLİ T., KAYNAK ONURDAĞ F., ÖKTEN S., Sener F., YILDIZ İ.
BIOORGANIC CHEMISTRY, vol.94, 2020 (SCI-Expanded)
- XIII. **HPLC-MS analysis of ipecacuanha alkaloids in pharmaceutical relics from eighteenth century**
Nesmerak K., Kudlacek K., Sticha M., Cerveny V., Kunesova J., YILDIZ İ.
MONATSHFESTE FÜR CHEMIE, vol.149, no.9, pp.1535-1542, 2018 (SCI-Expanded)
- XIV. **Pharmacophore generation studies for the discovery of potential glycogen synthase kinase 3 beta enzyme inhibitors**
YALÇIN ÖZKAT G., YILDIZ İ.
FEBS OPEN BIO, vol.8, pp.447, 2018 (SCI-Expanded)
- XV. **Molecular docking studies on fluoro-substituted chalcones as potential DprE1 enzyme inhibitors**
YALÇIN ÖZKAT G., BURMAOĞLU S., YILDIZ İ., ALGÜL Ö.
JOURNAL OF MOLECULAR STRUCTURE, vol.1164, pp.50-56, 2018 (SCI-Expanded)
- XVI. **Design and synthesis of 2-substituted-5-(4-trifluoromethylphenyl-sulphonamido)benzoxazole derivatives as human GST P1-1 inhibitors**
ERTAN BOLELLİ T., BOLELLİ K., MUŞDAL Y., YILDIZ İ., Aki-Yalcin E., Mannervik B., Yalcin I.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, no.3, pp.510-517, 2018 (SCI-Expanded)
- XVII. **Inhibition of DNA Topoisomerases by a Series of Benzoxazoles and their Possible Metabolites**
Zilifdar F., Foto E., ERTAN BOLELLİ T., YILDIZ İ., Aki-Yalcin E., DİRİL N.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.11, pp.1155-1162, 2018 (SCI-Expanded)
- XVIII. **QSAR of antimycobacterial activity of benzoxazoles by optimal SMILES-based descriptors**
Nesmerak K., Toropov A. A., Toropova A. P., ERTAN BOLELLİ T., YILDIZ İ.
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.12, pp.3203-3208, 2017 (SCI-Expanded)
- XIX. **Modification of benzoxazole derivative by bromine-spectroscopic, antibacterial and reactivity study using experimental and theoretical procedures**
Aswathy V. V., Alper-Hayta S., YALÇIN ÖZKAT G., Mary Y. S., Panicker C. Y., Jojo P. J., KAYNAK ONURDAĞ F., Armakovic S., Armakovic S. J., YILDIZ İ., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1141, pp.495-511, 2017 (SCI-Expanded)
- XX. **Vibrational spectroscopic analysis, molecular dynamics simulations and molecular docking study of 5-nitro-2-phenoxyethyl benzimidazole**
Menon V. V., Foto E., Mary Y. S., Karatas E., Panicker C. Y., YALÇIN ÖZKAT G., Armakovic S., Armakovic S. J., Van Alsenoy C., YILDIZ İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1129, pp.86-97, 2017 (SCI-Expanded)
- XXI. **Antitumor activities on HL-60 human leukemia cell line, molecular docking, and quantum-chemical calculations of some sulfonamide-benzoxazoles**

- ÖKSÜZOĞLU E., ERTAN BOLELLİ T., CAN H., Tarhan M., ÖZTÜRK K., YILDIZ İ.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.7, pp.1388-1396, 2017 (SCI-Expanded)
- XXII. **Synthesis, molecular docking and antimicrobial evaluation of novel benzoxazole derivatives**
ERTAN BOLELLİ T., YILDIZ İ., Ozgen-Ozgacar S.
MEDICINAL CHEMISTRY RESEARCH, vol.25, no.4, pp.553-567, 2016 (SCI-Expanded)
- XXIII. **Prediction of retention characteristics of heterocyclic compounds**
Nesmerak K., Toropov A. A., Toropova A. P., YILDIZ İ., Yalcin I., Brozikova M., Klimesova V., Waisser K.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.407, no.30, pp.9185-9189, 2015 (SCI-Expanded)
- XXIV. **Generated 3D-Common Feature Hypotheses Using the HipHop Method For Developing New Topoisomerase I Inhibitors**
Ataei S., Yilmaz S., ERTAN BOLELLİ T., YILDIZ İ.
ARCHIV DER PHARMAZIE, vol.348, no.7, pp.498-507, 2015 (SCI-Expanded)
- XXV. **Synthesis and Biological Evaluation of 2-Substituted-5-(4-nitrophenylsulfonamido) benzoxazoles as Human GST P11 Inhibitors, and Description of the Binding Site Features**
ERTAN BOLELLİ T., MUŞDAL Y., BOLELLİ K., Yilmaz S., Aksoy Y., YILDIZ İ., Aki-Yalcin E., Yalcin I.
CHEMMEDCHEM, vol.9, no.5, pp.984-992, 2014 (SCI-Expanded)
- XXVI. **Quantum mechanical and spectroscopic (FT-IR, FT-Raman, H-1 NMR and UV) investigations of 2-(phenoxyethyl)benzimidazole**
Mary Y. S., Jojo P. J., Panicker C. Y., Van Alsenoy C., Ataei S., YILDIZ İ.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.125, pp.12-24, 2014 (SCI-Expanded)
- XXVII. **Quantum mechanical and spectroscopic (FT-IR, FT-Raman, H-1 NMR and UV) investigations of 5-nitro-2-phenylbenzoxazole**
Bhagyasree J. B., Varghese H. T., Panicker C. Y., Samuel J., Van Alsenoy C., ERTAN BOLELLİ T., YILDIZ İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1063, pp.16-29, 2014 (SCI-Expanded)
- XXVIII. **Theoretical investigations on the molecular structure, vibrational spectra, HOMO-LUMO and NBO analysis of 5-chloro-2-((4-chlorophenoxy)methyl)benzimidazole**
Mary Y. S., Jojo P. J., Panicker C. Y., Van Alsenoy C., Ataei S., YILDIZ İ.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.122, pp.499-511, 2014 (SCI-Expanded)
- XXIX. **Evaluation of inhibitory effects of benzothiazole and 3-aminobenzothiazolium derivatives on DNA topoisomerase II by molecular modeling studies**
Aki-Yalcin E., ERTAN BOLELLİ T., Taskin-Tok T., Ozturk O., Ataei S., Ozen C., YILDIZ İ., Yalcin I.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.25, no.8, pp.637-649, 2014 (SCI-Expanded)
- XXX. **Pharmacophore generation of 2-substituted benzothiazoles as AdeABC efflux pump inhibitors in A. baumannii**
Yilmaz S., Altinkanat-Gelmez G., BOLELLİ K., Guneser-Merdan D., Over-Hasdemir M. U., YILDIZ İ., Aki-Yalcin E., Yalcin I.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.25, no.7, pp.551-563, 2014 (SCI-Expanded)
- XXXI. **Genotoxic potentials and eukaryotic DNA topoisomerase I inhibitory effects of some benzoxazine derivatives**
Zilifdar F., Alper-Hayta S., Yilmaz S., Kaplan-Ozen C., Foto E., Aydogan Z., YILDIZ İ., Aki E., Yalcin I., DİRİL N.
MEDICINAL CHEMISTRY RESEARCH, vol.23, no.1, pp.480-486, 2014 (SCI-Expanded)
- XXXII. **Benzothiazole derivatives as human DNA topoisomerase II alpha inhibitors**
Kaplan-Ozen C., Tekiner-Gulbas B., Foto E., YILDIZ İ., DİRİL N., Aki E., Yalcin I.
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.12, pp.5798-5808, 2013 (SCI-Expanded)
- XXXIII. **Quantum mechanical and spectroscopic (FT-IR, FT-Raman, H-1 NMR and UV) investigations of 2-(p-nitrobenzyl) benzoxazole**
Bhagyasree J. B., Varghese H. T., Panicker C. Y., Samuel J., Van Alsenoy C., Yilmaz S., YILDIZ İ., Aki E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1046, pp.92-100, 2013 (SCI-Expanded)
- XXXIV. **Synthesis and In vitro Antimicrobial Activity of Novel 2-(4-(Substituted-**

carboxamido)benzyl/phenyl)benzothiazoles

Yilmaz S., Yalcin I., Kaynak-Onurdag F., Ozgen S., YILDIZ İ., Aki E.

CROATICA CHEMICA ACTA, vol.86, no.2, pp.223-231, 2013 (SCI-Expanded)

- XXXV. **The determination of toxicities of sulphonylurea and phenylurea herbicides with quantitative structure-toxicity relationship (QSTR) studies**
Can A., YILDIZ İ., Guvendik G.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.35, no.3, pp.369-379, 2013 (SCI-Expanded)
- XXXVI. **Vibrational spectroscopic (FT-IR, FT-Raman, H-1 NMR and UV) investigations and computational study of 5-nitro-2-(4-nitrobenzyl) benzoxazole**
Bhagyasree J. B., Varghese H. T., Panicker C. Y., Samuel J., Van Alsenoy C., BOLELLI K., YILDIZ İ., Aki E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.102, pp.99-113, 2013 (SCI-Expanded)
- XXXVII. **Synthesis of novel 2-[4-(4-substitutedbenzamido/phenylacetamido)phenyl]benzothiazoles as antimicrobial agents**
BOLELLI K., Yalcin I., ERTAN BOLELLI T., Ozgen S., Kaynak-Onurdag F., YILDIZ İ., Aki E.
MEDICINAL CHEMISTRY RESEARCH, vol.21, no.11, pp.3818-3825, 2012 (SCI-Expanded)
- XXXVIII. **FT-IR, FT-Raman, SERS and computational study of 5-ethylsulphonyl-2-(o-chlorobenzyl)benzoxazole**
Mary Y. S., Raju K., YILDIZ İ., ARPACI Ö., Nogueira H. I. S., Granadeiro C. M., Van Alsenoy C.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.96, pp.617-625, 2012 (SCI-Expanded)
- XXXIX. **FT-IR, FT-Raman, surface enhanced Raman scattering and computational study of 2-(p-fluorobenzyl)-6-nitrobenzoxazole**
Mary Y. S., Raju K., ERTAN BOLELLI T., YILDIZ İ., Nogueira H. I. S., Granadeiro C. M., Van Alsenoy C.
JOURNAL OF MOLECULAR STRUCTURE, vol.1012, pp.22-30, 2012 (SCI-Expanded)
- XL. **Insight into eukaryotic topoisomerase II-inhibiting fused heterocyclic compounds in human cancer cell lines by molecular docking**
Taskin T., Yilmaz S., YILDIZ İ., Yalcin I., Aki E.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.23, no.3-4, pp.345-355, 2012 (SCI-Expanded)
- XLI. **Vibrational spectroscopic studies and computational study of 4-fluoro-N-(2'-hydroxy-4'-nitrophenyl)phenylacetamide**
Mary Y. S., Panicker C. Y., Varghese H. T., Raju K., ERTAN BOLELLI T., YILDIZ İ., Granadeiro C. M., Nogueira H. I. S.
JOURNAL OF MOLECULAR STRUCTURE, vol.994, no.1-3, pp.223-231, 2011 (SCI-Expanded)
- XLII. **FT-IR, FT-Raman, SERS spectra and computational calculations of 4-ethyl-N-(2'-hydroxy-5'-nitrophenyl)benzamide**
Panicker C. Y., Varghese H. T., Ushakumari L., Ertan T., YILDIZ İ., Granadeiro C. M., Nogueira H. I. S., Mary Y. S.
JOURNAL OF RAMAN SPECTROSCOPY, vol.41, no.4, pp.381-390, 2010 (SCI-Expanded)
- XLIII. **Three-dimensional common-feature hypotheses for hypoglycemic flavonyl-2,4-thiazolidinedione derivatives**
YILDIZ İ., BOZDAĞ DÜNDAR O.
MEDICINAL CHEMISTRY RESEARCH, vol.19, no.3, pp.211-219, 2010 (SCI-Expanded)
- XLIV. **ANTIMICROBIAL ACTIVITY AND STRUCTURE-ACTIVITY RELATIONSHIPS OF SOME SYNTHESIZED BENZAZOLES AND THEIR POSSIBLE METABOLITES**
Yalcin I., Aki E., YILDIZ İ., Temiz-Arpaci Ö.
MEDICINAL CHEMISTRY RESEARCH, vol.19, 2010 (SCI-Expanded)
- XLV. **DNA-TOPOISOMERASE INHIBITORY ACTIVITY OF SOME HETEROCYCLIC COMPOUNDS AND THEIR STRUCTURE-ACTIVITY RELATIONSHIPS**
Aki E., Yalcin I., YILDIZ İ., Temiz-Arpaci Ö., BOLELLI K., ERTAN BOLELLI T.
MEDICINAL CHEMISTRY RESEARCH, vol.19, 2010 (SCI-Expanded)
- XLVI. **IR, Raman and SERS spectra of 2-phenoxyethylbenzothiazole**
Panicker C. Y., Varghese H. T., Raj A., Raju K., ERTAN BOLELLI T., YILDIZ İ., ARPACI Ö., Granadeiro C. M., Nogueira H. I. S.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.74, no.1, pp.132-139, 2009 (SCI-Expanded)

XLVII. Synthesis, biological evaluation and 2D-QSAR analysis of benzoxazoles as antimicrobial agents

Ertan T., YILDIZ İ., Tekiner-Gulbas B., BOLELLİ K., ARPACI Ö., Ozkan S., Kaynak F., Yalcin I., Aki E.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.2, pp.501-510, 2009 (SCI-Expanded)

XLVIII. Vibrational spectroscopic studies and DFT calculations of 4-fluoro-N-(2-hydroxy-4-nitrophenyl)benzamide

Ushakumari L., Varghese H. T., Panicker C. Y., Ertan T., Yidiz İ.
Journal of Raman Spectroscopy, vol.39, no.12, pp.1832-1839, 2008 (SCI-Expanded)

XLIX. Synthesis, antimicrobial activity, pharmacophore analysis of some new 2-(substitutedphenyl/benzyl)-5-[(2-benzofuryl)carboxamido]benzoxazoles

Alper-Hayta S., Arisoy M., ARPACI Ö., YILDIZ İ., Aki E., Ozkan S., Kaynak F.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.43, no.11, pp.2568-2578, 2008 (SCI-Expanded)

L. Vibrational spectroscopic studies and ab initio calculations of 5-nitro-2-(p-fluorophenyl)benzoxazole

Mary Y. S., Varghese H. T., Panicker C. Y., Ertan T., YILDIZ İ., ARPACI Ö.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.71, no.2, pp.566-571, 2008 (SCI-Expanded)

LI. Synthesis and biological activity of some new benzoxazoles

ARPACI Ö., YILDIZ İ., Oezkan S., Kaynak F., Aki-Sener E., Yalcin I.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.43, no.7, pp.1423-1431, 2008 (SCI-Expanded)

LII. Quantum chemical calculations of warfarin sodium, warfarin and its metabolites

Tekin E. D. (., Erkoc F., YILDIZ İ., Erkoc S.
COMMUNICATIONS IN COMPUTATIONAL PHYSICS, vol.4, no.1, pp.161-176, 2008 (SCI-Expanded)

LIII. Vibrational spectroscopic studies and ab initio calculations of 5-methyl-2-(p-methylaminophenyl)benzoxazole

Ambujakshan K. R., Madhavan V. S., Varghese H. T., Panicker C. Y., ARPACI Ö., Tekiner-Gulbas B., YILDIZ İ.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.69, no.3, pp.782-788, 2008 (SCI-Expanded)

LIV. Some benzoxazoles and benzimidazoles as DNA topoisomerase I and II inhibitors

Oksuzoglu E., Tekiner-Gulbas B., Alper S., ARPACI Ö., Ertan T., YILDIZ İ., DİRİL N., Sener-Aki E., Yalcin I.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.23, no.1, pp.37-42, 2008 (SCI-Expanded)

LV. QSAR and pharmacophore analysis on amides against drug-resistant S. aureus

YILDIZ İ., Ertan T., BOLELLİ K., ARPACI Ö., Yalcin I., Aki E.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.19, no.1-2, pp.101-113, 2008 (SCI-Expanded)

LVI. Synthesis, antimicrobial activity and QSAR studies of 2,5-disubstituted benzoxazoles

Arisoy M., ARPACI Ö., YILDIZ İ., Kaynak-Onurdag F., Aki E., Yalcin I., Abbasoglu U.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.19, no.5-6, pp.589-612, 2008 (SCI-Expanded)

LVII. Synthesis and in vitro antimicrobial activity of new 2-[p-substituted-benzyl]-5-[substituted-carbonylamino]benzoxazoles

Tekiner-Gulbas B., ARPACI Ö., YILDIZ İ., Altanlar N.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.42, no.10, pp.1293-1299, 2007 (SCI-Expanded)

LVIII. Synthesis and antimicrobial activity of some novel N-[2-substitutedbenzoxazol-5-yl]-2-[4-substituted- piperazin-1-yl]acetamides

Arisoy M., Temiz-Arpaci Ö., Kaynak-Onurdag F., YILDIZ İ., Aki-Sener E., Yalcin I., Abbasoglu U.
DRUGS OF THE FUTURE, vol.32, pp.127-128, 2007 (SCI-Expanded)

LIX. Vibrational spectroscopic studies and ab initio calculations of 5-methyl-2-(p-fluorophenyl)benzoxazole

Anto P. L., Panicker C. Y., Varghese H. T., Philip D., ARPACI Ö., Tekiner-Gulbas B., YILDIZ İ.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.67, no.3-4, pp.744-749, 2007 (SCI-Expanded)

- LX. **Molecular modelling studies on some eukaryotic topoisomerase II enzyme inhibitor fused heterocyclic compounds**
YILDIZ İ., Alper S., Ertan T., Temiz-Arpaci Ö., Tekiner-Gulbas B., Aki-Sener E., Yalci I.
DRUGS OF THE FUTURE, vol.32, pp.15-16, 2007 (SCI-Expanded)
- LXI. **Synthesis and biological evaluation of new N-(2-hydroxy-4(or 5)-nitro/aminophenyl)benzamides and phenylacetamides as antimicrobial agents**
Ertan T., YILDIZ İ., Ozkan S., ARPACI Ö., Kaynak F., Yalcin I., Aki-Sener E., Abbasoglu U.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.15, no.5, pp.2032-2044, 2007 (SCI-Expanded)
- LXII. **QSAR of genotoxic active benzazoles**
Tekiner-Gulbas B., ARPACI Ö., Oksuzoglu E., Eroglu H., YILDIZ İ., Diril N., Aki-Sener E., Yalcin I.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.18, no.3-4, pp.251-263, 2007 (SCI-Expanded)
- LXIII. **A study on the genotoxic activities of some new benzoxazoles**
Oksuzoglu E., ARPACI Ö., Tekiner-Gulbas B., Eroglu H., Sen G., Alper S., YILDIZ İ., DİRİL N., Aki-Sener E., Yalcin I.
MEDICINAL CHEMISTRY RESEARCH, vol.16, no.1, pp.1-14, 2007 (SCI-Expanded)
- LXIV. **Synthesis, antimicrobial activity and QSARs of new benzoxazine-3-ones**
Alper-Hayta S., Aki-Sener E., Tekiner-Gulbas B., YILDIZ İ., ARPACI Ö., Yalcin I., Altanlar N.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.41, no.12, pp.1398-1404, 2006 (SCI-Expanded)
- LXV. **3D-QSAR study on heterocyclic topoisomerase II inhibitors using CoMSIA**
Tekiner-Gulbas B., ARPACI Ö., YILDIZ İ., Aki-Sener E., Yalcin I.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.17, no.2, pp.121-132, 2006 (SCI-Expanded)
- LXVI. **A study on the antioxidant activities of some new benzazole derivatives**
ARPACI Ö., Coban T., Tekiner-Gulbas B., Can-Eke B., YILDIZ İ., Aki-Sener E., Yalcin I., Iscan M.
ACTA BIOLOGICA HUNGARICA, vol.57, no.2, pp.201-209, 2006 (SCI-Expanded)
- LXVII. **3D-QSAR analysis on benzazole derivatives as eukaryotic topoisomerase II inhibitors by using comparative molecular field analysis method**
ARPACI Ö., Tekiner-Gulbas B., YILDIZ İ., Aki-Sener E., Yalcin I.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.13, no.23, pp.6354-6359, 2005 (SCI-Expanded)
- LXVIII. **Investigating toxic effects of the HIV-RT inhibitor 2-phenoxyethyl-5-chloro-benzimidazole on rat liver**
Uğur Y., Akbay Yarpuzlu A., Nazikoğlu A., Aşan E., YILDIZ İ., KELEŞ Ş.
Turkish Journal of Medical Sciences, vol.35, no.1, pp.5-12, 2005 (SCI-Expanded)
- LXIX. **Synthesis and antimicrobial activity of some 5-[2-(morpholin-4-yl)acetamido] and/or 5-[2-(4-substituted piperazin-1-yl)acetamido]2-(p-substituted phenyl)benzoxazoles**
Temiz-Arpaci O., Ozdemir A., Yalcin I., YILDIZ İ., Aki-Sener E., Altanlar N.
ARCHIV DER PHARMAZIE, vol.338, no.2-3, pp.105-111, 2005 (SCI-Expanded)
- LXX. **3D-QSAR LEAD OPTIMIZATION ANALYSIS OF SOME NOVEL EUKARYOTIC TOPOISOMERASE II INHIBITORS**
Yalcin I., Aki-Sener E., YILDIZ İ.
ANTICANCER RESEARCH, vol.24, no.5D, pp.3673, 2004 (SCI-Expanded)
- LXXI. **Synthesis and antimicrobial activity of new 2-[p-substituted-benzyl]-5-[substituted-carbonyl-amino]benzoxazoles**
Yildiz-Oren İ., Tekiner-Gulbas B., Yalcin I., ARPACI Ö., Aki-Sener E., Altanlar N.
ARCHIV DER PHARMAZIE, vol.337, no.7, pp.402-410, 2004 (SCI-Expanded)
- LXXII. **Quantitative structure-activity relationships using comparative molecular field analysis studies on 2-(p-substituted benzyl)-5-(substituted carbonylamino)benzoxazoles as antibacterial agents against Staphylococcus aureus**
Yildiz-Oren İ., Tekiner-Gulbas B., ARPACI Ö., Yalcin I., Aki-Sener E.
ASIAN JOURNAL OF CHEMISTRY, vol.16, no.3-4, pp.1359-1366, 2004 (SCI-Expanded)
- LXXIII. **A target site for template-based design of measles virus entry inhibitors**
Plempner R., Erlandson K., Lakdawala A., Sun A., Prussia A., Boonsombat J., Aki-Sener E., Yalcin I., YILDIZ İ., ARPACI Ö., et al.

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.101, no.15, pp.5628-5633, 2004 (SCI-Expanded)

- LXXXIV. **Some fused heterocyclic compounds as eukaryotic topoisomerase II inhibitors**
Pinar A., Yurdakul P., YILDIZ İ., ARPACI Ö., Acan N., Aki-Sener E., Yalcin I.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.317, no.2, pp.670-674, 2004 (SCI-Expanded)
- LXXXV. **Quantitative Structure-activity relationships using Comparative Molecular Field Analysis Studies on 2-(p-Substitutedbenzyl)-5-(substituted carbonylamino)benzoxazoles as Antibacterial Agents against Staphylococcus aureus**
Yildiz İ., Tekiner Gülbaş P. B., Arpacı Ö., Yalçın İ., Aki-Şener E.
Asian Journal Of Chemistry, vol.16, pp.1359-1366, 2004 (SCI-Expanded)
- LXXXVI. **Synthesis and structure-activity relationships of new antimicrobial active multisubstituted benzazole derivatives**
Yildiz-Oren İ., Yalcin I., Aki-Sener E., Ucarturk N.
European Journal of Medicinal Chemistry, vol.39, no.3, pp.291-298, 2004 (SCI-Expanded)
- LXXXVII. **Synthesis and microbiological activity of some substituted N-(2-hydroxy-4-nitrophenyl) benzamides and phenylacetamides as possible metabolites of antimicrobial active benzoxazoles**
Oren İ., Aki-Sener E., Ertas C., Arpacı O., Yalcin I., Altanlar N.
TURKISH JOURNAL OF CHEMISTRY, vol.28, no.4, pp.441-449, 2004 (SCI-Expanded)
- LXXXVIII. **Synthesis and antimicrobial activity of some novel 2,6,7-trisubstituted-2H-3,4-dihydro-1,4-benzoxazin-3-one derivatives**
Yalcin I., Tekiner B., Oren İ., Arpacı O., Aki-Sener E., Altanlar N.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, vol.42, no.4, pp.905-909, 2003 (SCI-Expanded)
- LXXXIX. **Synthesis and HIV-1 reverse transcriptase inhibitor activity of some 2,5,6-substituted benzoxazole, benzimidazole, benzothiazole and oxazolo (4,5-b)pyridine derivatives**
Akbay A., Oren İ., ARPACI Ö., Aki-Sener E., Yalcin I.
Arzneimittel-Forschung/Drug Research, vol.53, no.4, pp.266-271, 2003 (SCI-Expanded)
- LXXX. **The NH---FC dipole orientation effect for pendant exocyclic CH₂F**
Lankin D., Grunewald G., Romero F., Oren İ., Snyder J.
ORGANIC LETTERS, vol.4, no.21, pp.3557-3560, 2002 (SCI-Expanded)
- LXXXI. **Synthesis and antimicrobial activity of some novel 2-(p-substituted-phenyl)-5-substituted-carbonylaminobenzoxazoles**
Arpacı O., Oren İ., Altanlar N.
FARMACO, vol.57, no.3, pp.175-181, 2002 (SCI-Expanded)
- LXXXII. **Synthesis and microbiological activity of some N-(o-hydroxyphenyl)benzamides and phenylacetamides as the possible metabolites of antimicrobial active benzoxazoles: Part II**
Sener E., Bingol K., Oren İ., Arpacı O., Yalcin I., Altanlar N.
FARMACO, vol.55, no.6-7, pp.469-476, 2000 (SCI-Expanded)
- LXXXIII. **QSARs of some novel isosteric heterocyclics with antifungal activity**
Yalcin I., Oren İ., Temiz O., Sener E.
Acta Biochimica Polonica, vol.47, no.2, pp.481-486, 2000 (SCI-Expanded)
- LXXXIV. **Synthesis and antimicrobial activity of some novel 2,5- and/or 6-substituted benzoxazole and benzimidazole derivatives**
Oren İ., Temiz O., Yalcin I., Sener E., Altanlar N.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.7, no.2, pp.153-160, 1999 (SCI-Expanded)
- LXXXV. **Synthesis and microbiological activity of some novel 5- or 6-methyl-2-(2,4-disubstituted phenyl)benzoxazole derivatives**
Temiz O., Oren İ., Sener E., Yalcin I., Ucarturk N.
FARMACO, vol.53, no.5, pp.337-341, 1998 (SCI-Expanded)
- LXXXVI. **N-(2-hydroxy-5-chlorophenyl)thiophenylacetamide**
Tarimci C., Ercan F., Kocoglu M., Oren İ.

ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.54, pp.488-489, 1998 (SCI-Expanded)

- LXXXVII. **Synthesis and microbiological activity of some novel N-(2-hydroxyl-5-substitutedphenyl)benzacetamides, phenoxyacetamides and thiophenoxyacetamides as the possible metabolites of antimicrobial active benzoxazoles**
Yalcin I, Kaymakcioglu B, Oren İ, Sener E, Temiz O, Akin A, Altanlar N.
Farmaco, vol.52, no.11, pp.685-689, 1997 (SCI-Expanded)
- LXXXVIII. **Synthesis and microbiological activity of 5(or 6)-methyl-2-substituted benzoxazole and benzimidazole derivatives**
Oren İ, Temiz O, Yalcin I, Sener E, Akin A, Ucarturk N.
Arzneimittel-Forschung/Drug Research, vol.47, no.12, pp.1393-1397, 1997 (SCI-Expanded)
- LXXXIX. **Synthesis and structure-activity relationships of some 2,5- disubstituted benzoxazoles and benzimidazoles as antimicrobial agents**
Sener E, Yalcin I, Temiz O, Oren İ, Akin A, Ucarturk N.
Farmaco, vol.52, no.2, pp.99-103, 1997 (SCI-Expanded)
- XC. **Structure-activity relationships of some antimicrobial 5-substituted 2-(3-pyridyl) benzoxazoles using quantum-chemical calculations**
SENER E., TURGUT H., YALCIN I., OREN İ., TURKER L., CELEBI N., AKIN A.
International Journal of Pharmaceutics, vol.110, no.2, pp.109-115, 1994 (SCI-Expanded)
- XCI. **The synthesis and the structure-activity relationships of some substituted benzoxazoles, oxazolo(4,5-b)pyridines, benzothiazoles and benzimidazoles as antimicrobial agents**
Yalçın İ., Ören İ., Şener E., Akin A., Uçartürk N.
European Journal of Medicinal Chemistry, vol.27, no.4, pp.401-406, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **Artificial intelligence on drug discovery and development İlaç keşfi ve geliştirilmesinde yapay zekâ**
Çelik İ. N., Arslan F. K., Tunç R., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.45, no.2, pp.400-427, 2021 (Scopus)
- II. **Molecular docking studies on some benzamide derivatives as topoisomerase inhibitors**
Topoizomeraz inhibitörleri olarak bazı benzamid türevleri üzerinde moleküler doking çalışmaları
Yılmaz S., Ataei S., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, no.3, pp.470-480, 2020 (Scopus)
- III. **Topoisomerase II enzyme inhibitors TOPOIZOMERAZ II ENZİM İNHİBİTÖRLERİ**
Firat O., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, no.2, pp.356-372, 2020 (Scopus)
- IV. **Comparison of partition coefficient (log P) prediction softwares Partisyon katsayisi (Log P) Tahmininde Kullanılan Yazılımların karşılaştırılması**
KIŞLA M. M., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.43, no.1, pp.1-19, 2019 (Scopus)
- V. **Molecular binding profile of protoberberine alkaloids on glycogen synthase kinase 3β as a drug candidate for alzheimer's diseases Alzheimer hastalığında ilaç adayı olarak protoberberin alkoitlerinin glikojen sentaz kinaz 3β ile moleküler bağlanma profilleri**
Yalcin G., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.42, no.3, pp.1-12, 2018 (Scopus)
- VI. **GENOTOXIC PROPERTIES OF SOME N-PHENYLBENZAMIDE AND N-PHENYLACETAMIDE DERIVATIVES**
ZİLİFDAR F., FOTO E., ERTAN BOLELLİ T., AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ.
The Turkish Journal Of Occupational / Environmental Medicine and Safety, vol.2, no.1(1), pp.305, 2017 (Peer-Reviewed Journal)
- VII. **Docking Studies on Enoyl Acyl Carrier Protein ACP Reductase Enzyme Inhibitors**

- Şenel U., ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.40, no.1, pp.25-35, 2016 (Scopus)
- VIII. **Molecular modeling studies on DNA topoisomerase I inhibitors**
YILDIZ İ., Ataei S., Karataş E., Foto E., DİRİL N.
Journal of Pharmaceutics & Drug Delivery Research, vol.5, no.05, pp.47, 2016 (Peer-Reviewed Journal)
- IX. **Docking studies on enoyl-acyl carrier protein (acp) reductase enzyme inhibitors Enoil-açıl taşıyıcı protein (acp) redüktaz enzim inhibitörleri üzerinde yapılan doking çalışmaları**
Şenel U., ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.40, no.1, pp.25-35, 2016 (Scopus)
- X. **DFT Study of 3 2 4 chloro phenyl 2 oxo ethyl 5 2 4 dichloro thiazole 5 yl methylenyl thiazolidine 2 4 dione as antifungal agent**
YILDIZ İ., DÜNDAR O.
International Journal of Scientific & Engineering Research, 2016 (Peer-Reviewed Journal)
- XI. **Enoil-açıl taşıyıcı protein (ACP) redüktaz enzim inhibitörleri üzerinde yapılan doking çalışmaları**
Şenel U., ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.40, no.1, pp.25-35, 2016 (Scopus)
- XII. **High performance liquid chromatographic method for determination of azithromycin in Lyophilized form**
Karban Ö., YILDIZ İ., Ataei S., Karabulut M., DİNÇ E., Tahiyev R., Özbek M., Erkan E.
Journal of ANALYTICAL AND BIOANALYTICAL Techniques, vol.3, no.7, pp.93, 2012 (Peer-Reviewed Journal)
- XIII. **DFT calculations of some antimicrobial active 3,4-dihydro-1,4-benzoxazin-3-one derivatives**
YILDIZ İ., Tekiner-Gülbaş B. P.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.32, no.3, pp.165-173, 2003 (Scopus)
- XIV. **QSAR s of some novel benzoxazole benzimidazole and oxazolo 4 5 b pyridine derivatives against C albicans**
ÖREN İ., ARPACI Ö., YALÇIN İ., AKI YALÇIN E. E.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.31, no.1, pp.21-32, 2002 (Peer-Reviewed Journal)
- XV. **QSAR s of some antibacterial active benzoxazoles against B subtilis**
ARPACI Ö., YILDIZ İ., AKI YALÇIN E. E., YALÇIN İ., TEKİNER GÜLBAŞ P. B.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.31, no.2, pp.73-82, 2002 (Peer-Reviewed Journal)
- XVI. **Oral Cerrahi Girişimlerde İntaranazal Midazolam Uygulanması**
Mocan A., Filiz K., TUĞCU E. F., YILDIZ İ.
Ankara Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.27, no.3, pp.291-296, 2000 (Peer-Reviewed Journal)
- XVII. **QSAR of some antifungal active benzoxazoles and benzimidazoles against C. albicans**
YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.27, no.1, pp.1-9, 1998 (Scopus)
- XVIII. **Synthesis Antibacterial Activity and QSAR s of some 5 Substituted 2 p Substitutedbenzyl benzoxazoles using the Free Wilson Analysis**
AKI YALÇIN E. E., ARPACI Ö., ÖREN İ., YALÇIN İ., Akin A., Uçartürk N.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.24, no.1, pp.10-20, 1995 (Scopus)
- XIX. **QSAR of Some Antibacterial Active Isosteric Heterocyclic Compounds against an Enterobacter**
YALÇIN İ., AKI YALÇIN E. E., YILDIZ İ.
Trends in QSAR and Molecular Modelling 92, pp.570-572, 1993 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Cumhuriyetin 100. Yılında Eczacılıkta Yenilikler 4**
Bozkır A. (Editor), Yıldız İ. (Editor)
Ankara Üniversitesi, Ankara, 2023
- II. **Alzheimer Tedavisi İçin Yeni Kolinesteraz İnhibitörler**

Yardımcı E., Yıldız İ.

in: Cumhuriyetin 100. Yılında Eczacılıkta Yenilikler 4, Asuman Bozkır, İlkyıldız, Editor, Ankara Üniversitesi, Ankara, pp.205-222, 2023

- III. **İlaç tasarımı: hedefe erişimi optimize etmek - Bölüm 14**
Yalçın Özkat G., Yıldız İ.
in: Medisinal Kimya Giriş, Algül Öztekin, Editor, Ankara Nobel Tıp Kitabevleri, Ankara, pp.256-283, 2021
- IV. **Kolinerjik İlaçlar (Bölüm 33)**
YILDIZ İ.
in: Medisinal Kimya, Mehmet Alp, Editor, Akademisyen Kitabevi, Ankara, pp.750-768, 2021
- V. **Antiepileptik İlaçlar**
Yıldız İ.
in: Foye Medisinal Kimya Temel İlkeleri, Öztekin Algül, Kayhan Bolelli, Editor, Nobel Tıp Kitapevi, Ankara, pp.144-157, 2019
- VI. **Antiepileptik İlaçlar**
YILDIZ İ., YILMAZ S., ERTAN BOLELLİ T., BOLELLİ K., ALGÜL Ö., AKGÜL Ö., AKGÜN H., BAYTAŞ S., BERK B., ÇALIŞKAN B., et al.
in: Essentials of Foye's Principles of Medicinal Chemistry Foye Medisinal Kimya Temel İlkeleri, Öztekin Algül, Kayhan Bolelli, Editor, Nobel Tıp Kitapevi, pp.144-157, 2019
- VII. **Ankara Üniversitesi Farmasötik Kimya Pratikleri 1-2 Kitabı**
Akı Yalçın E. E., Yalçın İ., Büyükbingöl M. E., Göker A. H., Yıldız İ., Altuntaş Dinlenç T., Kılıçgil G., Tunçbilek M., Süzen S., Arpacı Ö., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018
- VIII. **Farmasötik Kimya pratikleri 1 2**
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., KILCIGİL G., TUNÇBİLEK M., ARPACI Ö., KUŞ C., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018
- IX. **Ankara Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Pratikleri 3-4**
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., KILCIGİL G., TUNÇBİLEK M., SÜZEN S., ARPACI Ö., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018
- X. **Concepts: Computational Tools and Biological Applications**
YALÇIN İ., AKI YALÇIN E. E., ÖREN İ., ARPACI Ö.
in: QSAR and Molecular Modelling, Sanz F., Giraldo J, Manaut F, Editor, Prous Science Publishers, pp.147-151, 1995

Refereed Congress / Symposium Publications in Proceedings

- I. **Some New Benzoxazoles as Topoisomerase II Inhibitors2**
YILDIZ İ., Karataş E., FOTO E., YALÇIN G., ZİLİFDAR FOTO F., ERTAN BOLELLİ T.
Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017
- II. **Synthesis and molecular modeling studies of some novel benzothiazole derivatives as anti-cancer agents**
YENİCE ÇAKMAK G., YILMAZ S., YILDIZ İ.
13th International symposium on pharmaceutical sciences, 22 June 2021
- III. **Molecular Docking Analysis of New Antibacterial Lead Compounds for Staphylococcus aureus**
YALÇIN G., acar c., YILDIZ İ.
Eurasian Congress on Molecular Biotechnology, 19 - 21 September 2019
- IV. **Some New Oxazolo[4,5-b]pyridines as Topoisomerase II α Inhibitors**
YILDIZ İ., Karataş E., FOTO E., YALÇIN G., Ataei S., ERTAN BOLELLİ T., ZİLİFDAR F.
Uluslararası Katılımlı 7. İlaç Kimyası Kongresi, 14 - 17 March 2019
- V. **Some New Topoisomerase II Inhibitors**

YILDIZ İ., Karataş E., FOTO E., YALÇIN G., Ataei S., ERTAN BOLELLİ T., ZİLİFDAR F.

4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, Ukraine, 7 - 10 September 2018, pp.127

VI. Molecular Modelling Studies on Benzoxazines as Anticancer Agents

YILDIZ İ., YILMAZ S., Ataei S., ERTAN BOLELLİ T., BOLELLİ K., ZİLİFDAR F., FOTO E.

International Chemistry Biology Conference'xx18, Şarm El-Şeyh, Egypt, 11 - 14 July 2018, pp.34

VII. Docking studies of some sulfonamidobenzoxazole derivatives on aldose reductase enzyme2

ERTAN BOLELLİ T., BOLELLİ K., DOĞRU B., YILDIZ İ.

4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, 7 - 10 September 2018

VIII. Molecular modeling studies on some aldose reductase enzyme inhibitors

BOLELLİ K., ERTAN BOLELLİ T., DOĞRU B., YILDIZ İ.

International Chemistry Biology Conference'18, Şarm El-Şeyh, Egypt, 11 - 14 July 2018, pp.159

IX. Investigation of Beta-secretase 1 Enzyme inhibition with known acetylcholinesterase inhibitors

YALÇIN G., YILDIZ İ.

4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, Ukraine, 7 - 10 September 2018, pp.146

X. Computational studies on glycogen synthase kinase 3 beta inhibitors

YALÇIN G., YILDIZ İ.

International Chemistry Biology Conference'18, Şarm El-Şeyh, Egypt, 11 - 14 July 2018, pp.153

XI. Glycogen Synthase Kinase 3 Beta inhibition by several acetylcholinesterase inhibitors

YALÇIN G., DOĞRU B., YILDIZ İ.

4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, Ukraine, 7 - 10 September 2018, pp.145

XII. Docking studies of some sulfonamidobenzoxazole derivatives on aldose reductase enzyme

ERTAN BOLELLİ T., BOLELLİ K., DOĞRU B., YILDIZ İ.

4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, Ukraine, 7 - 10 September 2018, pp.144

XIII. Molecular Binding Profile of Protoberberine Alkaloids on Receptor for Advanced Glycation Endproducts (RAGE) as a Drug Candidate for Alzheimer's Diseases

DOĞRU B., YILDIZ İ., YALÇIN G.

International Chemistry and Biology Conference, Sharm El-Sheikh, Egypt, 11 - 14 July 2018, pp.154

XIV. Synthesis of some new benzoxazoles as hTopo II α Inhibitors

Karataş E., FOTO E., ZİLİFDAR F., YILDIZ İ.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.373

XV. Molecular binding profile of protoberberine alkaloids on glycogen synthase kinase 3 β as a drug candidate for Alzheimer's diseases

YALÇIN G., YILDIZ İ.

7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 April - 27 September 2018, pp.42

XVI. DprE1-Benzimidazole derivatives interactions using molecular modelling

YALÇIN G., Ersan R. H., ALGÜL Ö., YILDIZ İ.

Uluslar arası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018, pp.120

XVII. Computational studies for drug design on beta-secretase 1 inhibition

YALÇIN G., YILDIZ İ.

Uluslar arası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018, pp.119

XVIII. Docking studies of 2-substituted-5-(4-trifluoromethylphenylsulfonamido)benzoxazole derivatives on human GST P1-1 enzyme

ERTAN BOLELLİ T., BOLELLİ K., Musdal Y., YILDIZ İ., AKI YALÇIN E. E., Mannervik B., YALÇIN İ.

The 69th Southeastern Regional Meeting of the American Chemical Society SERMACS 2017, 7 - 11 November 2017,

- XIX. Development of new lead BACE1 enzyme inhibitors**
YALÇIN G., YILDIZ İ.
5th International BAU Drug Design Congress, 19 - 21 October 2017, pp.43
- XX. Molecular Docking Studies of 2,5-Disubstituted Benzoxazole Derivatives as Aldose Reductase Enzyme Inhibitor**
BOLELLİ K., ERTAN BOLELLİ T., DOĞRU B., YILDIZ İ.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017, pp.169
- XXI. Molecular modelling studies on glycogen synthase kinase 3B inhibitors for Alzheimer's Diseases**
YALÇIN G., YILDIZ İ.
2nd International Gazi Pharma Symposium, 11 - 13 October 2017, pp.253
- XXII. Benzoxazine Derivatives as Antitumor Agents Targeting Topo I**
YILDIZ İ., Ataei S., YILMAZ S., ERTAN BOLELLİ T., Foto E.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017, pp.55
- XXIII. Protoberberine alkaloids as a drug candidate for Alzheimer's Diseases**
YALÇIN G., YILDIZ İ.
2nd International Gazi Pharma Symposium, 11 - 13 October 2017, pp.254
- XXIV. Pharmacophore Generation Studies for Developing of Potential BACE1 Enzyme Inhibitors**
YALÇIN G., YILDIZ İ.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017, pp.304
- XXV. New nitro-benzoxazoles as antitumor agents targeting hTopo II**
Karataş E., Foto E., YALÇIN G., ZİLİFDAR F., ERTAN BOLELLİ T., YILDIZ İ.
17th Hellenic Symposium on Medicinal Chemistry, 1 - 03 June 2017, pp.23
- XXVI. Molecular Docking Studies of Some Benzoxazine Derivatives as DNA Topoisomerase I Inhibitors**
Ataei S., YILDIZ İ.
17th Hellenic Symposium on Medicinal Chemistry, 1 - 03 June 2017, pp.68
- XXVII. Some New Benzoxazole as Topoisomerase II inhibitors**
YILDIZ İ., Karataş E., Foto E., YALÇIN G., ZİLİFDAR F., ERTAN BOLELLİ T.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyon Kongresi, 30 March - 02 April 2017, pp.127
- XXVIII. Molecular Docking Studies on Some Benzimidazole Derivatives as Possible Decaprenylphosphoryl-D-ribose oxidase Enzyme Inhibitors**
YALÇIN G., Ersan R. H., YILDIZ İ., ALGÜL Ö.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyon Kongresi, 30 March - 02 April 2017, pp.210
- XXIX. Synthesis of 2,5-disubstituted benzoxazoles as hTopo I Inhibitors**
Karataş E., Foto E., ZİLİFDAR F., YILDIZ İ.
24th Young Research Fellow Meeting, 8 - 10 February 2017
- XXX. Molecular modeling studies on benzoxazine derivatives as human Sirt3 inhibitors**
Ataei S., YILDIZ İ.
The Biology of Aging "Advances in therapeutic approaches to extend healthspan", 22 - 25 January 2017
- XXXI. Molecular Docking Studies on SIRT1 Enzyme**
ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ.
The Biology of Aging "Advances in therapeutic approaches to extend healthspan", 22 - 25 January 2017
- XXXII. Anticancer effects on human leukemia HL 60 Cell line and molecular docking studies of novel 2 5 disubstituted benzoxazole derivatives**
ÖKSÜZOĞLU E., ERTAN BOLELLİ T., Tarhan M., ÖZTÜRK K., YILDIZ İ.
6. Multidisipliner Kanser Araştırma Kongresi, 27 - 30 October 2016
- XXXIII. CARBAMATE DERIVATIVES OF PYRIDAZINONE AS ACETYLCHOLINESTERASE INHIBITORS**

Çiçekli Ş., DÜNDAR Y., ŞENOL F. S., ERDOĞAN ORHAN İ., YILDIZ İ., ÖNKOL T.

ICSD International Conference on Sustainable Development, 19 - 23 October 2016

XXXIV. SYNTHESIS MOLECULAR MODELLING OF SOME NEW BENZOXAZOLE DERIVATIVES AS TOPOISOMERASE II INHIBITORS

YILDIZ İ., Karataş E., Foto E., ZİLİFDAR F., Ataei S.

ICSD International Conference on Sustainable Development, 19 - 23 October 2016

XXXV. Anticancer Effects on Human Leukemia HL 60 Cell Line And Molecular Docking Studies of Novel 2 5 Disubstituted Benzoxazole Derivatives

ÖKSÜZOĞLU E., ERTAN BOLELLİ T., Tarhan M., ÖZTÜRK K., YILDIZ İ.

MOKAD-2016, Konya, Turkey, 27 - 30 October 2016, pp.65

XXXVI. Investigation of Cytotoxic Genotoxic Epigenetic and Topoisomerase I Enzyme Inhibitory Effects of Benzoxazole Benzamide and Benzeneacetamide Derivatives

ZİLİFDAR F., Foto E., ERTAN BOLELLİ T., YALÇIN İ., AKI YALÇIN E. E., YILDIZ İ., DİRİL N.

International Conference On Biological Sciences (ICBS), Konya, Turkey, 21 - 23 October 2016, pp.133

XXXVII. Antitumor Activities on Human Leukemia HL 60 Cell Line of Some Novel Sulfonamido Benzoxazoles

ÖKSÜZOĞLU E., ERTAN BOLELLİ T., Tarhan M., ÖZTÜRK K., YILDIZ İ.

4th International BAU Drug Design Congress, 13 - 15 October 2016

XXXVIII. Molecular Docking Studies on Some Chalcone Derivatives as Possible Decaprenylphosphoryl D ribose oxidase DprE1 Enzyme Inhibitors

YALÇIN G., Göbek A., Aktaş Anıl D., BURMAOĞLU S., YILDIZ İ.

4th International BAU Drug Design Congress, 13 - 15 October 2016

XXXIX. Homology modeling and molecular docking study of the paraoxonase-1 and its polymorphic variants Q/R 192 and M/L 55 for non-statin lipid lowering drugs

Duzgun Z., KURAL B., ÖREM A., YILDIZ İ.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.233

XL. In silico affinities of some statins to paraoxonase-1 enzyme

Duzgun Z., Kural B., ÖREM A., YILDIZ İ.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.234

XLI. Molecular binding profile of protoberberine alkaloids on amyloid precursor protein-cleaving enzyme 1 (BACE1) as a drug candidate for Alzheimer's diseases

YALÇIN ÖZKAT G., YILDIZ İ.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.232

XLII. Synthesis and DNA topoisomerases I inhibitor activity of some novel benzoxazine derivatives

Ataei S., Foto E., YILDIZ İ.

15th Belgian Organic Synthesis Symposium BOSS XV, 10 - 15 July 2016

XLIII. Theoretical investigations on the molecular structure vibrational spectra HOMO LUMO and NBO analysis of 5 chloro 2 4 chlorophenoxy methyl benzimidazole

Mary Y. S., Jojo P., Panicker C. Y., Alsenoy C. V., Ataei S., YILDIZ İ.

Third International Conference on New Trends in Chemometrics and Applications, 25 - 28 May 2016

XLIV. Design and synthesis of novel sulfonamide containing benzoxazoles as human GST P1 1 inhibitors

ERTAN BOLELLİ T., Musdal Y., Mannervick B., BOLELLİ K., YILMAZ S., ÖZTÜRK Ö., YILDIZ İ., AKI YALÇIN E. E., YALÇIN İ.

Royal Society of Chemistry, Challenges in Organic Chemistry, 20 - 23 March 2016

XLV. Predicting ADME Tox Properties of Some Topoisomerase I

Ataei S., YILDIZ İ.

4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 17 - 20 March 2016

XLVI. Synthesis of some new benzoxazoles as DNA Topoisomerase I Inhibitors

Karataş E., Foto E., ZİLİFDAR F., YILDIZ İ.

4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 17 - 20 March 2016

XLVII. Determination of some Macrolide Antibiotics by High Liquid Performance Chromatographic Method HPLC

Ataei S., YILDIZ İ., Karban Ö., Karabulut M., Şimşek H., Tahiyev R., Mammadov S., Özbek M., Er E.

4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 17 - 20 March 2016

XLVIII. Molecular Modeling Studies Topoisomerase Inhibitors

YILDIZ İ., BOLELLİ T., Ataei S., YILMAZ S., Foto E., YALÇIN İ.

3rd International BAU Drug Design Congress 2015, 1 - 03 October 2015

XLIX. Pharmacophore Generation Studies For The Discovery Of Potential Acetylcholinesterase Inhibitors

YALÇIN G., Ataei S., YILDIZ İ.

3rd International BAU Drug Design Congress 2015, 1 - 03 October 2015

L. Molecular Modeling Studies Topoisomerase I Inhibitors

YILDIZ İ., ERTAN BOLELLİ T., ATAĞİ S., YILMAZ S., FOTO E., DİRİL N., YALÇIN İ.

3rd International BAU-Drug Design Symposium 2015, İstanbul, Turkey, 1 - 03 October 2015, pp.47-48

LI. In silico prediction ADME Tox properties of some topoisomerase I inhibitors

Karataş E., Ataei S., YILDIZ İ.

8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), Chios, Greece, PO1-11, p64, 21 - 25 June 2015

LII. Pharmacophore analysis and molecular docking studies on benzoxazines as topoisomerase I inhibitors

YILDIZ İ., Sanaz A., YILMAZ S., BOLELLİ T., Foto E., YALÇIN İ.

8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources Chios, Greece, OC-22, p46, 21 - 25 June 2015

LIII. Molecular studies on benzazole derivatives as HIV 1 Reverse transcriptase inhibitors

Ataei S., Bayrak Y., YILMAZ S., BOLELLİ T., YILDIZ İ.

8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), Chios, Greece, PO2-17, p70, 21 - 25 June 2015

LIV. Molecular Studies on Benzazole Derivatives as HIV 1 Reverse Transcriptase Inhibitors

ATAĞİ S., BAYRAK Y., YILMAZ S., ERTAN BOLELLİ T., YILDIZ İ.

8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), CHIOS, Greece, 21 - 25 June 2015, pp.70

LV. Evaluation of in vitro genotoxic potentials of 4 methyl 6 substituted 2H 3 4 dihydro 1 4 benzoxazin 3 one derivatives on HeLa cells

Foto E., ZİLİFDAR F., YILMAZ S., DİRİL N., YALÇIN İ., YILDIZ İ., AKI YALÇIN E. E.

11th International Symposium on Pharmaceutical Sciences (ISOPS 11th), June 09-12, 2015, 9 - 12 June 2015

LVI. QSAR 1 İlkeler

YILDIZ İ.

Bilgisayar Destekli İlaç Tasarımı Kursu, Biruni Üniversitesi Eczacılık Fakültesi, Turkey, 11 - 12 May 2015

LVII. MOLECULAR DOCKING AND PHARMACOPHORE ANALYSIS ON SOME TOPOISOMERASE I TARGETTED ANTITUMOR BENZOXAZOLE AND ANALOGUES

YILDIZ İ., BOLELLİ T., Ataei S., YILMAZ S., Karataş E., BOLELLİ K., ÖZTÜRK Ö., YALÇIN İ.

GTC European Pharma 2015 9th Drug Design and Medicinal Chemistry Conference, 5 - 08 May 2015

LVIII. Molecular Modeling Studies on BS10 as Topoisomerase I Poison

YILDIZ İ., Ataei S., YILMAZ S., BOLELLİ T., Foto E.

1st International Congress: from drug discovery to drug delivery, Royal Olympic Hotel, Athens, Greece, 13 - 15 November 2014

LIX. Molecular Docking Studies on Human Glutathione S transferase Enzyme hGSTP1 1

ERTAN BOLELLİ T., YALÇIN İ., Musdal Y., YILMAZ S., BOLELLİ K., ÖZTÜRK Ö., AKSOY Y., Mannervik B., YILDIZ İ., AKI

YALÇIN E. E.

The 3rd International Conference on Computation for Science and Technology, Balvi, Latvia, 23 - 25 September 2014, pp.28

- LX. **Anticancer Drug Design Studies using Molecular Modeling Techniques**
AKI YALÇIN E. E., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S., ÖZTÜRK Ö., TAŞKIN TOK T., Hidayat A. N., YILDIZ İ., YALÇIN İ.
The 3rd International Conference on Computation for Science and Technology, Balvi, Latvia, 23 - 25 September 2014, pp.10
- LXI. **Computational Drug Design Studies for Multidrug Resistance AcrAB TolC Efflux Pump Inhibitors on Escherichia coli**
YILMAZ S., ERTAN BOLELLİ T., BOLELLİ K., ÖZTÜRK Ö., ATAİ S., YILDIZ İ., AKI YALÇIN E. E., YALÇIN İ.
The 3rd International Conference on Computation for Science and Technology, Balvi, Latvia, 23 - 25 September 2014, pp.62
- LXII. **Pharmacophore Identification Analysis on hGST P1 1 Enzyme Inhibitory Active Benzazole Derivatives**
BOLELLİ K., YALÇIN İ., ERTAN BOLELLİ T., YILMAZ S., ÖZTÜRK Ö., YILDIZ İ., AKI YALÇIN E. E.
The 3rd International Conference on Computation for Science and Technology, Balvi, Latvia, 23 - 25 September 2014, pp.76
- LXIII. **Computer Aided Molecular Modeling of the Binding Site and GSH Conjugation Features of the New Human GST P1 1 Inhibitors**
YALÇIN İ., ERTAN BOLELLİ T., MUSDAL Y., BOLELLİ K., YILMAZ S., AKSOY Y., MANNERVİK B., YILDIZ İ., AKI YALÇIN E. E.
The 3rd International Conference on Computation for Science and Technology, Balvi, Latvia, 23 - 25 September 2014, pp.6
- LXIV. **Description of the Binding Site and GSH Conjugation Features of the New Human GST P1 1 Inhibitors**
YALÇIN İ., ERTAN BOLELLİ T., MUSDAL Y., BOLELLİ K., YILMAZ S., AKSOY Y., MANNERVİK B., YILDIZ İ., AKI YALÇIN E. E.
20th European Symposium on Quantitative Structure-Activity Relationships (20th EuroQSAR), St-Petersburg, Russia, 31 August - 04 September 2014, pp.224
- LXV. **Molecular Modeling Studies on Some Benzazole Derivatives as Topoisomerase I Poison**
YILDIZ İ., ERTAN BOLELLİ T., YILMAZ S., ATAİ S., BOLELLİ K., ÖZTÜRK Ö., KARATAŞ E., AKI YALÇIN E. E., YALÇIN İ.
20th European Symposium on Quantitative Structure-Activity Relationships (20th EuroQSAR), St-Petersburg, Russia, 31 August - 04 September 2014, pp.221
- LXVI. **Molecular Docking Studies of AcrB Trimeric Multidrug Efflux Pumps**
YILMAZ S., ERTAN BOLELLİ T., BOLELLİ K., ÖZTÜRK Ö., ATAİ S., YILDIZ İ., AKI YALÇIN E. E., YALÇIN İ.
20th European Symposium on Quantitative Structure-Activity Relationships (20th EuroQSAR), St-Petersburg, Russia, 31 August - 04 September 2014, pp.170
- LXVII. **Identification of Mechanism of Action of DNA Topoisomerase II Inhibitors by Molecular Modeling Studies**
AKI YALÇIN E. E., ERTAN BOLELLİ T., TAŞKIN TOK T., ÖZEN Ç., BOLELLİ K., YILMAZ S., ÖZTÜRK Ö., YILDIZ İ., YALÇIN İ.
20th European Symposium on Quantitative Structure-Activity Relationships (20th EuroQSAR), St Petersburg, Russia, 31 August - 04 September 2014, pp.52
- LXVIII. **Common Feature Pharmacophore Generation of Neurokinin 1 Receptor Antagonists**
ÖZTÜRK Ö., AKI YALÇIN E. E., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S., YILDIZ İ., YALÇIN İ.
The 3rd International Conference on Computation for Science and Technology, Balvi, Latvia, 23 - 25 September 2014, pp.103
- LXIX. **Molecular Modeling Studies On Some Topoisomerase I Inhibitors**
YILDIZ İ., ATAİ S., YILMAZ S., ERTAN BOLELLİ T., FOTO E., AKI YALÇIN E. E., YALÇIN İ.
2nd International BAU-Drug Design Symposium 2014, İstanbul, Turkey, 17 - 19 April 2014, pp.38
- LXX. **Molecular Modeling Studies on DNA Topoisomerase II Inhibitors**
AKI YALÇIN E. E., ERTAN BOLELLİ T., TAŞKIN TOK T., YILMAZ S., BOLELLİ K., ÖZTÜRK Ö., YILDIZ İ., YALÇIN İ.

2nd International BAU-Drug Design Symposium 2014, İstanbul, Turkey, 17 - 19 April 2014, pp.18

- LXXI. **Description of the Binding Site Features of Some Fused Heterocycles as New Human GST P1 1 Inhibitors**
YALÇIN İ., ERTAN BOLELLİ T., MUSDAL Y., BOLELLİ K., YILMAZ S., AKSOY Y., MANNERVIK B., YILDIZ İ., AKI YALÇIN E. E.
2nd International BAU-Drug Design Symposium 2014, İstanbul, Turkey, 17 - 19 April 2014, pp.9
- LXXII. **Vibrational Spectroscopic Studies and DFT Calculations of 4 Fluoro N 2 Hydroxy 4 Nitrophenyl Benzamide**
USHAKUMARI L., VARGHESE H. T., PANICKER C. Y., ERTAN BOLELLİ T., YILDIZ İ.
2nd International Conference on New Trends in Chemometrics and Applications (NTCA-2013), Ankara, Turkey, 25 - 28 October 2013, pp.56
- LXXIII. **Molecular Docking Studies of Glutathion S Transferase Inhibitors**
BOLELLİ K., YALÇIN İ., ERTAN BOLELLİ T., YILMAZ S., ÖZTÜRK Ö., MUSDAL Y., YILDIZ İ., AKI YALÇIN E. E.
9th AFMC International Medicinal Chemistry Symposium (AIMECS 13), Taipei, Taiwan, 15 - 18 October 2013
- LXXIV. **Molecular Docking Studies on Enoyl ACP Reductase Enzyme**
ERTAN BOLELLİ T., YILDIZ İ., ÖZGEN S., BOLELLİ K., YILMAZ S., ATAĞİ S., ÖZTÜRK Ö., AKI YALÇIN E. E., YALÇIN İ.
9th AFMC International Medicinal Chemistry Symposium (AIMECS 13), Taipei, Taiwan, 15 - 18 October 2013
- LXXV. **Molecular Docking Studies on AcrB Trimeric Multidrug Efflux Pumps of Escherichia coli**
YILMAZ S., YALÇIN İ., ERTAN BOLELLİ T., BOLELLİ K., ÖZTÜRK Ö., ATAĞİ S., YILDIZ İ., AKI YALÇIN E. E.
9th AFMC International Medicinal Chemistry Symposium (AIMECS 13), Taipei, Taiwan, 15 - 18 October 2013
- LXXVI. **Rational Design of DNA Topoisomerase Inhibitory Active Benzazoles as Antitumoral Agents**
AKI YALÇIN E. E., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S., ÖZTÜRK Ö., TAŞKIN TOK T., YILDIZ İ., YALÇIN İ.
9th AFMC International Medicinal Chemistry Symposium (AIMECS 13), Taipei, Taiwan, 15 - 18 October 2013
- LXXVII. **CADD Studies on Chemotherapeutical Active Fused Heterocyclic Compounds**
YALÇIN İ., BOLELLİ K., YILMAZ S., ERTAN BOLELLİ T., ÖZTÜRK Ö., ATAĞİ S., YILDIZ İ., AKI YALÇIN E. E.
9th AFMC International Medicinal Chemistry Symposium (AIMECS 13), Taipei, Taiwan, 15 - 18 October 2013
- LXXVIII. **Molecular Docking Analysis of Benzothiazole derivatives as human DNA topoisomerase II inhibitors**
AKI YALÇIN E. E., TAŞKIN TOK T., ERTAN BOLELLİ T., YILDIZ İ., YALÇIN İ.
Seventh International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2013), Seoul, South Korea, 8 - 12 October 2013, pp.39
- LXXIX. **Molecular Docking Studies on Dihydropteroate Synthase Enzyme**
ERTAN BOLELLİ T., YILDIZ İ., BOLELLİ K., YILMAZ S., ATAĞİ S., ÖZTÜRK Ö., ÖZGEN S., AKI YALÇIN E. E., YALÇIN İ.
Seventh International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2013), Seoul, South Korea, 8 - 12 October 2013, pp.72
- LXXX. **Docking Studies on Glutathione S Transferase P1 1 Enzyme**
BOLELLİ K., ERTAN BOLELLİ T., MUSDAL Y., YILMAZ S., ÖZTÜRK Ö., AKSOY Y., YILDIZ İ., AKI YALÇIN E. E., YALÇIN İ.
Seventh International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2013), Seoul, South Korea, 8 - 12 October 2013, pp.66
- LXXXI. **FT IR FT Raman surface enhanced Raman scattering and computational study of 2 p fluorobenzyl 6 nitrobenzoxazole**
MARY Y. S., RAJU K., ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ., NOGUIERA H. I. S., GRANADEIERO C. M., ALSENOY C. V.
International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013), İstanbul, Turkey, 15 September - 20 July 2013, pp.188-189
- LXXXII. **Molecular Docking Studies of Some Benzazole Derivatives as DNA Topoisomerase I Inhibitors**
ATAĞİ S., YILMAZ S., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., ÖZTÜRK Ö., AKI YALÇIN E. E., YALÇIN İ.
49th International Conference on Medicinal Chemistry (RICT-49), Nice, France, 3 - 05 July 2013, pp.182
- LXXXIII. **Common Feature Pharmacophore Generation of DNA Topoisomerase II Enzyme Inhibitors**
ÖZTÜRK Ö., AKI YALÇIN E. E., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S., ATAĞİ S., YILDIZ İ., YALÇIN İ.
49th International Conference on Medicinal Chemistry (RICT-49), Nice, France, 3 - 05 July 2013, pp.268
- LXXXIV. **Docking Studies of Human Topoisomerase II Enzyme Inhibitors**
ÖZTÜRK Ö., AKI YALÇIN E. E., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S., YILDIZ İ., YALÇIN İ.

- 1st International BAU-Drug Design Symposium 2013, İstanbul, Turkey, 21 - 23 March 2013, pp.64
- LXXXV. **Docking Studies of Glutathion S Transferase GST Inhibitors**
BOLELLİ K., YALÇIN İ., ERTAN BOLELLİ T., YILMAZ S., ÖZTÜRK Ö., YILDIZ İ., AKI YALÇIN E. E.
1st International BAU-Drug Design Symposium 2013, İstanbul, Turkey, 21 - 23 March 2013, pp.65
- LXXXVI. **Molecular Modeling and Docking Studies of AcrB Trimeric Multidrug Efflux Pumps**
YILMAZ S., YALÇIN İ., ERTAN BOLELLİ T., BOLELLİ K., ÖZTÜRK Ö., YILDIZ İ., AKI YALÇIN E. E.
1st International BAU-Drug Design Symposium 2013, İstanbul, Turkey, 21 - 23 March 2013, pp.63
- LXXXVII. **Molecular Modelling Studies on the Design of Chemotherapeutically Active Heterocyclic Compounds**
AKI YALÇIN E. E., TAŞKIN TOK T., YILMAZ S., ERTAN BOLELLİ T., BOLELLİ K., ÖZTÜRK Ö., YILDIZ İ., YALÇIN İ.
1st International BAU-Drug Design Symposium 2013, İstanbul, Turkey, 21 - 23 March 2013, pp.26
- LXXXVIII. **Common Feature Pharmacophore Generation of Heterocyclic Compounds as Bacterial RND Efflux Pump Inhibitors**
YALÇIN İ., YILMAZ S., BOLELLİ K., ERTAN BOLELLİ T., YILDIZ İ., AKI YALÇIN E. E.
1st International BAU-Drug Design Symposium 2013, İstanbul, Turkey, 21 - 23 March 2013, pp.27
- LXXXIX. **Bazı Yeni Sülfonamido Benzoksazol Türevi Bileşiklerin Sentez Yapı Aydınlatması Antimikrobiyal Etki ve Moleküler Modelleme Çalışmaları**
ERTAN BOLELLİ T., YILDIZ İ.
III. Ulusal Farmasötik Kimya Kongresi 14-16 Eylül 2012, Malatya, Malatya, Turkey, 14 - 16 September 2012, pp.13
- XC. **Docking Studies of Enoyl ACP Reductase Enzyme Inhibitors**
ERTAN BOLELLİ T., YILDIZ İ., ÖZGEN S., AKI YALÇIN E. E., YALÇIN İ.
EuroQSAR Knowledge Enabled Ligand Design, 19th European Symposium on Quantitative Structure-Activity Relationships (19th EuroQSAR), VİYANA, Austria, 26 - 30 August 2012, pp.161
- XCI. **Docking Studies of Some Fused Heterocyclic Compounds into HIV 1 Reverse Transcriptase Enzyme**
BOLELLİ K., ERTAN BOLELLİ T., ÖZTÜRK Ö., YILDIZ İ., AKI YALÇIN E. E., YALÇIN İ.
EuroQSAR Knowledge Enabled Ligand Design, 19th European Symposium on Quantitative Structure-Activity Relationships (19th EuroQSAR), VİYANA, Austria, 26 - 30 August 2012, pp.141
- XCII. **Computational Drug Design Studies of Some New GST Inhibitory Active 2 Substituted Benzoxazoles and Benzothiazoles**
AKI YALÇIN E. E., TAŞKIN TOK T., YALÇIN İ., MUSDAL Y., AKSOY Y., YILMAZ S., ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ.
EuroQSAR Knowledge Enabled Ligand Design, 19th European Symposium on Quantitative Structure-Activity Relationships (19th EuroQSAR), VİYANA, Austria, 26 - 30 August 2012, pp.156
- XCIII. **Structure Based Drug Design Methods**
AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ., TAŞKIN TOK T., ERTAN BOLELLİ T., YILMAZ S., BOLELLİ K.
2nd International Conference on Computation for Science and Technology (ICCST-II), Niğde, Turkey, 9 - 11 July 2012, pp.52
- XCIV. **Computational Methods in Rational Drug Design**
YALÇIN İ., AKI YALÇIN E. E., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S.
2nd International Conference on Computation for Science and Technology (ICCST-II), Niğde, Turkey, 9 - 11 July 2012, pp.43
- XCV. **QSAR and Molecular Modeling Studies on Chemotherapeutic Active Benzazoles**
YALÇIN İ., AKI YALÇIN E. E., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S.
8th AFMC International Medicinal Chemistry Symposium (AIMECS 11), Tokyo, Japan, 29 November - 02 December 2011, pp.8
- XCVI. **QSAR Analysis of Some Novel 2 p Substitutedphenyl benzyl 5 p substitutedbenzensulfonamido benzoxazoles against Mycobacterium tuberculosis isolate**
ERTAN BOLELLİ T., YILDIZ İ., ÖZGEN S., AKI YALÇIN E. E., YALÇIN İ.
1st International Conference on New Trends in Chemometrics and Applications (NTCA-2011), Antalya, Turkey, 8 - 11 October 2011, pp.66
- XCVII. **Common Feature Pharmacophore Generation of Heterocyclic Compounds against Efflux Pump Over expressor Bacteria**

YALÇIN İ., BOLELLİ T., Musdal Y., BOLELLİ K., YILMAZ S., AKSOY Y., Mannervik B., YILDIZ İ., AKI YALÇIN E. E.
6th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet
Resources (CMTPI-2011), Maribor, Slovenia, 3 - 07 September 2011

XCVIII. Docking Studies of GST Inhibitory Active 2 Substituted Benzazoles

AKI YALÇIN E. E., TAŞKIN TOK T., Musdal Y., AKSOY Y., YILMAZ S., ERTAN BOLELLİ T., BOLELLİ K., YILDIZ İ., YALÇIN İ.

6th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet
Resources (CMTPI-2011), Maribor, Slovenia, 3 - 07 September 2011, pp.43

XCIX. Kemoterapötik Etkili Heterosiklik Bileşiklerin Bilgisayar Destekli İlaçTasarım Çalışmaları

AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., TAŞKIN TOK T., YILMAZ S.

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi (UKK-25), Erzurum, Turkey, 27 June - 02 July 2011, pp.43

C. Docking Studies of Topoisomerase II Inhibitors

TAŞKIN TOK T., AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S.

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi (UKK-25), Erzurum, Turkey, 27 June - 02 July 2011, pp.180

CI. FT IR FT Raman SERS spectra and computational calculations of 4 ethyl N 2 hydroxy 5 nitrophenyl benzamide

PANICKER C. Y., VARGHESE H. T., USHAKUMARI L., ERTAN BOLELLİ T., YILDIZ İ., GRANADEIRO C. M., NOGUEIRA H. I. S., MARY Y. S.

Uluslararası Katılımlı XII. Ulusal Spektroskopi Kongresi (USK-12), Antalya, Turkey, 18 - 22 May 2011, pp.249

CII. Bazi Yeni 2 4 4 Sübstitübenzamido fenil benzotiyazol Türevlerinin 1H NMR Spektroskopi Çalışmaları

BOLELLİ K., ERTAN BOLELLİ T., YALÇIN İ., AKI YALÇIN E. E., YILDIZ İ.

Uluslararası Katılımlı XII. Ulusal Spektroskopi Kongresi (USK-12), Antalya, Turkey, 18 - 22 May 2011, pp.248

CIII. Computational Drug Design Studies on Antitumoral Active Heterocyclic Compounds

AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S.

18th European Symposium on Quantitative Structure-Activity Relationships (18th EuroQSAR), Rodos, Greece, 19 - 24 September 2010, pp.84

CIV. Three Dimensional Common Feature Hypotheses on Benzoxazine Derivatives as Topoisomerase I Inhibitors

YILDIZ İ., ATAİ S., YILMAZ S., FOTO E., ERTAN BOLELLİ T., BOLELLİ K., DİRİL N., AKI YALÇIN E. E., YALÇIN İ.

The 18th International Conference on Organic Synthesis (ICOS-18), Bergen, Norway, 1 - 06 August 2010, pp.377

CV. Computer Aided Drug Design Studies on Chemotherapeutically Active Heterocyclic Compounds

AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., YILMAZ S.

Third International Meeting on Pharmacy Pharmaceutical Sciences (IMPPS-3), İstanbul, Turkey, 9 - 12 June 2010, pp.16

CVI. DNA Topoisomerase Inhibitory Activity of Some Heterocyclic Compounds and Their Structure Activity Relationships

AKI YALÇIN E. E., YALÇIN İ., YILDIZ İ., ARPACI Ö., BOLELLİ K., ERTAN BOLELLİ T.

Current Trends in Drug Discovery Research (CTDDR-2010), Lucknow, Canada, 17 - 21 February 2010, vol.16

CVII. Molecular Modelling Studies on Some Benzazoles as Eukaryotic DNA Topoisomerase II Inhibitors

YILDIZ İ., ERTAN BOLELLİ T., BOLELLİ K., ARPACI Ö., YALÇIN İ., AKI YALÇIN E. E.

4th Central European Conference Chemistry towards Biology (CTB4), Dobogókő, Hungary, 8 - 11 September 2008, pp.135

CVIII. Pharmacophore Analysis on Some Benzoxazoles against Drug Resistant Escherichia coli

ERTAN BOLELLİ T., YILDIZ İ., BOLELLİ K., TEKİNER GÜLBAŞ P. B., YILMAZ S., ARPACI Ö., AKI YALÇIN E. E., YALÇIN İ.

Fifth International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet
Resources (CMTPI-2009), İstanbul, Turkey, 4 - 08 July 2009

CIX. Pharmacophore Analysis on Some Benzoxazoles against Drug Resistant Bacillus subtilis

ERTAN BOLELLİ T., YILDIZ İ., BOLELLİ K., AKI YALÇIN E. E., YALÇIN İ.

45th International Conference on Medicinal Chemistry (RICT-45), Orleans, France, 1 - 03 July 2009, pp.111

CX. Synthesis Structure Elucidation and Microbiological Activity of Some New 2 4 4

Substituted Phenylacetamido phenyl benzothiazole Derivatives

BOLELLİ K., YALÇIN İ., ERTAN BOLELLİ T., YILDIZ İ., AKI YALÇIN E. E., KAYNAK ONURDAĞ F.

45th International Conference on Medicinal Chemistry (RICT-45), Orleans, France, 1 - 03 July 2009, pp.112

CXI. Synthesis Structure Elucidation and Microbiological Activity of Some New 2 4 4

Substituted benzamido phenyl benzothiazole Derivatives

BOLELLİ K., YALÇIN İ., BOLELLİ T., KAYNAK ONURDAĞ F., YILDIZ İ., ARPACI Ö., AKI YALÇIN E. E., ABBASOĞLU U.

International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-3), Antalya, Turkey, 16 - 21 October 2007

CXII. Synthesis Structure Elucidation and Microbiological Activity of Some New 2 4 4

Substituted benzamido phenyl benzothiazole Derivatives

BOLELLİ K., YALÇIN İ., ERTAN BOLELLİ T., KAYNAK ONURDAĞ F., YILDIZ İ., ARPACI Ö., AKI YALÇIN E. E., ABBASOĞLU U.

3rd International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-3), Antalya, Turkey, 16 - 21 October 2007, pp.96

CXIII. Three Dimensional Common Feature Hypotheses and 2D QSAR Studies on Some

Antimicrobiologically Active Amides against Drug Resistance Staphylococcus aureus

YILDIZ İ., ERTAN BOLELLİ T., ARPACI Ö., BOLELLİ K., AKI YALÇIN E. E., YALÇIN İ.

Fourth International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2007), Moskva, Russia, 1 - 05 September 2007, pp.52

CXIV. Molecular Modeling Studies on Some Eucaryotic Topoisomerase II Enzyme Inhibitor Fused Heterocyclic Compounds

YILDIZ İ., Alper S., ERTAN BOLELLİ T., ARPACI Ö., TEKİNER GÜLBAŞ P. B., AKI YALÇIN E. E., YALÇIN İ.

6th AFMC International Medicinal Chemistry Symposium, İstanbul, Turkey, 8 - 11 July 2007, pp.15-16

CXV. Synthesis and in vitro Antibacterial Activity against Pseudomonas aeruginosa of Some Novel 2 Phenyl Benzoxazoles

ERTAN BOLELLİ T., YILDIZ İ., TEKİNER GÜLBAŞ P. B., BOLELLİ K., ARPACI Ö., Özkan S., ABBASOĞLU U.

8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Ankara, Turkey, 13 - 16 June 2006

CXVI. Eukaryotic topoisomerase I activity of some benzoxazole compounds

Pinar A., Yurdakul P., Temiz-Arpaci O., Tekiner-Gulbas B., YILDIZ İ., Aki-Sener E., Yalcin I., Ileri O., Acan N. L.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.70

CXVII. Synthesis and antibacterial activity of some 4 substituted N 2 hydroxy 5 or 6 nitrophenyl benzamide derivatives

ERTAN BOLELLİ T., YILDIZ İ., BOLELLİ K., ARPACI Ö., TEKİNER GÜLBAŞ P. B., AKI YALÇIN E. E., YALÇIN İ., ABBASOĞLU U.

International Symposium on Medicinal Chemistry Research and Development, Kuşadası, Turkey, 28 September - 01 October 2005

CXVIII. COMFA 3D QSAR Studies on benzazole derivatives as eukaryotic topoisomerase II inhibitors

YILDIZ İ., ARPACI Ö., TEKİNER GÜLBAŞ P. B., ERTAN BOLELLİ T., AKI YALÇIN E. E., YALÇIN İ.

Joint Meeting on Medicinal Chemistry, VİYANA, Austria, 20 - 23 June 2005

Expert Reports

I. Synthesis and structural elucidation of amino acetylenic and thiocarbamates derivatives for 2 mercaptobenzothiazole as antimicrobial agents

YILDIZ İ.

2016

II. E pharmacophore mapping combined with virtual screening and molecular docking to identify potent and selective inhibitors of P90 ribosomal S6 kinase RSK

YILDIZ İ.

2016

III. **Homology modeling and molecular docking studies of DNA replication licensing factor minichromosome maintenance protein 5 MCM5**

YILDIZ İ.

2015

Supported Projects

Yıldız İ., Yenice Çakmak G., Project Supported by Higher Education Institutions, hTOPO IIA ENZİM İNHİBİTÖRÜ OLABİLECEK BAZI BENZAZOL TÜREVİ BİLEŞİKLERİN IN SILICO TASARIMI SENTEZİ VE ANTİKANSER ETKİ ÇALIŞMALARI, 2023 - 2024

Yıldız İ., Yılmaz S., Yalçın Özkat G., Karagöz U., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), hTopo Iia Enzim Hedefli Yeni Bazı Antitümör Etkili Benzoksazol ve Benzimidazol Türevlerinin Geliştirilmesi, 2022 - 2024

Yıldız İ., Bal Altuntaş D., Gür Dedeoğlu B., Project Supported by Higher Education Institutions, Nanoyapı temelli İmmüno-Sitosensör Platformlarının Geliştirilmesi, 2019 - 2020

Yıldız İ., Özbek E., TUBITAK Project, Kanser Tedavisinde Sağkalım Süresinin Uzatılmasında Kullanılan Erlotinib Etkin Maddeli Ürünlerin Geliştirilmesi, 2017 - 2020

Yıldız İ., Doğru B., Project Supported by Higher Education Institutions, Bazı sülfonamid grubu taşıyan benzoksazol türevlerinin Aldoza redüktaz aktivitesi üzerine etkisi, 2016 - 2019

Yıldız İ., Gün G., TUBITAK Project, Miyelodisplastik sendromu MDS ve multipl miyeloma hastalıklarının tedavisinde kullanılan lenalidomid etkin maddeli onkoloji ilacı geliştirilmesi, 2015 - 2019

YILDIZ İ., Project Supported by Higher Education Institutions, Biyolojik Etkili Yeni Bazı Heterosiklik Bileşiklerin UPLC ile log P tayini, 2016 - 2016

ATALAY A., YILDIZ İ., Project Supported by Higher Education Institutions, Bazı Yeni Antitümör Etkili Heterosiklik Bileşiklerin Sentezi ve Moleküler Modellemesi, 2012 - 2015

YILDIZ İ., Project Supported by Higher Education Institutions, Bazı Yeni DNA Topoizomera Etkili İnhibitor Benzotiyazol Türevlerinin Sentezi, 2011 - 2015

Yıldız İ., Dinç E., Industrial Thesis Project, Liyofilize azitromisin pantoprazol ve klaritromisin flakon ürünlerinin Türkiye de imal jenerik farmasötik form ve dozlarının belirtilen ürünler için formül analitik yöntem ve proses geliştirme faaliyetlerinin yapılması, 2011 - 2013

YILDIZ İ., Project Supported by Higher Education Institutions, Benzazol Halka Sistemi Taşıyan Bazı Heterosiklik Bileşiklerin Rec, Komet ve Mikroçekirdek Yöntemleriyle Genotoksik Potansiyellerinin Araştırılması, 2009 - 2012

Yıldız İ., Diril N., TUBITAK Project, Bazı Benzazol ve Benzoksazin Türevlerinin DNA'xxya Bağlanma Aktiviteleri ve Ökaryotik DNA Topoizomera İnhibisyonu Üzerine Etkilerinin ve Etki Mekanizmalarının İncelenmesi, 2005 - 2008

YILDIZ İ., Project Supported by Higher Education Institutions, Bazı Yeni DNA Topoizomera İnhibitorü Heterosiklik Bileşiklerin Sentezi ve Bilgisayar Yardımıyla Moleküler Modellemesi, 2005 - 2008

YILDIZ İ., Project Supported by Higher Education Institutions, Antimikrobiyal Etkili Bazı Yeni 2 5 ve veya 6 Disübstitüe Heterosiklik Bazların Sentezi ve Kantitatif Yapı Etki İlişkileri Üzerine Araştırmalar, 1996 - 1999

Activities in Scientific Journals

SAR AND QSAR IN ENVIRONMENTAL RESEARCH, Committee Member, 2024 - Continues

ANKARA UNIVERSİTESİ ECZACILIK FAKÜLTESİ DERGİSİ, First Editor, 2017 - Continues

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, Assistant Editor/Section Editor, 2002 - 2017

Memberships / Tasks in Scientific Organizations

Paul Ehrlich MedChem Euro PhD Network, Member, 2022 - Continues, Italy

European Association for Cancer Research (EACR), Member, 2018 - Continues, England
Türk Farmasötik ve Medisinal Kimya Derneği, Vice President, 2017 - 2019, Turkey

Scientific Refereeing

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, National Scientific Refreed Journal, August 2024
BIOORGANIC CHEMISTRY, SCI Journal, August 2024
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, SCI Journal, July 2024
INORGANIC CHEMISTRY COMMUNICATION, SCI Journal, July 2024
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, National Scientific Refreed Journal, July 2024
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, July 2024
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, June 2024
BIOORGANIC CHEMISTRY, SCI Journal, June 2024
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, June 2024
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, May 2024
COMPUTERS IN BIOLOGY AND MEDICINE, SCI Journal, May 2024
BIOORGANIC CHEMISTRY, SCI Journal, May 2024
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2024
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2024
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2024
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2024
COMPUTERS IN BIOLOGY AND MEDICINE, SCI Journal, May 2024
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, SCI Journal, April 2024
BIOORGANIC CHEMISTRY, SCI Journal, April 2024
BIOORGANIC CHEMISTRY, SCI Journal, March 2024
HELIYON, SCI Journal, March 2024
SPECTROCHIMICA ACTA - PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, SCI Journal, March 2024
JOURNAL OF COMPUTATIONAL BIOPHYSICS AND CHEMISTRY, SCI Journal, March 2024
BIOORGANIC CHEMISTRY, SCI Journal, March 2024
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, February 2024
SCIENTIFIC REPORTS, SCI Journal, February 2024
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, February 2024
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, February 2024
BIOORGANIC CHEMISTRY, SCI Journal, February 2024
JOURNAL OF ADVANCED RESEARCH, SCI Journal, January 2024
Fundamental Research, Journal Indexed in ESCI, January 2024
CHEMICAL PHYSICS, National Scientific Refreed Journal, December 2023
BIOORGANIC CHEMISTRY, SCI Journal, November 2023
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, November 2023
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, SCI Journal, October 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, September 2023
KOSGEB, KOSGEB, Turkey, September 2023
KOSGEB, KOSGEB, Turkey, September 2023
KOSGEB, KOSGEB, Turkey, August 2023
MINI-REVIEWS IN MEDICINAL CHEMISTRY, SCI Journal, July 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, July 2023
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, July 2023
LETTERS IN DRUG DESIGN AND DISCOVERY, SCI Journal, June 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, June 2023
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, June 2023

MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2023
MEDICINAL CHEMISTRY RESEARCH, SCI Journal, May 2023
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2023
MONATSHEFTE FÜR CHEMIE, SCI Journal, April 2023
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, SCI Journal, April 2023
BIOORGANIC CHEMISTRY, SCI Journal, April 2023
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, April 2023
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, SCI Journal, March 2023
BIOORGANIC CHEMISTRY, SCI Journal, March 2023
BIOPHYSICAL CHEMISTRY, SCI Journal, March 2023
BIOORGANIC CHEMISTRY, SCI Journal, February 2023
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, February 2023
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, SCI Journal, February 2023
BIOORGANIC CHEMISTRY, SCI Journal, January 2023
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, December 2022
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, December 2022
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, December 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, October 2022
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, September 2022
BIOORGANIC CHEMISTRY, SCI Journal, September 2022
BIOORGANIC CHEMISTRY, SCI Journal, August 2022
JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, August 2022
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, August 2022
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, July 2022
BIOORGANIC CHEMISTRY, SCI Journal, July 2022
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, Journal Indexed in SCI-E, July 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, June 2022
Project Supported by Higher Education Institutions, BAP Research Project, Selcuk University, Turkey, June 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, June 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, June 2022
Project Supported by Higher Education Institutions, BAP Research Project, Erzurum Technical University, Turkey, June 2022
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2022
MONATSHEFTE FÜR CHEMIE, SCI Journal, May 2022
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, SCI Journal, May 2022
BIOORGANIC CHEMISTRY, SCI Journal, May 2022
TUBITAK Project, 2210-c Domestic Priority Areas Graduate Scholarship Program , TÜBİTAK, Turkey, May 2022
Monatshefte für Chemie - Chemical Monthly, SCI Journal, April 2022
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, April 2022
Monatshefte für Chemie - Chemical Monthly, SCI Journal, April 2022
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, April 2022
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, April 2022
MONATSHEFTE FÜR CHEMIE, SCI Journal, April 2022

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, April 2022
Chemical Data Collections, SCI Journal, March 2022
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, March 2022
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, SCI Journal, March 2022
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, February 2022
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, February 2022
BIOORGANIC CHEMISTRY, SCI Journal, February 2022
BIOORGANIC CHEMISTRY, SCI Journal, February 2022
Chemical Data Collections, SCI Journal, February 2022
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, January 2022
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, January 2022
BIOORGANIC CHEMISTRY, SCI Journal, January 2022

Tasks In Event Organizations

Eryilmaz M., KILIÇ KURT Z., YILDIZ İ., 14th International Symposium on Pharmaceutical Sciences (ISOPS), Scientific Congress, Turkey, Haziran 2024
Yıldız İ., 10. International Drug Chemistry Conference, Scientific Congress, Antalya, Turkey, Mart 2022
Yıldız İ., 9th International Drug Chemistry Conference, Scientific Congress, Antalya, Turkey, Nisan 2021
Yıldız İ., 8. International Drug Chemistry Conference, Scientific Congress, Antalya, Turkey, Mart 2020
Yıldız İ., 7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Scientific Congress, Antalya, Turkey, Mart 2019
Yıldız İ., Second International Conference On new Trends In Chemometrics and Applications, Scientific Congress, Antalya, Turkey, Ekim 2013

Metrics

Publication: 241
Citation (WoS): 2813
Citation (Scopus): 2957
H-Index (WoS): 33
H-Index (Scopus): 34

Congress and Symposium Activities

6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem2023), Attendee, Ankara, Turkey, 2023
Euroqsar2022 23rd European on Quantitative Structure-Activity Relationship Integrative Data-Intensive Approaches to Drug Design, Attendee, Heidelberg, Germany, 2022
Eurosian Congress on Molecular Biotechnology, Attendee, Trabzon, Turkey, 2019

Scholarships

DFT studies on Taxol Biosynthesis and Molecular modelling of NMDA Antagonists, University, 2001 - 2002
DFT studies on Taxol Biosynthesis and Molecular modelling of NMDA Antagonists, TUBITAK, 2000 - 2001

Awards

Yıldız İ., Foto E., Yalçın Özkat G., Zilifdar Foto F., Ertan Bolelli T., Poster ödülü / Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Atatürk Üniversitesi, April 2017

Yıldız İ., Ertan Bolelli T., Poster ödülü, Second International Conference On New Trends In Chemometrics And Applications, October 2013

Yıldız İ., Science award, Toprak İlaç, June 1996