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Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Türkiye 1992 - 1998
Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl) (Tezli), Türkiye 1989 - 1991
Lisans, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Türkiye 1985 - 1989

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, 582-furilkarboksamido)-5(2-tiyenilkarboksamido)-5(benzamido ve 5-fenilasetamido 2-fenilbenzoksazol türevlerinin sentezi, yapılarının aydınlatılması, antimikrobiyal etkileri ve kantitatif yapı-etki ilişkileri analizleri, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 1998
Yüksek Lisans, 5-metil-2- (p-sübstitüebenzil) benzoksazol türevlerinin sentez, yapı aydınlatması ve mikrobiyolojik etkileri, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl) (Tezli), 1991

Araştırma Alanları

Sağlık Bilimleri

Akademik Unvanlar / Görevler

Prof.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - Devam Ediyor
Doç.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2003 - 2009
Yrd.Doç.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000 - 2003
Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1990 - 2000

Verdiği Dersler

FARMASÖTİK KİMYA I, Lisans, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
uv, Yüksek Lisans, 2013 - 2014, 2012 - 2013
peptidler ve fizikokimyasal özellikleri, Yüksek Lisans, 2013 - 2014
FARMASÖTİK VE MEDİSİNAL KİMYADA İLERİ KONULAR, Yüksek Lisans, 2013 - 2014
medisinal kimya yönü ile biyoteknoloji, Yüksek Lisans, 2013 - 2014
FARMAKOPE ANALİZLERİ, Yüksek Lisans, 2013 - 2014
ORTAM OPTİMİZASYONU, Doktora, 2013 - 2014
heterosiklik bileşikler, Yüksek Lisans, 2013 - 2014
nükleozit analoğu bileşikler, Yüksek Lisans, 2013 - 2014
ORGANİK KİMYA II, Lisans, 2012 - 2013
FARMASÖTİK KİMYA, Lisans, 2012 - 2013
medisinal kimyada ileri konular, Doktora, 2012 - 2013
kimyasal adlandırma, Yüksek Lisans, 2012 - 2013
IR, Yüksek Lisans, 2012 - 2013
kalitatif kantitatif ilaç analizleri, Yüksek Lisans, 2012 - 2013
ileri organik kimyada reaksiyon mekanizmaları, Doktora, 2012 - 2013
ORGANİK KİMYA 1, Lisans, 2011 - 2012
ORGANIK KIMYA I-II, Lisans, 2010 - 2011
FARMASÖTİK KİMYA IV, Lisans, 2009 - 2010, 2008 - 2009

Yönetilen Tezler

ARPACI Ö., Bazı yeni heterosiklik bileşiklerin sentez, yapı aydınlatmaları ve antimikrobiyal etki çalışmaları, Doktora, M.EROL(Öğrenci), 2018
ARPACI Ö., Yeni 2,5-disübstitüebenzoksazol türevlerinin sentezi, yapılarının aydınlatılması, antimikrobiyal etkileri ve moleküler modelleme çalışmaları, Doktora, M.ARISOY(Öğrenci), 2013
ARPACI Ö., Yeni 2-(p-Sübstitüebenzil)-5-(2-Sübstitüeasetamido)benzoksazol türevlerinin sentezi, yapılarının aydınlatılması, mikrobiyolojik etkileri ve kantitatif yapı-etki ilişkileri çalışmaları, Yüksek Lisans, M.ARISOY(Öğrenci), 2007

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Evaluation of Mutagenic Activities of Antimicrobial Benzoxazole Derivatives**
Aydogan Z., Foto F. Z., FOTO E., ARPACI Ö., DİRİL N.
PHARMACEUTICAL CHEMISTRY JOURNAL, cilt.56, ss.1192-1198, 2022 (SCI-Expanded)

II. **Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies**
ÇELİK İ., EROL M., ARPACI Ö., Senol F., ERDOĞAN ORHAN İ.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.42, sa.2, ss.412-423, 2022 (SCI-Expanded)

III. **Synthesis, quantum mechanical calculations, antimicrobial activities and molecular docking studies of five novel 2,5-disubstituted benzoxazole derivatives**
Temiz-Arpaci Ö., Zeyrek C. T., Arisoy M., EROL M., Celik I., KAYNAK ONURDAĞ F.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1245, 2021 (SCI-Expanded)

IV. **DFT, docking, MD simulation, and vibrational spectra with SERS analysis of a benzoxazole derivative: an anti-cancerous drug**
Sheena Mary Y., Shyma Mary Y., Temiz-Arpaci Ö., Yadav R., ÇELİK İ.
CHEMICAL PAPERS, cilt.75, sa.8, ss.4269-4284, 2021 (SCI-Expanded)

V. **Synthesis, antimicrobial activity, density functional modelling and molecular docking with COVID-19 main protease studies of benzoxazole derivative: 2-(p-chloro-benzyl)-5-[3-(4-ethly-1-piperazynl)**

propionamido]-benzoxazole
Zeyrek C. T., ARPACI Ö., Arisoy M., KAYNAK ONURDAĞ F.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1237, 2021 (SCI-Expanded)

VI. **Design, synthesis, molecular docking, density functional theory and antimicrobial studies of some novel benzoxazole derivatives as structural bioisosteres of nucleotides**
EROL M., ÇELİK İ., Temiz-Arpaci Ö., KAYNAK ONURDAĞ F., ÖKTEN S.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.39, sa.9, ss.3080-3091, 2021 (SCI-Expanded)

VII. **1H-Benzimidazole-5-carboxamidine derivatives: design, synthesis, molecular docking, DFT and antimicrobial studies**
EROL M., ÇELİK İ., Temiz-Arpaci Ö., GÖKER A. H., KAYNAK ONURDAĞ F., ÖKTEN S.
NEW JOURNAL OF CHEMISTRY, cilt.44, sa.48, ss.21309-21317, 2020 (SCI-Expanded)

VIII. **Synthesis, molecular docking and ADME prediction of some new benzimidazole carboxamidines derivatives as antimicrobial agents**
EROL M., ÇELİK İ., Temiz-Arpaci Ö., GÖKER A. H., Kaynak-Onurdag F., Okten S.
MEDICINAL CHEMISTRY RESEARCH, cilt.29, sa.11, ss.2028-2038, 2020 (SCI-Expanded)

IX. **Spectroscopic Properties and Theoretical Studies of 5-Ethylsulphonyl-2-Phenyl-Benzoxazol: Relation Between the Frontier Molecular Orbitals and Optical Properties**
Zeyrek C. T., Unver H., ARPACI Ö., BOYACIOĞLU B., Elmali A.
JOURNAL OF STRUCTURAL CHEMISTRY, cilt.60, sa.2, ss.241-254, 2019 (SCI-Expanded)

X. **Spectroscopic, antimicrobial and computational study of novel benzoxazole derivative**
Beegum S., Mary S. Y., Panicker Y., Armakovic S., Armakovic S. J., Arisoy M., ARPACI Ö., Van Alsenoy C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1176, ss.881-894, 2019 (SCI-Expanded)

XI. **Synthesis and antimicrobial evaluation of novel 5-substituted-2-(p-tert-butylphenyl)benzoxazoles**
Tasci M., Temiz-Arpaci Ö., KAYNAK ONURDAĞ F., ÖKTEN S.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, cilt.57, sa.3, ss.385-389, 2018 (SCI-Expanded)

XII. **Vibrational spectroscopic investigations and molecular docking studies of biologically active 2-[4-(4-phenylbutanamido)phenyl]-5-ethylsulphonyl-benzoxazole**
Jalaja K., Al-Alshaikh M. A., Mary Y. S., Panicker C. Y., El-Emarn A. A., ARPACI Ö., Van Alsenoy C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1148, ss.119-133, 2017 (SCI-Expanded)

XIII. **Spectroscopic, quantum mechanical and molecular docking studies of a new benzoxazole compound with an oxidoreductase enzyme and DNA**
Zeyrek C. T., BOYACIOĞLU B., ARPACI Ö., ÜNVER H., ELMALI A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1136, ss.112-126, 2017 (SCI-Expanded)

XIV. **Synthesis, vibrational spectroscopic investigations, molecular docking, antibacterial studies and molecular dynamics study of 5-[(4-nitrophenyl)acetamido]-2-(4-tert-butylphenyl)benzoxazole**
Mary Y. S., Al-Shehri M. M., Jalaja K., Al-Omary F. A. M., El-Emam A. A., Panicker C. Y., Armakovic S., Armakovic S. J., ARPACI Ö., Van Alsenoy C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1133, ss.557-573, 2017 (SCI-Expanded)

XV. **Reactive, spectroscopic and antimicrobial assessments of 5-[(4-methylphenyl) acetamido]-2-(4-tert-butylphenyl)benzoxazole: Combined experimental and computational study**
Mary Y. S., Alzoman N. Z., Menon V. V., Al-Abdullah E. S., El-Emam A. A., Panicker C. Y., ARPACI Ö., Armakovic S., Armakovic S. J., Van Alsenoy C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1128, ss.694-706, 2017 (SCI-Expanded)

XVI. **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**
ARPACI Ö., Arisoy M., Sac D., DOĞANÇ F., Tasci M., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.71, sa.11-12, ss.409-413, 2016 (SCI-Expanded)

XVII. **Synthesis, vibrational spectroscopic investigations, molecular docking, antibacterial and antimicrobial studies of 5-ethylsulphonyl-2-(p-aminophenyl)benzoxazole**

Parveen S. S., Al-Alshaikh M. A., Panicker C. Y., El-Emam A. A., Arisoy M., ARPACI Ö., Van Alsenoy C.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1115, ss.94-104, 2016 (SCI-Expanded)

XVIII. **SYNTHESIS AND ANTIMICROBIAL EVALUATION OF SOME NOVEL SULFONYLAMIDO-BENZOXAZOLES**
ARPACI Ö., Doganc F., Sac D., Sari E., KAYNAK ONURDAĞ F., ÖKTEN S.
ACTA BIOLOGICA HUNGARICA, cilt.67, sa.1, ss.75-84, 2016 (SCI-Expanded)

XIX. **Synthesis of some piperazinobenzoxazole derivatives and their antimicrobial properties**
Arisoy M., ARPACI Ö., KAYNAK ONURDAĞ F., Ozgen S.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, cilt.55, sa.2, ss.240-247, 2016 (SCI-Expanded)

XX. **Experimental and theoretical characterization of the 2-(4-bromobenzyl)-5-ethylsulphonyl-1,3-benzoxazole**
Zeyrek C. T., ÜNVER H., ARPACI Ö., POLAT K., OCAK İSKELELİ N., YILDIZ M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1081, ss.22-37, 2015 (SCI-Expanded)

XXI. **Synthesis and Antimicrobial Evaluation of 2-(p-Substituted Phenyl)-5-[(4-substituted piperazin-1-yl)acetamido]-benzoxazoles**
Arisoy M., ARPACI Ö., KAYNAK ONURDAĞ F., Ozgen S.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.69, sa.9-10, ss.368-374, 2014 (SCI-Expanded)

XXII. **Synthesis, FT-IR investigation and computational study of 5-[(4-Bromophenyl)acetamido]-2-(4-tert-butylphenyl) benzoxazole**
Bhagyasree J. B., Samuel J., Varghese H. T., Panicker C. Y., Arisoy M., ARPACI Ö.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.115, ss.79-91, 2013 (SCI-Expanded)

XXIII. **Novel Benzoxazoles: Synthesis and Antibacterial, Antifungal, and Antitubercular Activity against Antibiotic-Resistant and -Sensitive Microbes**
Arisoy M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.68, sa.11-12, ss.453-460, 2013 (SCI-Expanded)

XXIV. **SYNTHESIS AND DIFFERENT BIOLOGICAL ACTIVITIES OF NOVEL BENZOXAZOLES**
ARPACI Ö., Goztepe B. E. C., Kaynak-Onurdag F., Ozgen S., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ.
ACTA BIOLOGICA HUNGARICA, cilt.64, sa.2, ss.249-261, 2013 (SCI-Expanded)

XXV. **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, cilt.96, ss.617-625, 2012 (SCI-Expanded)

XXVI. **Synthesis and Antimicrobial Activity of Novel Benzoxazoles**
Arisoy M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.67, sa.9-10, ss.466-472, 2012 (SCI-Expanded)

XXVII. **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, cilt.19, 2010 (SCI-Expanded)

XXVIII. **DNA-TOPOISOMERASE INHIBITORY ACTIVITY OF SOME HETEROCYCLIC COMPOUNDS AND THEIR STRUCTURE-ACTIVITY RELATIONSHIPS**
Aki E., Yalcin I., YILDIZ İ., Temiz-Arpaci Ö., BOLELLİ K., ERTAN BOLELLİ T.
MEDICINAL CHEMISTRY RESEARCH, cilt.19, 2010 (SCI-Expanded)

XXIX. **IR, Raman and SERS spectra of 2-phenoxymethylbenzothiazole**
Panicker C. Y., Varghese H. T., Raj A., Raju K., ERTAN BOLELLİ T., YILDIZ İ., ARPACI Ö., Granadeiro C. M., Nogueira H. I. S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.74, sa.1, ss.132-139, 2009

(SCI-Expanded)

XXX. **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, cilt.44, sa.2, ss.501-510, 2009 (SCI-Expanded)

XXXI. **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, cilt.43, sa.11, ss.2568-2578, 2008 (SCI-Expanded)

XXXII. **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, cilt.71, sa.2, ss.566-571, 2008 (SCI-Expanded)

XXXIII. **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, cilt.43, sa.7, ss.1423-1431, 2008 (SCI-Expanded)

XXXIV. **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, cilt.69, sa.3, ss.782-788, 2008 (SCI-Expanded)

XXXV. **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, cilt.23, sa.1, ss.37-42, 2008 (SCI-Expanded)

XXXVI. **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, cilt.19, sa.5-6, ss.589-612, 2008 (SCI-Expanded)

XXXVII. **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, cilt.19, sa.1-2, ss.101-113, 2008 (SCI-Expanded)

XXXVIII. **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, cilt.42, sa.10, ss.1293-1299, 2007 (SCI-Expanded)

XXXIX. **Molecular modelling studies on some eukaruotic 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, cilt.32, ss.15-16, 2007 (SCI-Expanded)

XL. **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, cilt.32, ss.127-128, 2007 (SCI-Expanded)

XLI. **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, cilt.67, sa.3-4, ss.744-749, 2007 (SCI-Expanded)

XLII. **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, cilt.15, sa.5, ss.2032-2044, 2007 (SCI-Expanded)

XLIII. **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, cilt.18, sa.3-4, ss.251-263, 2007 (SCI-Expanded)

XLIV. **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, cilt.16, sa.1, ss.1-14, 2007 (SCI-Expanded)

XLV. **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, cilt.41, sa.12, ss.1398-1404, 2006 (SCI-Expanded)

XLVI. **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, cilt.17, sa.2, ss.121-132, 2006 (SCI-Expanded)

XLVII. **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, cilt.57, sa.2, ss.201-209, 2006 (SCI-Expanded)

XLVIII. **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, cilt.13, sa.23, ss.6354-6359, 2005 (SCI-Expanded)

XLIX. **Induction of apoptosis and necrosis by resistance modifiers benzazoles and benzoxazines on tumour cell line mouse lymphoma L5718 mdr+cells**
Varga A., Aki-Sener E., Yalcin I., ARPACI Ö., Tekiner-Gulbas B., Cherepnev G., Molnar J.
IN VIVO, cilt.19, sa.6, ss.1087-1091, 2005 (SCI-Expanded)

L. **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, cilt.337, sa.7, ss.402-410, 2004 (SCI-Expanded)

LI. **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, cilt.16, sa.3-4, ss.1359-1366, 2004 (SCI-Expanded)

LII. **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, cilt.317, sa.2, ss.670-674, 2004 (SCI-Expanded)

LIII. **A target site for template-based design of measles virus entry inhibitors**
Plemper 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, cilt.101, sa.15, ss.5628-5633, 2004 (SCI-Expanded)

LIV. **Some new bi- and ter-benzimidazole derivatives as topoisomerase I inhibitors**
Alper S., ARPACI Ö., Şener Aki E., Yalçin I.
Farmaco, cilt.58, sa.7, ss.497-507, 2003 (SCI-Expanded)

LV. **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, cilt.53, sa.4, ss.266-271, 2003 (SCI-Expanded)

LVI. **Synthesis and antimicrobial activity of some 2-[p-substituted-phenyl]benzoxazol-5-yl-arylcarboxyamides**
ARPACI Ö., Aki-Sener E., Yalcin I., Altanlar N.
ARCHIV DER PHARMAZIE, cilt.335, sa.6, ss.283-288, 2002 (SCI-Expanded)

LVII. **QSARs of some 5- or 6-methyl-2-substituted benzoxazoles/benzimidazoles against Candida albicans**
ARPACI Ö.
Turkish Journal of Medical Sciences, cilt.31, sa.6, ss.493-497, 2001 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **NEW SULFONAMIDO-BENZOXAZOLE DERIVATIVES AS ANTIMICROBIAL AGENTS: DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION ANTİMİKROBİYAL AJAN OLARAK YENİ SÜLFONAMİDO-BENZOKSAZOL TÜREVLERİ: TASARIM, SENTEZ VE BİYOLOJİK DEĞERLENDİRME**
EROL M., Acar-Halici C., Kuyucuklu G., Salan A. S., ARPACI Ö.
Ankara Universitesi Eczacilik Fakultesi Dergisi, cilt.48, sa.1, 2024 (Scopus)

II. **Anticancer effects of a newly-synthesized benzoxazole-derived 5-amino-2-[P-bromophenyl]-benzoxazole in breast cancer cell lines**
KOSOVA F., ARPACI Ö., TUĞLU M. İ., ÖLMEZ E., ÖZDAL KURT F., KISMALI G., ARI Z., ARISOY M.
Medicine Science, cilt.11, sa.2, ss.825-830, 2022 (Hakemli Dergi)

III. **Investigation of the effect on prostate cancer purine base analog of the newly developed compound**
TEMELTAŞ G., KOSOVA F., ARPACI Ö., TUĞLU M. İ.
Medicine Science, cilt.9, sa.4, ss.823-4, 2020 (Hakemli Dergi)

IV. **Synthesis and the effect of a novel benzoxazole compound on breast cancer cell line**
KOSOVA F., ARPACI Ö., ÖLMEZ E., TUĞLU M. İ.
Medicine Science International Medical Journal, sa.0, ss.186-191, 2019 (Hakemli Dergi)

V. **Molecular modelling studies of some benzoxazole derivatives Bazi benzoksazol türevlerinin moleküler modelleme çalişmalari**
Arisoy M., ARPACI Ö.
Ankara Universitesi Eczacilik Fakultesi Dergisi, cilt.40, sa.1, ss.1-15, 2016 (Scopus)

VI. **FT IR NBO MEP HOMO LUMO analysis and molecular docking study of 5 4 butylbenzamido 2 4 tert butylphenyl benzoxazole**
bhagyasree j. b., varghese h. t., panicker y., arısoy m., TEMİZ ARPACI Ö., jadi s.
science letters journal, cilt.4, ss.171-176, 2015 (Hakemli Dergi)

VII. **Antimycobacterial properties of some 2,5-disubstituted-benzoxazole derivatives**
Arisoy M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.
Ankara Universitesi Eczacilik Fakultesi Dergisi, cilt.39, sa.2, ss.155-162, 2010 (Scopus)

VIII. **A new benzoxazole compound as antimicrobial agent Antimikrobiyal etkili yeni bir benzoksazol bileşiği**
ARPACI Ö., Kaynak-Onurdağ F.
Ankara Universitesi Eczacilik Fakultesi Dergisi, cilt.35, sa.3, ss.189-196, 2006 (Scopus)

IX. **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 Eczacilik Fakultesi Dergisi, cilt.31, sa.2, ss.73-82, 2002 (Hakemli Dergi)

X. **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, cilt.31, sa.1, ss.21-32, 2002 (Hakemli Dergi)

XI. **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., Akın A., Uçartürk N.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, cilt.24, sa.1, ss.10-20, 1995 (Scopus)

Kitap & Kitap Bölümleri

I. **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., Kılcıgil G., Tunçbilek M., Süzen S., Arpacı Ö., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018

II. **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

III. **Farmasötik Kimya Pratikleri 1-2**
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., TUNÇBİLEK M., KILCIGİL G., SÜZEN S., ARPACI Ö., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018

IV. **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

V. **Farmasötik Kimya Pratikleri 3-4**
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., TUNÇBİLEK M., KILCIGİL G., SÜZEN S., ARPACI Ö., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018

VI. **Concepts: Computational Tools and Biological Applications**
YALÇIN İ., AKI YALÇIN E. E., ÖREN İ., ARPACI Ö.
QSAR and Molecular Modelling, Sanz F., Giraldo J, Manaut F, Editör, Prous Science Publishers, ss.147-151, 1995

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **The Effects of Benzoxasol Derivate Compounds in Breast Cancer Cells**
KOSOVA F., ARPACI Ö., ÖLMEZ E., TUĞLU M. İ.
NPCPT 2017, 8 - 11 Kasım 2017

II. **THE EFFECTS OF HETEROCYCLIC COMPOUNDS ON BREAST CANCER CELL LİNE**
KOSOVA F., ARPACI Ö., TUĞLU M. İ., ÖLMEZ E., ÖZDAL KURT F., ARI Z.
IFCC worldlab 2017, 22 - 25 Ekim 2017, cilt.55, ss.1269-1297

III. **Synthesis of some novel biologically effective benzimidazole derivatives**
EROL M., ARPACI Ö., GÖKER A. H.
GPSS 2017, 11 - 13 Ekim 2017

IV. **SYNTHESIS OF SOME N-(2-(4-(TERT-BUTYL)PHENYL)BENZO[D]OXAZOL-5-YL)-P-SUBSTITUTED BENZENESULFONAMIDES**
ACAR C., ARPACI Ö.
2nd International Gazi Pharma Symposium Series, Ankara, Türkiye, 11 - 13 Ekim 2017

V. **Antimicrobial evaluation of some heterocyclic compounds**
EROL M., ARPACI Ö., KAYNAK ONURDAĞ F., ÖKTEN S.
GPSS 2017, Ankara, Türkiye, 11 - 13 Ekim 2017

VI. **Synthesis and Biological evaluation of some benzoxazole derivatives as inhibitors of acetylcholinesterase / butyrylcholinesterase and tyrosinase" ICPPS 2017: 19 th International conference on pharmacy and pharmaceutical sciences,**
ARPACI Ö., tasci m., senol f. s., orhan i. e.
ICPPS 2017, Londrina, Brezilya, 21 - 22 Eylül 2017

VII. **Synthesis, characterization, molecular docking, biological activity, and DFT studies of a new**

benzoxazole ligand
Zeyrek C. T., ARPACI Ö., ÜNVER H., BOYACIOĞLU B., ELMALI A.
PACCON 2017 Pure and Applied Chemistry International Conference, 2 - 03 Şubat 2017

VIII. **experimental DFT biological activity and molecular docking studies of 5 ethylsulphonyl 2 phenyl benzoxazole**
zeyrek c. t., ÜNVER H., ARPACI Ö., BOYACIOĞLU B., ELMALI A.
Nanotechnology and nanomaterials, 24 - 27 Ağustos 2016

IX. **The effects of specific heterocyclic compounds on angiogenesis and apoptosis factors in cancer cells**
KOSOVA F., ARPACI Ö., TUĞLU M. İ., ÖLMEZ E., ÖZDAL KURT F., KISMALI G., ARI Z., ARISOY M.
10th Annual meeting, cancer research, 16 - 20 Nisan 2016

X. **evaluation of mutagenic and antimutagenic activities of some biological active benzoxazoles in the ames test**
ARPACI Ö., SOYSAL Z., DİRİL N.
18 th İNTERNATİONAL CONFERENCE ON PHARMACOLOGİCAL SCIENCES, 25 - 26 Şubat 2016

XI. **Synthesis of some 5 substituted 2 p tert butylphenyl benzoxazoles**
TAŞCI M., ARPACI Ö.
SCT, 23rd young research fellow meeting, 15 - 17 Şubat 2016

XII. **novel structure analysıs of some new synthesızed antımıcrobıal benzoxazoles**
ARISOY M., TEMİZ ARPACI Ö., SELDA Ö., FATMA K. O.
RPDA 2015, 28 Haziran - 01 Temmuz 2015

XIII. **Synthesis of Some Biologically Effective 2 5 Disubstituted Benzoxazoles**
TEMİZ ARPACI Ö., MERYEM T.
ISOPs 2015, 9-12 June, Ankara, Turkey, P 219., 9 - 12 Haziran 2015

XIV. **Synthesis and Antimicrobial Evaluation of 2 p Substituted Phenyl 5 4 substitutedphenyl sulfonylamido benzoxazoles**
TEMİZ ARPACI Ö., FATMA D., SAÇ D., ELMAS S., KAYNAK ONURDAĞ F., ÖKTEN S.
ISOPs 2015, 9-12 June, Ankara, Turkey, 9 - 12 Haziran 2015

XV. **Synthesis and Antimicrobial Evaluation of 2 p Substituted Phenyl 5 4 substitutedphenyl sulfonylamido benzoxazoles**
ARPACI Ö., DOĞANÇ F., saç d., elmas s., KAYNAK ONURDAĞ F., okten s.
International Symposiom on Pharmaceutical Sciences, Ankara, Türkiye, 11 - 13 Haziran 2015

XVI. **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, Kanada, 17 - 21 Şubat 2010, cilt.16

XVII. **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, Macaristan, 8 - 11 Eylül 2008, ss.135

XVIII. **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, Türkiye, 4 - 08 Temmuz 2009

XIX. **Synthesis Structure Elucidation and Microbiological Activity of Some New 2 4 4 Substitutedbenzamido 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 Chemsitry (IMMPC-3), Antalya, Türkiye, 16 - 21 Ekim 2007

XX. **Synhtesis Structure Elucidation and Microbiological Activity of Some New 2 4 4 Substitutedbenzamido 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, Türkiye, 16 - 21 Ekim 2007, ss.96

XXI. **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, Rusya, 1 - 05 Eylül 2007, ss.52

XXII. **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, Türkiye, 8 - 11 Temmuz 2007, ss.15-16

XXIII. **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, Türkiye, 13 - 16 Haziran 2006

XXIV. **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, Türkiye, 28 Eylül - 01 Ekim 2005

XXV. **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, Avusturya, 20 - 23 Haziran 2005

Metrikler

Yayın: 100
Atıf (WoS): 1520
Atıf (Scopus): 1696
H-İndeks (WoS): 23
H-İndeks (Scopus): 23