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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 (YI) (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

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Araştırma Alanları

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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 analogu 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
ORGANİK KİMYA I-II, Lisans, 2010 - 2011
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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Benzimidazole and Benzoxazole Derivatives Against Alzheimer's Disease**
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- II. **Novel Sulfonylamido Benzoxazole Derivatives: Synthesis, Characterisation, Molecular Docking, DFT, and Antimicrobial Activity Investigations**
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- IV. **Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies**
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- V. **Synthesis, quantum mechanical calculations, antimicrobial activities and molecular docking studies of five novel 2,5-disubstituted benzoxazole derivatives**
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- VI. **DFT, docking, MD simulation, and vibrational spectra with SERS analysis of a benzoxazole derivative: an anti-cancerous drug**
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- VII. **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-ethyl-1-piperazynl) propionamido]-benzoxazole**
Zeyrek C. T., ARPACI Ö., Arisoy M., KAYNAK ONURDAĞ F.
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- VIII. **Design, synthesis, molecular docking, density functional theory and antimicrobial studies of some novel benzoxazole derivatives as structural bioisosteres of nucleotides**
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- IX. **1H-Benzimidazole-5-carboxamide derivatives: design, synthesis, molecular docking, DFT and antimicrobial studies**
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- XI. **Spectroscopic Properties and Theoretical Studies of 5-Ethylsulphonyl-2-Phenyl-Benzoxazol: Relation Between the Frontier Molecular Orbitals and Optical Properties**
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- XII. **Spectroscopic, antimicrobial and computational study of novel benzoxazole derivative**
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- XIII. **Synthesis and antimicrobial evaluation of novel 5-substituted-2-(p-tert-butylphenyl)benzoxazoles**
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- XIV. **Vibrational spectroscopic investigations and molecular docking studies of biologically active 2-[4-(4-phenylbutanamido)phenyl]-5-ethylsulphonyl-benzoxazole**
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- XVI. **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.
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- XVII. **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.
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- XVIII. **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**
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- XIX. **Synthesis, vibrational spectroscopic investigations, molecular docking, antibacterial and antimicrobial studies of 5-ethylsulphonyl-2-(p-aminophenyl)benzoxazole**
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- XX. **SYNTHESIS AND ANTIMICROBIAL EVALUATION OF SOME NOVEL SULFONYLAMIDO-BENZOXAZOLES**
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- XXI. **Synthesis of some piperazinobenzoxazole derivatives and their antimicrobial properties**
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- XXII. **Experimental and theoretical characterization of the 2-(4-bromobenzyl)-5-ethylsulphonyl-1,3-benzoxazole**
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- XXIII. **Synthesis and Antimicrobial Evaluation of 2-(p-Substituted Phenyl)-5-[(4-substituted piperazin-1-yl)acetamido]-benzoxazoles**
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- XXIV. **Novel Benzoxazoles: Synthesis and Antibacterial, Antifungal, and Antitubercular Activity against Antibiotic-Resistant and -Sensitive Microbes**
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- XXV. **Synthesis, FT-IR investigation and computational study of 5-[(4-Bromophenyl)acetamido]-2-(4-tert-butylphenyl) benzoxazole**
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- XXVI. **SYNTHESIS AND DIFFERENT BIOLOGICAL ACTIVITIES OF NOVEL BENZOXAZOLES**
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- XXVII. **FT-IR, FT-Raman, SERS and computational study of 5-ethylsulphonyl-2-(o-chlorobenzyl)benzoxazole**
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- XXVIII. **Synthesis and Antimicrobial Activity of Novel Benzoxazoles**
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- XXX. **DNA-TOPOISOMERASE INHIBITORY ACTIVITY OF SOME HETEROCYCLIC COMPOUNDS AND THEIR**

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- XXXI. **IR, Raman and SERS spectra of 2-phenoxyethylbenzothiazole**
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- XXXVII. **Some benzoxazoles and benzimidazoles as DNA topoisomerase I and II inhibitors**
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- XL. **Synthesis and in vitro antimicrobial activity of new 2-[p-substituted-benzyl]-5-[substituted-carbonylamino]benzoxazoles**
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- XLV. **A study on the genotoxic activities of some new benzoxazoles**
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- XLVIII. **3D-QSAR study on heterocyclic topoisomerase II inhibitors using CoMSIA**
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