

Asst. Prof. MUSTAFA ARISOY

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Turkey 2007 - 2013

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Turkey 2005 - 2007

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2001 - 2005

Dissertations

Doctorate, Yeni 2,5-disübstitübenzoksazol türevlerinin sentezi, yapılarının aydınlatılması, antimikrobiyal etkileri ve moleküler modelleme çalışmaları, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 2013

Postgraduate, Yeni 2-(p-Sübstitübenzil)-5-(2-Sübstitüasetamido)benzoksazol türevlerinin sentezi, yapılarının aydınlatılması, mikrobiyolojik etkileri ve kantitatif yapı-etki ilişkileri çalışmaları, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 2007

Research Areas

Pharmaceutical Chemistry

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, quantum mechanical calculations, antimicrobial activities and molecular docking studies of five novel 2,5-disubstituted benzoxazole derivatives**
ARPACI Ö., Zeyrek C. T., ARISOY M., EROL M., Celik I., Kaynak-Onurdag F.
Journal of Molecular Structure, vol.1245, 2021 (SCI-Expanded)
- II. **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., Arpacı Ö. T., ARISOY M., Onurdağ F. K.
Journal of Molecular Structure, vol.1237, 2021 (SCI-Expanded)
- III. **Spectroscopic, antimicrobial and computational study of novel benzoxazole derivative**
Beegum S., Mary Y S., Panicker C. Y., Armaković S., Armaković S. J., ARISOY M., ARPACI Ö., Van Alsenoy C.
Journal of Molecular Structure, vol.1176, pp.881-894, 2019 (SCI-Expanded)
- IV. **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 Journal of Biosciences, vol.71, no.11-12, pp.409-413, 2016 (SCI-Expanded)

- V. **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., El-Emam A. A., ARISOY M., ARPACI Ö., Van Alsenoy C.
Journal of Molecular Structure, vol.1115, pp.94-104, 2016 (SCI-Expanded)
- VI. **Synthesis of some piperazinobenzoxazole derivatives and their antimicrobial properties**
ARISOY M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.
Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry, vol.55B, no.2, pp.240-247, 2016 (SCI-Expanded)
- VII. **Synthesis and Antimicrobial Evaluation of 2-(p-Substituted Phenyl)-5-[(4-substituted piperazin-1-yl)acetamido]-benzoxazoles**
ARISOY M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.
Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.69, no.9-10, pp.368-374, 2014 (SCI-Expanded)
- VIII. **PVA/PAA-Based Antibacterial Wound Dressing Material with Aloe Vera**
Serinçay H., Özkan S., Yilmaz N., Koçyiğit S., USLU İ., Gürcan S., ARISOY M.
Polymer - Plastics Technology and Engineering, vol.52, no.13, pp.1308-1315, 2013 (SCI-Expanded)
- IX. **Synthesis, FT-IR investigation and computational study of 5-[(4-Bromophenyl)acetamido]-2-(4-tert-butylphenyl) benzoxazole**
Bhagyasree J., Samuel J., Varghese H. T., Panicker C. Y., ARISOY M., ARPACI Ö.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.115, pp.79-91, 2013 (SCI-Expanded)
- X. **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 Journal of Biosciences, vol.68 C, no.11-12, pp.453-460, 2013 (SCI-Expanded)
- XI. **Synthesis and antimicrobial activity of novel benzoxazoles**
ARISOY M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.
Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.67 C, no.9-10, pp.466-472, 2012 (SCI-Expanded)
- XII. **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., Özkan S., Kaynak F.
European Journal of Medicinal Chemistry, vol.43, no.11, pp.2568-2578, 2008 (SCI-Expanded)
- XIII. **Synthesis, antimicrobial activity and QSAR studies of 2,5-disubstituted benzoxazoles**
ARISOY M., ARPACI Ö., YILDIZ İ., Kaynak-Onurdag F., Aki E., YALÇIN İ., Abbasoglu U.
SAR and QSAR in Environmental Research, vol.19, no.5-6, pp.589-612, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development and validation of HPLC-UV method for the determination of diclofenac in human plasma with application to a pharmacokinetic study Diklofenak'ın insan plazmasından HPLC-UV ile tayin yöntemi geliştirilmesi ve validasyonu ile farmakokinetik çalışmaya uygulanması**
Arisoy G. G., Dural E., Mergen G., ARISOY M., Güvendik G., Söylemezoğlu T.
Turkish Journal of Pharmaceutical Sciences, vol.13, no.3, pp.292-299, 2016 (ESCI)
- II. **Molecular modelling studies of some benzoxazole derivatives Bazi benzoksazol türevlerinin moleküler modelleme çalışmaları**
ARISOY M., ARPACI Ö.

Ankara Universitesi Eczacilik Fakultesi Dergisi, vol.40, no.1, pp.1-15, 2016 (Scopus)

III. **Antimycobacterial properties of some 2,5-disubstituted-benzoxazole derivatives**

ARISOY M., ARPACI Ö., Kaynak-Onurdag F., Ozgen S.

Ankara Universitesi Eczacilik Fakultesi Dergisi, vol.39, no.2, pp.155-162, 2010 (Scopus)

Metrics

Publication: 16

Citation (WoS): 191

Citation (Scopus): 258

H-Index (WoS): 8

H-Index (Scopus): 10

Non Academic Experience

DROGSAN İLAÇLARI SAN. VE TİC. A.Ş.

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