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Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Edebiyat, Türkiye 2000 - 2006

Yüksek Lisans, Karadeniz Teknik Üniversitesi, Fen Edebiyat, Türkiye 1996 - 2000

Yaptığı Tezler

Yüksek Lisans, TİYOFEN TAŞIYAN YENİ 1,2,4-TRIAZOL BİLEŞİKLERİNİN SENTEZİ VE BİYOLOJİK ÖZELLİKLERİNİN İNCELENMESİ, Karadeniz Teknik Üniversitesi, Fen Bilimleri, Kimya, 2015

Yüksek Lisans, Yeni Tiyofen İçerikli 1,2,4-triazol-3(5)-on Türevlerinin Sentezi, Karakterizasyonu ve Farmakolojik Özelliklerinin İncelenmesi" 2013., Karadeniz Teknik Üniversitesi, Fen Bilimleri, Kimya, 2013

Araştırma Alanları

Kimya, Organik Kimya, Heterosiklik Bileşikler Kimyası, Organik Reaksiyon Mekanizmaları, Temel Bilimler

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Synthesis, characterization, and biological activity of novel 1,2,4-triazole moieties: Antileishmania, antimicrobial effects, and molecular docking studies**
SÜLEYMANOĞLU N., ÜNVER Y., Ustabas R., ÇELİK F., GÜLER H. İ., Direkel Ş., Bektaş K. İ.
Journal of Molecular Structure, cilt.1314, 2024 (SCI-Expanded)
- 1-(3-Methylthiophene-2-yl)-N-(3,4,5-trimethoxyphenyl)methanimine: Synthesis, Spectroscopic Characterization, Antileishmanial Activity, and DFT and In Silico Studies**
Evecen M., Çelik F., Güler H. İ., Direkel Ş., Ünver Y.
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, cilt.60, sa.9, ss.1799-1809, 2024 (SCI-Expanded)
- Synthesis and characterization of newly phthalocyanine molecules: Their enzyme inhibition and antioxidant properties, in silico and in vitro**
ÇELİK F., ÜNVER Y., OzTuncay F., Cakmak U., KOLCUOĞLU Y., Uzun K., ÖZTÜRK H., Yorulmaz N., DEĞİRMENCİOĞLU İ.
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- Imidazolium-based ionic liquids disrupt *Saccharomyces cerevisiae* cell membrane integrity**
ERGÜDEN B., Tarlak F., ÜNVER Y.
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- New 1,2,4-triazol-3-one derivatives with 4-fluorobenzene: Synthesis, characterization, DFT,**

antimicrobial-antiproliferative activities and molecular docking study

ÜNVER Y., ÇELİK F., AYDIN A., SÜLEYMANOĞLU N., USTABAŞ R., GÜLER H. İ., Bektaş K.

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- VI. **1,2,4-Triazol 4-Bromobenzenesulfonates: Synthesis, Characterization (IR, NMR), DFT, Enzym Activities, and Docking Study**
Ustabaş R., Çelik F., Süleymanoğlu N., Güler H. İ., Türkan F., Oğuz E., Ünver Y.
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, cilt.98, sa.4, ss.707-719, 2024 (SCI-Expanded)
- VII. **Benzothiophene Schiff Bases Disrupt Cytoplasmic Membrane Integrity of Gram-Positive and - Negative Bacteria Cells**
Ergüden B., Lüleci H. B., ÜNVER Y.
Russian Journal of Bioorganic Chemistry, cilt.50, sa.1, ss.128-137, 2024 (SCI-Expanded)
- VIII. **New Imidazole Derivatives: Synthesis, Spectroscopic Characterization, DFT, Biological Activities, and In Silico Study**
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Russian Journal of Physical Chemistry A, cilt.97, sa.13, ss.3037-3049, 2023 (SCI-Expanded)
- IX. **Cytotoxic Effects of Compounds with a Carbazole Scaffold on Human Brain, Gynecological, and Colon Cancer Cells**
Yalazan H., Aydın A., Çelik F., Ünver Y., Kantekin H.
CHEMISTRYSELECT, cilt.8, sa.41, 2023 (SCI-Expanded)
- X. **New Thiophene-Butanol Derivatives: Synthesis, Spectroscopic Characterization, DFT, Biological Activities and In Silico Study**
USTABAŞ R., SÜLEYMANOĞLU N., ÇELİK F., GÜLER H. İ., Bektaş K. İ., Direkel Ş., ÜNVER Y.
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- XI. **Chalcone Schiff bases disrupt cell membrane integrity of *Saccharomyces cerevisiae* and *Candida albicans* cells**
Ergüden B., Lüleci H. B., ÜNVER Y.
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- XII. **1,3-Bis((E)-(9-ethyl-9H-carbazol-3-yl)methylene)amino)propan-2-ol: Synthesis, Characterization DFT Study, and Acetylcholinesterase Inhibitory Activity**
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- XIII. **Experimental and theoretical investigations, enzyme inhibition activity and docking study of 5-methyl-4-(2-(piperazin-1-yl)ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one**
Evecen M., Çelik F., Bektaş E., Güler H. İ., Ünver Y.
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- XIV. **New Schiff Bases with Thiophene Ring: Synthesis, Biological Activities, and Molecular Docking Study**
Çelik F., İnan Bektaş K., Güler H. İ., Direkel Ş., Ünver Y.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, cilt.93, sa.2, ss.409-417, 2023 (SCI-Expanded)
- XV. **Bis-1,2,4-triazol derivatives: Synthesis, characterization, DFT, antileishmanial activity and molecular docking study**
SÜLEYMANOĞLU N., Ustabaş R., GÜLER H. İ., Direkel S., ÇELİK F., ÜNVER Y.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.13, ss.5970-5980, 2023 (SCI-Expanded)
- XVI. **New carbazol derivatives containing 1,2,4-triazole: Synthesis, characterization, DFT study, acetylcholinesterase activity and docking study**
ÜNVER Y., SÜLEYMANOĞLU N., Ustabaş R., GÜLER H. İ., Bektaş E., Bektaş K. İ., ÇELİK F.
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- XVII. **Biscarbazole Derivatives: Synthesis, Characterization, Antimicrobial and Antitumor Activity, and Molecular Docking Study**
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- XVIII. **1,2,4-Triazole derivative containing thiophen ring: Comparison of theoretical IR and NMR data with**

experimental

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- XIX. **New chalcone derivative, ethyl 2-(4-(3-(benzo[b]thiophen-2-yl)acryloyl)phenoxy)acetate: synthesis, characterization, DFT study, enzyme inhibition activities and docking study**
Çelik F., Süleymanoğlu N., Ustabas R., Türkan F., Güler H. İ., Ünver Y., Kahriman N.
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- XX. **Phenolic chalcones lead to ion leakage from Gram-positive bacteria prior to cell death**
Ergüden B., ÜNVER Y.
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- XXI. **(2E)-3-(1-benzothiophen-2-yl)-1-(4-hydroxyphenyl)prop-2-en-1-one: Synthesis, Characterization (IR, NMR and UV-Vis) DFT Study and Antimicrobial Activity**
SÜLEYMANOĞLU N., Ustabas R., Eyduran F., Direkel S., ÜNVER Y., KAHRİMAN N.
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- XXII. **Synthesis, Characterization, Antibacterial Activity, and Interfacial and Micellar Features of Novel Cationic Gemini Surfactants with Different Spacers**
Sarıkaya I., BİLGEN S., ÜNVER Y., İNAN BEKTAŞ K., Akbas H.
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- XXIII. **3-(5-(1H-imidazol-1-yl) pent-1-en-1-yl)-9-ethyl-9H-carbazole: synthesis, characterization (IR, NMR), DFT, antimicrobial-antioxidant activities and docking study**
ÜNVER Y., SÜLEYMANOĞLU N., Ustabas R., Bektas K., Bektas E., GÜLER H. İ.
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- XXIV. **1,2,3-triazole derivative: Synthesis, characterization, DFT, molecular docking study and antibacterial-antileishmanial activities**
ÇELİK F., Ustabas R., SÜLEYMANOĞLU N., Direkel Ş., GÜLER H. İ., ÜNVER Y.
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- XXV. **Bis benzothiophene Schiff bases: synthesis and in silico-guided biological activity studies**
ÜNVER Y., Unluer D., Direkel S., Durdagi S.
TURKISH JOURNAL OF CHEMISTRY, cilt.44, sa.4, ss.1164-1189, 2020 (SCI-Expanded)
- XXVI. **5-Methyl-4-[3-(2-oxopyrrolidin-1-yl)propyl]-2,4-dihydro-3H-1,2,4-triazol-3-one: Synthesis, Characterization, and DFT Study**
Suleymanoglu N., Ustabas R., Unver Y., Alpaslan Y. B.
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- XXVII. **New Chalcone Derivatives with Schiff Base-Thiophene: Synthesis, Biological Activity, and Molecular Docking Studies**
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- XXVIII. **Novel 1,2,4-Triazole Derivatives: Structure, DFT Study, X-Ray Analysis, and Antimicrobial Activity**
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- XXIX. **Structure Effect on K Shell Fluorescence Parameters at Bis-4-Bromobenzy1-1, 2, 4-Triazol-3-Ones**
Aylikci V., ÜNVER Y., Aylikci N. K., TIRAŞOĞLU E., SANCAK K., LAGAP Z.
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- XXX. **Synthesis of new 1,2,4-triazole compounds containing Schiff and Mannich bases (morpholine) with antioxidant and antimicrobial activities**
ÜNVER Y., DENİZ S., ÇELİK F., Akar Z., KÜÇÜK M., SANCAK K.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.89-95, 2016 (SCI-Expanded)
- XXXI. **Spectroscopy studies, X-ray diffraction and DFT, HF calculations of 4-allyl-5-(thiophen-2-ylmethyl)-2H-1,2,4-triazol-3(4H)-one**
Alasalvar C., Soylu M. S., ÜNVER Y., APAYDIN G., UNLUER D.
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- XXXII. **Structure and anion effect on conductivity and K and L shell fluorescence parameters at green solvents**
Aylikci V., ÜNVER Y., Dugdu E., TIRAŞOĞLU E., Aylikci N. K., Unluer D., SANCAK K., Kahoul A., Dogan M., Cengiz E., et al.
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- XXXIII. **Synthesis, characterization, spectral and electrical properties of peripherally tetra-triazole-substituted phthalocyanines and its metal complexes**
Bayrak R., KARAOĞLU K., ÜNVER Y., SANCAK K., DUMLUDAĞ F., DEĞİRMENCİOĞLU İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.712, ss.57-66, 2012 (SCI-Expanded)
- XXXIV. **Synthesis, characterization, and antioxidant activities of new trisubstituted triazoles**
SANCAK K., ÜNVER Y., UNLUER D., DUGDU E., KOR G., ÇELİK F., BIRINCI E.
TURKISH JOURNAL OF CHEMISTRY, cilt.36, sa.3, ss.457-466, 2012 (SCI-Expanded)
- XXXV. **Synthesis, spectroscopic characterization, calculational studies and in vitro antitumoral activity of 4-(3-(1H-imidazol-1-yl)propyl)-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one**
Suleymanoglu N., Ustabas R., Alpaslan Y. B., ÜNVER Y., Turan M., SANCAK K.
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- XXXVI. **Synthesis, crystal structure, and antioxidant properties of novel 1,2,4-triazol-5-ones containing 3,4-dimethoxyphenyl and 3,4-dihydroxyphenyl moiety**
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- XXXVII. **Experimental and theoretical studies of the molecular structure of 4-(3-(1H-imidazol-1-yl)propyl)-5-p-tolyl-2H-1,2,4-triazol-3(4H)-one**
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- XXXVIII. **The synthesis of some new imidazole and triazole derivatives: crystal Structure and DFT-TDDFT investigation on electronic structure**
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- XXXIX. **Ethyl 4-(3-ethyl-5-oxo-4,5-dihydro-1H-1,2,4-triazol-4-yl)benzoate**
ÜNVER Y., Koysal Y., Tanak H., UNLUER D., Isik S.
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- XL. **An experimental and DFT computational study on 4-(3-(1H-imidazol-1-yl)propyl)-5-methyl-2H-1,2,4-triazol-3(4H)-one monohydrate**
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MOLECULAR PHYSICS, cilt.108, sa.2, ss.127-139, 2010 (SCI-Expanded)
- XLI. **Synthesis and characterization of novel triazol compounds containing a thiophen ring as potential antifungal agents and the structure of 2-(2-hydroxy-2-p-tolyethyl)-5-(thiophen-2-ylmethyl)-4-(4H-1,2,4-triazol-4-yl)-2H-1,2,4-triazol-3(4H)-one**
ÜNVER Y., DUGDU E., SANCAK K., Er M., Ustabas R.
TURKISH JOURNAL OF CHEMISTRY, cilt.34, sa.4, ss.551-563, 2010 (SCI-Expanded)
- XLII. **Synthesis and characterisations of some new 2,4-dihydro-[1,2,4]-triazol-3-one derivatives and X-ray crystal structures of 4-(3-phenylallylideneamino)-5-thiophen-2-yl-methyl-2,4-dihydro-[1,2,4]triazol-3-one**
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- XLIII. **5-Benzyl-4-[3-(1H-imidazol-1-yl)propyl]-2H-1,2,4-triazol-3(4H)-ones: Synthesis, spectroscopic characterization, crystal structure and a comparison of theoretical and experimental IR results by DFT calculations**
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- XLIV. **Experimental and DFT studies of ethyl N'-3-(1H-imidazol-1-yl) propylcarbamoyl benzohydrionate**

monohydrate

Tanak H., Koysal Y., ÜNVER Y., Yavuz M., Isik S., SANCAK K.

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- XLV. **2-Benzoylmethyl-4-[(2-benzylideneethylidene)amino]-5-(2-thienylmethyl)-2H-1,2,4-triazol-3(4H)-one**
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- XLVI. **Spectroscopic and theoretical study of 1,2,4-triazole-3-one based salicylaldehyde complexes and evaluation of superoxide-scavenging properties**
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- XLVII. **An esterolytic activity from a wild edible mushroom, *Lycoperdon perlatum***
ÇOLAK A., ÜNVER Y., Faiz Ö., SESLİ E., KOLCUOĞLU Y.
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- XLVIII. **Synthesis and Characterizations of Some New Triazol-3-one Derivatives.**
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- XLIX. **Synthesis, characterization and cyclization reactions of some new bithiosemicarbazones**
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- L. **Influence of functional group effect on the K-shell X-ray production cross-sections and average fluorescence yields of sulphur in 1,2,4-triazol-5-one compounds containing thiophene**
Aylikci V., Cengiz E., APAYDIN G., ÜNVER Y., SANCAK K., TIRAŞOĞLU E.
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- LI. **Synthesis and characterizations of some new tetra-thiosemicarbazones and their cyclization reactions; tetra-4-methyl-5-etoxy-carbonyl-2,3-dihydro-1,3-thiazole and tetra-2-acetylamino-4-acetyl-4,5-dihydro-1,3,4-thiadiazole derivatives**
Er M., Uenver Y., SANCAK K., DUEGDUE E.
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- LII. **Synthesis and antimicrobial evaluation of novel di-triazoles and 4-arylidene amino 4,5-dihydro-1H-[1,2,4] triazole-5-one derivatives**
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- LIII. **Cu(II), Ni(II) and Fe(II) complexes with a new substituted [1,2,4] triazole Schiff base derived from 4-amino-5-(thien-2-yl ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one and 2-hydroxy-1-naphthaldehyde: synthesis, characterization and a comparison of theoretical and experimental results by Ab initio calculation**
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- LIV. **Synthesis of 2-acylamino, 2-arylamino and ethoxycarbonyl imino-1,3,4-thiadiazoles as antitumor agents**
Sancak K., Unver Y., Er M.
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- LV. **4-[(5-Nitrothiophen-2-ylmethylene)amino]5-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one**
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- LVI. **3,3'-Diisopropyl-4,4'-(hexane-1,6-diyl)bis-[1H-1,2,4-triazol-5(4H)-one] dihydrate**
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- LVII. **3,3'-Bis(2-thienylmethyl)-4,4'-(butane-1,4-diyl)bis(4,5-dihydro-1H-1,2,4-triazol-5-one)**
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- ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.62, 2006 (SCI-Expanded)
- LVIII. **4-(2-pyridylmethyleneamino)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one**
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- LIX. **Ethene-1,1,2,2-tetrayltetramethylene tetrathiocyanate**
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- LX. **3-(2-Thienylmethyl)-4,4 '-bi-1H-1,2,4-triazol-5(4H)-one**
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- LXI. **4,4 '-Butane-1,4-diybis[3-ethyl-1H-1,2,4-triazol-5(4H)-one] and 4-hydroxy-3-n-propyl-1H-1,2,4-triazol-5(4H)-one**
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- LXII. **1-(Benzoylmethyl)-4-(3,5-dimethyl-4H-1,2,4-triazol-4-yl)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one**
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- LXIII. **2-[2-(cyanomethoxy)phenoxy]acetonitrile**
USTABAS R., CORUH U., SANCAK K., ER M., Unver Y., YAVUZ M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.60, 2004 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Synthesis, characterization and biological activity of novel ionic liquids with bis-imidazole moieties: antitumor, antimicrobial effects and molecular docking studies**
ÇELİK F., ÜNVER Y., AYDIN A., GÜLER H. İ., Bektaş K. İ.
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- II. **Synthesis, Biological Activities and Molecular Docking Studies of New Schiff Bases Derivatives**
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