

## Prof. YASEMİN ÜNVER

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### International Researcher IDs

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### Education Information

Doctorate, Karadeniz Technical University, Fen Edebiyat, Turkey 2000 - 2006

Postgraduate, Karadeniz Technical University, Fen Edebiyat, Turkey 1996 - 2000

### Dissertations

Postgraduate, TİYOFEN TAŞIYAN YENİ 1,2,4-TRİAZOL BİLEŞİKLERİNİN SENTEZİ VE BİYOLOJİK ÖZELLİKLERİNİN İNCELENMESİ, Karadeniz Technical University, Fen Bilimleri, Kimya, 2015

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

### Research Areas

Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Organic Reaction Mechanisms, Natural Sciences

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.1314, 2024 (SCI-Expanded)
- II. **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.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.1016, 2024 (SCI-Expanded)
- III. **Imidazolium-based ionic liquids disrupt *saccharomyces cerevisiae* cell membrane integrity**  
ERGÜDEN B., Tarlak F., ÜNVER Y.  
ARCHIVES OF MICROBIOLOGY, vol.206, no.7, 2024 (SCI-Expanded)
- IV. **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.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1305, 2024 (SCI-Expanded)
- V. **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, vol.50, no.1, pp.128-137, 2024 (SCI-Expanded)

- VI. **New Imidazole Derivatives: Synthesis, Spectroscopic Characterization, DFT, Biological Activities, and In Silico Study**  
SÜLEYMANOĞLU N., ÇELİK F., USTABAŞ R., GÜLER H. İ., Şahin H., Direkel Ş., ÜNVER Y.  
Russian Journal of Physical Chemistry A, vol.97, no.13, pp.3037-3049, 2023 (SCI-Expanded)
- VII. **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, vol.8, no.41, 2023 (SCI-Expanded)
- VIII. **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.  
Russian Journal of Physical Chemistry A, vol.97, no.11, pp.2488-2500, 2023 (SCI-Expanded)
- IX. **Chalcone Schiff bases disrupt cell membrane integrity of *Saccharomyces cerevisiae* and *Candida albicans* cells**  
Ergüden B., Lüleci H. B., ÜNVER Y.  
ARCHIVES OF MICROBIOLOGY, vol.205, no.6, 2023 (SCI-Expanded)
- X. **1,3-Bis(((E)-(9-ethyl-9H-carbazol-3-yl)methylene)amino)propan-2-ol: Synthesis, Characterization DFT Study, and Acetylcholinesterase Inhibitory Activity**  
ÇELİK F., SÜLEYMANOĞLU N., Ustabaş R., Bektaş E., ÜNVER Y.  
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, vol.97, no.5, pp.981-988, 2023 (SCI-Expanded)
- XI. **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.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1275, 2023 (SCI-Expanded)
- XII. **New Schiff Bases with Thiophene Ring: Synthesis, Biological Activities, and Molecular Docking Study**  
Çelik F., Inan Bektaş K., Güler H. İ., Direkel Ş., Ünver Y.  
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.93, no.2, pp.409-417, 2023 (SCI-Expanded)
- XIII. **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, vol.41, no.13, pp.5970-5980, 2023 (SCI-Expanded)
- XIV. **Biscarbazole Derivatives: Synthesis, Characterization, Antimicrobial and Antitumor Activity, and Molecular Docking Study**  
Çelik F., Aydın A., Inan Bektaş K., Güler H. İ., Nalçaoğlu A., Ünver Y.  
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.92, no.10, pp.2145-2160, 2022 (SCI-Expanded)
- XV. **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.  
Journal of the Indian Chemical Society, vol.99, no.10, 2022 (SCI-Expanded)
- XVI. **1,2,4-Triazole derivative containing thiophen ring: Comparison of theoretical IR and NMR data with experimental**  
ÇELİK F., ÜNVER Y.  
Journal of the Indian Chemical Society, vol.99, no.6, 2022 (SCI-Expanded)
- XVII. **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., Ustabaş R., Türkan F., Güler H. İ., Ünver Y., Kahrıman N.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.22, pp.12260-12267, 2022 (SCI-Expanded)
- XVIII. **Phenolic chalcones lead to ion leakage from Gram-positive bacteria prior to cell death**

- Ergüden B., ÜNVER Y.  
Archives of Microbiology, vol.204, no.1, 2022 (SCI-Expanded)
- XIX. **(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.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.43, no.6, pp.712-725, 2021 (SCI-Expanded)
- XX. **Synthesis, Characterization, Antibacterial Activity, and Interfacial and Micellar Features of Novel Cationic Gemini Surfactants with Different Spacers**  
Sarıkaya I., BİLGİN S., ÜNVER Y., İNAN BEKTAŞ K., Akbas H.  
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.24, no.6, pp.909-921, 2021 (SCI-Expanded)
- XXI. **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.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.23, pp.12990-13000, 2021 (SCI-Expanded)
- XXII. **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.  
Journal of the Indian Chemical Society, vol.98, no.8, 2021 (SCI-Expanded)
- XXIII. **Bis benzothiophene Schiff bases: synthesis and in silico-guided biological activity studies**  
ÜNVER Y., Unluer D., Direkel S., Durdagi S.  
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.4, pp.1164-1189, 2020 (SCI-Expanded)
- XXIV. **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.  
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.55, no.12, pp.1929-1935, 2019 (SCI-Expanded)
- XXV. **New Chalcone Derivatives with Schiff Base-Thiophene: Synthesis, Biological Activity, and Molecular Docking Studies**  
Unver Y., Tuluk M., Kahriman N., Emirik M., Bektas E., Direkel S.  
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.89, no.4, pp.794-799, 2019 (SCI-Expanded)
- XXVI. **Novel 1,2,4-Triazole Derivatives: Structure, DFT Study, X-Ray Analysis, and Antimicrobial Activity**  
Unluer D., Unver Y., Dugdu E., Alpaslan Y. B., Koysal Y., Soylu M. S., Sancak K.  
RUSSIAN JOURNAL OF ORGANIC CHEMISTRY, vol.55, no.2, pp.254-261, 2019 (SCI-Expanded)
- XXVII. **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, vol.31, pp.89-95, 2016 (SCI-Expanded)
- XXVIII. **Structure Effect on K Shell Fluorescence Parameters at Bis-4-Bromobenzyl-1, 2, 4-Triazol-3-Ones**  
Aylikci V., ÜNVER Y., Aylikci N. K., TIRAŞOĞLU E., SANCAK K., LAGAP Z.  
SPECTROSCOPY AND SPECTRAL ANALYSIS, vol.36, no.12, pp.4120-4124, 2016 (SCI-Expanded)
- XXIX. **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.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1033, pp.243-252, 2013 (SCI-Expanded)
- XXX. **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.  
CHEMICAL PHYSICS LETTERS, vol.556, pp.365-371, 2013 (SCI-Expanded)
- XXXI. **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, vol.712, pp.57-66, 2012 (SCI-Expanded)
- XXXII. **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, vol.36, no.3, pp.457-466, 2012 (SCI-Expanded)
- XXXIII. **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.  
JOURNAL OF MOLECULAR STRUCTURE, vol.989, pp.101-108, 2011 (SCI-Expanded)
- XXXIV. **Synthesis, crystal structure, and antioxidant properties of novel 1,2,4-triazol-5-ones containing 3,4-dimethoxyphenyl and 3,4-dihydroxyphenyl moiety**  
ÜNVER Y., MEYDANAL S., SANCAK K., UNLUER D., Ustabas R., DUGDU E.  
TURKISH JOURNAL OF CHEMISTRY, vol.35, no.2, pp.265-277, 2011 (SCI-Expanded)
- XXXV. **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**  
Ustabas R., Suleymanoglu N., Tanak H., Alpaslan Y. B., ÜNVER Y., SANCAK K.  
JOURNAL OF MOLECULAR STRUCTURE, vol.984, pp.137-145, 2010 (SCI-Expanded)
- XXXVI. **The synthesis of some new imidazole and triazole derivatives: crystal Structure and DFT-TDDFT investigation on electronic structure**  
SANCAK K., ÜNVER Y., Tanak H., DEĞİRMENCİOĞLU İ., Dugdu E., Er M., Isyik S.  
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.67, pp.325-334, 2010 (SCI-Expanded)
- XXXVII. **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.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.66, 2010 (SCI-Expanded)
- XXXVIII. **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**  
Sancak K., ÜNVER Y., Kazak C., DUGDU E., Arslan B.  
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.5, pp.771-780, 2010 (SCI-Expanded)
- XXXIX. **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**  
Tanak H., Koysal Y., ÜNVER Y., Yavuz M., Isik S., SANCAK K.  
MOLECULAR PHYSICS, vol.108, no.2, pp.127-139, 2010 (SCI-Expanded)
- XL. **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, vol.34, no.4, pp.551-563, 2010 (SCI-Expanded)
- XLI. **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**  
ÜNVER Y., SANCAK K., Tanak H., DEĞİRMENCİOĞLU İ., Dugdu E., Er M., Isik S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.936, pp.46-55, 2009 (SCI-Expanded)
- XLII. **Experimental and DFT studies of ethyl N'-3-(1H-imidazol-1-yl) propylcarbamoyl benzohydrazone monohydrate**  
Tanak H., Koysal Y., ÜNVER Y., Yavuz M., Isik S., SANCAK K.  
STRUCTURAL CHEMISTRY, vol.20, no.3, pp.409-416, 2009 (SCI-Expanded)
- XLIII. **2-Benzoylmethyl-4-[(2-benzylideneethylidene)amino]-5-(2-thienylmethyl)-2H-1,2,4-triazol-3(4H)-one**  
Ustabas R., Uenver Y., Suleymanoglu N., Coruh U., SANCAK K.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, 2009 (SCI-Expanded)
- XLIV. **Spectroscopic and theoretical study of 1,2,4-triazole-3-one based salicylaldimine complexes and**

**evaluation of superoxide-scavenging properties**

SERBEST K., OZEN A., ÜNVER Y., ER M., DEĞİRMENCİOĞLU İ., SANCAK K.

JOURNAL OF MOLECULAR STRUCTURE, vol.922, pp.1-10, 2009 (SCI-Expanded)

- XLV. **An esterolytic activity from a wild edible mushroom, *Lycoperdon perlatum***  
ÇOLAK A., ÜNVER Y., FAİZ Ö., SESLİ E., KOLCUOĞLU Y.  
JOURNAL OF FOOD BIOCHEMISTRY, vol.33, pp.482-489, 2009 (SCI-Expanded)
- XLVI. **Synthesis and Characterizations of Some New Triazol-3-one Derivatives.**  
ARSLAN N. B., KAZAK C., ÜNVER Y., SANCAK K.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)
- XLVII. **Synthesis, characterization and cyclization reactions of some new bithiosemicarbazones**  
ER M., ÜNVER Y., SANCAK K., DEĞİRMENCİOĞLU İ., KARAĞLU S. A.  
ARKIVOC, pp.149-167, 2009 (SCI-Expanded)
- XLVIII. **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., CENGİZ E., APAYDIN G., ÜNVER Y., SANCAK K., TIRAŞOĞLU E.  
CHEMICAL PHYSICS LETTERS, vol.461, pp.332-337, 2008 (SCI-Expanded)
- XLIX. **Synthesis and antimicrobial evaluation of novel di-triazoles and 4-arylidene amino 4,5-dihydro-1H-[1,2,4] triazole-5-one derivatives**  
ÜNVER Y., DUEGDUE E., SANCAK K., ER M., KARAĞLU S. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.32, no.4, pp.441-455, 2008 (SCI-Expanded)
- L. **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-acetyl amino-4-acetyl-4,5-dihydro-1,3,4-thiodiazole derivatives**  
ER M., ÜNVER Y., SANCAK K., DUEGDUE E.  
ARKIVOC, pp.99-120, 2008 (SCI-Expanded)
- LI. **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**  
SANCAK K., ER M., ÜNVER Y., YILDIRIM M., DEĞİRMENCİOĞLU İ., SERBEST K.  
TRANSITION METAL CHEMISTRY, vol.32, no.1, pp.16-22, 2007 (SCI-Expanded)
- LII. **Synthesis of 2-acylamino, 2-arylamino and ethoxycarbonyl imino-1,3,4-thiadiazoles as antitumor agents**  
SANCAK K., ÜNVER Y., ER M.  
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.2, pp.125-134, 2007 (SCI-Expanded)
- LIII. **4-[(5-Nitrothiophen-2-ylmethylene)amino]5-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one**  
USTABAS R., CORUH U., SANCAK K., ÜNVER Y., VAZQUES-LOPEZ E. M.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- LIV. **3,3'-Diisopropyl-4,4'-(hexane-1,6-diyl)bis-[1H-1,2,4-triazol-5(4H)-one] dihydrate**  
KOYSAL Y., İSİK S., SANCAK K., ÜNVER Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- LV. **3,3'-Bis(2-thienylmethyl)-4,4'-(butane-1,4-diyl)bis(4,5-dihydro-1H-1,2,4-triazol-5-one)**  
ÜNVER Y., USTABAS R., CORUH U., SANCAK K., VAZQUEZ-LOPEZ E. M.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- LVI. **4-(2-pyridylmethyleneamino)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one**  
YILMAZ İ., ARSLAN N. B., KAZAK C., SANCAK K., ÜNVER Y.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.62, 2006 (SCI-Expanded)
- LVII. **Ethene-1,1,2,2-tetra-yltetramethylene tetrathiocyanate**  
USTABAS R., SANCAK K., ER M., ÜNVER Y., CORUH U., VAZQUEZ-LOPEZ E., YAVUZ M.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- LVIII. **4,4'-Butane-1,4-diylbis[3-ethyl-1H-1,2,4-triazol-5(4H)-one] and 4-hydroxy-3-n-propyl-1H-1,2,4-**

### **triazol-5(4H)-one**

ISKELELI N., ISIK S., SANCAK K., SAMAZ S., Unver Y., ER M.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.61, 2005 (SCI-Expanded)

LIX. **3-(2-Thienylmethyl)-4,4'-bi-1H-1,2,4-triazol-5(4H)-one**

SANCAK K., USTABAS R., CORUH U., ER M., Unver Y., YAVUZ M.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)

LX. **1-(Benzoylmethyl)-4-(3,5-dimethyl-4H-1,2,4-triazol-4-yl)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one**

SancaK K., CORUH U., UNVER Y., VAZQUEZ-LOPEZ E.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)

LXI. **2-[2-(cyanomethoxy)phenoxy]acetonitrile**

USTABAS R., CORUH U., SANCAK K., ER M., Unver Y., YAVUZ M.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)

## **Articles Published in Other Journals**

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.

Organic Communications, vol.17, no.1, pp.23-37, 2024 (ESCI)

II. **Synthesis, Biological Activities and Molecular Docking Studies of New Schiff Bases Derivatives**

ÜNLÜER D., ÜNVER Y., BEKTAŞ E., DİREKEL Ş., KARAMAN M., KARAMAN H. S.

Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.10, no.3, pp.681-694, 2020 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

I. **Investigation of DNA cleavage and antioxidant properties of the new tetra-substituted organo-soluble non-peripherally metallophthalocyanines**

Ertem B., Yalazan H., Barut B., Ünver Y., Özel A., Kantekin H.

Eurasian Congress of Molecular Biotechnology (ECOMB 2019), Trabzon, Turkey, 19 - 21 September 2019, pp.99

II. **Theoretical Study for Ethyl-2-(4-Amino-5-Oxo-3-(Thiophene-2-ylmethyl)-4,5-Dihydro-1,2,4-Triazole-1-yl) Acetate**

ÜNVER Y., ATALAY A., BİRİNCİ E., ÇELİK F., SANCAK K.

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V. **Synthesis of New Axially Chalcone Substituted Silicon (IV)Phthalocyanine and Investigation of Photophysical and Photochemical Properties**

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VIII. **Synthesis, Characterization And Biological Activities Of New Symmetric Bis-1,2,3-Triazoles With Click Chemistry**

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IX. **Bis 1,3,4-Oxadiazole Derivatives: Syntheses, Characterizations, Computational Studies and Antioxidant Activities**

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X. **Antioxidant and Antileishmanial Studies for S-Alkyl 1,3,4-Oxadiazole Derivatives**

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XIII. **Evaluation of Anti-Quorum Sensing Activities of Some Synthetic 1,2,4-Triazole Derivatives**

ÜNVER Y., KAHRİMAN N., TÜFEKÇİ E. F., KILIÇ A. O.

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XIV. **1,2,4-Triazole Derivatives with Morpholine and Antileishmanial Activity**

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3rd International Turkic World Conference on Chemical Sciences and Technologies, Baku, Azerbaijan, 10 - 13 September 2017, pp.243

XVII. **Theoretical Study for Thiol-Thione Tautomerism of 1,2,4-Triazole Derivatives with Schiff Base and Thiophene**

SÜLEYMANOĞLU N., USTABAŞ R., BİNGÖL ALPASLAN Y., ÜNVER Y.

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XVIII. **Structure of 4-Amino-3-(thiophen-2-ylmethyl)-1H-1,2,4-triazole-5(4H)one Monohydrate**

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ÜNVER Y., ÇELİK F.  
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- XXII. **New 1 3 4 Oxadiazole Derivatives and Their Biological Activities**  
ÜNVER Y.  
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ÜNVER Y.  
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- XXIV. **Triazol hidrazon içerikli İmidazol türevi bileşiklerin sentezi X ray DFT ve TD DFT hesaplamaları**  
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Publication: 144  
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