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### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı /Organik Kimya, Turkey 1988 - 1995

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı/ Anorganik Kimya, Turkey 1985 - 1988

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1981 - 1985

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, PEDEGOJİK ÖĞRENİM SERTİFİKASI, FEN-EDEBİYAT FAKÜLTESİ, 1996

### Dissertations

Doctorate, BAZI 4,5-DİHİDRO-1H-1,2,4-TRİAZOL-5-ON BİLEŞİKLERİNİN SUBSTİTÜSYON REAKSİYONLARININ

İNCELENMESİ, Karadeniz Technical University, Fen Bilimnleri Enstitüsü, Kimya Anabilim Dalı /Organik Kimya, 1995

Postgraduate, YENİ BİR LİGAND SENTEZİ VE KOMPLEKS FORMASYONLARININ İNCELENMESİ , Karadeniz Technical University, Fen Bilimnleri Enstitüsü, Kimya/ Anorganik Kimya, 1988

### Research Areas

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

## Academic and Administrative Experience

Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 2013 - 2015

Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 2008 - 2010

Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 2008 - 2010

## Courses

NMR SPEKTROSKOPİSİ, Postgraduate, 2014 - 2015

ORGANİK KİMYA -II A, Undergraduate, 2014 - 2015

STEREOKİMYA -A, Postgraduate, 2015 - 2016

DOYMUŞ HETEROSİKLİK BİLEŞİKLER -A, Doctorate, 2014 - 2015

ORGANİK KİMYA LABORATUARI -II B, Undergraduate, 2014 - 2015

FAZ TRANSFER KATALİZLİ SENTEZLER, Doctorate, 2015 - 2016

AROMATİK HETEROSİKLİKLERİN SENTEZİ, Doctorate, 2015 - 2016

## Advising Theses

DEMİRBAŞ A., FLOROKİNOLON-TRİAZOL HİBRİT BİLEŞİKLERİN SENTEZİ VE ANTİMİKROBİYAL AKTİVİTELERİNİN İNCELENMESİ, Postgraduate, N.CİVELEK(Student), 2015

DEMİRBAŞ A., BAZI YENİ AZOL TÜREVLERİNİN SENTEZİ, KONDENZASYON REAKSİYONLARININ VE ANTİMİKROBİYAL AKTİVİTELERİNİN İNCELENMESİ, Postgraduate, H.ÖZKAN(Student), 2012

DEMİRBAŞ A., FARKLI HETEROHALKALAR İÇEREN HİBRİT MOLEKÜLLERİN SENTEZİ VE ANTİMİKROBİYAL AKTİVİTELERİNİN İNCELENMESİ, Doctorate, D.ŞAHİN(Student), 2011

DEMİRBAŞ A., 1,2,4-TRİAZOL-3-ON HALKASI İÇEREN POLİHETEROSİKLİK BİLEŞİKLERİN SENTEZİ, YAPILARININ AYDINLATILMASI VE ANTİMİKROBİYAL ÖZELLİKLERİNİN İNCELENMESİ, Doctorate, H.BEKTAŞ(Student), 2010

DEMİRBAŞ A., BAZI HETEROSİKLİK SCHIFF BAZI ASETİKASİT ESTERLERİNİN SENTEZİ VE REAKSİYONLARININ İNCELENMESİ, Postgraduate, S.FANDAKLI(Student), 2010

DEMİRBAŞ A., 1,2,4-TRİAZOL-5-ON HALKASI İÇEREN ARİLİDENASETOHİDRAZİTLERİN SENTEZİ VE YAPILARININ AYDINLATILMASI, Postgraduate, M.YILDIRIM(Student), 2008

## Jury Memberships

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2015., Üniversitelerarası Kurul, April, 2016

Appointment to Academic Staff-Assistant Professorship, Doçentlik kadro ataması, Karadeniz Teknik Üniversitesi Maçka Meslek Yüksek Okulu, December, 2015

Associate Professor Exam, •Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2015., Üniversitelerarası Kurul, November, 2015

Associate Professor Exam, •Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2015., Üniversitelerarası Kurul, November, 2015

Doctorate, Doktora Tez Savunma Jürisi, KTÜ Fen Bilimleri Ens. Kimya Anabilim Dalı, October, 2015

Associate Professor Exam, •Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2015., Üniversitelerarası Kurul, October, 2015

Associate Professor Exam, : Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2015., Üniversitelerarası Kurul, April, 2015

Associate Professor Exam, : Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2015., Üniversitelerarası Kurul, April, 2015

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2015., Üniversitelerarası Kurul, April, 2015

Associate Professor Exam, •Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Mart 2015. , Üniversitelerarası Kurul, March, 2015

Appointment to Academic Staff-Assistant Professorship, Yrd. Doç. Atama Jürisi, Artvin Çoruh Üniversitesi Sağlık Meslek Okulu Müdürlüğü, March, 2015

Appointment to Academic Staff-Assistant Professorship, Doçentlik Atama Jürisi, KTÜ Rektörlüğü, Şubat 2015., Karadeniz Teknik Üniversitesi Fen Fakültesi Kimya Böl., February, 2015

Appointment to Academic Staff-Professorship, Profesörlük Atama Jürisi, KTÜ, Ağustos 2014., Karadeniz Teknik Üniversitesi Fen Fakültesi Kimya Böl., August, 2014

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

- I. **One-pot Multicomponent Reactions in Deep Eutectic Solvents**  
Ayvaz A., Demirbaş S. G., DEMİRBAŞ A., DEMİRBAŞ N.  
Current Organic Chemistry, vol.27, no.7, pp.585-620, 2023 (SCI-Expanded)
- II. **Discovery of Novel Sulfonamide-Based 5-Arylidenerhodanines as Effective Carbonic Anhydrase (II) Inhibitors: Microwave-Assisted and Ultrasound-Assisted One-Pot Four-Component Synthesis, Molecular Docking, and Anti-CA II Screening Studies**  
MERMER A., DEMİRBAŞ N., Cakmak U., ÇOLAK A., DEMİRBAŞ A., ALAGUMUTHU M., ARUMUGAM S.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.56, no.9, pp.2460-2468, 2019 (SCI-Expanded)
- III. **4-Quinolone-Carboxamide and Carbothioamide Compounds as Fluorescent Sensors. New Fluorimetric Methods for Cu<sup>2+</sup> and Fe<sup>3+</sup> Determination in Tap Water and Soil**  
GUMRUKCUOĞLU A., TOPALOĞLU Y., MERMER A., DEMİRBAŞ N., DEMİRBAŞ A., OCAK M., OCAK Ü.  
JOURNAL OF FLUORESCENCE, vol.29, no.4, pp.921-931, 2019 (SCI-Expanded)
- IV. **Synthesis of novel Schiff bases using green chemistry techniques; antimicrobial, antioxidant, antiurease activity screening and molecular docking studies**  
MERMER A., DEMİRBAŞ N., USLU H., DEMİRBAŞ A., Ceylan S., SIRIN Y.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1181, pp.412-422, 2019 (SCI-Expanded)
- V. **Piperazine-azole-fluoroquinolone hybrids: Conventional and microwave irradiated synthesis, biological activity screening and molecular docking studies**  
MERMER A., FAİZ O., DEMİRBAŞ A., DEMİRBAŞ N., ALAGUMUTHU M., ARUMUGAM S.  
BIOORGANIC CHEMISTRY, vol.85, pp.308-318, 2019 (SCI-Expanded)
- VI. **Synthesis, biological activity and structure activity relationship studies of novel conazole analogues via conventional, microwave and ultrasound mediated techniques**  
MERMER A., DEMİRBAŞ N., DEMİRBAŞ A., ÇOLAK N., AYAZ F. A., Alagumuthu M., Arumugam S.  
BIOORGANIC CHEMISTRY, vol.81, pp.55-70, 2018 (SCI-Expanded)
- VII. **Microwave-Assisted Synthesis, Antioxidant, and Antimicrobial Evaluation of Piperazine-Azole-Fluoroquinolone Based 1,2,4-Triazole Derivatives**  
ÖZDEMİR S. B., DEMİRBAŞ N., DEMİRBAŞ A., AYAZ F. A., ÇOLAK N.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.55, no.12, pp.2744-2759, 2018 (SCI-Expanded)
- VIII. **One-pot, Four-Component Green Synthesis, Carbonic Anhydrase II Inhibition and Docking Studies of 5-Arylidenerhodanines**  
MERMER A., DEMİRBAŞ N., ÇOLAK A., DEMİR E., KULABAŞ N., DEMİRBAŞ A.  
CHEMISTRYSELECT, vol.3, no.43, pp.12234-12242, 2018 (SCI-Expanded)
- IX. **Conventional and microwave prompted synthesis, antioxidant, anticholinesterase activity screening and molecular docking studies of new quinolone-triazole hybrids**  
MERMER A., DEMİRBAŞ N., SIRIN Y., USLU H., ÖZDEMİR Z., DEMİRBAŞ A.  
BIOORGANIC CHEMISTRY, vol.78, pp.236-248, 2018 (SCI-Expanded)
- X. **Design, Microwave-Assisted and Conventional Synthesis of New Hybrid Compounds Derived From 1-(4-Fluorophenyl)piperazine and Screening for Their Biological Activities**  
ÖZDEMİR S. B., DEMİRBAŞ N., DEMİRBAŞ A., ÇOLAK N., AYAZ F. A.

CHEMISTRYSELECT, vol.3, no.7, pp.2144-2151, 2018 (SCI-Expanded)

- XI. **Novel Azole-Functionalited Flouroquinolone Hybrids: Design, Conventional and Microwave Irradiated Synthesis, Evaluation as Antibacterial and Antioxidant Agents**  
MENTEŞE M., DEMİRBAŞ N., MERMER A., Demirci S., DEMİRBAŞ A., AYAZ F. A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.1, pp.46-64, 2018 (SCI-Expanded)
- XII. **Structure-based Hybridization, Microwave Prompted Synthesis and Biological Evaluation of Novel 4-(2-Fluoro-4-Nitrophenyl)morpholine Derivatives**  
CEBECİ Y. U., DEMİRBAŞ N., OZDEMİR S. B., BAYRAK H., DEMİRBAŞ A., Aksakal F., KARAOĞLU S. A.  
LETTERS IN ORGANIC CHEMISTRY, vol.15, no.11, pp.940-959, 2018 (SCI-Expanded)
- XIII. **Microwave-Assisted Synthesis of Some Hybrid Molecules Derived from Morpholine and Investigation of Their Antimicrobial Activities**  
CEBECİ Y. U., OZDEMİR S. B., Ceylan S., BAYRAK H., DEMİRBAŞ A., ALPAY-KARAOĞLU S., DEMİRBAŞ N.  
CHEMISTRYSELECT, vol.2, no.35, pp.11402-11407, 2017 (SCI-Expanded)
- XIV. **Conventional and microwave irradiated synthesis, biological activity evaluation and molecular docking studies of highly substituted piperazine-azole hybrids**  
MERMER A., Demirci S., OZDEMİR S. B., DEMİRBAŞ A., ULKER S., AYAZ F. A., Aksakal F., DEMİRBAŞ N.  
CHINESE CHEMICAL LETTERS, vol.28, no.5, pp.995-1005, 2017 (SCI-Expanded)
- XV. **Conventional and Microwave-assisted Total Synthesis, Antioxidant Capacity, Biological Activity, and Molecular Docking Studies of New Hybrid Compounds**  
Demirci S., MERMER A., AK G., Aksakal F., ÇOLAK N., DEMİRBAŞ A., AYAZ F. A., DEMİRBAŞ N.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.54, no.3, pp.1785-1805, 2017 (SCI-Expanded)
- XVI. **Synthesis and antimicrobial activity of new piperazine-based heterocyclic compounds**  
OZDEMİR S. B., CEBECİ Y. U., BAYRAK H., MERMER A., Ceylan S., DEMİRBAŞ A., KARAOĞLU S. A., DEMİRBAŞ N.  
HETEROCYCLIC COMMUNICATIONS, vol.23, no.1, pp.43-54, 2017 (SCI-Expanded)
- XVII. **Structure-Based Hybridization, Conventional and Microwave Irradiated Synthesis, Biological Evaluation and Molecular Docking Studies of New Compounds Derived from Thiomorpholin**  
Demirci S., Aksakal F., ÇOLAK N., Ülker S., DEMİRBAŞ A., DEMİRBAŞ N.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.4, pp.444-463, 2017 (SCI-Expanded)
- XVIII. **Synthesis and Antimicrobial Activities of Hybrid Heterocyclic Molecules Based on 1-(4-Fluorophenyl)piperazine Skeleton**  
OZDEMİR S. B., DEMİRBAŞ N., CEBECİ Y. U., BAYRAK H., MERMER A., Ceylan S., DEMİRBAŞ A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.9, pp.1014-1034, 2017 (SCI-Expanded)
- XIX. **Microwave Assisted Synthesis and Antimicrobial Activity Evaluation of New Heterofunctionalized Norfloxacin Derivatives**  
MENTEŞE M., Demirci S., ÖZDEMİR S., DEMİRBAŞ A., ULKER S., DEMİRBAŞ N.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.13, no.10, pp.1076-1090, 2016 (SCI-Expanded)
- XX. **Synthesis of some new hybride molecules containing several azole moieties and investigation of their biological activities**  
Ceylan S., BAYRAK H., DEMİRBAŞ A., Ulker S., Alpay-Karaoglu S., DEMİRBAŞ N.  
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, vol.40, no.3, pp.314-329, 2014 (SCI-Expanded)
- XXI. **Synthesis of Some Heterofunctionalized Penicillanic Acid Derivatives and Investigation of Their Biological Activities**  
Demirci S., DEMİRBAŞ A., Ulker S., Alpay-Karaoglu S., DEMİRBAŞ N.  
ARCHIV DER PHARMAZIE, vol.347, no.3, pp.200-220, 2014 (SCI-Expanded)
- XXII. **Design, synthesis and biological activities of some 7-aminocephalosporanic acid derivatives**  
BASOĞLU S., DEMİRBAŞ A., ULKER S., ALPAY-KARAOĞLU S., DEMİRBAŞ N.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.69, pp.622-631, 2013 (SCI-Expanded)
- XXIII. **Design and synthesis of some azole derivatives as potential antimicrobial agents**  
SAHİN D., BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., Alpay-Karaoglu S.  
MEDICINAL CHEMISTRY RESEARCH, vol.21, no.12, pp.4485-4498, 2012 (SCI-Expanded)
- XXIV. **Novel organosoluble metal-free and metallophthalocyanines bearing triazole moieties: Microwave**

**assisted synthesis and determination of photophysical and photochemical properties**

Nas A., Fandaklı S., Kantekin H., Demirbaş A., Durmus M.

DYES AND PIGMENTS, vol.95, no.1, pp.8-17, 2012 (SCI-Expanded)

- XXV. **Synthesis of eperezolid-like molecules and evaluation of their antimicrobial activities**  
YOLAL M., BASOGLU S., Bektas H., DEMIRCI S., Alpay-Karaoglu S., DEMİRBAŞ A.  
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, vol.38, no.5, pp.539-549, 2012 (SCI-Expanded)
- XXVI. **Synthesis and biological activity studies of new hybrid molecules containing tryptamine moiety**  
Bektas H., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A.  
MEDICINAL CHEMISTRY RESEARCH, vol.21, no.2, pp.212-223, 2012 (SCI-Expanded)
- XXVII. **Reduction, Mannich reaction, and antimicrobial activity evaluation of some new 1,2,4-triazol-3-one derivatives**  
FANDAKLI S., BASOGLU S., Bektas H., YOLAL M., DEMİRBAŞ A., Karaoglu S. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.4, pp.567-582, 2012 (SCI-Expanded)
- XXVIII. **Preparation and antimicrobial activity evaluation of some quinoline derivatives containing an azole nucleus**  
OZYANIK M., DEMIRCI S., Bektas H., DEMİRBAŞ N., DEMİRBAŞ A., Karaoglu S. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.2, pp.233-246, 2012 (SCI-Expanded)
- XXIX. **Design and synthesis of new 1,2,4-triazole derivatives containing morpholine moiety as antimicrobial agents**  
SAHIN D., BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.3, pp.411-426, 2012 (SCI-Expanded)
- XXX. **Synthesis of linezolid-like molecules and evaluation of their antimicrobial activities**  
BASOGLU S., YOLAL M., DEMİRBAŞ A., Bektas H., Abbasoglu R., DEMİRBAŞ N.  
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.1, pp.37-53, 2012 (SCI-Expanded)
- XXXI. **Cyclization of some carbothioamide derivatives containing antipyrine and triazole moieties and investigation of their antimicrobial activities**  
BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.45, no.11, pp.4726-4732, 2010 (SCI-Expanded)
- XXXII. **Synthesis and Antimicrobial Activities of Some New 1,2,4-Triazole Derivatives**  
Bektas H., Karaali N., Sahin D., DEMİRBAŞ A., Karaoglu S. A., DEMİRBAŞ N.  
MOLECULES, vol.15, no.4, pp.2427-2438, 2010 (SCI-Expanded)
- XXXIII. **Synthesis and antimicrobial activities of some new biheterocyclic compounds containing 1,2,4-triazol-3-one and 1,3,4-thiadiazole moieties**  
Bektas H., DEMİRBAŞ A., DEMİRBAŞ N., BAYRAK H., Karaoglu S. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.4, pp.517-527, 2010 (SCI-Expanded)
- XXXIV. **Synthesis and antimicrobial activities of 2-(5-mercapto)-1,3-oxadiazol-2-ylmethyl-1,2,4-triazol-3-one derivatives**  
DEMİRBAŞ A., SAHIN D., DEMİRBAŞ N., Karaoglu S. A., Bektas H.  
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.3, pp.347-358, 2010 (SCI-Expanded)
- XXXV. **Synthesis of some new biheterocyclic triazole derivatives and evaluation of their antimicrobial activity**  
Bektas H., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.2, pp.165-180, 2010 (SCI-Expanded)
- XXXVI. **Synthesis and antimicrobial activities of some new 1,2,4-triazole derivatives**  
BAYRAK H., DEMİRBAŞ A., Bektas H., Karaoglu S. A., DEMİRBAŞ N.  
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.6, pp.835-846, 2010 (SCI-Expanded)
- XXXVII. **Synthesis of some new 1,2,4-triazoles starting from isonicotinic acid hydrazide and evaluation of their antimicrobial activities**  
BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.11, pp.4362-4366, 2009 (SCI-Expanded)
- XXXVIII. **Synthesis of some new 1,3,4-thiadiazol-2-ylmethyl-1,2,4-triazole derivatives and investigation of**

- their antimicrobial activities**  
DEMİRBAŞ A., SAHİN D., DEMİRBAŞ N., Karaoglu S. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.7, pp.2896-2903, 2009 (SCI-Expanded)
- XXXIX. **Synthesis of some new 1,2,4-triazoles, their Mannich and Schiff bases and evaluation of their antimicrobial activities**  
BAYRAK H., DEMİRBAŞ A., Karaoglu S. A., DEMİRBAŞ N.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.3, pp.1057-1066, 2009 (SCI-Expanded)
- XL. **Synthesis and characterizations of some new 4H-1,2,4-triazole derivatives**  
DEMİRBAŞ N., DEMİRBAŞ A., CEYLAN S., SAHİN D.  
TURKISH JOURNAL OF CHEMISTRY, vol.32, no.1, pp.1-8, 2008 (SCI-Expanded)
- XLI. **Synthesis of some new five membered heterocycles, a facile synthesis of oxazolidinones**  
Demirbas A., CEYLAN S., Demirbas N.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.44, no.6, pp.1271-1280, 2007 (SCI-Expanded)
- XLII. **Synthesis and biological activities of new 1,2,4-triazol-3-one derivatives**  
DEMİRBAS N., Demirbas A., KARAĞLU S.  
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, vol.31, no.4, pp.387-397, 2005 (SCI-Expanded)
- XLIII. **Synthesis and antimicrobial activities of some new 1-(5-phenylamino-[1,3,4]thiadiazol-2-yl)methyl-5-oxo-[1,2,4]triazole and 1-(4-phenyl-5-thioxo-[1,2,4]triazol-3-yl)methyl-5-oxo-[1,2,4]triazole derivatives**  
DEMİRBAS N., KARAĞLU S., Demirbas A., SANCAK K.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.39, no.9, pp.793-804, 2004 (SCI-Expanded)
- XLIV. **A convenient synthesis of 3,6-disubstituted-1,4-dihydro-[1,2,4,5] tetrazines and preparation of new acetic acid derivatives containing 5-oxo-4-phenylamino-4,5-dihydro-[1,2,4]triazole**  
Demirbas A.  
TURKISH JOURNAL OF CHEMISTRY, vol.28, no.3, pp.311-323, 2004 (SCI-Expanded)
- XLV. **Synthesis of 3-alkyl(aryl)-4-alkylidenamino-4,5-dihydro-1H-1,2,4-triazol-5-ones and 3-alkyl-4-alkylamino-4,5-dihydro-1H-1,2,4-triazol-5-ones as antitumor agents**  
DEMİRBAS N., UĞURLUOĞLU R., Demirbas A.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.10, no.12, pp.3717-3723, 2002 (SCI-Expanded)
- XLVI. **Synthesis and characterization of some 3-alkyl-4-amino-5-cyanomethyl-4H-1,2,4-triazoles**  
DEMİRBAS N., DEMİRBAS A., Sancak K.  
TURKISH JOURNAL OF CHEMISTRY, vol.26, no.5, pp.801-806, 2002 (SCI-Expanded)
- XLVII. **A study on N-hydroxyamide ethoxycarbonylhydrazones**  
İKİZLER A., Demirbas A., Abbasoglu R.  
TURKISH JOURNAL OF CHEMISTRY, vol.24, no.1, pp.1-8, 2000 (SCI-Expanded)
- XLVIII. **A study on 4,5-dihydro-1H-1,2,4-triazol-5-ones**  
Demirbas A., DEMİRBAS N., İKİZLER A.  
INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.9, no.2, pp.87-94, 1999 (SCI-Expanded)
- XLIX. **Synthesis and antibacterial activities of some 4,5-dihydro-1H-1,2,4-triazol-5-ones**  
YUKSEK H., Demirbas A., İkizler A., JOHANSSON C., CELİK C., İkizler A.  
ARZNEIMITTEL-FORSCHUNG/DRUG RESEARCH, vol.47, no.4, pp.405-409, 1997 (SCI-Expanded)
- L. **The reaction of ester ethoxycarbonylhydrazones with carboxylic acid hydrazides**  
İkizler A., DEMİRBAS N., Demirbas A., İkizler A.  
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### LXXXIV. **Synthesis of some new Schiff base derivatives of acetic acid hydrazides containing 1,2,4-triazole-5-one ring**

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### LXXXV. **Synthesis of some new 1,3-thiazolidinones and 1,3-oxazolidinones containing 1,2,4-triazole ring as possible antimicrobial compounds**

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DEMİRBAŞ A., Johansson C. B., Duman N., İKİZLER A. A.

Other, pp.117-121, 1996

## Supported Projects

DEMİRBAŞ A., BAYRAK H., TUBITAK Project, Konazol ve Ciprofloksazin Esaslı Hibrit Moleküllerin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi, 2013 - 2015

## Metrics

Publication: 148

Citation (WoS): 1960

Citation (Scopus): 2098

H-Index (WoS): 19

H-Index (Scopus): 20

## Congress and Symposium Activities

International Turkic world Conferance on Chemical Sciences and Technologies, Attendee, Sarajevo, Bosnia And Herzegovina, 2015

16th Tetrahedron Symposium, Challenges in Bioorganic & Organic Chemistry, Attendee, Berlin, Germany, 2015

## Non Academic Experience

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