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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 ARİLİDENASETÖHİDRAZİTLERİN 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 Cu²⁺ and Fe³⁺ 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., Durmuş 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**
DEMIRBAS N., Demirbas A., KARA OGLU 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**
DEMIRBAS N., KARA OGLU 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**
DEMIRBAS N., UGURLU OGLU 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**
DEMIRBAS N., DEMIRBAS A., Sancak K.
TURKISH JOURNAL OF CHEMISTRY, vol.26, no.5, pp.801-806, 2002 (SCI-Expanded)
- XLVII. **A study on N-hydroxyamide ethoxycarbonylhydrazones**
IKIZLER 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., DEMIRBAS N., IKIZLER 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., Ikizler A., JOHANSSON C., CELIK C., Ikizler 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**
Ikizler A., DEMIRBAS N., Demirbas A., Ikizler A.
POLISH JOURNAL OF CHEMISTRY, vol.70, no.9, pp.1114-1120, 1996 (SCI-Expanded)
- LI. **THE SYNTHESIS AND COMPLEX-FORMATION OF DIBENZO[E,K]-2,3-BIS(HYDROXYIMINO)-1,4-DIAZA-7,10-DITHIA-2,3,8,9-TETRAHYDROCYCLODODECINE**
GÖK Y., DEMIRBAS A.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.19, no.7, pp.681-698, 1989 (SCI-Expanded)

Articles Published in Other Journals

- I. **Organocatalyzed Heterocyclic Transformations In Green Media: A Review**
DEMİRBAŞ N., DEMİRBAŞ A.
CURRENT ORGANOCATALYSIS, vol.8, no.1, pp.27-71, 2021 (ESCI)
- II. **Synthesis of Some 1,2,4-Triazole Derivatives as Potential Antitumor Agents**
İKİZLER A. A., UZUNALI E., DEMİRBAŞ A.
Indian Journal Of Pharmaceutical Sciences, vol.62, pp.371-375, 2000 (Scopus)
- III. **Antimicrobial Activities of some 4H-1,2,4-triazoles**
İKİZLER A. A., UÇAR F., DEMİRBAŞ N., DEMİRBAŞ A., GEZER T.
Indian Journal Of Pharmaceutical Sciences, vol.61, no.5, pp.271-274, 1999 (Scopus)
- IV. **Synthesis and biological activities of some 4,5-dihydro-1H-1,2,4-triazol-5-one derivatives**
İKİZLER A. A., DEMİRBAŞ A., JOHANSSON C. B., SERDAR M., YÜKSEK H.
Acta Poloniae Pharmaceutica, vol.55, no.2, pp.117-123, 1998 (Scopus)
- V. **Synthesis and biological activities of some new 4,5-dihydro-1H-1,2,4-triazol-5-ones**
DEMİRBAŞ A., JOHANSSON C. B., DUMAN N., İKİZLER A. A.
Acta Poloniae Pharmaceutica, vol.53, no.2, pp.117-121, 1996 (Scopus)

Books & Book Chapters

- I. **New Development in The Quinolone Class of Antibacterial Drugs**
DEMİRBAŞ N., DEMİRBAŞ A.
in: Frontiers in Natural Product Chemistry, Atta-ur-Rahman, Editor, Bentham Science Publishers Pte. Ltd., Singapore, pp.43-94, 2020
- II. **Ninth Edition Chemistry/Dokuzuncu Baskıdan Çeviri KİMYA**
TÜFEKÇİ M., KARABÖCEK S., KARSLIOĞLU S., DEMİRBAŞ A.
Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti., Ankara, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Microwave Supported Synthesis of New Quinolone-Thiazolidinone Hybrids and Their Antimicrobial Activities**
DEMİRBAŞ A., DEMİRBAŞ N., BAYRAK H., ŞEN İ., TAFLAN E., MERMER A.
7th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019, pp.30
- II. **Synthesis and Antimicrobial Activities of New Hybrid Drug Candidates Consisting of Quinolone and Thiazolidinone Units by Microwave Irradiated Method**
DEMİRBAŞ N., DEMİRBAŞ A., BAYRAK H., AYVAZ A., ÖZDEMİR BAŞOĞLU S.
7th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019, pp.29
- III. **Antimicrobial Activity and Microwave Assisted Synthesis of New Hybrid Compounds Derived From Fluoroquinolone Skeleton**
BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., ŞEN İ., MERMER A.
7th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019, pp.27
- IV. **Conventional and Microwave Irradiated Synthesis of Highly Substituted Piperazine-Azole Hybrids**
ÖZDEMİR BAŞOĞLU S., DEMİRBAŞ N., DEMİRBAŞ A., BAYRAK H.
2nd International Conference Expo on Green Chemistry and Engineering (ICEGCE 2018), Barselona, Spain, 23 - 24 July 2018, pp.3
- V. **Synthesis of some Conazole Analogues and Mannich Bases starting from 4-amino-3-methyl-1H-1,2,4-triazol-5(4H)-one with Microwave Reaction Methods**
CEBECİ Y. U., BAYRAK H., CEYLAN S., ÖZDEMİR S. B., DEMİRBAŞ N., DEMİRBAŞ A.

2nd International Conference & Expo on Green Chemistry and Engineering (ICEGCE 2018), Barselona, Spain, 23 - 24 July 2018, pp.1

- VI. **Microwave Irradiated Synthesis and Biological Activity Screening Studies of Novel Mannich Bases Containing Fluorophenyl Piperazine Rings**
OZDEMİR S. B., DEMİRBAŞ A., BAYRAK H., DEMİRBAŞ N.
2nd International Conference & Expo on Green Chemistry and Engineering (ICEGCE 2018), Barselona, Spain, 23 - 24 July 2018, pp.5
- VII. **Synthesis, Biological Assessment and Molecular Docking Studies of Novel Quinolone Derivatives**
MERMER A., DEMİRBAŞ N., DEMİRBAŞ A.
International Congress on Chemistry and Materials Science, 5 - 07 October 2017
- VIII. **Synthesis and Characterization of Some Novel 1,2,4-Triazole Derivatives Bearing Fluorophenyl and Piperazine Moieties as Promising Heterocycles**
DEMİRBAŞ N., BASOĞLU OZDEMİR S., DEMİRBAŞ A.
International Congress on Chemistry and Materials Science, 5 - 07 October 2017
- IX. **Synthesis and Antimicrobial Activity Evaluation of New Conazole Scaffolds Bearing Antipyrine Structure**
BAYRAK H., UYGUN CEBECİ Y., MERMER A., DEMİRBAŞ N., DEMİRBAŞ A.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017
- X. **Synthesis of Quinolone and 1,2,4-Triazol Derivatives Starting From 3-Chloro-4-Fluoroaniline**
CEYLAN Ş., UYGUN CEBECİ Y., BASOĞLU OZDEMİR S., DEMİRBAŞ N., DEMİRBAŞ A.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017
- XI. **Synthesis and Antimicrobial Activity Evaluation of New Conazole Scaffolds Bearing Antipyrine Structure**
BAYRAK H., UYGUN CEBECİ Y., MERMER A., DEMİRBAŞ N., DEMİRBAŞ A.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017
- XII. **Synthesis and Antimicrobial Activity Evaluation of New Conazole Scaffolds Bearing Antipyrine Structure**
BAYRAK H., CEBECİ UYGUN Y., MERMER A., DEMİRBAŞ N., DEMİRBAŞ A.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017
- XIII. **Synthesis and Antimicrobial Evaluation of New Conazole Scaffolds Bearing Antipyrine Structure**
BAYRAK H., UYGUN CEBECİ Y., MERMER A., DEMİRBAŞ N., DEMİRBAŞ A.
3rd International Turkic World Conference on Chemical Sciences & Technologies / ITWCCST - 2017, Baku, Azerbaijan, 10 - 13 September 2017
- XIV. **synthesis of some novel beta lactam hybrids including azole rings based on piperazine nucleus**
MERMER A., BAYRAK H., DEMİRBAŞ N., UYGUN Y., BASOĞLU ÖZDEMİR S., DEMİRBAŞ A.
4th International Bau Drug Design congress, 13 - 16 October 2016
- XV. **Synthesis of Some beta Lactame Hybrids Including Azole Rings Based on Piperazine Nucleus**
MERMER A., BAYRAK H., DEMİRBAŞ N., UYGUN CEBECİ Y., BAŞOĞLU ÖZDEMİR S., DEMİRBAŞ A.
4 th International Bau Drug Design Congress, 13 - 15 October 2016
- XVI. **Synthesis and Characterization of New Hybrid Molecules Derived From 4 4 fluorophenyl piperazine**
DEMİRBAŞ N., DEMİRBAŞ A., BAŞOĞLU ÖZDEMİR S., UYGUN Y., MERMER A., BAYRAK H., CEYLAN Ş.
4 th International Bau Drug Design Congress, 13 - 15 October 2016
- XVII. **Synthetic Route for Novel Fluoroquinolone and Conazole Derivatives Containing Different Pharmacophore Groups Starting from Antipyrine**
Uygun Y., BAYRAK H., DEMİRBAŞ A., Başoğlu S., DEMİRBAŞ N.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- XVIII. **Synthesis of some Novel β -Lactam Hybrids Including Azole Rings Based on Piperazine Nucleus**
Mermer A., BAYRAK H., DEMİRBAŞ N., Uygun Y., Başoğlu S., DEMİRBAŞ A.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.52
- XIX. **synthetic route for novel fluoroquinolone and conazole derivatives containing different pharmacophores starting from antipyrine**

UYGUN Y., BAYRAK H., DEMİRBAŞ A., ÖZDEMİR S., DEMİRBAŞ N.

4th International Bau Drug Design Congress, 13 - 15 October 2016

- XX. **Synthesis and Characterization of New Hybrid Molecules Derived from 4-(4-Fluorophenyl)piperazine**
DEMİRBAŞ N., DEMİRBAŞ A., Başoğlu S., Uygun Y., Mermer A., BAYRAK H.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.84
- XXI. **Bazı Schiff ve Mannich Bazlarının Sentezi ve Karakterizasyonu**
CEYLAN Ş., UYGUN Y., ÖZDEMİR BAŞOĞLU S., MERMER A., BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016
- XXII. **Yeni Norfloksazin Türevi Bileşiklerin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
MERMER A., TÜFEKÇİ E. F., ÖZDEMİR BAŞOĞLU S., CEYLAN Ş., DEMİRCİ S., BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016
- XXIII. **Yeni 2 5 dihidro 1H pirrollerin Sentezi ve Karakterizasyonu**
ÖZDEMİR BAŞOĞLU S., UYGUN Y., MERMER A., BAYRAK H., CEYLAN Ş., DEMİRBAŞ N., DEMİRBAŞ A.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016
- XXIV. **Mikrodalga Destekli Florokinolon Türevi Bileşiklerin Sentezi ve Karakterizasyonu**
CEBECİ UYGUN Y., BAŞOĞLU ÖZDEMİR S., CEYLAN Ş., MERMER A., BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016
- XXV. **Microwave Assisted Synthesis and Biological Activity Studies of Some New Derived from Antipyrine**
DEMİRBAŞ N., DEMİRCİ S., MERMER A., ÜLKER S., DEMİRBAŞ A.
3rd International Bau Drug Design Congress, 1 October - 03 December 2015
- XXVI. **Synthesis of Some New Norfloxacin Derivatives and Investigation of Their Antimicrobial Activities**
DEMİRCİ S., Mentеше M., Arif M., ÜLKER S., DEMİRBAŞ A., DEMİRBAŞ N.
3rd International Bau Drug Design Congress, 1 October - 03 December 2015
- XXVII. **Synthesis and Antimicrobial Evaluation of Nalidixic Acid Based on 1 2 4 Triazole Derivatives**
CEYLAN Ş., DEMİRBAŞ N., BAYRAK H., UYGUN Y., BAŞOĞLU S., DEMİRBAŞ A.
1st International Turkic World Conference on Chemical Science and Technologies, SARAYOVA, Bosnia And Herzegovina, 27 October - 01 November 2015, pp.85
- XXVIII. **Synthesis and Antimicrobial Activities of New Conazole and Fluoroquinolones**
DEMİRBAŞ N., BAŞOĞLU S., UYGUN Y., MERMER A., DEMİRBAŞ A., DEMİRCİ S., CEYLAN Ş.
1st International Turkic World Conference on Chemical Sciences, SARAYOVA, Bosnia And Herzegovina, 27 October - 01 November 2015, pp.229
- XXIX. **Synthesis of Some Heterofunctionalized Norfloxacin Derivatives and Investigation of Their Biological Activities**
DEMİRCİ S., Yolal M., Mermer A., DEMİRBAŞ N., DEMİRBAŞ A.
1st International Turkic World Conference on Chemical Science and Technologies, SARAYOVA, Bosnia And Herzegovina, 27 October - 01 November 2015, pp.270
- XXX. **Synthesis And Antimicrobial Activity of Triazole Containing Azole Derivates**
Arif M., Yıldız U., DEMİRCİ S., serap b., DEMİRBAŞ A., DEMİRBAŞ N., ÜLKER S.
1st International Turkic World Conference on Chemical Science and Technologies, SARAYOVA, Bosnia And Herzegovina, 27 October - 01 November 2015, pp.231
- XXXI. **Synthesis and Investigation of Their Antimicrobial Activities of new Conazole Derivatives Containing Morpholine and Fluorophenylene rings**
BAYRAK H., UYGUN Y., MERMER A., BAŞOĞLU S., DEMİRBAŞ N., DEMİRBAŞ A., CEYLAN Ş., DEMİRCİ S.
1st International Turkic World Conference on Chemical Science and Technologies, 27 October - 01 November 2015
- XXXII. **SYNTHESIS OF NEW TRIAZOL DERIVATIVES CONTAINING SEVERAL PHARMACOPHORE GROUPS AND INVESTIGATION OF THEIR ANTIMICROBIAL ACTIVITIES**
DEMİRBAŞ A., UYGUN Y., BAŞOĞLU S., MERMER A., BAYRAK H., CEYLAN Ş., DEMİRBAŞ N.
1st International Turkic World Conference on Chemical Science and Technologies, 27 October - 01 November 2015
- XXXIII. **Synthesis of New Triazol Derivatives Containing Several Pharmacophore Groups and Investigation of Their Antimicrobial Activities**

- DEMİRBAŞ A., Uygun Y., Başoğlu S., Mermer A., BAYRAK H., Ceylan S., DEMİRBAŞ N.
International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, Sarajevo, Bosnia
And Herzegovina, 27 October - 01 November 2015, pp.103
- XXXIV. **Synthesis and Antimicrobial Activity Evaluation of New Fluoroquinolone Derivatives Starting from Triptamine**
Uygun Y., Başoğlu S., Mermer A., BAYRAK H., Ceylan S., DEMİRBAŞ A., DEMİRBAŞ N., Ülker S.
International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, Sarajevo, Bosnia
And Herzegovina, 27 October - 01 November 2015, pp.105
- XXXV. **Synthesis of new Conazole Derivatives Containing Morpholine and Fluorophenylene rings and Investigation of Their Antimicrobial Activities**
BAYRAK H., Uygun Y., Mermer A., Başoğlu S., DEMİRBAŞ A., DEMİRBAŞ N., Ceylan S., Demirci S.
International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, Sarajevo, Bosnia
And Herzegovina, 27 October - 01 November 2015, pp.128
- XXXVI. **Synthesis and Antimicrobial Evaluation of Nalidixic Acid Based 1,2,4-Triazole Derivatives**
Ceylan S., DEMİRBAŞ N., BAYRAK H., Uygun Y., Başoğlu S., DEMİRBAŞ A.
International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, Sarajevo, Bosnia
And Herzegovina, 27 October - 01 November 2015, pp.106
- XXXVII. **Synthesis and Characterization of Some New Conazole Derived from Ethylpiperazine Nucleus**
Başoğlu S., Uygun Y., BAYRAK H., DEMİRBAŞ N., Mermer A., DEMİRBAŞ A., Ceylan S.
International Turkic World Conference on Chemical Sciences and Technologies-ITWCCST 2015, Sarajevo, Bosnia
And Herzegovina, 27 October - 01 November 2015, pp.104
- XXXVIII. **Synthesis of new hybrid compounds incorporated conazole structure**
DEMİRBAŞ A., yıldız u., BAYRAK H.
16th Tetrahedron Symposium, 15 - 19 June 2015
- XXXIX. **Synthesis and antimicrobial activities of new hybrid compounds derived from Nalidixic acid**
BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., Mert S., Sefa Emre E., Aygün M.
16th Tetrahedron Symposium, 15 - 19 June 2015
- XL. **Synthesis of new hybrid compound incorporated Conazole structure**
DEMİRBAŞ A., Uygun Y., BAYRAK H.
16th Tetrahedron Symposium, Berlin, Germany, 16 - 19 June 2015
- XLI. **Synthesis and Antimicrobial Activities of New Hybrid Compounds derived from Nalidixic acid**
BAYRAK H., DEMİRBAŞ A., DEMİRBAŞ N., Sıcak M., Ecevit S. E., Aygün M.
16th Tetrahedron Symposium, Berlin, Germany, 16 - 19 June 2015
- XLII. **SYNTHESIS OF SOME NEW HYBRID MOLECULES DERIVED FROM INDOLE 3 CARBALDEHYDE**
Mermer A., Uygun Y., DEMİRBAŞ N., DEMİRBAŞ A., BAYRAK H., Başoğlu S., CEYLAN Ş.
Anatolian Conference on Synthetic Organic Chemistry, 16 - 19 March 2015
- XLIII. **Design synthesis and antimicrobial evaluation of novel 1 2 4 triazol type of fluconazole analogues**
ARİF M., YILDIZ U., BAYRAK H., SERAP B., DEMİRBAŞ A., DEMİRBAŞ N., ÜLKER S.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015
- XLIV. **Synthesis of some new hybrid molecules derived from indole-3-carbaldehyde**
Mermer A., Uygun Y., DEMİRBAŞ N., DEMİRBAŞ A., BAYRAK H., Başoğlu S., Ceylan S.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015, pp.120
- XLV. **Design, synthesis and antimicrobial evaluation of novel 1,Z, -triazol type of fluconazole analogues**
Mermer A., Uygun Y., BAYRAK H., Başoğlu S., DEMİRBAŞ A., DEMİRBAŞ N., Ülker S.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015, pp.119
- XLVI. **Konazol Esaslı Hibrit Moleküllerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
Mermer A., Uygun Y., BAYRAK H., Demirci S., DEMİRBAŞ A., DEMİRBAŞ N.
2. Ulusal Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014, pp.116
- XLVII. **Florokinolon Halkası İçeren Piperazin Türevlerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
Mermer A., Uygun Y., BAYRAK H., Civelek N., DEMİRBAŞ A., DEMİRBAŞ N.
2. Ulusal Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014

- XLVIII. Cd(II), Cu(II) ve Ni(II)'nin Triazol Kompleksleri Halinde Bulutlama Noktası Ekstraksiyonu ile Zenginleştirilmesi ve FAAS ile Tayinleri**
ÖZDEMİR O., ÖZTÜRK N., YAZAR M., ÖZDEŞ D., ŞAHİN D., DEMİRBAŞ A., DURAN C.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.237
- XLIX. Piperazinden Türeyen yeni Florokinolon ve β -Laktam Türevlerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
Uygun Y., BAYRAK H., Mermer A., Civelek N., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A., Ülker S., Bozdeveci A.
2. İlaç Kimyası Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014, pp.207
- L. Farklı Farmakofor Gruplar İçeren Bileşiklerin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
BAYRAK H., Mermer A., Uygun Y., Civelek N., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A., Ülker S., Bozdeveci A.
2. İlaç Kimyası Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014, pp.231
- LI. Florokinolon veya β -Laktam Halkası İçeren Yeni Hibrit Moleküllerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
Uygun Y., BAYRAK H., Mermer A., Civelek N., DEMİRBAŞ A., DEMİRBAŞ N., Ceylan S., Karaoglu S. A., Ülker S., Bozdeveci A.
2. İlaç Kimyası Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014, pp.205
- LII. Florokinolon veya β -Laktam Halkası İçeren Piperazin Türevlerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi**
Mermer A., Uygun Y., BAYRAK H., Civelek N., DEMİRBAŞ A., DEMİRBAŞ N., Karaoglu S. A., Ülker S., Bozdeveci A.
2. İlaç Kimyası Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014, pp.203
- LIII. Microwave assisted synthesis of new 7-aminocephalosporonic acids derivatives as possible as antimicrobial agents**
BAŞOĞLU S., DEMİRCİ S., CEYLAN Ş., MENTEŞE M., DEMİRBAŞ N., DEMİRBAŞ A.
14. Tetrahedron Symposium, Viyana, Austria, 25 - 28 June 2013, pp.27
- LIV. Microwave assisted synthesis and antimicrobial activity evolution of some new norfloxacin derivatives carrying an azole moiety**
YOLAL M., DEMİRBAŞ N., DEMİRBAŞ A., BAŞOĞLU S., DEMİRCİ S., ALPAY-KARAOĞLU Ş.
14. Tetrahedron Symposium, Viyana, Austria, 25 - 28 June 2013, pp.26
- LV. Microwave assisted synthesis of some penicillanic acid derivatives and investigation of their antimicrobial activities**
DEMİRCİ S., BAŞOĞLU S., DEMİRBAŞ N., DEMİRBAŞ A., BOZDERECİ A.
14. Tetrahedron Symposium, Viyana, Austria, 25 - 28 June 2013, pp.21
- LVI. Microwave assisted synthesis of some β -lactam derivatives and investigation of their antimicrobial activities**
DEMİRCİ S., BAŞOĞLU S., DEMİRBAŞ N., DEMİRBAŞ A.
14. Tetrahedron Symposium, Viyana, Austria, 25 - 28 June 2013, pp.20
- LVII. Synthesis and characterization of penicillin-azol derivatives as potential antimicrobial compounds**
DEMİRCİ S., BAŞOĞLU S., YOLAL M., DEMİRBAŞ N., DEMİRBAŞ A.
13th Tetrahedron Symposium, Amsterdam, Netherlands, 26 - 29 June 2012, pp.89
- LVIII. Cyclization of some carbothioamide derivatives containing piperazine and fluorophenylene moieties as possible antimicrobial agents**
BAŞOĞLU S., DEMİRCİ S., UYGUN Y., DEMİRBAŞ N., DEMİRBAŞ A.
13th Tetrahedron Symposium, Amsterdam, Netherlands, 26 - 29 June 2012, pp.80
- LIX. Triptamin Halkası İçeren Bazı 1,2,4-Triazol-3-on Türevlerinin Sentezi ve Yapılarının Aydınlatılması**
CEYLAN Ş., DEMİRCİ S., BAŞOĞLU S., UYGUN Y., BEKTAŞ H., DEMİRBAŞ N., DEMİRBAŞ A.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.356
- LX. Piperazin ve Morfolin Halkası İçeren Yeni Bileşiklerin Sentezi ve Antimikrobiyal Aktivitelerinin İncelenmesi**
DEMİRBAŞ A.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.330
- LXI. Triptamin Halkası İçeren Bileşiklerin Sentezi ve Karşılık Gelen Schiff ve Mannich Bazlarına**

Dönüştürülmesi

CEYLAN Ş., BAŞOĞLU S., DEMİRCİ S., BEKTAŞ H., ÖZTÜRK H., DEMİRBAŞ N., DEMİRBAŞ A.

25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.355

- LXII. **İmidazol Halkası İçeren Triazol Türevlerinin Sentezi, Antimikrobial Aktivitelerinin incelenmesi**
DEMİRCİ S., BAŞOĞLU S., CEYLAN Ş., DEMİRBAŞ N., DEMİRBAŞ A.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.335
- LXIII. **Poliheterosiklik Moleküllerin Sentezi, Antimikrobial ve Antitümöral Aktivitelerinin incelenmesi**
DEMİRCİ S., BAŞOĞLU S., CEYLAN Ş., ÖZTÜRK H., UYGUN Y., DEMİRBAŞ N., DEMİRBAŞ A.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.334
- LXIV. **Triazol sübtitue grubu içeren yeni metalsiz ve metalli ftalosiyenlerin sentezi ve karakterizasyonu”,**
NAS A., FANDAKLI S., DEMİRBAŞ A., DURMUS M., KANTEKİN H.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.21
- LXV. **Pirazin Halkası İçeren Bazı Azollerin Sentezi Ve Karşılık Gelen Mannich Bazlarına Dönüştürülmesi**
PEKDEMİR F., DEMİRBAŞ N., DEMİRBAŞ A., ÖZYANIK M., DEMİRCİ S., YOLAL M., FANDAKLI S., BAŞOĞLU S.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.160
- LXVI. **Linezolid Benzeri Bileşiklerin Sentezi ve Antimikrobial Özelliklerinin Belirlenmesi**
BAŞOĞLU S., DEMİRBAŞ N., DEMİRBAŞ A., YOLAL M., BEKTAŞ H.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.236
- LXVII. **1,2,4-Triazol Halkası İçeren Karbamatların Sentezi ve Antimikrobial Özelliklerin İncelenmesi**
BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A., Karaoglu S. A.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- LXVIII. **1,2,4-Triazol Halkası İçeren Karbamatların Sentezi ve Antimikrobial Özelliklerinin İncelenmesi**
BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A., ALPAY_KARAOĞLU Ş.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.167
- LXIX. **2-Aminobenzotiyazol Üzerine Bir Çalışma**
CEYLAN Ş., DEMİRBAŞ N., DEMİRBAŞ A., YOLAL M., BEKTAŞ H.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.162
- LXX. **Antipirin Halkası İçeren 1,2,4-Triazol Türevlerinin Sentezi**
BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- LXXI. **Bazı Yeni 1,2,4-Triazol Halkası İçeren Mannich Bazları Türevlerinin Sentezi**
BEKTAŞ H., DEMİRBAŞ N., DEMİRBAŞ A., ÖZYANIK M.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.158
- LXXII. **Etil 2-Aminobenzotiyazol-4-asetat'ın Halka Kapatma Reaksiyonları**
CEYLAN Ş., DEMİRBAŞ N., DEMİRBAŞ A., YOLAL M., BEKTAŞ H.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.163
- LXXIII. **2-[4-(Alkilamino)-3-(4-Metilfenil)-5-Okso-4,5-dihidro-1H-1,2,4-Triazol-1-il]asetohidrazidlerin Sentezi**
FANDAKLI S., DEMİRBAŞ A., DEMİRBAŞ N., BEKTAŞ H.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.164
- LXXIV. **Kinolin Halkası İçeren Bazı Azollerin Sentezi Ve Karşılık Gelen Mannich Bazlarına Dönüştürülmesi**
ÖZYANIK M., DEMİRBAŞ N., DEMİRBAŞ A., BEKTAŞ H., PEKDEMİR F., DEMİRCİ S., YOLAL M., FANDAKLI S., BAŞOĞLU S.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.161
- LXXV. **İndol ve Triazol Halkasını İçeren Bazı Yeni Bileşiklerin Sentezi ve Karakterizasyonu**
BEKTAŞ H., DEMİRBAŞ N., DEMİRBAŞ A., ÖZYANIK M., YOLAL M., FANDAKLI S., BAŞOĞLU S.
XXIV. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.159
- LXXVI. **Yeni Bir Triazol ile Pd(II) ve Fe(III)'ün Bulutlanma Noktası Ekstraksiyonu**
DURAN C., Özdeş D., BULUT V. N., DEMİRBAŞ A., Gündoğdu A.
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010, pp.82
- LXXVII. **Muhtemel Antimikrobial Bileşikler olarak Antipirin Halkası içeren 1,2,4-Triazol-3-on Türevlerinin**

Sentezi

BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.

23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009

LXXVIII. **1,2,4-Biheterosiklik Triazol Türevlerinin Sentezi ve Özelliklerinin İncelenmesi**

BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.

23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009

LXXIX. **Morfolin Halkası İçeren Bazı 1,2,4-triazol-3-on Türevlerinin Sentezi ve Yapılarının Aydınlatılması**

Şahin D., DEMİRBAŞ A., DEMİRBAŞ N., BAYRAK H.

23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009

LXXX. **İzonikotinic asit Hidraziti üzerine bir çalışma.**

BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A., Ceylan S., Şahin D., Karaoglu S. A.

XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008

LXXXI. **Bazı 1,2,4-Triazol türevlerinin Sentezi ve Antimikrobiale Özelliklerinin İncelenmesi**

BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A., Karaoglu S. A.

XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008

LXXXII. **Bazı Biheterosiklik Bileşiklerin Sentezi, Schiff ve Mannich Bazlarına Dönüştürülmesi**

DEMİRBAŞ N., DEMİRBAŞ A., Ceylan S., Şahin D., BAYRAK H., Karaoglu S. A.

XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008

LXXXIII. **Synthesis of some new 1,3,4-Thiadiazol-2-ylmethyl-1,2,4-Triazole Derivatives and Investigation of Their Antimicrobial Activities**

DEMİRBAŞ N., DEMİRBAŞ A., Şahin D., BAYRAK H., Karaoglu S. A.

EHRlich II-2nd World Conferance on Magic Bullets Celebrating the 100th Anniversary of the Nobel Prize Award to Paul Ehrlich, Nürnberg, Germany, 3 - 05 October 2008, pp.11-12

LXXXIV. **Synthesis of some new Schiff base derivatives of acetic acid hydrazides containing 1,2,4-triazole-5-one ring**

DEMİRBAŞ N., DEMİRBAŞ A., Şahin D., Ceylan S., BAYRAK H.

International Conferance on Organic Chemistry, Erzurum, Turkey, 5 - 09 June 2007, pp.44

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

DEMİRBAŞ N., DEMİRBAŞ A., Ceylan S., Şahin D., BAYRAK H.

International Conferance on Organic Chemistry, Erzurum, Turkey, 5 - 09 June 2007, pp.43

LXXXVI. **Synthesis of some biheterocyclic compounds containing 1,2,4-triazole ring as possible antimicrobial compounds.**

DEMİRBAŞ A., DEMİRBAŞ N., Ceylan S., Şahin D., BAYRAK H.

International Conferance on Organic Chemistry, Erzurum, Turkey, 5 - 09 June 2007, pp.42

LXXXVII. **Synthesis of some new 1,2,4-triazol-5-ones containing piperazine and morpholine rings**

DEMİRBAŞ A., DEMİRBAŞ N., Şahin D., Ceylan S., BAYRAK H.

International Conferance on Organic Chemistry, Erzurum, Turkey, 5 - 09 June 2007, pp.45

LXXXVIII. **Spectrophotometric Determination of Carbaryl Pesticide and 1-Naphthol in Soil and Environmental Surface Waters Samples**

YÜKSEK H., BAHÇECİ Ş., MUTLU C., AZAKLI İ., DEMİRBAŞ A.

First International Symposium on Fisheries and Ecology, Trabzon, Turkey, 13 - 15 May 1998, pp.84

Other Publications

I. **Synthesis and Biological Activities of Some New 4,5-dihydro-1H-1,2,4-Triazol-5-ones**

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

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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

Karadeniz Teknik Üniversitesi

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