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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 Bilimleri Enstitüsü, Kimya Anabilim Dalı /Organik Kimya, 1995

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

Research Areas

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

Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Kimya, 2011 - Continues

Associate Professor, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 2006 - 2011

Assistant Professor, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 2004 - 2006

Lecturer PhD, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 1997 - 2004

Research Assistant PhD, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 1995 - 1997

Research Assistant, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, 1987 - 1995

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 SCHİFF 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 Academic Staff, 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 Academic Staff, Yrd. Doç. Atama Jürisi, Artvin Çoruh Üniversitesi Sağlık Meslek Okulu Müdürlüğü, March, 2015

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

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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **Piperazine-azole-fluoroquinolone hybrids: Conventional and microwave irradiated synthesis, biological activity screening and molecular docking studies**
MERMER A., FAIZ O., DEMİRBAŞ A., DEMİRBAŞ N., ALAGUMUTHU M., ARUMUGAM S.
BIOORGANIC CHEMISTRY, vol.85, pp.308-318, 2019 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI Expanded)
- VIII. **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 (Journal Indexed in SCI)
- IX. **Design, Microwave-Assisted and Conventional Synthesis of New Hybrid Compounds Derived From 1-**

(4-Fluorophenyl)piperazine and Screening for Their Biological Activities

OZDEMİR S. B. , DEMİRBAŞ N., DEMİRBAŞ A., ÇOLAK N., AYAZ F. A.

CHEMISTRYSELECT, vol.3, no.7, pp.2144-2151, 2018 (Journal Indexed in SCI)

- X. **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 (Journal Indexed in SCI)
- XI. **Novel Azole-Functionalized Fluoroquinolone 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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **Synthesis of some new hybrid 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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **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 (Journal Indexed in SCI)
- XXXVI. **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 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **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 (Journal Indexed in SCI)
- XL. **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 (Journal Indexed in SCI)
- XLI. **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 (Journal Indexed in SCI)
- XLII. **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 (Journal Indexed in SCI)
- XLIII. **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 (Journal Indexed in SCI)
- XLIV. **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 (Journal Indexed in SCI)
- XLV. **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 (Journal Indexed in SCI)
- XLVI. **Long-term wear on outside walls of buildings by sulfur dioxide corrosion**
DEMIRBAS A., OZTURK T., Karatas F. Ö.
CEMENT AND CONCRETE RESEARCH, vol.31, no.1, pp.3-6, 2001 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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
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- 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**

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OZDEMİR S. B. , DEMİRBAŞ A., BAYRAK H., DEMİRBAŞ N.
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- 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.
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- 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.
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- 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.
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- 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 Antipyrene**
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 antypyrene

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.
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- 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., Menteşe 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 içeren 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 içeren Triazol Türevlerinin Sentezi, Antimikrobiale 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, Antimikrobiale 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 Antimikrobiale 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 Antimikrobiale 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 Antimikrobiale 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.
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- 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.
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- 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.
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- LXXVII. **Muhtemel Antimikrobiyal Bileşikler olarak Antipirin Halkası içeren 1,2,4-Triazol-3-on Türevlerinin Sentezi**
BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.
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- LXXVIII. **1,2,4-Biheterosiklik Triazol Türevlerinin Sentezi ve Özelliklerinin İncelenmesi**
BAYRAK H., DEMİRBAŞ N., DEMİRBAŞ A.
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Şahin D., DEMİRBAŞ A., DEMİRBAŞ N., BAYRAK H.
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h-index (WOS):18