

Prof. CANAN ÜNALEROĞLU

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 1983 - 1988

Post Graduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 1979 - 1983

Under Graduate, Hacettepe Üniversitesi, Kimya Fakültesi, Kimyagerlik, Turkey 1974 - 1979

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Chemistry, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1979 - Continues

Professional Experience

Head of Department, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2011 - 2017

Head of Department, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2008 - 2011

Courses

KIM653 001 ORGANİK SPEKTRAL YAPI ANALIZI, Post Graduate, 2017 - 2018

KIM461 001 ORGANİK KİMYA LAB.II, Under Graduate, 2017 - 2018

KIM700 013 SEMİNER, Post Graduate, 2017 - 2018

KIM485 013 BITİRME ÖDEVI, Under Graduate, 2017 - 2018

KIM311 001 ORGANİK YAPI ANALIZI, Under Graduate, 2016 - 2017, 2017 - 2018

KIM698 013 ÖZEL KONULAR, Post Graduate, 2017 - 2018

KIM413 001 ORGANİK KİMYA III, Under Graduate, 2016 - 2017, 2017 - 2018

FBE601 018 001 BİLİMSEL ARASTIRMA TEKNİĞİ VE YAYIN ETİĞİ, Post Graduate, 2017 - 2018

KIM798 013 ÖZEL KONULAR, Doctorate, 2016 - 2017, 2017 - 2018

KIM154 001 GENEL KİMYA II, Under Graduate, 2016 - 2017

KIM386 001 ORGANİK KİMYA LAB I, Under Graduate, 2016 - 2017
KIM358 001 ORGANİK KİMYA II, Under Graduate, 2016 - 2017
KIM461 028 ORGANİK KİMYA LAB.II, Under Graduate, 2016 - 2017
KIM698 051 ÖZEL KONULAR, Post Graduate, 2016 - 2017

Advising Theses

ÜNALEROĞLU C., Ester ve hidrazon süstitüye bodipy bileşiklerinin sentezi ve fotofiziksel özelliklerinin incelenmesi, Post Graduate, Ç.GAYRETLİ(Student), 2017
ÜNALEROĞLU C., Yüksek pH değerlerinde çalışan bodipy tabanlı floresan pH sensörlerinin tasarımı ve sentezi, Post Graduate, N.TUNÇER(Student), 2017
ÜNALEROĞLU C., Synthesis of biologically active heterocyclic compounds using ketonic Mannich bases, Doctorate, E.HAMIED(Student), 2017
ÜNALEROĞLU C., Mezo-süstitüe tripirran ve tetrapirran bileşiklerinin seçimli sentezi ve porfirin kimyasındaki uygulamaları, Doctorate, G.AYDIN(Student), 2016
ÜNALEROĞLU C., Ketonik Mannich bazları kullanılarak süstitüe indol, benzimidazol ve benzotriazol bileşiklerinin sentezi, Post Graduate, P.SEYİTDANLIOĞLU(Student), 2016
ÜNALEROĞLU C., Kiral fonksiyonel gruplar içeren yeni porfirin türevlerinin sentezi ve karakterizasyonu, Post Graduate, D.ERKEN(Student), 2014
ÜNALEROĞLU C., Yeni bodipy bileşiklerinin sentezi ve spektral özelliklerinin incelenmesi, Post Graduate, E.TEKNİKEL(Student), 2013
ÜNALEROĞLU C., Michael addition of heteroaromatic compounds to α,β -unsaturated phosphonates and their reactions, Doctorate, D.İŞİK(Student), 2012
ÜNALEROĞLU C., Nitroalkenlere 1,4-katılması ve halkalaşma tepkimelerinin incelenmesi, Post Graduate, S.ÇINAR(Student), 2012
ÜNALEROĞLU C., Addition reactions of aromatic compounds to multiple bonds in the presence of metal trifluoromethanesulfonates, Doctorate, B.TEMELLİ(Student), 2008

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

- I. **A computational insight on designing low electronic energy gap benzothiadiazole/benzoselenadiazole-pyrrole copolymers**
SEYİTDANLIOĞLU ŞİRİN P., ÜNAL CİVCİR P., ÜNALEROĞLU C.
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, 2020 (Journal Indexed in SCI)
- II. **A Finding on the Direct Regioselective Cyanation of BODIPY**
Gayretli C., TEKNİKEL E., Cinar S., ÜNALEROĞLU C.
Synlett, vol.31, no.11, pp.1064-1066, 2020 (Journal Indexed in SCI)
- III. **Exciton coupling and energy transfer in oxygen-bridged unsymmetrical BODIPY dyads**
TEKNİKEL E., ÜNALEROĞLU C.
Journal of Photochemistry and Photobiology A: Chemistry, vol.385, 2019 (Journal Indexed in SCI)
- IV. **Design, synthesis, and antitumor evaluation of novel methylene moiety-tethered tetrahydroquinoline derivatives**
Hanashalshahaby E. H. A. , ÜNALEROĞLU C., Can A. A. K. , Ozgun A., GARİPCAN B.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.6, pp.1552-1569, 2019 (Journal Indexed in SCI)
- V. **Rationally Designed Fluorescent pH Sensors for Measurements in Extremely Alkaline Media**
Tuncer N., TEKNİKEL E., ÜNALEROĞLU C.
Journal of Fluorescence, vol.28, no.6, pp.1413-1420, 2018 (Journal Indexed in SCI)
- VI. **Selective synthesis of 5-aryl-10-(nitromethyl) substituted 15-azatripyrrane, 15-oxatripyrrane and 15-thiatripyrrane: access to nitromethyl functionalized A(3)B-porphyrins**

- SEYİTDANLIOĞLU ŞİRİN P., Altundal G., Cinar S., ÜNALEROĞLU C.
NEW JOURNAL OF CHEMISTRY, vol.42, no.17, pp.14163-14169, 2018 (Journal Indexed in SCI)
- VII. **N-phosphorylation of pyrroles: An intramolecular migration reaction**
Tasgin D. I., ÜNALEROĞLU C.
TETRAHEDRON LETTERS, vol.59, no.20, pp.1955-1957, 2018 (Journal Indexed in SCI)
- VIII. **Selective synthesis of 5-aryl-10-(nitromethyl) substituted 15-azatripyrrane, 15-oxatripyrrane and 15-thiatripyrrane: access to nitromethyl functionalized A(3)B-porphyrins**
ÜNALEROĞLU C.
NEW JOURNAL OF CHEMISTRY, no.42, pp.14163-14169, 2018 (Journal Indexed in SCI)
- IX. **An efficient water-mediated synthetic route for the alkylation of heteroarenes**
SEYİTDANLIOĞLU P., Hanashalshahaby E. H. A., ÜNALEROĞLU C.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.6, pp.1598-1610, 2018 (Journal Indexed in SCI)
- X. **Facile synthesis of heteroaryl substituted gamma-lactams from nitrovinyl arenes**
Cinar S., ÜNALEROĞLU C.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.1, pp.29-35, 2018 (Journal Indexed in SCI)
- XI. **Design, synthesis and cytotoxic evaluation of beta-aryl-alpha-dimethoxyphosphoryl-gamma-lactams**
Cinar S., ÜNALEROĞLU C., Ak A., Garipcan B.
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.5, pp.1022-1028, 2017 (Journal Indexed in SCI)
- XII. **Ring annulation versus alkylation of pyrrole with alpha-phosphoryl-alpha,beta-unsaturated ketones**
Tasgin D. I., ÜNALEROĞLU C.
TETRAHEDRON, vol.72, no.39, pp.5934-5942, 2016 (Journal Indexed in SCI)
- XIII. **Selective Synthesis of Tripyrranes, Tetrapyrroles, and Corroles**
AYDIN G., TEMELLİ B., ÜNALEROĞLU C.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, no.34, pp.7583-7593, 2015 (Journal Indexed in SCI)
- XIV. **Colorimetric and fluorometric pH sensor based on bis(methoxycarbonyl)ethenyl functionalized BODIPY**
TEKNİKEL E., ÜNALEROĞLU C.
DYES AND PIGMENTS, vol.120, pp.239-244, 2015 (Journal Indexed in SCI)
- XV. **Mannich Bases as Enone Precursors for Water-Mediated Efficient Synthesis of 2,3,6-Trisubstituted Pyridines and 5,6,7,8-Tetrahydroquinolines**
HANASHALSHAHABY E. H. A., ÜNALEROĞLU C.
ACS COMBINATORIAL SCIENCE, vol.17, no.6, pp.374-380, 2015 (Journal Indexed in SCI)
- XVI. **Electrochemistry of poly(5-phenyl dipyrromethane) and its characterization**
BOLAT G., Kuralay F., TEMELLİ B., ÜNALEROĞLU C., ABACI S.
POLYMER BULLETIN, vol.72, no.4, pp.867-879, 2015 (Journal Indexed in SCI)
- XVII. **Access to pyrrole-based heterocyclic compounds via addition of pyrrole to C=C and C=N bonds**
ÜNALEROĞLU C., TEMELLİ B., Tasgin D. I.
PURE AND APPLIED CHEMISTRY, vol.86, no.6, pp.925-932, 2014 (Journal Indexed in SCI)
- XVIII. **Direct Transformation of Primary Nitro Compounds into Nitriles with Sodium Dithionite**
Temelli B., ÜNALEROĞLU C.
SYNTHESIS-STUTTGART, vol.46, no.10, pp.1407-1412, 2014 (Journal Indexed in SCI)
- XIX. **A new reagent for the synthesis of [26]hexaphyrin: N-sulfonyl aldimine**
Cinar S., TEMELLİ B., ÜNALEROĞLU C.
TETRAHEDRON LETTERS, vol.55, no.2, pp.544-547, 2014 (Journal Indexed in SCI)
- XX. **Michael Addition of N-Heteroaromatics to Vinylphosphonates and Synthesis of Phosphoryl Pyrrolizones by Cyclization of Michael Adducts**
Tasgin D. I., ÜNALEROĞLU C.
SYNTHESIS-STUTTGART, vol.45, no.2, pp.193-198, 2013 (Journal Indexed in SCI)
- XXI. **A novel polypyrrole-phenylboronic acid based electrochemical saccharide sensor**
Aytac S., Kuralay F., BOYACI İ. H., ÜNALEROĞLU C.
SENSORS AND ACTUATORS B-CHEMICAL, vol.160, no.1, pp.405-411, 2011 (Journal Indexed in SCI)

- XXII. **The reaction of N-tosyl imines with heteroaromatic compounds: a new access to triheteroarylmethanes**
Temelli B., Tasgin D. I., ÜNALEROĞLU C.
TETRAHEDRON, vol.66, no.34, pp.6765-6768, 2010 (Journal Indexed in SCI)
- XXIII. **Enantioselective addition of diethylzinc to aldehydes catalyzed by beta-amino alcohols derived from (1R,2S)-norephedrine**
Tasgin D. I., ÜNALEROĞLU C.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.24, no.1, pp.33-37, 2010 (Journal Indexed in SCI)
- XXIV. **An Efficient Synthetic Route for Pyrrolizinone Synthesis through Functionalized C-Alkylpyrroles**
ÜNALEROĞLU C., Tasgin D. I., Aytac S., TEMELLİ B.
SYNTHESIS-STUTT GART, no.19, pp.3243-3250, 2009 (Journal Indexed in SCI)
- XXV. **Synthesis of meso-tetraphenyl porphyrins via condensation of dipyrromethanes with N-tosyl imines**
TEMELLİ B., ÜNALEROĞLU C.
TETRAHEDRON, vol.65, no.10, pp.2043-2050, 2009 (Journal Indexed in SCI)
- XXVI. **Regioselective alkylation of pyrrole with 2-benzylidenemalononitriles catalyzed by Cu(OTf)₂**
Tasgin D. I., TEMELLİ B., Yazici A., Aytac S., ÜNALEROĞLU C.
LETTERS IN ORGANIC CHEMISTRY, vol.5, no.3, pp.165-168, 2008 (Journal Indexed in SCI)
- XXVII. **Gadolinium triflate catalyzed alkylation of pyrroles: efficient synthesis of 3-oxo-2,3-dihydro-1H-pyrrolizine derivatives**
ÜNALEROĞLU C., Yazici A.
TETRAHEDRON, vol.63, no.25, pp.5608-5613, 2007 (Journal Indexed in SCI)
- XXVIII. **Copper triflate catalyzed regioselective alkylation of pyrrole: Conversion of 2-alkylated pyrroles to novel pyrrolizine derivatives by self-cyclization**
ÜNALEROĞLU C., Aytac S., TEMELLİ B.
HETEROCYCLES, vol.71, no.11, pp.2427-2440, 2007 (Journal Indexed in SCI)
- XXIX. **Synthesis and characterization of transition metal-vitamin B13 complexes mixed with a co-vitamin**
Kose D. A., Zumreoglu-Karan B., Unaleroglu C., Sahin O., Buyukgungor O.
JOURNAL OF COORDINATION CHEMISTRY, vol.59, no.18, pp.2125-2133, 2006 (Journal Indexed in SCI)
- XXX. **A novel method for the synthesis of dipyrromethanes by metal triflate catalysis**
Temelli B., Unaleroglu C.
TETRAHEDRON, vol.62, no.43, pp.10130-10135, 2006 (Journal Indexed in SCI)
- XXXI. **Computational study of the synthesis of benzoin derivatives from benzil**
Topal K., Unaleroglu C., Aviyente V.
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, vol.106, no.7, pp.1596-1610, 2006 (Journal Indexed in SCI)
- XXXII. **Synthesis of novel norephedrine-based chiral ligands with multiple stereogenic centers and their application in enantioselective addition of diethylzinc to aldehyde and chalcone**
Unaleroglu C., Aydin A. E., Demir A. S.
TETRAHEDRON-ASYMMETRY, vol.17, no.5, pp.742-749, 2006 (Journal Indexed in SCI)
- XXXIII. **Regioselective addition of pyrrole to N-tosyl imines in the presence of Cu(OTf)₂**
Temelli B., Unaleroglu C.
TETRAHEDRON LETTERS, vol.46, no.46, pp.7941-7943, 2005 (Journal Indexed in SCI)
- XXXIV. **Structural and magnetic studies on mono- and polynuclear chromium ascorbate complexes**
Zumreoglu-Karan B., Ay A. N., Unaleroglu C., Firat T., Ristau T., Jabs W.
TRANSITION METAL CHEMISTRY, vol.30, no.4, pp.451-459, 2005 (Journal Indexed in SCI)
- XXXV. **Metal triflates-catalyzed conjugate addition of homochiral Pyrroles to alpha,beta-unsaturated esters**
Unaleroglu C., Temelli B., Demir A. s.
SYNTHESIS-STUTT GART, no.15, pp.2574-2578, 2004 (Journal Indexed in SCI)
- XXXVI. **Effects of neutral, cationic, and anionic chromium ascorbate complexes on isolated human mitochondrial and genomic DNA**
Ay A. N., Zumreoglu-Karan B., Oner R., Unaleroglu C., Oner C.
JOURNAL OF BIOCHEMISTRY AND MOLECULAR BIOLOGY, vol.36, no.4, pp.403-408, 2003 (Journal Indexed in SCI)

- XXXVII. **Monodentate chromium(III) ascorbate complexes prepared via chromate reduction in THF**
Zumreoglu-Karan B., Ay A. N., Unaleroglu C.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.32, no.6, pp.1071-1084, 2002
(Journal Indexed in SCI)
- XXXVIII. **Ascorbic acid as a potential masking agent in the tanning process. Olated chromium complexes involving ligating ascorbate and bridging sulfate groups**
Zumreoglu-Karan B., Unaleroglu C., Ay A. N.
TRANSITION METAL CHEMISTRY, vol.27, no.4, pp.437-441, 2002 (Journal Indexed in SCI)
- XXXIX. **Lead tetraacetate mediated one-pot multistage transformations: Theoretical studies on the diverging behavior in the Hajos-Parrish and Wieland-Miescher series**
Unaleroglu C., Aviyente V., Arseniyadis S.
JOURNAL OF ORGANIC CHEMISTRY, vol.67, no.8, pp.2447-2452, 2002 (Journal Indexed in SCI)
- XL. **Zinc ascorbate: a combined experimental and computational study for structure elucidation**
Unaleroglu C., Zumreoglu-Karan B., Mert Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.605, pp.227-233, 2002 (Journal Indexed in SCI)
- XL1. **A facile synthesis and characterization of the novel 2,2-dichloro-1-[3-(2,2-dichloro-acetyl)-2-(4-methoxy-phenyl)-imidazolidin-1-yl]-ethanone**
UNALEROGLU C., TEMELLI B., Hokelek T.
SYNTHETIC COMMUNICATIONS, vol.32, no.21, pp.3255-3261, 2002 (Journal Indexed in SCI)
- XLII. **The crystal structure and conformational analysis of N,N'-bis(5-bromo-2-hydroxybenzylidene)ethylenediamine**
UNALEROGLU C., Hokelek T.
SPECTROSCOPY LETTERS, vol.35, no.2, pp.317-326, 2002 (Journal Indexed in SCI)
- XLIII. **Synthesis and characterization of copper ascorbate**
Unaleroglu C., Mert Y., Zumreoglu-Karan B.
SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, vol.31, no.9, pp.1531-1543, 2001
(Journal Indexed in SCI)
- XLIV. **Conformational and structural analysis of N,N'-bis(4-methoxybenzylidene)ethylenediamine**
UNALEROGLU C., TEMELLI B., Hokelek T.
JOURNAL OF MOLECULAR STRUCTURE, vol.570, pp.91-95, 2001 (Journal Indexed in SCI)
- XLV. **Crystal structure of N,N-bis(4-hydroxy-benzylidene)ethylenediamine center dot methanol**
Hokelek T., UNALEROGLU C.
ANALYTICAL SCIENCES, vol.17, no.5, pp.679-680, 2001 (Journal Indexed in SCI)
- XLVI. **Crystal structure of [bis(N,N,N',N'-tetramethylethylenediamine)-O,O'-mu-O,O'-oxalato]dihydroxy dicopper(II)**
Hokelek T., UNALEROGLU C., MERT Y.
ANALYTICAL SCIENCES, vol.16, no.11, pp.1235-1236, 2000 (Journal Indexed in SCI)
- XLVII. **N,N,N',N'-tetramethylethylenediammonium dichloride**
Kabak M., Elerman Y., Unaleroglu C., Mert Y., Durlu T.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.56, 2000 (Journal Indexed in SCI)
- XLVIII. **Crystal structure of gadolinium 3,5-dinitrobenzoate dihydrate**
Ulku D., Arici C., Tahir M., Unaleroglu C.
ANALYTICAL SCIENCES, vol.15, no.9, pp.929-930, 1999 (Journal Indexed in SCI)
- XLIX. **Samarium 3,5-dinitrobenzoate dihydrate**
Arici C., Ulku D., Tahir M., Unaleroglu C.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.55, pp.198-200, 1999
(Journal Indexed in SCI)
- L. **catena-poly[[tetrakis(mu-3,5-dinitrobenzoato-O : O')dicopper(II)]bis[(mu-3,5-dinitro-benzoato-O : O')(methanol-O)copper(II)]]**
Hokelek T., MERT Y., UNALEROGLU C.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.54, pp.310-313, 1998 (Journal Indexed in SCI)

- LI. **Comments: "Synthesis and structure of [Ln(H₂O)(3)](2)(C₂O₄)(3) with Ln = Eu, Gd, Tb and Dy"**
UNALEROGLU C., ZUMREOGLU-KARAN B., ZENCİR Y., Hokelek T.
POLYHEDRON, vol.17, no.22, pp.3979-3980, 1998 (Journal Indexed in SCI)
- LII. **pH-Independent decomposition reactions of L-ascorbic acid in aqueous metal solutions. 2. Imaging by scanning tunneling microscopy**
Zareie M., Zencir Y., Unaleroglu C., Zumreoglu-Karan B., Piskin E.
POLYHEDRON, vol.17, no.16, pp.2633-2638, 1998 (Journal Indexed in SCI)
- LIII. **pH-independent decomposition reactions of L-ascorbic acid in aqueous metal solutions .1. Formation and structures of Co-II and Gd-III oxalates**
UNALEROGLU C., ZUMREOGLU KARAN B., ZENCİR Y., Hokelek T.
POLYHEDRON, vol.16, no.13, pp.2155-2161, 1997 (Journal Indexed in SCI)
- LIV. **Cerium 3,5-dinitrobenzoate dihydrate**
Tahir M., Ulku D., Unaleroglu C., Movsumov E.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.52, pp.1449-1451, 1996 (Journal Indexed in SCI)
- LV. **CHARACTERIZATION AND MAGNETIC-BEHAVIOR OF COBALT(II) AND GADOLINIUM(III) POLYACRYLATES**
UNALEROGLU C., ZUMREOGLUKARAN B., OZCAN S., FIRAT T.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.56, no.10, pp.1239-1243, 1995 (Journal Indexed in SCI)
- LVI. **A NEW APPROACH TO THE GEOMETRY OPTIMIZATION OF MOLECULAR-STRUCTURES - THE SLIDING-RANGE METHOD**
UNALEROGLU C., FIRAT T., BALCIOGLU N.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.74, pp.323-328, 1991 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Novel Approach to the Synthesis of Alkyl-Substituted A3B Porphyrins (Alkil-Substitüye A3B Porfirinlerin Sentezi için Yeni Bir Yaklaşım)**
ÇINAR S., SEYİTDANLIOĞLU P., Altundal G., ÜNALEROĞLU C.
Transmediterranean Colloquium on Heterocyclic Chemistry (TRAMECH IX 2017), Fez, Morocco, 22 - 25 November 2017
- II. **A NOVEL APPROACH TO THE SYNTHESIS OF NITROALKYL-SUBSTITUTED A3B PORPHYRINS**
Çınar S., SEYİTDANLIOĞLU P., Altundal G., ÜNALEROĞLU C.
TRANSMEDITRANEAN COLLOQUIUM ON HETEROCYCLIC CHEMISTRY (TRAMECH IX 2017), 22 - 25 November 2017
- III. **Ester, Hidrazon ve Aril Azo Gruplarıyla Fonksiyonlandırılmış BODIPY Bileşikleri**
TEKNİKEL E., ÜNALEROĞLU C.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- IV. **Simetrik Olmayan Tripiran Bileşiklerinden Çıkılarak Mezo Konumunda Alifatik Nitro Grubu Taşıyan A3B Tipi Porfirinlerin Sentezi**
SEYİTDANLIOĞLU P., ÇINAR S., ÜNALEROĞLU C.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- V. **Genişletilmiş Porfirin Bileşiklerinin Sentezinde Substitüent Etkisi**
ÇINAR S., ÜNALEROĞLU C.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- VI. **Design and Synthesis of Pyrrole and Pyridine Based Heterocycles**
ÜNALEROĞLU C.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 30 March - 02

April 2017

VII. **A New Method for the synthesis of A3B type porphyrins**

Çınar S., ÜNALEROĞLU C.

Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, 11 - 15 November 2015

VIII. **HETEROAROMATICS SUBSTITUTED PHOSPHONATE ANALOGUES**

İŞİK TAŞGIN D., ÜNALEROĞLU C.

Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, 11 - 15 November 2015

IX. **Utilization of Mannich bases in the Synthesis of Polysubstituted Pyridines and Nitroalkenes in the Functionalization of Oligopyrroles**

ÜNALEROĞLU C.

TRAMECH VIII, 11 - 15 November 2015

X. **PIROLÜN KETO VİNİLFOSFONATLARA METAL TRİFLATLAR KATALİZÖRLÜĞÜNDE MICHAEL KATILMASI**

İŞİK TAŞGIN D., ÜNALEROĞLU C.

27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

XI. **Nitrovinil Aren Bileşiklerine Katılma Tepkimeleri ve Katılma Ürünlerinin Kimyası**

Çınar S., ÜNALEROĞLU C.

27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

XII. **BODIPY ler İçin Alternatif pH Algılayıcı Grup Ester**

TEKNİKEL E., ÜNALEROĞLU C.

ULUSAL ORGANİK KİMYA KONGRESİ, Turkey, 24 - 26 September 2014

Supported Projects

ÜNALEROĞLU C., Project Supported by Higher Education Institutions, Pırolün Vinifosfonatlara Metal Triflatlar Katalizörlüğünde Michael Katılması ve Moleküllüçü Halkalaşma Tepkimeleri, 2011 - Continues

ÜNALEROĞLU C., Project Supported by Higher Education Institutions, Heterohalkalı yapıların fonksiyonlandırılması, 2017 - 2018

GÜRPINAR Ö. A. , ÜNALEROĞLU C., ONUR M. A. , Project Supported by Higher Education Institutions, Fen ve Mühendislik Fakülteleri Sıvı Azot İlişkili Cihazlar ve Laboratuvarların İyileştirilmesi, 2016 - 2018

ÜNALEROĞLU C., Çınar S., TEKNİKEL E., Project Supported by Higher Education Institutions, Yüksek pH Ölçümleri için BODIPY Tabanlı Floresan Sensörler, 2015 - 2018

ÜNALEROĞLU C., Project Supported by Higher Education Institutions, Dipirolmetanların heksansu karışımlarında sentezi, 2016 - 2016

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