

# Prof. CİHANGİR TANYELİ

## Personal Information

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## Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1984 - 1988

## Dissertations

Doctorate, Biomimetic synthesis of aromatic natural products via polyketide intermediates, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 1988

## Research Areas

Chemistry, Organic Chemistry, Chemistry of Asymmetric Synthesis, Natural Sciences

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 1997 - Continues

## Courses

ORGANIC CHEMISTRY: REACTIONS&SYNTHESIS, Doctorate, 2018 - 2019

## Advising Theses

TANYELİ C., Asymmetric synthesis of 2,3-dihydrofurans with bifunctional quinine / squaramide organocatalysts, Postgraduate, M.Bozdemir(Student), 2019

Tanyeli C., Asymmetric organocatalytic sulfa-Michael reactions of thioglycolate with isatin derived nitroalkenes, Postgraduate, S.SAĞESEN(Student), 2018

Tanyeli C., Enantioselective decarboxylative Michael and aldol reactions with bifunctional squaric organocatalysts, Postgraduate, E.BAYER(Student), 2018

TANYELİ C., Bifunctional 2-aminodmap/thiourea catalyzed enantioselective michael addition of thioacetic acid to trans-beta-nitrostyrenes, Postgraduate, Z.Kabasakal(Student), 2013

TANYELİ C., Enantioselective formal synthesis of pregabalin with bifunctional acid/base organocatalysts, Postgraduate, M.Kapucu(Student), 2013

DEMİR A. S. , TANYELİ C., Novel supramolecular organocatalyst for asymmetric aldol reactions, Postgraduate, E.Demircan(Student), 2013

TANYELİ C., Synthesis of bifunctional 2-aminodmap/prolinamide organocatalysts and their use in asymmetric michael

reaction to afford warfarin, Postgraduate, H.Ufuk(Student), 2012

TANYELİ C., Synthesis of n-(2-propylphenyl) substituted chiral amino alcohols and their usage in enantioselective diethylzinc addition reactions, Postgraduate, Z.İnci(Student), 2011

TANYELİ C., Remote control of the diastereoselectivity in the pauson-khand reactions of chiral enynes, Doctorate, S.Sezer(Student), 2011

TANYELİ C., Synthesis of macromolecular catalyst systems and applications, Doctorate, F.Oğuzkaya(Student), 2011

TANYELİ C., Chiral 2-aminodmap/sulfonamides and squaramides as bifunctional acid/base organocatalysts in asymmetric catalysis, Doctorate, M.Işık(Student), 2011

TANYELİ C., Development of novel asymmetric catalysts for various transformations and investigation of a rearrangement reaction, Doctorate, E.Yusuf(Student), 2010

TANYELİ C., Chemoenzymatic synthesis of enantiomerically enriched gamma and delta lactones, Postgraduate, M.Şardan(Student), 2010

TANYELİ C., Asymmetric synthesis of 1,4-diamine based chiral ligand and organocatalyst and their applications, Postgraduate, O.Ortaylı(Student), 2010

TANYELİ C., Synthesis of chiral diene systems via ring closing enyne metathesis and their applications in diels-alder reactions, Postgraduate, M.Çayır(Student), 2010

TANYELİ C., Stereoselective synthesis of cyclopentanoids and cyclitol derivatives originated from polychlorinated norbornene systems, Doctorate, A.Gümüş(Student), 2009

TANYELİ C., Asymmetric synthesis of chiral camphor fused pyridine type novel organocatalysts, Postgraduate, M.Küçükdişli(Student), 2009

TANYELİ C., Synthesis of heteroaryl substituted dihydrofuran and dihydropyran derivatives by green chemistry approach, Postgraduate, S.Demirci(Student), 2009

TANYELİ C., Synthesis of 2-heteroaryl substituted chiral fused cyclopenta[c]pyridine derivatives via pauson-khand reaction, Postgraduate, Y.Gümrükçü(Student), 2009

TANYELİ C., Synthesis of novel chiral N,N-dialkyl substituted 1,4-amino alcohols and applications in asymmetric transformation reactions, Postgraduate, E.Çakır(Student), 2007

TANYELİ C., Synthesis of heterocyclic amine substituted novel 1,4-Aminoalcohols and applications in various asymmetric transformations, Postgraduate, E.Keskin(Student), 2007

TANYELİ C., Asymmetric synthesis of norbornene based 1,4-Aminoalcohol derivatives and applications in asymmetric diethylzinc reactions, Postgraduate, M.Erdem(Student), 2007

TANYELİ C., Asymmetric synthesis of N-aryl substituted chiral 1,4-aminoalcohol derivatives and applications in various asymmetric transformation reactions, Postgraduate, S.Odabaş(Student), 2007

TANYELİ C., Novel studies on the chemoenzymatic synthesis of polychlorinated bicyclic systems and the synthesis of C2 and C3 symmetric chiral ligands, Postgraduate, Y.Emre(Student), 2006

TANYELİ C., Stereoselective synthesis of optically active cyclitol precursors via chemoenzymatic method and synthesis of a nucleoside precursor, Postgraduate, F.Oğuzkaya(Student), 2006

TANYELİ C., Synthesis of 1,2-amino alcohols having tertiary alcohol moiety, Postgraduate, B.Sümer(Student), 2006

TANYELİ C., New strategy for the synthesis of chiral N-substituted-3,4-dialkoxypyrrole from 2,5-dihydro-2,5-dimethoxyfuran, Postgraduate, F.Kapaklı(Student), 2006

TANYELİ C., Chemoenzymatic synthesis of enantiomerically enriched 2-oxobicyclo[m.1.0]alkan-3-yl acetate derivatives, Postgraduate, S.Atlı(Student), 2005

TANYELİ C., Asymmetric syntheses of various novel chiral ligands with norbornene backbone : the use of chiral catalyst in asymmetric reactions, Doctorate, O.Elmalı(Student), 2005

TANYELİ C., Synthesis and enzymatic resolution of various cyclopentenoid and cyclohexenoid type compounds, Doctorate, Ç.İyigün(Student), 2005

TANYELİ C., Synthesis of various camphor-based chiral pyridine derivatives, Postgraduate, M.Işık(Student), 2005

TANYELİ C., Asymmetric synthesis of norbornene based 1,4-amino alcohol derivatives and applications in asymmetric transformations, Postgraduate, M.Sünbül(Student), 2005

TANYELİ C., Transformation of cyclohexanone derivatives to bicyclic furan and pyrrole derivatives, Postgraduate, E.Yusuf(Student), 2004

TANYELİ C., Chemoenzymatic synthesis of biologically active natural products, Postgraduate, E.Turkut(Student), 2004

TANYELİ C., Asymmetric synthesis of chiral bidentate ligands, Postgraduate, S.Özçubukçu(Student), 2002

TANYELİ C., Synthesis and optimization of tempo based polymeric oxidation catalysts, Postgraduate, A.Tosun(Student), 2002

TANYELİ C., Enantiomeric resolution of (+-)-2-substituted norbornadiene and perchloro norbornadiene derivatives via hydrolase type enzymes, Postgraduate, G.Çelikel(Student), 2000

TANYELİ C., Synthesis and biotransformation studies of various appealing synthons for biologically active natural products, Postgraduate, B.Sezen(Student), 2000

TANYELİ C., BALCI M., Enantiomeric resolution of racemic secondary N-methyl-2-pyrrolyl carbinols by Candida Cylindracea Lipase (CCL), Postgraduate, E.Başığit(Student), 2000

TANYELİ C., BALCI M., Enantiomeric resolution of racemic tertiary 1-methyl-2-pyrrolylcarbinols by candida cylindracea lipase (CCL), Postgraduate, O.Elmalı(Student), 2000

TANYELİ C., Synthesis of enantiomerically pure amino alcohol equivalent compounds, Postgraduate, Ç.İyigün(Student), 1999

TANYELİ C., BALCI M., Synthesis of 2-Thienyl carbinols via enzymatic hydrolysis, Postgraduate, F.Devrim(Student), 1998

TANYELİ C., Enantiomeric separation of various cyclic  $\alpha$ -Acetoxyenones via hydrolase type enzymes, Postgraduate, E.Dikici(Student), 1997

TANYELİ C., Enantiomeric resolution of racemic 2-furylcarbinols by pig liver esterase (PLE), Postgraduate, A.Hakan(Student), 1997

TANYELİ C., A novel synthesis of various butenolides, Doctorate, Z.Zerenler(Student), 1996

TANYELİ C., A novel synthesis of unsaturated nitriles via epichlorohydrins intermediates, Postgraduate, C.Güzen(Student), 1994

## Jury Memberships

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, October, 2020

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, September, 2020

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, June, 2020

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2020

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2020

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2020

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, October, 2019

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, August, 2019

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, May, 2019

Associate Professor Exam, Associate Professor Exam, Orta Doğu Teknik Üniversitesi, February, 2019

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, November, 2018

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, October, 2018

Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, September, 2018

Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, September, 2018

Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, September, 2018

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, September, 2018

Appointment Academic Staff, Appointment Academic Staff, Ege Üniversitesi, September, 2018

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, April, 2018

Appointment Academic Staff, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, April, 2018

Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, March, 2018

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

1. **A boron dipyrromethene chiral at boron and carbon with a bent geometry: synthesis, resolution and chiroptical properties**

Işık M., DÜNDAR E., ŞAHİN E., TANYELİ C.

Chemical Communications, vol.58, no.51, pp.7188-7191, 2022 (Journal Indexed in SCI Expanded)

- II. **Enantioselective synthesis of 2,3-dihydrofurans using a bifunctional quinine/squaramide organocatalyst**  
Susam Z. D. , Bozdemir M., Gundogdu G., Tanyeli C.  
NEW JOURNAL OF CHEMISTRY, vol.46, no.2, pp.599-606, 2022 (Journal Indexed in SCI)
- III. **Enantioselective Friedel-Crafts alkylation of indole with nitroalkenes in the presence of bifunctional squaramide organocatalysts**  
Dündar E., Tanyeli C.  
Tetrahedron Letters, vol.73, pp.1-4, 2021 (Journal Indexed in SCI)
- IV. **Recyclable Organocatalysts in Asymmetric Synthesis**  
Susam Z. D. , Tanyeli C.  
Asian Journal of Organic Chemistry, vol.10, no.6, pp.1251-1266, 2021 (Journal Indexed in SCI Expanded)
- V. **The synthesis of chiral beta-naphthyl-beta-sulfanyl ketones via enantioselective sulfa-Michael reaction in the presence of a bifunctional cinchona/sulfonamide organocatalyst**  
Tozendemir D., TANYELİ C.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.17, pp.494-503, 2021 (Journal Indexed in SCI)
- VI. **Bifunctional squaramide catalyzed stereoselective Mannich reaction of alpha-azido ketones with isatin-derived ketimines**  
KARAHAN S., TANYELİ C.  
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.18, no.3, pp.479-487, 2020 (Journal Indexed in SCI)
- VII. **Squaramide catalyzed alpha-chiral amine synthesis**  
Karahan S., TANYELİ C.  
TETRAHEDRON LETTERS, vol.59, no.42, pp.3725-3737, 2018 (Journal Indexed in SCI)
- VIII. **Enantioselective sulfa-Michael addition reaction of methyl thioglycolate to chalcones derivatives with sterically encumbered quinine squaramide organocatalyst**  
HASILCIOĞULLARI D., TANYELİ C.  
TETRAHEDRON LETTERS, vol.59, no.14, pp.1414-1416, 2018 (Journal Indexed in SCI)
- IX. **Asymmetric organocatalytic direct Mannich reaction of acetylacetone and isatin derived ketimines: Low catalyst loading in chiral cinchona-squaramides**  
İŞİBOL D., Karahan S., TANYELİ C.  
TETRAHEDRON LETTERS, vol.59, no.6, pp.541-545, 2018 (Journal Indexed in SCI)
- X. **Organocatalytic enantioselective construction of isatin-derived N-alkoxycarbonyl 1,3-aminonaphthols via sterically encumbered hydrocarbon-substituted quinine-based squaramide**  
Karahan S., TANYELİ C.  
NEW JOURNAL OF CHEMISTRY, vol.41, no.17, pp.9192-9202, 2017 (Journal Indexed in SCI)
- XI. **Enantioselective aza-Henry reaction of t-Boc protected imines and nitroalkanes with bifunctional squaramide organocatalysts**  
SUSAM D., TANYELİ C.  
NEW JOURNAL OF CHEMISTRY, vol.41, no.9, pp.3555-3561, 2017 (Journal Indexed in SCI)
- XII. **Divergent synthesis of polysubstituted isoxazoles, isoxazoline N-oxides, and dihydroisoxazoles by a one-pot cascade reaction**  
Rouf A., ŞAHİN E., TANYELİ C.  
TETRAHEDRON, vol.73, no.4, pp.331-337, 2017 (Journal Indexed in SCI)
- XIII. **Squaramide Based Organocatalysts in Organic Transformations**  
Rouf A., TANYELİ C.  
Current Organic Chemistry, vol.20, no.28, pp.2996-3013, 2016 (Journal Indexed in SCI Expanded)
- XIV. **Synthesis of new N-heteroaromatic attached tetraphenylethene based luminogens having aggregation induced emission and their applications in organic light emitting diodes**  
ODABAŞ S., TEKİN E., TÜRKSOY F., TANYELİ C.  
JOURNAL OF LUMINESCENCE, vol.176, pp.240-249, 2016 (Journal Indexed in SCI)

- XV. **A bis-Lewis basic 2-aminoDMAP/prolinamide organocatalyst for application to the enantioselective synthesis of Warfarin and derivatives**  
IŞIK M., Akkoca H. U. , Akhmedov I. M. , TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.27, pp.384-388, 2016 (Journal Indexed in SCI)
- XVI. **SYNTHESIS OF A NEW ELECTROCHROMIC POLYMER BASED ON TETRAPHENYLETHYLENE CORED TETRAKIS CARBAZOLE COMPLEX AND ITS ELECTROCHROMIC DEVICE APPLICATION**  
Carbas B. B. , Odabas S., Turksoy F., TANYELİ C.  
ELECTROCHIMICA ACTA, vol.193, pp.72-79, 2016 (Journal Indexed in SCI)
- XVII. **Enantioselective Michael Addition of Nitroalkanes to Nitroalkenes Catalyzed by Chiral Bifunctional Quinine-Based Squaramides**  
KANBEROĞLU E., TANYELİ C.  
ASIAN JOURNAL OF ORGANIC CHEMISTRY, vol.5, no.1, pp.114-119, 2016 (Journal Indexed in SCI)
- XVIII. **Bioactive thiazole and benzothiazole derivatives**  
Rouf A., TANYELİ C.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.97, pp.911-927, 2015 (Journal Indexed in SCI)
- XIX. **Modularly Evolved 2-AminoDMAP/Squaramides as Highly Active Bifunctional Organocatalysts in Michael Addition**  
Isik M., Unver M. Y. , TANYELİ C.  
JOURNAL OF ORGANIC CHEMISTRY, vol.80, no.2, pp.828-835, 2015 (Journal Indexed in SCI)
- XX. **Stereoselective Synthesis of 1,2,3-Triazolooxazine and Fused 1,2,3-Triazolo-delta-Lactone Derivatives**  
Gümüş A., Mert K., TANYELİ C.  
HELVETICA CHIMICA ACTA, vol.97, no.10, pp.1340-1344, 2014 (Journal Indexed in SCI)
- XXI. **Asymmetric aldol addition of alpha-azido ketones to ethyl pyruvate mediated by a cinchona-based bifunctional urea catalyst**  
Okumus S., TANYELİ C., DEMİR A. G.  
TETRAHEDRON LETTERS, vol.55, no.31, pp.4302-4305, 2014 (Journal Indexed in SCI)
- XXII. **Chemoenzymatic route to various spirocyclic compounds based on enantiomerically enriched tertiary allylic, homoallylic, and homopropargylic alcohols**  
TANYELİ C., Ozdemirhan D.  
TETRAHEDRON-ASYMMETRY, vol.25, no.8, pp.658-666, 2014 (Journal Indexed in SCI)
- XXIII. **Concise synthesis, electrochemistry and spectroelectrochemistry of phthalocyanines having triazole functionality**  
KARACA H., SEZER S., Ozalp-Yaman S., TANYELİ C.  
POLYHEDRON, vol.72, pp.147-156, 2014 (Journal Indexed in SCI)
- XXIV. **Cu-Catalyzed Selective Mono-N-pyridylation: Direct Access to 2-AminoDMAP/Sulfonamides as Bifunctional Organocatalysts**  
Isik M., TANYELİ C.  
JOURNAL OF ORGANIC CHEMISTRY, vol.78, no.4, pp.1604-1611, 2013 (Journal Indexed in SCI)
- XXV. **Inexpensive and valuable: a series of new luminogenic molecules with the tetraphenylethene core having excellent aggregation induced emission properties**  
Odabas S., Tekin E., Turksoy F., TANYELİ C.  
JOURNAL OF MATERIALS CHEMISTRY C, vol.1, no.42, pp.7081-7091, 2013 (Journal Indexed in SCI)
- XXVI. **Umpolung strategy: Advances in catalytic C-C bond formations**  
EYMUR S., GÖLLÜ M., TANYELİ C.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.4, pp.586-609, 2013 (Journal Indexed in SCI)
- XXVII. **A method for the synthesis of pyridine-based C-2-symmetrical chiral nucleophilic organocatalysts via Pd-catalyzed coupling**  
Yazicioglu E. Y. , TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.23, no.24, pp.1694-1699, 2012 (Journal Indexed in SCI)
- XXVIII. **Stereoselective synthesis of gamma-lactone fused cyclopentanoids**

- Gumus A, TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.23, pp.1405-1409, 2012 (Journal Indexed in SCI)
- XXIX. **Synthesis and biological evaluation of optically active conjugated gamma- and delta-lactone derivatives**  
ŞARDAN M., Sezer S., GUNEL A., AKKAYA M., TANYELİ C.  
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.22, no.18, pp.5814-5818, 2012 (Journal Indexed in SCI)
- XXX. **Stereoselective synthesis of optically active cyclopenta[c]pyridines and tetrahydropyridines**  
SEZER S., GÜMRÜKÇÜ Y., BAKIRCI I., Unver M. Y. , TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.23, no.9, pp.662-669, 2012 (Journal Indexed in SCI)
- XXXI. **Functionalization of poly-SNS-anchored carboxylic acid with Lys and PAMAM: surface modifications for biomolecule immobilization/stabilization and bio-sensing applications**  
DEMİRCİ S., EMRE F. B. , EKİZ F., OĞUZKAYA F., TİMUR S., TANYELİ C., Toppare L.  
ANALYST, vol.137, no.18, pp.4254-4261, 2012 (Journal Indexed in SCI)
- XXXII. **The effect of the donor unit on the optical properties of polymers**  
UNVER E. K. , TARKUC S., Udum Y. A. , TANYELİ C., Toppare L.  
ORGANIC ELECTRONICS, vol.12, no.10, pp.1625-1631, 2011 (Journal Indexed in SCI)
- XXXIII. **Synthesis of L-prolinol substituted novel optically active phthalocyanines**  
KARACA H., Sezer S., TANYELİ C.  
DYES AND PIGMENTS, vol.90, no.2, pp.100-105, 2011 (Journal Indexed in SCI)
- XXXIV. **Stereoselective synthesis of optically active dihydrofurans and dihydropyrans via a ring closing metathesis reaction**  
ÇAYİR M., Demirci S., Sezer S., TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.22, no.11, pp.1161-1168, 2011 (Journal Indexed in SCI)
- XXXV. **Synthesis of new donor-acceptor polymers containing thiadiazoloquinoxaline and pyrazinoquinoxaline moieties: low-band gap, high optical contrast, and almost black colored materials**  
Unver E. K. , Tarkuc S., BARAN D., TANYELİ C., Toppare L.  
TETRAHEDRON LETTERS, vol.52, no.21, pp.2725-2729, 2011 (Journal Indexed in SCI)
- XXXVI. **Synthesis and application of poly-SNS-anchored carboxylic acid: a novel functional matrix for biomolecule conjugation**  
Ekiz F., Oguzkaya F., Akin M., TİMUR S., TANYELİ C., Toppare L.  
JOURNAL OF MATERIALS CHEMISTRY, vol.21, no.33, pp.12337-12343, 2011 (Journal Indexed in SCI)
- XXXVII. **The effect of changes in pi-conjugated terthienyl systems using thienyl and ethylenedioxybenzene functionalized thieno[3,4-b]pyrazine precursors: Multicolored low band gap polymers**  
Tarkuc S., Unver E. K. , Udum Y. A. , TANYELİ C., Toppare L.  
ELECTROCHIMICA ACTA, vol.55, no.24, pp.7254-7258, 2010 (Journal Indexed in SCI)
- XXXVIII. **Effect of Conjugated Core Building Block Dibenzo[a,c]phenazine Unit on pi-Conjugated Electrochromic Polymers: Red-Shifted Absorption**  
Unver E. K. , Tarkuc S., Udum Y. A. , TANYELİ C., Toppare L.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.48, no.8, pp.1714-1720, 2010 (Journal Indexed in SCI)
- XXXIX. **Stereoselective synthesis of optically active cyclopenta[c]pyrans and cyclopenta[c]furans by the intramolecular Pauson-Khand reaction**  
Sezer S., ŞAHİN E., TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.21, no.4, pp.476-485, 2010 (Journal Indexed in SCI)
- XL. **Enzyme-Catalyzed Stereoselective Synthesis of Two Novel Carbasugar Derivatives**  
Gumus A, TANYELİ C.  
HELVETICA CHIMICA ACTA, vol.93, no.10, pp.1882-1893, 2010 (Journal Indexed in SCI)
- XLI. **Electrochromic Properties of a Copolymer of 1-4-Di[2,5-di(2-thienyl)-1H-1-pyrrolyl]benzene with EDOT**  
KİRALP S., ÇAMURLU P., GUNBAS G., TANYELİ C., AKHMEDOV I., Toppare L.

- JOURNAL OF APPLIED POLYMER SCIENCE, vol.112, no.2, pp.1082-1087, 2009 (Journal Indexed in SCI)
- XLII. **Stereoselective synthesis of spirocyclic cyclopentapyrans by the Pauson-Khand reaction on camphor tethered enynes**  
Sezer S., Gumrukcu Y., ŞAHİN E., TANYELİ C.  
TETRAHEDRON-ASYMMETRY, vol.19, no.23, pp.2705-2710, 2008 (Journal Indexed in SCI)
- XLIII. **Electrochromic properties of poly (1-(phenyl)-2,5-di(2-thienyl)-1H-pyrrole-co-3,4-ethylenedioxy thiophene) and its application in electrochromic devices**  
TARKUC S., SAHMETLIOĞLU E., TANYELİ C., Akhmedov I. M. , TOPPARE L. K.  
OPTICAL MATERIALS, vol.30, no.10, pp.1489-1494, 2008 (Journal Indexed in SCI)
- XLIV. **Fine tuning of color via copolymerization and its electrochromic device application**  
ÇAMURLU P., Sahmetlioglu E., Sahin E., Akhmedov I. M. , TANYELİ C., Toppare L.  
THIN SOLID FILMS, vol.516, no.12, pp.4139-4144, 2008 (Journal Indexed in SCI)
- XLV. **Optoelectrochemical properties of the copolymer of 2,5-di(4-methylthiophen-2-yl)-1-(4-nitrophenyl)-1H-pyrrole monomer with 3,4-ethylenedioxythiophene**  
AK M., Tanyeli C., Akhmedo D. M. , Toppare L.  
THIN SOLID FILMS, vol.516, no.12, pp.4334-4341, 2008 (Journal Indexed in SCI)
- XLVI. **A fast switching, low band gap, p- and n-dopable, donor-acceptor type polymer**  
Gunbas G. E. , ÇAMURLU P., Akhmedov I. M. , TANYELİ C., ÖNAL A. M. , Toppare L.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.615, no.1, pp.75-83, 2008 (Journal Indexed in SCI)
- XLVII. **Multichromic conducting copolymer of 1-benzyl-2,5-di(thiophen-2-yl)-1H-pyrrole with EDOT**  
ÇAMURLU P., Tarkuc S., ŞAHMETLİOĞLU E., AKHMEDOV I. M. , TANYELİ C., Toppare L.  
SOLAR ENERGY MATERIALS AND SOLAR CELLS, vol.92, no.2, pp.154-159, 2008 (Journal Indexed in SCI)
- XLVIII. **A soluble conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)benzenamine and its multichromic copolymer with EDOT**  
YILDIZ E., ÇAMURLU P., TANYELİ C., AKHMEDOV I., Toppare L.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.612, no.2, pp.247-256, 2008 (Journal Indexed in SCI)
- XLIX. **Base mediated aromatization of carbonyl condensation products derived from 2-(2-bromoprop-2-enyl)cyclohexanone derivatives via 'intramolecular unsaturation transfer'**  
Yazicioglu E. Y. , Akhmedov I. M. , TANYELİ C.  
HELVETICA CHIMICA ACTA, vol.91, no.6, pp.1148-1155, 2008 (Journal Indexed in SCI)
- L. **Enhancing electrochromic properties of conducting polymers via copolymerization: Copolymer of 1-(4-fluorophenyl)-2,5-di(thiophen-2-yl)-1H-pyrrole with 3,4-ethylene dioxythiophene**  
Turkarşlan O., Ak M., Tanyeli C., Akhmedov I. M. , Toppare L.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.45, no.19, pp.4496-4503, 2007 (Journal Indexed in SCI)
- LI. **Asymmetric synthesis of novel 1,4-aminoalcohol ligands with norbornene and norbornane backbone: use in the asymmetric diethylzinc addition to benzaldehyde**  
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- II. **Organocatalytic Asymmetric Synthesis of Dihydronaphthofurans via Friedel-Crafts / Substitution Domino Type Reaction**  
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- III. **Bifonksiyonel Skuaramit Organokatalizörlerin Friedel/Crafts Domino Tipi Tepkimelerde İncelenmesi**  
SUSAM D., TANYELİ C.  
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- IV. **İsatin Türevi Ketimnlere  $\alpha$ -Azido Ketonların Asimetrik Organokatalitik Katılması**  
KARAHAN S., TANYELİ C.  
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- V. **kiral Tetrahidropridin bileşiklerinin enzimatik rezolüsyon yolu üzerinden sentezi**  
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- VI. **Bifonksiyonel Organokatalizörlerin Dekarboksilatı Aldol Tepkimelerinde İncelenmesi**  
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- VII. **Metil Tiyoglikolatın Çalkon Türevlerine Asimetrik Organokatalitik Sülfat-Michael Katılmaları**  
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- VIII. **Asymmetric organocatalytic Michael additions of methyl thioglycolate to various acceptors**  
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- X. **Evaluation of bifunctional organocatalysts in Friedel Crafts substitution domino type reaction**  
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- XII. **Enantioselective synthesis of 2 indolyl 1 nitro derivatives**  
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- XIII. **Design of 2 AminoDMAP Quinine Based Organocatalyst Library Their Applications**  
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- XIV. **Bifunctional 2 aminoDMAP thiourea catalyzed enantioselective Michael addition of thioacetic acid to trans beta nitrostyrenes**  
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## Memberships / Tasks in Scientific Organizations

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### **Tasks In Event Organizations**

Tanyeli C., First International Balkan Chemistry Congress, Scientific Congress, Edirne, Turkey, Eylül 2018

### **Edit Congress and Symposium Activities**

31. Ulusal Kimya Kongresi, Invited Speaker, İstanbul, Turkey, 2019

3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, Invited Speaker, Sarajevo, Bosnia And Herzegovina, 2018

4th Organic Chemistry Congress with International Participation, Invited Speaker, Antalya, Turkey, 2018

### **Citations**

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