

Prof. CİHANGİR TANYELİ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-4533-2019

ScopusID: 7004054020

Yoksis Researcher ID: 1652

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

Academic and Administrative Experience

Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2015 - 2021

Courses

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

Supervised Theses

TANYELİ C., Organocatalytic enantioselective synthesis of dihydronaphthofurans and dihydrobenzofurans: Reaction development and insights into stereoselectivity & design and synthesis of heterogeneous recyclable organocatalysts, Doctorate, Z.DİLŞAD(Student), 2022

TANYELİ C., Enantioselective addition of 1,3-dicarbonyl compounds to N-alkoxycarbonyl ketimines derived from isatins and construction of spirocyclic oxindoles, Doctorate, D.KARAÇAL(Student), 2022

TANYELİ C., Improving asymmetric decarboxylative aldol reaction and synthesis of TPT-acetylene matrix, Postgraduate, H.GÜLER(Student), 2022

TANYELİ C., The enantioselective synthesis of 2-indolyl-1-nitro derivatives and bodipy dyes in the presence of chiral bifunctional squaramide organocatalysts, Doctorate, E.DÜNDAR(Student), 2022

TANYELİ C., Asymmetric synthesis of tetrahydrothiophenes in the presence of bifunctional organocatalysts, Postgraduate, M.FAİK(Student), 2021

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., 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., Bifunctional 2-aminodmap/thiourea catalyzed enantioselective michael addition of thioacetic acid to trans-beta-nitrostyrenes, Postgraduate, Z.Kabasakal(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., Chiral 2-aminodmap/sulfonamides and squaramides as bifunctional acid/base organocatalysts in asymmetric catalysis, Doctorate, M.İşik(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., Synthesis of n-(2-propylphenyl) substituted chiral amino alcohols and their usage in enantioselective diethylzinc addition reactions, Postgraduate, Z.İnci(Student), 2011

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

TANYELİ C., Development of novel asymmetric catalysts for various transformations and investigation of a rearrangement reaction, Doctorate, E.Yusuf(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., Chemoenzymatic synthesis of enantiomerically enriched gamma and delta lactones, Postgraduate, M.Şardan(Student), 2010

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

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

TANYELİ C., Asymmetric synthesis of chiral camphor fused pyridine type novel organocatalysts, Postgraduate, M.Küçükdişli(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., New strategy for the synthesis of chiral N-substituted-3,4-dialkoxyppyrrrole from 2,5-dihydro-2,5-dimethoxyfuran, Postgraduate, F.Kapaklı(Student), 2006

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

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

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

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

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

TANYELİ C., Transformation of cyclohexanone derivatives to bicyclic furan and pyrrole derivatives, Postgraduate, E.Yusuf(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., 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 tertiary 1-methyl-2-pyrrolylcarbinols by candida cylindracea lipase (CCL), Postgraduate, O.Elmalı(Student), 2000

TANYELİ C., Enantiomeric resolution of (+)-2-substituted norbornadiene and perchloro norbornadiene derivatives via hydrolase type enzymes, Postgraduate, G.Çelikel(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., 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 resolution of racemic 2-furylcarbinols by pig liver esterase (PLE), Postgraduate, A.Hakan(Student), 1997

TANYELİ C., Enantiomeric separation of various cyclic α' -Acetoxyenones via hydrolase type enzymes, Postgraduate, E.Dikici(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

Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, September, 2023

Award, Mustafa Parlar Vakfı, Orta Doğu Teknik Üniversitesi, November, 2021

Award, Mustafa Parlar Vakfı Araştırma Teşvik ödülü değerlendirmesi, Orta Doğu Teknik Üniversitesi, September, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, October, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, September, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, June, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, October, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, August, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, May, 2019
Associate Professor Exam, Associate Professor Exam, Orta Doğu Teknik Üniversitesi, February, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, November, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, October, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ege Üniversitesi, September, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ege Üniversitesi, September, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ege Üniversitesi, September, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, September, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ege Üniversitesi, September, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, April, 2018
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, April, 2018
Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, March, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enantioselective Addition of 1,3,5,7-Tetramethyl-BODIPYs to Isatins by Bifunctional Quinine-Based Squaramides**
Dündar E., Isik M., Yıldırım E., Tanyeli C.
ACS OMEGA, no.1, pp.1226-1236, 2025 (SCI-Expanded)
- II. **Multicomponent synthesis of stereogenic-at-boron fluorophores (BOSPYR) from boronic acids, salicylaldehydes, and 2-formylpyrrole hydrazones**
Bayer Kömüşdoğan E., Batool S., Şahin E., Yıldırım E., Işık M., Tanyeli C.
Chemical Communications, vol.61, no.3, pp.576-579, 2024 (SCI-Expanded)
- III. **Asymmetric Synthesis of Trifluoromethyl Substituted Spiro[Indoline-3,4'-Pyrano[2,3-c]Pyrazole] Derivatives with Organocatalysts**
Özcan B. D., Kömüşdoğan E., Şahin E., Tanyeli C.
CHEMISTRYSELECT, vol.9, pp.1-10, 2024 (SCI-Expanded)

- IV. **Organocatalytic enantioselective synthesis of dihydronaphthofurans and dihydrobenzofurans: reaction development and insights into stereoselectivity**
SUSAM Z. D., Ozcan B. D., Kurtkaya E., YILDIRIM E., TANYELİ C.
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.20, no.44, pp.8725-8740, 2022 (SCI-Expanded)
- V. **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 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **Recyclable Organocatalysts in Asymmetric Synthesis**
Susam Z. D., Tanyeli C.
Asian Journal of Organic Chemistry, vol.10, no.6, pp.1251-1266, 2021 (SCI-Expanded)
- IX. **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 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **Squaramide catalyzed alpha-chiral amine synthesis**
Karahan S., TANYELİ C.
TETRAHEDRON LETTERS, vol.59, no.42, pp.3725-3737, 2018 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **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 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **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 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **Squaramide Based Organocatalysts in Organic Transformations**

- Rouf A., TANYELİ C.
Current Organic Chemistry, vol.20, no.28, pp.2996-3013, 2016 (SCI-Expanded)
- XVIII. **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 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **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 (SCI-Expanded)
- XXII. **Bioactive thiazole and benzothiazole derivatives**
Rouf A., Tanyeli C.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.97, pp.911-927, 2015 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **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 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **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 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **Stereoselective synthesis of gamma-lactone fused cyclopentanoids**
Gumus A., TANYELİ C.
TETRAHEDRON-ASYMMETRY, vol.23, pp.1405-1409, 2012 (SCI-Expanded)
- XXXIII. **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 (SCI-Expanded)
- XXXIV. **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 (SCI-Expanded)
- XXXV. **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 (SCI-Expanded)
- XXXVI. **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 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **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 (SCI-Expanded)
- XXXIX. **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 (SCI-Expanded)
- XL. **Synthesis and application of poly-SNS-anchored carboxylic acid: a novel functional matrix for biomolecule conjugation**
Ekiz F., Oğuzkaya F., Akin M., TİMUR S., TANYELİ C., Toppare L.
JOURNAL OF MATERIALS CHEMISTRY, vol.21, no.33, pp.12337-12343, 2011 (SCI-Expanded)
- XLI. **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 (SCI-Expanded)
- XLII. **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 (SCI-Expanded)
- XLIII. **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 (SCI-Expanded)
- XLIV. **Enzyme-Catalyzed Stereoselective Synthesis of Two Novel Carbasugar Derivatives**

- Gumus A, TANYELİ C.
HELVETICA CHIMICA ACTA, vol.93, no.10, pp.1882-1893, 2010 (SCI-Expanded)
- XLV. **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 (SCI-Expanded)
- XLVI. **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 (SCI-Expanded)
- XLVII. **Synthesis of a dipyrromethane functionalized monomer and optoelectrochromic properties of its polymer**
Ak M, Gancheva V, Terlemezyan L, Tanyeli G, Toppare L.
EUROPEAN POLYMER JOURNAL, vol.44, no.8, pp.2567-2573, 2008 (SCI-Expanded)
- XLVIII. **Electrochromic properties of poly (1-(phenyl)-2,5-di(2-thienyl)-1H-pyrrole-co-3,4-ethylenedioxy thiophene) and its application in electrochromic devices**
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Synthesis, no.2, pp.155-157, 1994 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of chiral heterocyclic compounds from enantiomerically rich sulfa-Michael adducts**
HASILCIOĞULLARI D., TANYELİ C.
255th ACS National Meeting, New Orleans, United States Of America, 18 - 22 March 2018
- II. **Organocatalytic Asymmetric Synthesis of Dihydronaphthofurans via Friedel-Crafts / Substitution Domino Type Reaction**
TANYELİ C.
TRAMECH IX 2017, Fez, Morocco, 22 - 25 November 2017
- 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 α -Azido Ketonların Asimetrik Organokatalitik Katılması**
KARAHAN S., TANYELİ C.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, vol.2017, pp.1609
- V. **kiral Tetrahidropridin bileşiklerinin enzimatik rezolüsyon yolu üzerinden sentezi**
TANYELİ C., ÖZDEMİRHAN F. D.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- VI. **Bifonksiyonel Organokatalizörlerin Dekarboksilatıf Aldol Tepkimelerinde İncelenmesi**
BAYER E., TANYELİ C.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- VII. **Metil Tiyoglikolatın Çalkon Türevlerine Asimetrik Organokatalitik Sülfı-Michael Katılmaları**
HASILCIOĞULLARI D., TANYELİ C.
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- VIII. **Asymmetric organocatalytic Michael additions of methyl thioglycolate to various acceptors**
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- IX. **Asymmetric Organocatalytic Michael Additions of Thioglycolic Esters to Various Acceptors**
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- X. **Evaluation of bifunctional organocatalysts in Friedel Crafts substitution domino type reaction**
Susam D., TANYELİ C.
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- XI. **Enantioselective aza-Henry reaction of t-Boc protected imines and nitroalkanes with bifunctional squaramide organocatalysts**
SUSAM D., TANYELİ C.
252nd ACS National Meeting, 21 - 25 August 2016
- XII. **Enantioselective synthesis of 2 indolyl 1 nitro derivatives**
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- XIII. **Design of 2 AminoDMAP Quinine Based Organocatalyst Library Their Applications**
TANYELİ C.
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- XIV. **Bifunctional 2 aminoDMAP thiourea catalyzed enantioselective Michael addition of thioacetic acid to**

trans beta nitrostyrenes

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- XV. **Enantioselective addition of 1,3-dicarbonyl compounds to N-alkoxycarbonyl ketimines derived from isatins**
DUYGU İ., TANYELİ C.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, 21 - 24 March 2016
- XVI. **New quinine based squaramide catalyst and its evaluation in the asymmetric reactions of isatin derived ketimines**
Karahana S., TANYELİ C.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, 21 - 24 March 2016
- XVII. **Design of Novel Organocatalyst Library Applications**
TANYELİ C.
International Chemistry Conference on Organic and Bioorganic Chemistry, 16 - 18 February 2016
- XVIII. **GABA Analoglarının Organokatalitik Asimetrik Formal Sentezleri**
TANYELİ C.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 20 - 22 March 2015
- XIX. **2-AminoDMAP ve Kinin Temelli Bifonksiyonel Organokatalizörler ile 1-Nitropropanın Nitroolefinlere Enantioseçici Michael Katılması**
Kanberoğlu E., Tanyeli C.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015
- XX. **Bifonksiyonel Skuaramit Organokatalizörler ile Malononitrilin Çalkona Enantioseçici Michael Katılması**
SARGIN N., TANYELİ C.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 20 - 22 March 2015
- XXI. **Nitroalkanların t-Boc Korunumlu İminlerle Organokatalitik Enantioseçici Aza-Henry Tepkimesi**
SUSAM D., TANYELİ C.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 20 - 22 March 2015
- XXII. **2-AminoDMAP/sulfonamide and (thio)urea type organocatalysts and applications**
TANYELİ C., Isık M.
246th National Meeting of the American-Chemical-Society (ACS), Indiana, United States Of America, 8 - 12 September 2013, vol.246
- XXIII. **Chemoenzymatic synthesis of various spiro-cyclopentenone-pyran and spiro-dihydropyran compounds**
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TANYELİ C., NEMUTLU B., Project Supported by Higher Education Institutions, TEMPO ÜNİTESİ İLE BAĞLI TPT KATI MATRİS SENTEZİ SYNTHESIS OF TPT SOLID MATRIX ANCHORED TEMPO UNIT, 2022 - 2024

TANYELİ C., ÖZCAN B. D., Project Supported by Higher Education Institutions, BİFONKSİYONEL SKUARAMİD

TANYELİ C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

TANYELİ C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

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TANYELİ C., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

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TANYELİ C., SARGIN N., Project Supported by Higher Education Institutions, BİFONKSİYONEL 2-AMİNODMAP/SKUARAMİT ORGANOKATALİZÖRÜNÜN SENTEZLENMESİ VE MALONONİTRİLİN ÇALKONA ENANTİYOSEÇİCİ KATILMASI, 2013 - 2013

TANYELİ C., KANBEROĞLU E., Project Supported by Higher Education Institutions, BİFONKSİYONEL 2-AMİNODMAP/SKUARAMİT ORGANOKATALİZÖRÜNÜN SENTEZLENMESİ VE NİTROPROPANİN NİTROSTİRENE ASİMETRİK MICHAEL KATILMASINDA DEĞERLENDİRİLMESİ, 2013 - 2013

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TANYELİ C., OKUMUŞ S., Project Supported by Higher Education Institutions, BİFONKSİYONEL ORGANOKATALİZÖRLERİN SENTEZİ VE ASİMETRİK SENTEZ REAKSİYONLARINDA KULLANILMASI, 2013 - 2013

TANYELİ C., KABASAKAL Z., Project Supported by Higher Education Institutions, MEZO-SİKLİK ANHİDRİTLERİN C2-

SİMETRİK KİRAL BİS (2- AMİNO/ DMAP) KÖKENLİ ORGANOKATALİZÖRLER İLE DESİMETRİZASYONU, 2013 - 2013
TANYELİ C., SUSAM D., Project Supported by Higher Education Institutions, 1,2,3,6-TETRAHİDROPİRİDİN'LERE KISA
STEREOSEÇİCİ YAKLAŞIM, 2013 - 2013

TANYELİ C., Project Supported by Higher Education Institutions, Kamfor Temelli Piridin-Sülfür Türevlerinin Özgün
Sentezi, 2012 - 2012

Activities in Scientific Journals

TURKISH JOURNAL OF CHEMISTRY, Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

Academy of Sciences, Principal Member, 2017 - Continues, Turkey

Scientific Refereeing

TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, December 2023

Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey,
December 2023

JOURNAL OF ORGANIC CHEMISTRY, SCI Journal, November 2023

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Turkey, October 2023

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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gebze Technical
University, Turkey, September 2023

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Turkey, July 2023

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Turkey, July 2023

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Turkey, July 2023

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Turkey, April 2023

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Turkey, March 2023

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University, Turkey, March 2023

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University, Turkey, March 2023

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University, Turkey, March 2023

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Bilateral Cooperation Program, Dokuz Eylul University, Turkey, March 2023
Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, March 2023
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, October 2022
TUBITAK Project, 1002 - Quick Support Program, İstanbul University-Cerrahpaşa, Turkey, October 2022
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CHIRALITY, SCI Journal, September 2022
TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, August 2022
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gebze Technical University, Turkey, April 2022
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BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, SCI Journal, February 2022
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, December 2021
TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Middle East Technical University, Turkey, December 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021
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ARKIVOC, Journal Indexed in SCI-E, October 2021
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Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, September 2021
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, August 2021
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TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, April 2021

TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, March 2021

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CHEMISTRYSELECT, Journal Indexed in SCI-E, January 2021

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ADVANCED SYNTHESIS & CATALYSIS, SCI Journal, September 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Mersin University, Turkey, September 2020

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Organic & Biomolecular Chemistry, SCI Journal, July 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, KORUMA KLOR ALKALİ SANAYİ VE TİCARET ANONİM ŞİRKETİ, Turkey, July 2020

TUBITAK Project, 1002 - Quick Support Program, Istanbul University, Turkey, March 2020

MEDICINAL CHEMISTRY, Journal Indexed in SCI-E, February 2020

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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, December 2019

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TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, October 2019

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Chemical Communications, SCI Journal, August 2019

EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, SCI Journal, August 2019

ADVANCED SYNTHESIS & CATALYSIS, SCI Journal, July 2019

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TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, November 2018

CHEMICAL SCIENCE, SCI Journal, October 2018

CURRENT ORGANIC CHEMISTRY, Journal Indexed in SCI-E, August 2018

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, May 2018

CURRENT ORGANIC SYNTHESIS, Journal Indexed in SCI-E, April 2018

JOURNAL OF MATERIALS CHEMISTRY C, SCI Journal, April 2018

CHEMISTRYSELECT, SCI Journal, March 2018

MEDICINAL CHEMISTRY, Journal Indexed in SCI-E, March 2018

CURRENT ORGANIC CHEMISTRY, Journal Indexed in SCI-E, February 2018

NEW JOURNAL OF CHEMISTRY, SCI Journal, February 2018

JOURNAL OF MATERIALS CHEMISTRY C, SCI Journal, February 2018

Tasks In Event Organizations

Tanyeli C., 5th International Organic Chemistry Congress, Scientific Congress, Turkey, Ekim 2021

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

Metrics

Publication: 156

Citation (WoS): 2765

Citation (Scopus): 2965

H-Index (WoS): 30

H-Index (Scopus): 31

Congress and Symposium Activities

5th International Organic Chemistry Congress, Invited Speaker, Malatya, Turkey, 2021

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

Non Academic Experience

METU

METU

METU

METU

METU