

## **Prof. Arif DAŞTAN**

### **Personal Information**

**Office Phone:** [+90 442 231 4405](tel:+904422314405)

**Fax Phone:** [+90 442 231 4109](tel:+904422314109)

**Other Email:** arifdastan@gmail.com

**Web:** <https://avesis.atauni.edu.tr/adastan>

### **International Researcher IDs**

ScholarID: HcoEEY8AAAAJ

ORCID: 0000-0002-9577-2251

Publons / Web Of Science ResearcherID: A-9614-2010

ScopusID: 6701810213

Yoksis Researcher ID: 3844

### **Education**

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya/ Organik Kimya, Turkey 1990 - 1995

Postgraduate, Ataturk University, Fen Bilimleri, Kimya/ Organik Kimya, Turkey 1988 - 1990

Undergraduate, Ataturk University, Fen Fak, Kimya, Turkey 1984 - 1988

### **Foreign Languages**

English, B2 Upper Intermediate

### **Research Areas**

Chemistry, Organic Chemistry, Chemistry of Hydrocarbons, Natural Sciences

### **Courses**

#### **Doctorate**

ORGANİK SENTEZ TASARIMI, Doctorate, 2022 - 2023

Uzmanlık alan Dersi II, Doctorate, 2020 - 2021

Uzmanlık Alan Dersi I, Doctorate, 2020 - 2021

Bilimsel Bilgiye Erişim Bilgiyi sunma, Doctorate, 2015 - 2016

#### **Undergraduate**

Kimya, Undergraduate, 2022 - 2023

Genel Kimya Laboratuvarı II, Undergraduate, 2020 - 2021

Organic Chemistry II , Undergraduate, 2020 - 2021

Organic Chemistry I, Undergraduate, 2020 - 2021

General chemistry Laboratory, Undergraduate, 2020 - 2021

## **Supervised Theses**

DAŞTAN A., İndolin Brominasyonu ve Yeni Triazatruksenlerin Sentezi, Doctorate, E.Karaoglu(Student), 2017

## **Jury Memberships**

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Sultan Qaboos University, February, 2023

## **Journal articles indexed in SCI, SSCI, and AHCI**

- I. **Synthesis of a dibenzosuberone-based D-A type organic semiconductor and its application as a high-performance broadband self-powered photodetector in organic-inorganic heterostructure**  
Ganjehyan K., YILDIRIM F., Erdoğan M., Nuhzat S., DAŞTAN A., AYDOĞAN Ş.  
Materials Today Energy, vol.51, 2025 (SCI-Expanded)
- II. **A guaiaculene-based highly selective colorimetric sensor for cyanide ion detection in aqueous medium and food samples**  
Bektaş N., DAŞTAN A., Erdoğan M., Aydoğan A.  
Journal of Molecular Liquids, vol.423, 2025 (SCI-Expanded)
- III. **Fluorometric and colorimetric sensor for selective detection of cyanide anion by dibenzosuberone-based dihydropyridazine in aqueous solution**  
ACAR M., DAŞTAN A., Koçak R.  
Talanta, vol.277, 2024 (SCI-Expanded)
- IV. **Catalyst/Metal/Solvent-Free Markovnikov Hydrothiolation of Unactivated Alkenes with Dithiocarbamic Acids**  
Halimehjani A. Z., Dagalan Z., Marjani Z., Gunduz F., Daştan A., Nişancı B.  
JOURNAL OF ORGANIC CHEMISTRY, vol.89, no.8, pp.5353-5362, 2024 (SCI-Expanded)
- V. **P-type π-conjugated BTPDS-8 organic molecule for broadband hybrid photodetector with organic/inorganic heterostructure**  
Ganjehyan K., YILDIRIM F., Erdoğan M., DAŞTAN A., AYDOĞAN Ş.  
SENSORS AND ACTUATORS A-PHYSICAL, vol.367, 2024 (SCI-Expanded)
- VI. **Bromination of endo-7-norbornene derivatives revisited: failure of a computational NMR method in elucidating the configuration of an organic structure**  
Gültekin D., Daştan A., Taşkesenligil Y., Kazaz C., Zorlu Y., Balci M.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.19, pp.764-770, 2023 (SCI-Expanded)
- VII. **Selectfluor and TBAX (Cl, Br) Mediated Oxidative Chlorination and Bromination of Olefins**  
Dagalan Z., Kocak R., DAŞTAN A., NIŞANCI B.  
ORGANIC LETTERS, vol.24, pp.8261-8264, 2022 (SCI-Expanded)
- VIII. **Highly efficient hydrogenation and dehydrogenation of N-Heteroarenes catalyzed by mesoporous graphitic carbon nitride supported CoPd alloy nanoparticles**  
Dağalan Z., Can H., Daştan A., Nişancı B., Metin Ö.  
TETRAHEDRON, vol.114, 2022 (SCI-Expanded)
- IX. **Transition-Metal-Free Synthesis of 4-Alkynylquinazolines**  
UÇAR S., DAŞTAN A.  
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol.2022, no.13, 2022 (SCI-Expanded)
- X. **Recent Advances in the Transition-Metal-Free Arylation of Hetero-arenes**  
UÇAR S., DAŞTAN A.  
SYNTHESIS-STUTTGART, vol.53, no.23, pp.4353-4374, 2021 (SCI-Expanded)
- XI. **Theoretical Studies on the Mechanism of the Formation of Cyclopadienes and Dihydropyridazines**

- Hallooman D., Rhyman L., Dalkilic E., DAŞTAN A., Elzagheid M., Domingo L. R., Ramasami P.  
CHEMISTRYSELECT, vol.6, no.37, pp.9806-9813, 2021 (SCI-Expanded)
- XII. **Dibenzosuberenone-Based Photo- and Thermochromic Switches, a Transformation: Rearrangement of Dibenzosuberenones to Spiro Anthrones**  
Kocak R., DAŞTAN A.  
ORGANIC LETTERS, vol.23, no.11, pp.4483-4487, 2021 (SCI-Expanded)
- XIII. **Design, synthesis, characterization, and anticancer activity of a novel series of O-substituted chalcone derivatives**  
Ngameni B., Cedric K., Mbaveng A. T., Erdogan M., Simo I., Kuete V., DAŞTAN A.  
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.35, 2021 (SCI-Expanded)
- XIV. **Synthesis of dibenzosuberenone-based novel polycyclic pi-conjugated dihydropyridazines, pyridazines and pyrroles**  
Kocak R., DAŞTAN A.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.17, pp.719-729, 2021 (SCI-Expanded)
- XV. **Synthesis and structural characterization of novel O-substituted phenolic and chalcone derivatives with antioxidant activity**  
Ngameni B., Erdogan M., Kuete V., Dalkilic E., Ngadjui B. T., DAŞTAN A.  
JOURNAL OF CHEMICAL RESEARCH, vol.45, no.1-2, pp.159-165, 2021 (SCI-Expanded)
- XVI. **Transition Metal-Free Heteroarylation of Quinoxaline: Construction of Heteroaryl-Fused Phenazines by Oxidative Coupling**  
UÇAR S., DAŞTAN A.  
Journal of Organic Chemistry, vol.85, no.23, pp.15502-15513, 2020 (SCI-Expanded)
- XVII. **One-pot homo- and cross-coupling of diazanaphthalenes via C-H substitution: Synthesis of Bis- and Tris-diazanaphthalenes**  
UÇAR S., DAŞTAN A.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.57, no.11, pp.4013-4022, 2020 (SCI-Expanded)
- XVIII. **Design, synthesis, and characterization of a new class of efficient dihydropyridazine-dibenzosuberenone derived fluorescent dyes and investigation of their some photophysical properties**  
Erdogan M., DAŞTAN A.  
TETRAHEDRON, vol.76, no.26, 2020 (SCI-Expanded)
- XIX. **Monodisperse CuPt alloy nanoparticles assembled on reduced graphene oxide as catalysts in the transfer hydrogenation of various functional organic groups**  
GANJEHYAN K., Nisancı B., SEVİM M., DAŞTAN A., Metin O.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.5, 2019 (SCI-Expanded)
- XX. **1,2-Dibromotetrachloroethane: an efficient reagent for many transformations by modified Appel reaction**  
Essiz S., DAŞTAN A.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.1, pp.150-156, 2019 (SCI-Expanded)
- XXI. **Aromatic stacking of a perylenetetracarboxylic tetraester: Self-assembly in both water and chloroform**  
NİŞANCI B., DAŞTAN A., BOZDEMİR Ö. A.  
Tetrahedron Letters, vol.59, no.39, pp.3558-3562, 2018 (SCI-Expanded)
- XXII. **Synthesis of Pyridazine and Pyrrole Analogues of 2-Aminotetralin as Potential Dopaminergics**  
Koçak R., DAŞTAN A., SARAÇOĞLU N.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.55, no.6, pp.1489-1493, 2018 (SCI-Expanded)
- XXIII. **One hundred years of benzotropone chemistry**  
DAŞTAN A., KILIÇ H., SARAÇOĞLU N.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.14, pp.1120-1180, 2018 (SCI-Expanded)
- XXIV. **The Dibenzosuberenone Scaffold as a Privileged Substructure: From Synthesis to Application**  
DAŞTAN A., KILIÇ H., SARAÇOĞLU N.

- SYNTHESIS-STUTTGART, vol.50, no.3, pp.391-439, 2018 (SCI-Expanded)
- XXV. **Highly diastereoselective synthesis of a novel functionalized triepoxytrinaphthylene**  
Erdogan M., EŞSİZ S., Fabris F., DAŞTAN A.  
ARKIVOC, pp.134-143, 2018 (SCI-Expanded)
- XXVI. **Synthesis of an F-BODIPY [2]catenane using the chemistry of bis(dipyrrinato) metal complexes**  
NIŞANCI B., Sahinoglu S., Tuner E., ARIK M., Kani I., DAŞTAN A., BOZDEMİR Ö. A.  
CHEMICAL COMMUNICATIONS, vol.53, no.92, pp.12418-12421, 2017 (SCI-Expanded)
- XXVII. **Access to polysubstituted naphthalenes and anthracenes via a retro-Diels-Alder reaction**  
Akin E. T., Erdoğan M., Daştan A., SARAÇOĞLU N.  
TETRAHEDRON, vol.73, no.37, pp.5537-5546, 2017 (SCI-Expanded)
- XXVIII. **Dihydropyridazine-appended dibenzosuberones as a new class of fluorophores: Application to fluoride sensing**  
Koçak R., Yıldız D., BOZKAYA U., DAŞTAN A., BOZDEMİR Ö. A.  
TETRAHEDRON LETTERS, vol.58, no.30, pp.2981-2985, 2017 (SCI-Expanded)
- XXIX. **Bromination of quinoxaline and derivatives: Effective synthesis of some new brominated quinoxalines**  
UCAR S., Essiz S., DAŞTAN A.  
TETRAHEDRON, vol.73, no.12, pp.1618-1632, 2017 (SCI-Expanded)
- XXX. **Unexpected regioselectivity observed in the bromination and epoxidation reactions of p-benzoquinone-fused norbornadiene: An experimental and computational study**  
Essiz S., DALKİLİC E., Sari O., DAŞTAN A., Balci M.  
TETRAHEDRON, vol.73, no.12, pp.1640-1649, 2017 (SCI-Expanded)
- XXXI. **Hemisynthesis and Spectroscopic Characterization of Three New Chalcone Derivatives from Dorstenia barteri**  
NGAMENI B., FOTSO G. W., AMBASSA P., KAMGA J., DAŞTAN A., NGADJUI B. T.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.53, no.2, pp.241-247, 2017 (SCI-Expanded)
- XXXII. **Novel eugenol derivatives: Potent acetylcholinesterase and carbonic anhydrase inhibitors**  
Topal F., GÜLÇİN İ., DAŞTAN A., Guney M.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.94, pp.845-851, 2017 (SCI-Expanded)
- XXXIII. **Synthesis of Some Novel Norbornene-Fused Pyridazines as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase**  
KOCAK R., AKIN E. T., KALIN P., Talaz O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ., Durdagi S.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.53, no.6, pp.2049-2056, 2016 (SCI-Expanded)
- XXXIV. **Heterogeneous Catalytic Reductive Amination of Carbonyl Compounds with Ni-Al Alloy in Water as Solvent and Hydrogen Source**  
Schäfer C., Nişancı B., Bere M. P., DAŞTAN A., Török B.  
Synthesis (Germany), vol.48, no.18, pp.3127-3133, 2016 (SCI-Expanded)
- XXXV. **Effective bromo and chloro peroxidation catalysed by tungsten(VI) amino triphenolate complexes**  
BADETTI E., ROMANO F., MARCHIO L., Taskesenlioglu S., DAŞTAN A., ZONTA C., LICINI G.  
DALTON TRANSACTIONS, vol.45, no.37, pp.14603-14608, 2016 (SCI-Expanded)
- XXXVI. **Graphene-supported NiPd alloy nanoparticles: A novel and highly efficient heterogeneous catalyst system for the reductive amination of aldehydes**  
NIŞANCI B., Ganjehyan K., Metin Ö., DAŞTAN A., Török B.  
Journal of Molecular Catalysis A: Chemical, vol.409, pp.191-197, 2015 (SCI-Expanded)
- XXXVII. **Synthesis of a Novel Benzocyclotrimer with One Rigid and One Flexible Electron-Rich Cavity**  
BOLZAN A., BORTOLUZZI M., BORSATO G., FABBRO C., DAŞTAN A., DE LUCCHI O., FABRIS F.  
HELVETICA CHIMICA ACTA, vol.98, no.8, pp.1067-1074, 2015 (SCI-Expanded)
- XXXVIII. **Synthesis of cyclopentadiene derivatives by retro-Diels-Alder reaction of norbornadiene derivatives**  
DALKİLİC E., DAŞTAN A.  
TETRAHEDRON, vol.71, no.13, pp.1966-1970, 2015 (SCI-Expanded)
- XXXIX. **Twisted Baskets**

- Hermann K., Pratmyot Y., Polen S., Hardin A. M., Dalkilic E., DAŞTAN A., Badjic J. D.  
CHEMISTRY-A EUROPEAN JOURNAL, vol.21, no.9, pp.3550-3555, 2015 (SCI-Expanded)
- XL. **Synthesis and use of "clickable" bay-region tetrasubstituted perylene tetracarboxylic tetraesters and a perylene monoimide diester as energy acceptors**  
AYDIN E., NİŞANCI B., Acar M., DAŞTAN A., BOZDEMİR Ö. A.  
NEW JOURNAL OF CHEMISTRY, vol.39, no.1, pp.548-554, 2015 (SCI-Expanded)
- XLI. **Oxidation of cyanobenzocycloheptatrienes: Synthesis, photooxygenation reaction and carbonic anhydrase isoenzymes inhibition properties of some new benzotropone derivatives**  
Guney M., Coskun A., TOPAL F., DAŞTAN A., GÜLÇİN İ., SUPURAN C. T.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.22, no.13, pp.3537-3543, 2014 (SCI-Expanded)
- XLII. **Trapping of Organophosphorus Chemical Nerve Agents in Water with Amino Acid Functionalized Baskets**  
Ruan Y., DALKILIC E., Peterson P. W., Pandit A., DAŞTAN A., Brown J. D., Polen S. M., Hadad C. M., Badjic J. D.  
CHEMISTRY-A EUROPEAN JOURNAL, vol.20, no.15, pp.4251-4256, 2014 (SCI-Expanded)
- XLIII. **Norbornanoid Chiral Ketones by Desymmetrization of Dibromoalkenes**  
Koçak R., BORSATO G., DE LUCCHI O., DAŞTAN A.  
HELVETICA CHIMICA ACTA, vol.97, no.4, pp.537-545, 2014 (SCI-Expanded)
- XLIV. **A Molecular Claw: A Dynamic Cavitand Host**  
Hermann K., Nakhla M., Gallucci J., Dalkilic E., DAŞTAN A., Badjic J. D.  
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, vol.52, no.43, pp.11313-11316, 2013 (SCI-Expanded)
- XLV. **Stereoconvergent Generation of a Contrasteric syn-Bicyclopropyldene (=syn-Cyclopropylidenecyclopropane) by Stille-Like Coupling**  
Guney M., Essiz S., DAŞTAN A., Balci M., DE LUCCHI O., ŞAHİN E., FABRIS F.  
HELVETICA CHIMICA ACTA, vol.96, no.5, pp.941-950, 2013 (SCI-Expanded)
- XLVI. **Nucleophilic substitution of bromonorbornenes and derivatives by electron transfer reactions**  
CRESPO ANDRADA K. F., PEISINO L. E., GUNAY M., DAŞTAN A., PIERINI A. B.  
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.11, no.6, pp.955-965, 2013 (SCI-Expanded)
- XLVII. **Environmentally benign synthesis of heterocyclic compounds by combined microwave-assisted heterogeneous catalytic approaches**  
Dastan A., KULKARNI A., TOEROEK B.  
GREEN CHEMISTRY, vol.14, no.1, pp.17-37, 2012 (SCI-Expanded)
- XLVIII. **Bromination of 2,3-dihydrobenzobarrelene and synthesis of its mono- and dibromide derivatives: unexpected Wagner-Meerwein rearrangement on silica gel**  
Essiz S., SENGUL M. E., ŞAHİN E., DAŞTAN A.  
TURKISH JOURNAL OF CHEMISTRY, vol.35, no.4, pp.587-598, 2011 (SCI-Expanded)
- XLIX. **Low and high temperature bromination of 2,3-dicarbomethoxy and 2,3-dicyano benzobarrelene: unexpected substituent effect on bromination**  
TASKESENLOGLU S., DAŞTAN A., DALKILIC E., GUNAY M., Abbasoglu R.  
NEW JOURNAL OF CHEMISTRY, vol.34, no.1, pp.141-150, 2010 (SCI-Expanded)
- L. **Synthesis and Diels-Alder cycloaddition reaction of norbornadiene and benzonorbornadiene dimers**  
NİŞANCI B., DALKILIC E., GUNAY M., DAŞTAN A.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.5, 2009 (SCI-Expanded)
- LI. **The first and efficient synthesis of some of the polyhalogenated benzobarrelenes: unusual formation of a benzosemibullvalene derivative**  
SENGUL M. E., GULTEKIN D., Essiz S., ŞAHİN E., DAŞTAN A.  
TETRAHEDRON, vol.65, no.25, pp.4859-4865, 2009 (SCI-Expanded)
- LII. **Novel and versatile protocol for the preparation of functionalized benzocyclotrimers**  
DALKILIC E., GUNAY M., DAŞTAN A., SARAÇOĞLU N., DE LUCCHI O., FABRIS F.  
TETRAHEDRON LETTERS, vol.50, no.17, pp.1989-1991, 2009 (SCI-Expanded)
- LIII. **Carbonic anhydrase inhibitors. Inhibition of human erythrocyte isozymes I and II with a series of antioxidant phenols**

- SENTURK M., GÜLÇİN İ., DAŞTAN A., KÜFREVİOĞLU Ö. İ., SUPURAN C. T.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.17, no.8, pp.3207-3211, 2009 (SCI-Expanded)
- LIV. **Bromination of Tetrachlorobenzobarrelene: Polyhalogenated Benzobicyclics**  
SENGUEL M. E., GUELTEKIN D., Essiz S., DAŞTAN A.  
TURKISH JOURNAL OF CHEMISTRY, vol.33, no.1, pp.79-86, 2009 (SCI-Expanded)
- LV. **Structural Analysis of endo- and exo-Benzocyclobutene norbornene-Dibromides by Using H-1, C-13 NMR and X-Ray Diffraction Techniques.**  
ŞAHİN E., ANIL B., DAŞTAN A., KAZAZ C.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)
- LVI. **Bromination of norbornene derivatives: synthesis of brominated norbornanes and norbornenes**  
GUELTEKIN D., TAŞKESENLİĞİL Y., DAŞTAN A., Balci M.  
TETRAHEDRON, vol.64, no.19, pp.4377-4383, 2008 (SCI-Expanded)
- LVII. **The effect of the double bond pyramidalization on the mode of the bromination reaction: Bromination of benzobicyclononadiene**  
BALCI M., GUNAY M., Dastan A., AZIZOGLU A.  
JOURNAL OF ORGANIC CHEMISTRY, vol.72, no.13, pp.4756-4762, 2007 (SCI-Expanded)
- LVIII. **Oxidation of some alkoxy-cycloheptatriene derivatives: unusual formation of furan and furanoids from cycloheptatrienes**  
COSKUN A., GUNAY M., Dastan A., BALCI M.  
TETRAHEDRON, vol.63, no.23, pp.4944-4950, 2007 (SCI-Expanded)
- LIX. **Synthesis of dimeric phenol derivatives and determination of in vitro antioxidant and radical scavenging activities**  
Gulcin I., Dastan A.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.22, no.6, pp.685-695, 2007 (SCI-Expanded)
- LX. **(1RS, 2RS, 3SR, 4SR, 9RS)-1,2,3,9-tetrabromo-1,2,3,4-tetrahydro-1,4-methanonaphthalene**  
CELIK I., ERSANLI C. C., AKKURT M., Dastan A., GARCIA-GRANDA S.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.62, 2006 (SCI-Expanded)
- LXI. **High temperature bromination of benzobicyclo[2.2.2]octa-2,5-diene derivatives: alternative synthesis of di-, tri- and tetra-bromobenzobarrelenes**  
Dastan A.  
JOURNAL OF CHEMICAL RESEARCH-S, no.2, pp.104-109, 2006 (SCI-Expanded)
- LXII. **Bromination of isomeric 7,8-dibromobenzobicyclo[2.2.2]octa-2,5-dienes: neighbouring group effect on bromination**  
Dastan A.  
JOURNAL OF CHEMICAL RESEARCH-S, no.9, pp.608-612, 2005 (SCI-Expanded)
- LXIII. **High temperature bromination. Part 18: Bromination of benzonorbornadiene derivatives: Polybrominated benzonorbornenes and benzonorbornadienes**  
Dastan A., BALCI M.  
TETRAHEDRON, vol.61, no.23, pp.5481-5488, 2005 (SCI-Expanded)
- LXIV. **Bromination of endo- and exo-benzocyclobutene norbornene derivatives: neighbour group effect on bromination**  
UZUNDUMLU E., Dastan A.  
JOURNAL OF CHEMICAL RESEARCH-S, no.6, pp.348-351, 2005 (SCI-Expanded)
- LXV. **Substituent effects of the cycloaddition reaction of 7-substituted 5H-benzocycloheptenes with singlet oxygen and the chemistry of the benzocycloheptene endoperoxides**  
GUNAY M., Ceylan Z., Dastan A., BALCI M.  
CANADIAN JOURNAL OF CHEMISTRY, vol.83, no.3, pp.227-235, 2005 (SCI-Expanded)
- LXVI. **(+/-)-(1SR,8RS,10RS)-9,9,10-tribromotricyclo[6.2.1.0(2,7)]undeca-2,4,6-triene**  
ERSANLI C., CORUH U., HOKELEK T., VAZQUEZ-LOPEZ E., Dastan A.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- LXVII. **Chemistry of the benzotropone endoperoxides and their conversion into tropolone derivatives:**

**Unusual endoperoxide rearrangements**

GUNEY M., DASTAN A., BALCI M.

HELVETICA CHIMICA ACTA, vol.88, no.4, pp.830-838, 2005 (SCI-Expanded)

- LXVIII. **(1RS,8SR,9RS,10RS,11RS,12RS)-10,11-Dibromotetracyclo[6.4.2.0(2,7).0(9,12)]tetradeca-2,4,6,13-tetraene**

ERSANLI C., CORUH U., HOKELEK T., VAZQUEZ-LOPEZ E., DASTAN A., ERDONMEZ A.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)

- LXIX. **Cyclotrimerization of 'Oxabenzonorbornadiene': Synthesis of syn- and anti-5,6,11,12,17,18-hexahydro-5,18:6,11 : 12,17-triepoxytrinaphthylene**

DE LUCCHI O., DASTAN A., ALTUNDAS A., FABRIS F., BALCI M.

HELVETICA CHIMICA ACTA, vol.87, no.9, pp.2364-2367, 2004 (SCI-Expanded)

- LXX. **Bromination of tricyclo[7.2.1.0(2,7)]dodeca-2,4,6,10-tetraene derivatives: Electronic and neighboring group effects on bromination**

DASTAN A.

TURKISH JOURNAL OF CHEMISTRY, vol.28, no.6, pp.715-724, 2004 (SCI-Expanded)

- LXXI. **An investigation on the synthesis of new molecular architectures from the cyclotrimerisation of exo- and endo-benzotricyclo[4.2.1.0(2,5)]nonene**

DASTAN A., UZUNDUMLU E., BALCI M., FABRIS F., DE LUCCHI O.

EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, no.1, pp.183-192, 2004 (SCI-Expanded)

- LXXII. **Cyclotrimerization of benzobarrelene: Synthesis of new isomeric barrelene architectures**

DASTAN A., FABRIS F., DE LUCCHI O., GUNEY M., BALCI M.

HELVETICA CHIMICA ACTA, vol.86, no.10, pp.3411-3416, 2003 (SCI-Expanded)

- LXXIII. **Bromination of tricyclo[7.2.1.0(2,7)]dodeca-2,4,6,10-tetraene derivatives: Highly brominated benzobicyclic systems**

DASTAN A.

TURKISH JOURNAL OF CHEMISTRY, vol.27, no.2, pp.181-187, 2003 (SCI-Expanded)

- LXXIV. **The di-pi-methane photorearrangement of 2,3-disubstituted benzobarrelenes and benzonorbornadiene - Substituent effects in regioselectivity**

ALTUNDAS R., DASTAN A., UNALDI N., GUVEN K., UZUN O., BALCI M.

EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, no.3, pp.526-533, 2002 (SCI-Expanded)

- LXXV. **Bromination of 2,3-dibromobenzobarrelene at different conditions: Highly brominated benzobicyclic systems**

DASTAN A.

TURKISH JOURNAL OF CHEMISTRY, vol.26, no.4, pp.535-546, 2002 (SCI-Expanded)

- LXXVI. **Bromination of 'endo-benzocyclobutanorbornene': Synthesis of 'endo-11,12-dibromobenzocyclobutanorbornene': High-temperature bromination - Part XIV**

DASTAN A., UZUNDUMLU E., BALCI M.

HELVETICA CHIMICA ACTA, vol.85, no.9, pp.2729-2739, 2002 (SCI-Expanded)

- LXXVII. **A new synthesis of bromobenzotropones: Oxidation of 8-bromo-5H-benzo[a]cycloheptene**

DASTAN A., YILDIZ Y., KAZAZ C., BALCI M.

TURKISH JOURNAL OF CHEMISTRY, vol.26, no.2, pp.143-151, 2002 (SCI-Expanded)

- LXXVIII. **Bromination of 2,3-dibromobenzobarrelene: a new and efficient synthesis of 2,3,5-tribromobenzobarrelene**

DASTAN A.

JOURNAL OF CHEMICAL RESEARCH-S, no.11, pp.463-464, 2001 (SCI-Expanded)

- LXXIX. **Bromination of benzobicyclic system with 1,2-dibromotetrachloroethane: unusual radical rearrangement**

DASTAN A.

TETRAHEDRON, vol.57, no.41, pp.8725-8732, 2001 (SCI-Expanded)

- LXXX. **A new method for the synthesis of stipitatic acid isomers: Photooxygenation of ethyl 6H-cyclohepta[d][1,3]dioxole-6-carboxylate**

- DASTAN A., Saracoglu N., BALCI M.  
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, no.18, pp.3519-3522, 2001 (SCI-Expanded)
- LXXXI. **A new and efficient synthesis of indenone**  
ZENGİN M., Dastan A., BALCI M.  
SYNTHETIC COMMUNICATIONS, vol.31, no.13, pp.1993-1999, 2001 (SCI-Expanded)
- LXXXII. **A new and short synthesis of 7H-benzo[a]cyclohepten-7-one and some derivatives: Oxidation of 7-bromo-5H-benzo[a]cycloheptene**  
Dastan A., YILDIZ Y., BALCI M.  
SYNTHETIC COMMUNICATIONS, vol.31, no.24, pp.3807-3815, 2001 (SCI-Expanded)
- LXXXIII. **High temperature bromination. Part 12: Bromination of 7-oxabenzonorbornadiene: Synthesis of 2,3-dibromo-7-oxabenzonorbornadiene**  
ALTUNDAS A., Dastan A., MCKEE M., BALCI M.  
TETRAHEDRON, vol.56, no.33, pp.6115-6120, 2000 (SCI-Expanded)
- LXXXIV. **Bromination of naphthalene and derivatives: High temperature bromination XI**  
Dastan A., TAHIR M., ULKU D., BALCI M.  
TETRAHEDRON, vol.55, no.44, pp.12853-12864, 1999 (SCI-Expanded)
- LXXXV. **Bromination of benzhomobarrelene derivatives .10. High temperature bromination**  
Menzek A., Saracoglu N., Dastan A., BALCI M., ABBASOGLU R.  
TETRAHEDRON, vol.53, no.42, pp.14451-14462, 1997 (SCI-Expanded)
- LXXXVI. **Bromination of decalin and its derivatives .9. High temperature bromination**  
Dastan A., TAHIR M., ULKU D., SHEVLIN P., BALCI M.  
JOURNAL OF ORGANIC CHEMISTRY, vol.62, no.12, pp.4018-4022, 1997 (SCI-Expanded)
- LXXXVII. **High temperature bromination .8. Bromination of homobenzonorbornadiene**  
Dastan A., TASKESENLIGİL Y., TUMER F., BALCI M.  
TETRAHEDRON, vol.52, no.44, pp.14005-14020, 1996 (SCI-Expanded)
- LXXXVIII. **Attempted synthesis of a highly strained bicyclic alkyne: Reaction of 8-chloro-6,9-dihydro-5,9-methano-5H-benzocycloheptene with potassium t-butoxide and an anomalous substitution reaction at a vinyl system**  
TÜMER F., TAŞKESENLİĞİL Y., DAŞTAN A., BALCI M.  
AUSTRALIAN JOURNAL OF CHEMISTRY, vol.49, no.5, pp.599-603, 1996 (SCI-Expanded)
- LXXXIX. **HIGH-TEMPERATURE BROMINATION .5. FUNCTIONALIZATION OF BENZONORBORNADIENE - HIGH-TEMPERATURE BROMINATION AND ELECTROCHEMICAL OXIDATION**  
DAŞTAN A., DEMİR Ü., BALCI M.  
JOURNAL OF ORGANIC CHEMISTRY, vol.59, no.22, pp.6534-6538, 1994 (SCI-Expanded)
- XC. **HIGH-TEMPERATURE BROMINATION .6. BROMINATION OF BENZOBARRELENE**  
DAŞTAN A., BALCI M., HOKELEK T., ULKU D., BUYUKGUNGOR O.  
TETRAHEDRON, vol.50, no.35, pp.10555-10578, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A new Synthesis of anti-7,8-Benzotricyclo-[4.2.2.02,5]-deca-3,7,9-triene: A Possible Entry to Substituted benzobasketenes**  
DAŞTAN A., BALCI M.  
Turk. J. Chem, vol.18, pp.215-222, 1994 (Peer-Reviewed Journal)
- II. **8,9-dimetilen-4-Fenil-2,4,6,-Triazatrisiklo [5.2.1.02,6] dekan-3,5-dionun sentezi ve Diels-Alder Reaksiyonları. (Maskelenmiş 2,3-Dimetilen Siklo-1,3-Pentadien Diradikal), English: Synthesis and Diels-Alder Reaction of 8,9-Dimethylene-4-Phenyl-2,4,6,-Triazatricyclo [5.2.1.02,6]decan-3,5-dione. (Masked 2,3-Dimethylenecyclopenta-1,3-dien Diradical)**  
DAŞTAN A., ATASOY B.  
Turk. J. Chem., vol.16, pp.45-50, 1992 (Peer-Reviewed Journal)

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Synthesis of the functionalized benzocyclotrimers**  
DAŞTAN A.  
“6th International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST2022)  
<http://itwccst2022.com/>, Baku, Azerbaijan, 26 October 2022, pp.35-36, (Full Text)
- II. **Reduction and Bromination of the Phenazine**  
BUDAK S., UÇAR S., DAŞTAN A.  
OrgChemTR4, 4 - 07 October 2018, (Full Text)
- III. **Synthesis of Trinaphthylene via Two Powerful Approaches**  
ERDOĞAN M., DAŞTAN A.  
OrgChem-TR4, 4 - 07 October 2018, (Full Text)
- IV. **Bromination of the Dibenzosuberone**  
BUDAK G., KOCAK R., UÇAR S., DAŞTAN A.  
OrgChem-TR, Antalya, Turkey, 4 - 07 October 2018, pp.149-150, (Full Text)
- V. **A New Class of Efficient Dihydropyridazine Dibenzosuberone-Derived Colorimetric Chemosensors for Fluoride Ion Recognition**  
ERDOĞAN M., Kocak R., BOZDEMİR Ö. A., DAŞTAN A.  
OrgChemTR4, 4 - 07 October 2018, (Full Text)
- VI. **Effective Synthesis of New Brominated Symmetrical Naphthyridines**  
EŞSİZ S., UÇAR S., DALKİLİC E., DAŞTAN A.  
OrgChemTR4, 4 - 07 October 2018, (Full Text)
- VII. **One-pot Synthesis of Diazanaphthalene Dimers via C-H Substitution**  
UÇAR S., DAŞTAN A.  
(OrgChemTR-4), Antalya, Turkey, 4 - 07 October 2018, pp.201-203, (Full Text)
- VIII. **Microwave-assisted and K-10 Montmorillonite Catalyzed Knoevenagel Condensation: A Method for the Environmentally Benign Synthesis of Benzylidene malononitriles**  
DAĞALAN Z., NİŞANCI B., DAŞTAN A.  
4th Organic Chemistry Congress with International Participation, 4 - 07 October 2018, (Full Text)
- IX. **Reduced Graphene Oxide Supported Cu<sub>3</sub>Pt Alloy Nanoparticles: A Novel and Highly Efficient Heterogeneous Catalyst System for Transfer Hydrogenation**  
GANJEHYAN K., NİŞANCI B., SEVİM M., DAŞTAN A., METİN Ö.  
4th Organic Chemistry Congress WITH international participation, 4 - 07 October 2018, (Full Text)
- X. **Reduced Graphene Oxide Supported Cu<sub>3</sub>Pt alloy nanoparticles as catalysts in the transfer hydrogenation of olefins, nitroarenes and carbonyl compounds**  
GANJEHYAN K., NİŞANCI B., SEVİM M., DAŞTAN A., METİN Ö.  
Green and Sustainable Chemistry GS CC 2017, 13 - 15 November 2017, (Summary Text)
- XI. **Heterogeneous Catalytic Reductive Amination of Carbonyl Compounds with Ni-Al Alloy in Water as Solvent and Hydrogen Source**  
NİŞANCI B., Scahfer C., Bere M. P., DAŞTAN A., Torok B.  
Green and Sustainable Chemistry GS CC 2017, 13 - 15 November 2017, (Summary Text)
- XII. **Alkil Bromürler İçin Etkin Bir Sentez Yöntemi**  
EŞSİZ S., DAŞTAN A.  
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017, (Full Text)
- XIII. **Effective Bromo Peroxidation on Various Compounds Catalyzed by Tungsten(VI) Amino Triphenolate Complexes**  
TAŞKESENLİOĞLU S., BADETTI E., LUCIANO M., DAŞTAN A., ZONTA C., LICINI G.  
2nd International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017, (Summary Text)
- XIV. **Bromoperoxidation Catalyzed by Tungsten(VI) Amino Triphenolate Complexes, , 2017, Antalya, Turkiye.**  
TAŞKESENLİOĞLU S., ELENA B., MARCHIO L., DAŞTAN A., ZONTA C., LICINI G.

- 2nd International Conference on Advances in Natural and Applied Sciences (ICANAS), 18 - 21 April 2017, (Summary Text)
- XV. **Singlet Oxygen, 102: A Small Molecule for Many Applications**  
DAŞTAN A.  
5th CARISMA meetingLisbon, March 6-8, 2017, Lizbon, Portugal, 6 - 08 March 2017, pp.82, (Summary Text)
- XVI. **Reductive Amination of Aldehydes Catalyzed by Reduced Graphene OxideSupported Ni<sub>3</sub>Pd<sub>7</sub> Alloy Nanoparticles**  
NİŞANCI B., GANJEHYAN K., METİN Ö., DAŞTAN A., TÖRÖK B.  
6th International IUPAC Conference on Green Chemistry, 4 - 08 September 2016, (Summary Text)
- XVII. **The First and Efficient Synthesis of Some of The Polyhalogenated Benzobarrelenes: Unusual Formation of A Benzosemibullvalene Derivative**  
EŞSİZ S., ŞENGÜL E., GÜLTEKİN D., DAŞTAN A.  
44. World Chemistry Congress, 11 - 16 August 2016, (Summary Text)
- XVIII. **Chemistry of Cycloheptatriene Endoperoxides and Their Conversion Into Tropolone Derivatives**  
DAŞTAN A.  
“17th Tetrahedron SymposiumChallenges in Biological, Bioorganic, Organic & Medicinal Chemistry ”, 17th Tetrahedron Symposium, Sitge's-NR Barcelone, Spain, [P2.098],, Barselona, Spain, 28 June - 01 July 2016, (Summary Text)
- XIX. **Bromination of Benzobicyclic System with 1 2 Dibromotetracholoroethane Unusual Radical rearrangement**  
DAŞTAN A.  
The 12th International Symposium on Organic Reactions (ISOR-12) and the 6th German-Japanese Symposium on Electrosynthesis (GJSE-6”, Kyoto, Japan, April 22-24, 2016, P72, Kyoto, Japan, 22 - 24 April 2016, (Summary Text)
- XX. **Guney M Amadio E Dastan A Zonta C Licini G Synthesis of Titanium Amine Triphenolate Complex**  
GÜNEY M., Amadio E., DAŞTAN A., Zonta C., Licini G.  
4th CARISMA Meeting Catalytic Routines for Small Molecule Activation, 21-24 March, Ljubljana, Slovenia, 2016, Ljubljana, Slovenia, 21 - 24 March 2016, (Summary Text)
- XXI. **Perylene esters in light harvesting systems**  
AYDIN e., NİŞANCI B., ACAR M., DAŞTAN A., BOZDEMİR Ö. A.  
Anatolian Conference onSynthetic Organic Chemistry ACSOC II, 21 - 24 March 2016, (Summary Text)
- XXII. **Metal Catalysed Oxidative Versatile Halogenation Development of Efficient Selective and eco Friendly Halogenation Method**  
NİŞANCI B., BADETTİ E., ZONTA C., DAŞTAN A., LİCİNİ G.  
4th CARISMA Meeting Catalytic Routines for Small Molecule Activation, 21 - 24 March 2016, (Summary Text)
- XXIII. **SYNTHESIS AND CYCLOTRIMERIZATION of 6 7 DIBROMO 1 4 DIHYDRO 1 4 EPOXYNAPHTHALENE**  
ERDOĞAN M., EŞSİZ S., DAŞTAN A.  
Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, Antalya, Turkey, 11 - 15 November 2015
- XXIV. **NEW AND EFFICIENT SYNTHESIS OF BROMINATED DIAZANAPHTHALENE DERIVATIVES: KEY COMPOUNDS FOR STRONGLY BIOLOGICALY ACTIVE DERIVATIVES**  
UÇAR S., EŞSİZ S., DALKİLİC E., DAŞTAN A.  
1. İnternational Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015, (Summary Text)
- XXV. **An Efficient Synthesis of Substituted Naphthalenesand Anthracenes**  
TURAN E., ERDOĞAN M., RAMAZAN K., SARAÇOĞLU N., DAŞTAN A.  
ITWCCST: 1st International Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015
- XXVI. **SYNTHESIS of NEW NORBORNANOID CHIRAL COMPOUNDS VIA DESYMMETRIZATION of 1 2 VINYL DIBROMIDES**  
Ramazan K., Guiseppe B., Ottorino D. L., DAŞTAN A.  
1st International Turkic World Conference on Chemical Sciences and Technologies, Sarejova, Bosnia And

- Herzegovina, 27 - 31 October 2015, pp.132
- XXVII. **Bazı Eugenol Türevlerinin Asetilkolinesteraz Enzimi Üzerine İnhibisyon Etkileri**  
TOPAL F., GÜLÇİN İ., GÜNEY M., DAŞTAN A.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, (Summary Text)
- XXVIII. **Reductive amination of carbonyl compounds in water as solvent and hydrogen source Schaefer Christian Nisanci Bilal Bere Matt Dastan Arif Torok Bela**  
Christian S., NİŞANCI B., Bere M., DAŞTAN A., Bela T.  
250th ACS National Meeting & Exposition, Boston, MA, United States, August 16-20, 2015 (2015), ORGN-384., BOSTON, United States Of America, 18 - 20 August 2014, (Summary Text)
- XXIX. **Reductive amination of carbonyl compounds in water as solvent and hydrogen source**  
CHRİSTİAN S., NİŞANCI B., MATT B., DAŞTAN A., BELA T.  
ACS National Meeting & Exposition, Boston, MA, Boston, United States Of America, 16 - 20 August 2015, (Summary Text)
- XXX. **Synthesis of New Pyridazines and Determination of Their Carbonic Anhydrase Inhibition Properties**  
Ramazan K., Esra T. A., Kalın P., TALAZ O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ.  
13th Ibn-i Sina İnternational Conferance on Pure and Applied Hetereocyclic Chemistry, 14 - 17 February 2015
- XXXI. **Synthesis of some new pyridazines and determination of their carbonic anhydrase inhibition properties**  
RAMAZAN K., ESRA TURAN A., Kalın P., TALAZ O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ.  
13th Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry, 14 - 17 February 2015
- XXXII. **Oxidation of Cycloheptatriene Derivatives and Synthesis of New Tropolone Derivatives**  
DAŞTAN A.  
Pure and Applied Chemistry International Conference 2015(PACCON2015), 21 - 23 January 2015
- XXXIII. **Synthesis and Characterization of a Zinc-Dipyrrinato-Catenate**  
TUNER e., NİŞANCI B., DAŞTAN A., BOZDEMİR Ö. A.  
RSC Macroyclic and Supramolecular Chemistry Meeting, 16 - 17 December 2013, (Summary Text)
- XXXIV. **Synthesis of New Type Watersoluble Host Molecules for Supramolecular Applications**  
DAŞTAN A., DALKILIÇ E., NİŞANCI B., GÜNEY M.  
International Congress on Organic Chemistry, 18 - 23 September 2011, (Summary Text)
- XXXV. **'xxBazı Oksonorbornadien Türevlerinin Siklotrimerezasyonu: Yeni Bir Host Molekülün Sentezi**  
NİŞANCI B., GÜNEY M., DAŞTAN A., FABRİS f., DE LUCHHİ O.  
25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011, (Summary Text)
- XXXVI. **Synthesis and Diels-Alder Cycloaddition Reaction of Norbornadiene and Benzonorbornadiene Dimers**  
NİŞANCI B., DALKILIÇ E., GÜNEY M., DAŞTAN A.  
The Sixht Jordanian International Conference of Chemistry and The 11th Jordanian Chemical Conference, 19 - 21 April 2011, (Summary Text)
- XXXVII. **New, Efficient and Mild Conditions Synthesis of The Functionalized Benzocyclotrimers**  
DALKILIÇ E., NİŞANCI B., GÜNEY M., DAŞTAN A., SARAÇOĞLU N., FABRİS f., DE LUCHHİ O.  
The Sixht Jordanian International Conference of Chemistry and The 11th Jordanian Chemical Conference, 19 - 21 April 2011, (Summary Text)
- XXXVIII. **Novel and versatile protocol for the preparation of functionalized benzocyclotrimers**  
DAŞTAN A., DALKILIÇ E., fabris f., De Luchhi O., GÜNEY M., NİŞANCI B., SARAÇOĞLU N.  
The Third International Symposium on Organic Chemistry, 30 October - 02 November 2010, (Summary Text)
- XXXIX. **1D, 2D-NMR Teknikleri ile Endo ve Exo Benzosiklobutonenorbornen Tirkomürlerin Yapı Karakterizasyonu ve X-Ray analizleri ile Korelasyonları**  
ŞAHİN E., ANİL B., DAŞTAN A., KAZAZ C.  
24 Ulusal Kimya Kongresi, Turkey, 29 June - 02 July 2010, (Summary Text)
- XL. **Norbornadien Türevlerinin Dimerizasyonu ve Diels-Alder Katılma Tepkimeleri**  
NİŞANCI B., DALKILIÇ E., GÜNEY M., DAŞTAN A.  
24. Ulusal Kimya Kongresi, Turkey, 29 June - 02 July 2010, (Summary Text)

- XLI. **Yeni Bir Yaklaşımıla Benzosiklotrimelerin Sentezi,**  
 DALKILIÇ E., NİŞANCI B., GÜNEY M., DAŞTAN A., SARAÇOĞLU N., FABRİS f., DE LUCHHİ O.  
 24. Ulusal Kimya Kongresi, Turkey, 29 June - 02 July 2010, (Summary Text)
- XLII. **Structural Analysis of endo- and exo- Benzocyclobutenonorbornene-Dibromides by Using 1H, 13C NMR and X-Ray Diffraction Tecniques**  
 ŞAHİN E., ANİL B., DAŞTAN A., KAZAZ C.  
 25th European Crystallographic Meeting, 16 - 21 August 2009, (Summary Text)
- XLIII. **Bromination of 7-Bromonorbornene: Polybrominated Norbornanes and Norbornenes**  
 GÜLTEKİN D., TAŞKESENLİĞİL Y., DAŞTAN A., BALCI M.  
 International Conference on Organic Chemistry, 5 - 09 June 2007, (Summary Text)
- XLIV. **7-Bromnorbornenin Brominasyonu: Polibromlu Norbornan ve Norbornenlerin Sentezi**  
 GÜLTEKİN D. D., TAŞKESENLİĞİL Y., DAŞTAN A.  
 XIX. Ulusal Kimya Kongresi, İzmir, Turkey, 30 September - 04 October 2005, pp.792, (Summary Text)
- XLV. **7-Bromnorbornenin Brominasyonu: Polibromlu Norbornan ve Norbornenlerin Sentezi**  
 GÜLTEKİN D. D., TAŞKESENLİĞİL Y., DAŞTAN A.  
 XIX. Ulusal Kimya Kongresi, İzmir, Turkey, 30 September - 04 October 2005, pp.792, (Summary Text)
- XLVI. **Benzo Bisiklik Sistemlerde Gamma-gauch Etkisinin spektroskopik Yapı Tayininde Kullanılması**  
 KAZAZ C., DAŞTAN A., BALCI M.  
 IX Ulusal Spektroskopi Kongresi, Turkey, 9 - 11 June 2005, (Summary Text)
- XLVII. **Norbornen'in Yüksek Sıcaklık Brominasyonu**  
 GUELTEKİN D. D., TAŞKESENLİĞİL Y., DAŞTAN A.  
 XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.629, (Summary Text)
- XLVIII. **Norbornen'in Yüksek Sıcaklık Brominasyonu**  
 GUELTEKİN D. D., TAŞKESENLİĞİL Y., DAŞTAN A.  
 XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.629, (Summary Text)
- XLIX. **"[2.2.2] ve [3.2.1] Benzobisiklookten Sistemlerinde  $\gamma$ -Gauch Etkisinin Spektral Olarak İncelenmesi**  
 KAZAZ C., DAŞTAN A., BALCI M.  
 XI. Kimya Kongresi, Yüzüncü Yıl Üniversitesi, Van, Turkey, 16 - 20 June 1997, (Summary Text)
- L. **HIGH TEMPERATURE BROMINATION .4. BROMINATION OF BENZONORBORNADIENE AND BENZOARRELENE**  
 BALCI M., DASTAN A., CAKMAK O.  
 ORGABROM 93 Conference, JERUSALEM, Israel, 28 June - 02 July 1993, vol.7, pp.65-76, (Full Text)
- LI. **Benzotropon ve Türevlerinin Yeni ve Daha Uygun Yolla Sentezi**  
 DAŞTAN A., YILDIZ Y. K., SEÇEN H., BALCI M.  
 X. Ulusal Kimya Kongresi, Turkey, 19 - 21 September 1994, pp.312

## Funded Projects

- DAŞTAN A., TUBITAK Project, C-H Substitusyon Tepkimesi Üzerinden Diazanaftalinlerin Dimerizasyonu Ve Hetero Arilasyonu: Pek Çok Uygulama İçin Sentetik Potansiyeli Yüksek Heterosiklik Moleküllerin Etkin Sentezi, 2017 - Continues
- DAŞTAN A., TUBITAK Project, Piridazin Halkası İçeren Kromik Dibenzosüberonların İlk Sentezi, Fotokromik Özelliklerinin ve Spiro Bileşiklerine Düzenlenme Tepkimelerinin İncelenmesi: Flor Sensör Olarak Yeni Tip Boyar Maddeler, 2016 - Continues
- DAŞTAN A., UÇAR S., Project Supported by Higher Education Institutions, 4-Alkinilkınazolin Türevleri için Yeni Bir Sentetik Yaklaşımın Geliştirilmesi, 2020 - 2021
- AKBULUT N., MENZEK A., DAŞTAN A., EKİNCİ D., KILIÇ H., ÖZDEMİR H., KAZAZ C., SARAÇOĞLU N., ONGANER Y., ŞAHİN E., et al., Project Supported by Higher Education Institutions, Kimya Bölümünün Akademik Araştırma Potansiyelinin Geliştirilmesi, 2019 - 2021
- DAŞTAN A., YILDIZ S., Project Supported by Higher Education Institutions, FENAZİN VE 1,10-FENANTROLİN BİLEŞİKLERİNİN BROMLU ANALOGLARININ SENTEZİ, 2018 - 2021

DAŞTAN A., YILDIZ S., Project Supported by Higher Education Institutions, TEKNOLOJİK VE BİYOLOJİK POTANSİYELİ YÜKSEK TÜREVLER İÇİN ANAHTAR MOLEKÜLLER OLARAK KİNAZOLİN VE NAFTİRİDİN BİLEŞİKLERİNİN BROMLU ANALOGLARININ SENTEZİ, 2018 - 2019

ÇAKICI M., DAŞTAN A., MENZEK A., GÖKSU S., MARAŞ A., ANİL B., KILIÇ H., KİŞHALI N., BOZDEMİR Ö. A., KARA Y., et al., Project Supported by Higher Education Institutions, Nükleer Manyetik Rezonans (NMR) Cihazının Bakım ve Onarımı, 2018 - 2018

DAŞTAN A., KOÇAK R., Project Supported by Higher Education Institutions, DOPAMİN BENZERİ PİRİDAZİN, PİROL VE AMİNOTETRALİN TÜREVLERİNİN SENTEZİ, 2016 - 2018

DAŞTAN A., Project Supported by Higher Education Institutions, ALKOLLERDEN ALKİL BROMÜRLER İÇİN YENİ VE ETKİN BİR SENTEZ YÖNTEMİNİN GELİŞTİRİLMESİ, 2015 - 2016

DAŞTAN A., ERDOĞAN M., Project Supported by Higher Education Institutions, 6,7-DİBROMO-1,4-DİHİDRO-1,4-EPOKSİNAFTALİNİN SENTEZİ VE SİKLOTRİMİZASYONU, 2015 - 2016

DAŞTAN A., TUBITAK Project, Diazanaftalin Türevlerinin Sentezi İçin Yeni ve Etkin Yöntemlerin Geliştirilmesi: Biyolojik Potansiyeli Yüksek Türevler İçin Anahtar Moleküller, 2013 - 2016

NIŞANCI B., DAŞTAN A., TUBITAK Project, Geniş Kullanım Alanına Sahip Metal (IV) Katalize Oksidatif Halojenasyon: Etkin, Seçici ve Çevre Duyarlı Halojenasyon Yöntemlerinin Geliştirilmesi, 2013 - 2016

DAŞTAN A., TUBITAK Project, Yeni Bir Yaklaşımla Polihalojenli Naftalin ve Antrasen Türevlerinin Seçici Olarak Sentezi, 2012 - 2015

DAŞTAN A., NIŞANCI B., Project Supported by Higher Education Institutions, SUYUN ÇÖZÜCÜ VE HİDROJEN KAYNAĞI OLARAK KULLANILMASIYLA KARBONİL BİLEŞİKLERİNİN REDÜKTİF AMİNASYONU, 2013 - 2014

DAŞTAN A., NIŞANCI B., Project Supported by Higher Education Institutions, MONO VE BİS SİKLOBUTENOSİKLOOKTANLARIN SENTEZİ, 2013 - 2014

DAŞTAN A., TAŞKESENLİOĞLU S., Project Supported by Higher Education Institutions, 2-SİYANOZONORBORNEDİENİN DEĞİŞİK SICAKLIKLarda VE GERİLİMLİ ALKENLERİN MİKRO DALGA ORTAMINDA BROMİNASYONU, 2012 - 2013

DAŞTAN A., KOÇAK R., NIŞANCI B., Project Supported by Higher Education Institutions, DİMERİK BENZOFURAN TÜREVLERİNİN SENTEZİ, 2011 - 2012

DAŞTAN A., TUBITAK Project, Vinilik Dibromürlerin Desimetrizasyonu ve Yeni Kiral Polisiklik Ketonların Sentezi, 2010 - 2012

DAŞTAN A., Project Supported by Higher Education Institutions, 2,3-DİHİDROBENZOBARRELEN İN PROMİNASYONU VE SİKLOTRİMİZASYONU, 2010 - 2011

DAŞTAN A., TUBITAK Project, Retro Diels-Alder Reaksiyonu ile Sentetik Potansiyeli Yüksek Siklopentadien Türevlerinin Sentezi, 2009 - 2011

DAŞTAN A., TUBITAK Project, Supramoleküler Uygulamalar İçin Suda Çözünebilen Siklotrimeler, 2008 - 2010

DAŞTAN A., TUBITAK Project, Tetraklorobenzobarrelenin Brominasyonu, Polihalojenlenmiş Benzobarrelen Türevlerinin Eldesi ve Tetraklorobenzobarrelenin Siklotrimizasyonu Üzerinden Host-Guest Tipi Moleküllerin Sentezi, 2007 - 2009

DAŞTAN A., TUBITAK Project, Biyolojik ve Sentetik Açıdan Önemli Bazı Hidrokarbonların Sentezi, Stille Coupling Reaksiyonu ile Siklotrimizasyonu ve Dimerizasyonu, 2006 - 2008

DAŞTAN A., TUBITAK Project, Fotooksijenasyon Yöntemi ile Yeni Tip Tropolonların Sentezi, 2005 - 2006

DAŞTAN A., TUBITAK Project, Doğal Tropolon Türevleri için Yeni sentetik Yöntemlerin Geliştirilmesi, 1999 - 2001

## Activities in Scientific Journals

Organic Communications, Committee Member, 2015 - Continues  
ARKIVOC, Committee Member, 2012 - Continues  
Turkish Journal Of Chemistry, First Editor, 2012 - 2016

## Metrics

**Publication:** 146

**Citation (WoS):** 1690

**Citation (Scopus):** 1653

**H-Index (WoS):** 20

**H-Index (Scopus):** 20

## **Awards**

DAŞTAN A., GEBİP, TÜBA, June 2011

## **Non Academic Experience**

Atatürk Üniversitesi, Öğretim Üyesi