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Education Information

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

ORGANİK SENTEZ TASARIMI, Doctorate, 2022 - 2023

Kimya, Undergraduate, 2022 - 2023

Uzmanlık alan Dersi II, Doctorate, 2020 - 2021

Genel Kimya Laboratuvarı II, Undergraduate, 2020 - 2021

Organic Chemistry II , Undergraduate, 2020 - 2021

Organic Chemistry I, Undergraduate, 2020 - 2021

Uzmanlık Alan Dersi I, Doctorate, 2020 - 2021

General chemistry Laboratory, Undergraduate, 2020 - 2021

Bilimsel Bilgiye Erişim Bilgiyi sunma, Doctorate, 2015 - 2016

Advising Theses

DAŞTAN A., İndolün Brominasyonu ve Yeni Triazatruksenlerin Sentezi, Doctorate, E.Karaoğlu(Student), 2017

Jury Memberships

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fluorometric and colorimetric sensor for selective detection of cyanide anion by dibenzosuberenone-based dihydropyridazine in aqueous solution**
ACAR M., DAŞTAN A., Koçak R.
Talanta, vol.277, 2024 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **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)
- V. **Selectfluor and TBAX (Cl, Br) Mediated Oxidative Chlorination and Bromination of Olefins**
Dagalan Z., Kocak R., DAŞTAN A., NİŞANCI B.
ORGANIC LETTERS, vol.24, pp.8261-8264, 2022 (SCI-Expanded)
- VI. **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)
- VII. **Transition-Metal-Free Synthesis of 4-Alkynylquinazolines**
UÇAR S., DAŞTAN A.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol.2022, no.13, 2022 (SCI-Expanded)
- VIII. **Recent Advances in the Transition-Metal-Free Arylation of Hetero-arenes**
UÇAR S., DAŞTAN A.
SYNTHESIS-STUTT GART, vol.53, no.23, pp.4353-4374, 2021 (SCI-Expanded)
- IX. **Theoretical Studies on the Mechanism of the Formation of Cyclopentadienes 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)
- X. **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)
- XI. **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)
- XII. **Synthesis of dibenzosuberenone-based novel polycyclic π -conjugated dihydropyridazines, pyridazines and pyrroles**
Kocak R., DAŞTAN A.

BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.17, pp.719-729, 2021 (SCI-Expanded)

- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **Design, synthesis, and characterization of a new class of efficient dihydropyridazine-dibenzosuberone derived fluorescent dyes and investigation of their some photophysical properties**
Erdogan M., DAŞTAN A.
TETRAHEDRON, vol.76, no.26, 2020 (SCI-Expanded)
- XVII. **Monodisperse CuPt alloy nanoparticles assembled on reduced graphene oxide as catalysts in the transfer hydrogenation of various functional organic groups**
GANJEHYAN K., Nisanci B., SEVİM M., DAŞTAN A., Metin O.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.5, 2019 (SCI-Expanded)
- XVIII. **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)
- XIX. **Aromatic stacking of a perylene tetracarboxylic 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)
- XX. **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)
- XXI. **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)
- XXII. **The Dibenzosuberone 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)
- XXIII. **Highly diastereoselective synthesis of a novel functionalized triepoxytrinaphthylene**
Erdogan M., EŞSİZ S., Fabris F., DAŞTAN A.
ARKIVOC, pp.134-143, 2018 (SCI-Expanded)
- XXIV. **Synthesis of an F-BODIPY [2]catenane using the chemistry of bis(dipyrrinato) metal complexes**
NİŞANCI 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)
- XXV. **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)
- XXVI. **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)
- XXVII. **Unexpected regioselectivity observed in the bromination and epoxidation reactions of p-benzoquinone-fused norbornadiene: An experimental and computational study**
Essiz S., DALKILIC E., Sari O., DAŞTAN A., Balci M.
TETRAHEDRON, vol.73, no.12, pp.1640-1649, 2017 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **Graphene-supported NiPd alloy nanoparticles: A novel and highly efficient heterogeneous catalyst system for the reductive amination of aldehydes**
NİŞANCI B., Ganjehyan K., Metin Ö., DAŞTAN A., Török B.
Journal of Molecular Catalysis A: Chemical, vol.409, pp.191-197, 2015 (SCI-Expanded)
- XXXV. **Synthesis of a Novel Benzocyclootrimer 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)
- XXXVI. **Synthesis of cyclopentadiene derivatives by retro-Diels-Alder reaction of norbornadiene derivatives**
DALKILIC E., DAŞTAN A.
TETRAHEDRON, vol.71, no.13, pp.1966-1970, 2015 (SCI-Expanded)
- XXXVII. **Twisted Baskets**
Hermann K., Pratumyot 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)
- XXXVIII. **Synthesis and use of "clickable" bay-region tetrasubstituted perylene tetracarboxylic tetraesters and a perytene 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)
- XXXIX. **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)
- XL. **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)
- XLII. **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)
- XLIII. **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)
- XLIII. **Stereoconvergent Generation of a Contrasteric syn-Bicyclopropylidene (=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)
- XLIV. **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)
- XLV. **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)
- XLVI. **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)
- XLVII. **Low and high temperature bromination of 2,3-dicarbomethoxy and 2,3-dicyano benzobarrelene: unexpected substituent effect on bromination**
TASKESENLIOGLU S., DAŞTAN A., DALKILIC E., GUNAY M., Abbasoglu R.
NEW JOURNAL OF CHEMISTRY, vol.34, no.1, pp.141-150, 2010 (SCI-Expanded)
- XLVIII. **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)
- XLIX. **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)
- L. **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)
- LI. **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)
- LII. **Structural Analysis of endo- and exo-Benzocyclobutenonorbornene-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)
- LIII. **Bromination of Tetrachlorobenzobarrelene: Polyhalogenated Benzobicyclics**
SENGUL M. E., GULTEKIN D., Essiz S., DAŞTAN A.
TURKISH JOURNAL OF CHEMISTRY, vol.33, no.1, pp.79-86, 2009 (SCI-Expanded)
- LIV. **Bromination of norbornene derivatives: synthesis of brominated norbornanes and norbornenes**
GULTEKIN D., TAŞKESENLİGİL Y., DAŞTAN A., Balci M.
TETRAHEDRON, vol.64, no.19, pp.4377-4383, 2008 (SCI-Expanded)
- LV. **The effect of the double bond pyramidalization on the mode of the bromination reaction:**

- Bromination of benzobicyclononadiene**
BALCI M., GUNEY M., DASTAN A., AZIZOGLU A.
JOURNAL OF ORGANIC CHEMISTRY, vol.72, no.13, pp.4756-4762, 2007 (SCI-Expanded)
- LVI. **Oxidation of some alkoxy-cycloheptatriene derivatives: unusual formation of furan and furanoids from cycloheptatrienes**
COSKUN A., GUNEY M., DASTAN A., BALCI M.
TETRAHEDRON, vol.63, no.23, pp.4944-4950, 2007 (SCI-Expanded)
- LVII. **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)
- LVIII. **(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)
- LIX. **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)
- LX. **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)
- LXI. **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)
- LXII. **Bromination of endo- and exo-benzocyclobutenonorbornene derivatives: neighbour group effect on bromination**
UZUNDUMLU E., DASTAN A.
JOURNAL OF CHEMICAL RESEARCH-S, no.6, pp.348-351, 2005 (SCI-Expanded)
- LXIII. **Substituent effects of the cycloaddition reaction of 7-substituted 5H-benzocycloheptenes with singlet oxygen and the chemistry of the benzocycloheptene endoperoxides**
GUNEY M., CEYLAN Z., DASTAN A., BALCI M.
CANADIAN JOURNAL OF CHEMISTRY, vol.83, no.3, pp.227-235, 2005 (SCI-Expanded)
- LXIV. **(+/-)-(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)
- LXV. **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)
- LXVI. **(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)
- LXVII. **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)
- LXVIII. **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)
- LXIX. **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)
- LXX. **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)
- LXXI. **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)
- LXXII. **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)
- LXXIII. **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)
- LXXIV. **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)
- LXXV. **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)
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DAŞTAN A., TUBITAK Project, Fotooksjenasyon Yöntemi İle 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: 144

Citation (WoS): 1688

Citation (Scopus): 1638

H-Index (WoS): 20

H-Index (Scopus): 20

Awards

DAŞTAN A., GEBİP, TÜBA, June 2011

Non Academic Experience

Atatürk Üniversitesi