

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University Of Alberta, Kanada 1984 - 1990

Lisans, University Of Southampton, Chemistry, İngiltere 1981 - 1984

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, C7H7-Bridged Cycloheptatrienyl Complexes, University Of Alberta, 1990

Araştırma Alanları

Kimya, Organik Kimya, Asimetrik Sentez Kimyası, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2012 - Devam Ediyor

Doç.Dr., Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2005 - 2012

Yönetilen Tezler

ASTLEYS. T. , An investigation into structural effects on the catalytic activity of chiral metal-ligand complexes, Doktora, P.ARZU(Öğrenci), 2017

ASTLEYS. T. , ASTLEY D., Preparation and activity of some new chiral compounds, Doktora, N.KORKMAZ(Öğrenci), 2014

ASTLEYS. T. , synthesis of semi-rigid ligands and preparation of metal organic frameworks, Yüksek Lisans, Y.ÇİFÇİ(Öğrenci), 2013

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ASTLEYS. T. , The reaction of aromatic aldehydes with amino alcohols, Yüksek Lisans, N.CENGİZ(Öğrenci), 2007

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Synthesis and Structural Characterization of Two Novel Copper(II) Schiff Base Complexes and their Water-Containing Supramolecular Structures**

Celepci D. B. , Korkmaz N., ASTLEYS. T. , Aygun M.

JOURNAL OF STRUCTURAL CHEMISTRY, cilt.60, ss.151-158, 2019 (SCI İndekslerine Giren Dergi)

- **Synthesis, characterization, and antimicrobial activities of novel monosaccharide-containing Schiff base ligands**

Telli F. C. , ASTLEY S. T. , SALMAN A. Y.

TURKISH JOURNAL OF CHEMISTRY, cilt.41, ss.370-380, 2017 (SCI İndekslerine Giren Dergi)

- **Carboxylate Ion dependency in the Cu(II) catalysed asymmetric Henry reaction: Structural characterisation of a tridentate Schiff Base complex containing a coordinated carboxylic acid**
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- **Synthesis of novel Schiff base ligands from gluco- and galactochloraloses for the Cu(II) catalyzed asymmetric Henry reaction**
ALKAN S., TELLİ F., SALMAN Y., ASTLEY S. T.
CARBOHYDRATE RESEARCH, cilt.407, ss.97-103, 2015 (SCI İndekslerine Giren Dergi)
- **Crystal structure determination of four new copper II complexes containing one type Schiff base ligands**
BARUT CELEPCİ D., KORKMAZ N., ASTLEY S. T. , AYGÜN M.
Acta Crystallographica Section A, cilt.71, ss.422, 2015 (SCI İndekslerine Giren Dergi)
- **Synthesis, X-ray Structural and Thermal Analysis of a Novel Copper Compound Containing Dissymmetric Independent 5-and 6-coordinate CuL(H₂O)(n) (n=2, 3) Units and Hydrogen bond Bridges**
Barut D., KORKMAZ n., Astley S. T. , Aygun M.
ACTA CHIMICA SLOVENICA, cilt.62, ss.88-94, 2015 (SCI İndekslerine Giren Dergi)
- **Alkyne insertion and coupling reactions mediated by the cycloheptatrienyl bridged heterobimetallic complexes C₇H₇ Ru CO 3M CO 2 M Rh Ir**
ASTLEY S. T. , JOSEF T.
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- **Catalyst functional group cooperativity in the amino acid-catalysed nitroaldol condensation reaction**
Karadeniz L., Astley S. T.
RESEARCH ON CHEMICAL INTERMEDIATES, cilt.39, ss.3407-3415, 2013 (SCI İndekslerine Giren Dergi)
- **Synthesis of Stable Acyclic Aminals Derived from L-(+)-Aspartic Acid and Their Application in Asymmetric Henry Reactions**
Koz G., ASTLEY D., ASTLEY S. T.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, cilt.68, ss.57-63, 2013 (SCI İndekslerine Giren Dergi)
- **Tridentate ligands derived from L-tert-Leucine for the Cu(II) mediated asymmetric Henry reaction**
Korkmaz N., ASTLEY D., ASTLEY S. T.
TURKISH JOURNAL OF CHEMISTRY, cilt.35, ss.361-374, 2011 (SCI İndekslerine Giren Dergi)
- **Enantioselective Henry reaction catalyzed by a novel L-(+)-aspartic acid-derived Schiff base ligand and Cu(II) ion**
KOZ G., ASTLEY D., ASTLEY S. T.
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- **Synthesis, spectroscopic and structural characterization of cobalt(II) complex with uracil-containing 2,6-diformylpyridine ligand: Theoretical studies on the ligand and pentagonal-bipyramidal [Co(L)(H₂O)(2)](2+) and [Zn(L)(H₂O)(2)](2+) cations**
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- **Co(III) catalysed asymmetric ring-opening of epichlorohydrin by salicylaldehyde derivatives: reversal of enantioselectivity and rate acceleration on addition of AlCl₃**
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- **A highly novel dinickel complex: A hydrogen-bonded anti-skew carboxylate bridge and a 2D supramolecular structure**
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INORGANIC CHEMISTRY COMMUNICATIONS, cilt.12, ss.1204-1208, 2009 (SCI İndekslerine Giren Dergi)
- **trans-diaqua{5,5'-(E,E)-pyridine-2,6-diylbis(methylidynenitrilo)}bis[pyrimidine-2,4(1H,3H)-dione]}zinc(II) nitrate hexafluorophosphate trihydrate**
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Dergi)

- **Uncatalysed coupling of an activated aryl chloride with aryllithium and aryl Grignard reagents**
Astley D., Saygi H., Gezer S., Astley S. T.
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- **The metal-halogen exchange reaction between ortho-substituted aryl halides and Ph₂CuLi center dot LiCN: scope and applicability for coupling reactions**
Cetin F., Senogul H., Gezer S., Astley D., Astley S. T.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.689, ss.154-157, 2004 (SCI İndekslerine Giren Dergi)
- **Preparation of o-bromobenzophenone derivatives from lithium diarylcuprate(I) reagents**
Karagoz S., Astley D., Astley S. T.
APPLIED ORGANOMETALLIC CHEMISTRY, cilt.14, ss.341-344, 2000 (SCI İndekslerine Giren Dergi)
- **Structure and luminescent properties of the 4 arylidene 2 aryl 5 oxazolones azlactones in solution and crystalline states**
İÇLİ S., DOROSHENKO A., ALP S., ABMANOVA N., EGOROVA S., ASTLEY S. T.
Spectroscopy Letters, cilt.32, ss.553, 1999 (SCI Expanded İndekslerine Giren Dergi)
- **Stereocontrolled organomanganese synthesis of cis-4a,10b-dihydrophenanthridine derivatives**
ASTLEY S. T. , Astley D.
TETRAHEDRON LETTERS, cilt.38, ss.623-626, 1997 (SCI İndekslerine Giren Dergi)
- **A BENEFICIAL EFFECT OF ORTHO-SUBSTITUENTS IN THE ARYLATION OF (BENZENE)TRICARBONYLMANGANESE(1+) HEXAFLUOROPHOSPHATE(1-)**
ASTLEY D., ASTLEY S. T.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.487, ss.253-255, 1995 (SCI İndekslerine Giren Dergi)
- **PREPARATION AND REACTIVITY OF CUPRATE DERIVATIVES OF LITHIUM 6-LITHIOPIPERONYLATE WITH TRICARBONYL(2-METHOXYCYCLOHEXADIENYL)IRON(1+) HEXAFLUOROPHOSPHATE(1-)**
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JOURNAL OF THE CHEMICAL SOCIETY-PERKIN TRANSACTIONS 1, ss.1953-1955, 1993 (SCI İndekslerine Giren Dergi)
- **HIPPEASTRINE SYNTHESIS - A COMBINED BIO-DIOXYGENATION ORGANOIRON CHIRALITY RELAY APPROACH**
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- **Hippeastrine Synthesis Functionalised metallated arenes in an organoiron route to a tricyclic model**
ASTLEY S. T. , RICHARD S.
Synlett, ss.507, 1992 (SCI Expanded İndekslerine Giren Dergi)
- **COMPARATIVE PHOTOCHEMISTRY OF SOME TRICARBONYL(ETA-4-POLYENE)IRON COMPLEXES IN FROZEN GAS MATRICES AT CA-12-K**
ASTLEY S. T. , CHURTON M., HITAM R., REST A.
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- **Solid state structure and fluxional solution behaviour of the ambident organometallic nucleophiles C₇H₇ M CO₃ 1 M Ru Os**
ASTLEY S. T. , TAKATS J., HUFFMAN J., STREIB W.
Organometallics, cilt.9, ss.184, 1990 (SCI Expanded İndekslerine Giren Dergi)
- **CYCLOHEPTATRIENYL BRIDGED HETEROBIMETALLIC COMPLEXES - SYNTHESIS AND REACTIVITY OF (MU-C₇H₇)RU(CO)₃IR(CO)₂**
ASTLEY S. T. , TAKATS J.
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Diğer Dergilerde Yayınlanan Makaleler

- **Preparation Of A Chiral Cu(II)-Schiff Base Complex And Application For Asymmetric Catalysis**
Alkan L., Astley S. T.
Karaelmas Fen ve Mühendislik Dergisi, cilt.8, ss.151-155, 2018 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Synthesis of Novel Piperazine Derivatives**

ALKAN L., ASTLEY S. T.

Erasmus International Academic Research Symposium, 5 - 06 Nisan 2019

- **Copper(II)-Catalysed Asymmetric Henry (Nitroaldol) Reactions: Recent Developments**

Alkan L., Astley S. T.

ANCON 2017, Ankara, Türkiye, 5 - 07 Ekim 2017

- **Chiral Fluorescent Receptors: Synthesis and Recognition for Amino Acids**

KARADENİZ L., YALÇIN U., AKSUNER N., ASTLEY S. T.

Chemistry Conference for Young Scientists ChemCYS 2016, 16 - 18 Mart 2016

- **ONO Tipi Üç Dişli Kiral Ligand İçeren Cu(II) Kompleksinin Sentezi ve Asimetrik Henry Tepkimesindeki Katalitik Aktivitesinin İncelenmesi**

KARADENİZ L., ASTLEY S. T.

XXVII. Ulusal Kimya Kongresi, Türkiye, 23 - 28 Ağustos 2015

- **Primer Amin İçeren Şeker Tiyoüre Türevi Kiral Katalizörler ve Uygulamaları**

KORKMAZ N., KÖK G., ASTLEY S. T.

1. Ulusal Organik Kimya Kongresi, Sakarya, Türkiye, 11 Eylül 2013, ss.247

- **Tridentate Ligands Derived from Aminosugar Derivative for the Cu II Mediated Asymmetric Henry Reaction**

TELLİ F., Alkan S., SALMAN A. Y. , ASTLEY S. T.

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KARADENİZ L., ASTLEY S. T. , YAŞA İ.

3rd Pak-Turk Conference on Chemical Science, 13 - 15 Eylül 2012

- **Synthesis and Characterization of Multifunctional Chiral Schiff Base Derivatives**

KARADENİZ L., ASTLEY S. T.

15th International Electronic Conference on Synthetic Organic Chemistry, 1 - 30 Kasım 2011

- **Tek Basamakta Gerçekleşen Henry Eliminasyon Tepkimeleri**

KARADENİZ L., ASTLEY S. T.

XXV. ULUSAL KİMYA KONGRESİ, Türkiye, 27 Haziran - 02 Temmuz 2011

- **Kiral Lewis-Asit Katalizli Diels Alder Tepkimeleri**

KARADENİZ L., ASTLEY S. T.

XXV. ULUSAL KİMYA KONGRESİ, Türkiye, 27 Haziran - 02 Temmuz 2011

- **Salisilaldehit Türevlerinin Epiklorohidrin ile Tepkimeleri**

AYDIN K., KARADENİZ L., KOZ G., ASTLEY D., ASTLEY S. T.

XXII. ULUSAL KİMYA KONGRESİ, Türkiye, 6 - 10 Ekim 2008

- **The Reaction between Ortho Substituted Aryl Halides and Ph₂CuLi LiCN Preparation of Functionalized Arylcuprate Reagents.**

ASTLEY S. T. , ASTLEY D. , TELLİ F. , SENOGUL H. , Gezer S.

XVIII. Ulusal Kimya Kongresi, Kars, Türkiye, 05 Temmuz 2004, ss.1

- **o İyodo Sübstitüentli Aril Bileşiklerinin Bakır İçeren Organometalik Bileşiklerle Reaksiyonların İncelenmesi.**

TELLİ F. , ASTLEY S. T. , ASTLEY D.

XVII. Ulusal Kimya Kongresi, İstanbul, Türkiye, 08 Eylül 2003, ss.1

Desteklenen Projeler

ASTLEY S. T. , Yükseköğretim Kurumları Destekli Proje, KİRAL METAL LİGANDLARIN KATALİTİK AKTİVİTESİ ÜZERİNDEN YAPISAL ETKİLERİNİN İNCELENMESİ, 2015 - 2017

ASTLEY S. T. , Yükseköğretim Kurumları Destekli Proje, YENİ KİRAL-ESNEK KARBOKSİLAT LİGANTLARIN HAZIRLANMASI, 2013 - 2014

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ASTLEYS. T. , Yükseköğretim Kurumları Destekli Proje, AROMATİK ALDEHİTLERİN AMİNOALKOLLERLE REAKSİYONLARI, 2006 - 2008

ASTLEYS. T. , Yükseköğretim Kurumları Destekli Proje, BİS (BENZEN) DEMİR DİKATYONUNA NÜKLEOFİLİK KATILMA REAKSİYONLARI, 1992 - 1995

Atıflar

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