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Eğitim Bilgileri

Doktora, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1992 - 1999

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Türkiye 1988 - 1992

Lisans, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 1984 - 1988

Yaptığı Tezler

Doktora, İşlevsel Tetraaminoalkenlerin Sentezi ve Özellikleri, İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1990

Araştırma Alanları

Kimya, Organik Kimya, Organometalik Bileşikler, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - Devam Ediyor

Doç.Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2011

Yönetilen Tezler

Gök Y., 4-nitrofenil grubu içeren palladyum komplekslerinin sentezi ve özellikleri, Yüksek Lisans, T.ÇAĞLILAR(Öğrenci), 2020

Gök Y., 3-siyanobenzil sübtitüentli nhc-pd-l (L: Morfolin, fosfin, 2-aminopiridin) komplekslerinin sentezi ve özellikleri, Yüksek Lisans, F.TÜRKER(Öğrenci), 2020

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A study about excellent xanthine oxidase inhibitory effects of new pyridine salts**
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- VI. **Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPSI type of Pd(II)NHC complexes**
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- VII. **New Pd-PEPSI complexes bearing meta-cyanobenzyl-Substituted NHC: Synthesis, characterization, crystal structure and catalytic activity in direct C-H arylation of (Hetero)arenes with aryl bromides**
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- VIII. **Synthesis, crystal structures, spectral investigations, conformational analysis and DFT studies of N-heterocyclic carbene precursors**
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- IX. **A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties**
AKTAŞ A., Celepci D., GÖK Y., Taslimi P., Akincioglu H., GÜLÇİN İ.
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- X. **4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation**

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- XI. **Chemistry, structure, and biological roles of Au-NHC complexes as TrxR inhibitors**
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- XII. **New (NHC)Pd(II)(PPh₃) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizoroki-Heck cross-coupling reactions**
Erdemir F., AKTAŞ A., CELEPCİ D. B. , GÖK Y.
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- XIII. **Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties**
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- XIV. **New morpholine-liganded palladium(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNA-binding studies**
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- XV. **In vitro antimicrobial studies of naphthalen-1-ylmethyl substituted silver N-heterocyclic carbene complexes**
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- XVI. **Synthesis, crystal structures, spectral FT-IR, NMR and UV-Vis investigations and Hirshfeld surface analysis of two new 2-hydroxyethyl-substituted N-heterocyclic carbene precursors**
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- XVII. **Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**
Erdemir P., Celepci D. B. , AKTAŞ A., GÖK Y., Kaya R., Taslimi P., Demir Y., GÜLÇİN İ.
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- XVIII. **2-hydroxyethyl-substituted (NHC)Pd(II)(pyridine) (Pd-PEPPSI) Complexes: Synthesis, Characterization and the Catalytic Activity in the Sonogashira Cross-coupling Reaction**
Erdemir F., CELEPCİ D. B. , AKTAŞ A., GÖK Y.
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- XIX. **New 2-hydroxyethyl substituted N-Heterocyclic carbene precursors: Synthesis, characterization, crystal structure and inhibitory properties against carbonic anhydrase and xanthine oxidase**
AKTAŞ A., Noma S. A. A. , CELEPCİ D. B. , Erdemir F., GÖK Y., ATEŞ B.
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- XX. **Mixed phosphine/N-heterocyclic carbene-palladium complexes: synthesis, characterization, crystal structure and application in the Sonogashira reaction in aqueous media**
AKTAŞ A., Erdemir F., CELEPCİ D. B. , GÖK Y., AYGÜN M.
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- XXI. **PALLADIUM/BENZIMIDAZOLIUM SALT CATALYST SYSTEMS AND N-HETEROCYCLIC CARBENE-PALLADIUM(II)-PYRIDINE (PEPPSI) COMPLEXES FOR ANTI-MARKOVNIKOV HYDROAMINATIONS OF STYRENE IN IONIC LIQUID**
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- XXII. **2-methyl-1,4-benzodioxan-substituted bis(NHC)PdX₂ complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction of some 2-alkyl-heterocyclic compounds**
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- XXIII. **Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization,**

- crystal structure, antidiabetic and anticholinergic properties**
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- XXV. **Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase**
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- XXVI. **Anti-Markovnikov hydroaminations of styrene catalyzed by palladium(II) N-heterocyclic carbene complexes under conventional and microwave heating**
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- XXVII. **2-Hydroxyethyl-Substituted Pd-PEPSSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzuki-Miyaura Reaction for Aryl Chlorides in Aqueous Media**
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- XXVIII. **Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors**
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- XXIX. **Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons**
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- XXXIV. **N-Propylphthalimide-substituted bis-(NHC)PdX₂ complexes: synthesis, characterization and catalytic activity in direct arylation reactions**
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- XXXV. **2-Morpholinoethyl-substituted N-heterocyclic carbene (NHC) precursors and their silver(I)NHC**

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- XXXVI. **Novel N-propylphthalimide- and 4-vinylbenzyl-substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes**

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- XXXVII. **Synthesis, characterization, crystal structure, and antimicrobial studies of 2-morpholinoethyl-substituted benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes**

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- XXXIX. **New compounds based on a benzimidazole nucleus: synthesis, characterization and cytotoxic activity against breast and colon cancer cell lines**

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- XL. **Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties**

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- XLI. **Carbon-carbon bond formation catalyzed by PEPPSI Pd-NHC**

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- XLII. **Synthesis of novel palladium(II) N-heterocyclic carbene complexes and their catalytic activities in the direct C5 arylation reactions**

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- XLIII. **INTERMOLECULAR HYDROAMINATION OF STYRENE CATALYZED BY PALLADIUM(II) N-HETEROCYCLIC CARBENE COMPLEXES IN IONIC LIQUID**

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- XLIV. **In vitro cytotoxic activities of new silver and PEPPSI palladium N-heterocyclic carbene complexes derived from benzimidazolium salts**

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- XLV. **N-Methylphthalimide-substituted benzimidazolium salts and PEPPSI Pd-NHC complexes: synthesis, characterization and catalytic activity in carbon-carbon bond-forming reactions**

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- XLVI. **In situ Generation of Efficient Palladium N-heterocyclic Carbene Catalysts Using Benzimidazolium Salts for the Suzuki-Miyaura Cross-coupling Reaction**

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- XLVII. **EFFECT OF SALICYLIC ACID AND SELENIUM ON ANTIOXIDANT SYSTEM OF AVENA SATIVA L. UNDER FENOXAPROP-P-ETHYL STRESS**

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- I. **Changes in tyrosine hydroxylase activity and adrenomedullin level by treatment of organoselenium compounds in rat hypothalamus exposed to 7, 12- dimethylbenzanthracene**
ÖZDEMİR İ., TALAS Z. S. , GÖK Y., ATEŞ B., Yılmaz İ.
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- XI. **Synthesis, Crystal Structures, Spectral FT-IR, NMR and UV-Vis Investigations and Theoretical Studies of N-phenyl-2-imino-5-methylthiophene and N-(4-chlorophenyl)-2-imino-5-methylthiophene**
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- XIII. **Synthesis, Characterization and Antimicrobial Studies of Naphthyl Substituted Imidazolidinium Salts and Their Silver(I)-N-Heterocyclic Carben Complexes**
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- XX. **4-Vinil Benzil ve N-Propil Fitalimid Sübstitüentli Ag(I)-N-Heterosiklik Karben Komplekslerinin Sentezi, Karakterizasyonu ve Antimikrobiyal Etkilerinin Araştırılması**
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