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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

Verdiği Dersler

Organik Kimya I, Lisans, 2020-2021

Organik Kimya II, Lisans, 2020-2021

Yönetilen Tezler

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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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- III. **Novel silver(I)N-heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties**
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- IV. **Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds**
Kazancı A., GÖK Y., Kaya R., AKTAŞ A., Taslimi P., GÜLÇİN İ.
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- V. **RUTHENIUM(II) COMPLEXES WITH CHELATING N-HETEROCYCLIC CARBENES AND A RUTHENATE(II) COMPLEX AS CATALYSTS FOR THE ANTI-MARKOVNIKOV HYDROAMINATIONS OF STYRENE**
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- VIII. **The (NHC)PdBr₂(2-aminopyridine) complexes: synthesis, characterization, molecular docking study, and inhibitor effects on the human serum carbonic anhydrase and serum bovine xanthine oxidase**

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- IX. **New Pd-PEPPSI 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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- XIII. **Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties**
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- XV. **New (NHC)Pd(II)(PPh₃) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizoroki-Heck cross-coupling reactions**
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- XVIII. **Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**
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- XIX. **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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- XX. **2-hydroxyethyl-substituted (NHC)PdI2(pyridine) (Pd-PEPPSI) Complexes: Synthesis, Characterization and the Catalytic Activity in the Sonogashira Cross-coupling Reaction**
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- AKTAŞ A., Noma S. A. A., CELEPCİ D. B., Erdemir F., GÖK Y., ATEŞ B.
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- XXIII. **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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- XXIV. **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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- XXV. **Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, antidiabetic and anticholinergic properties**
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- XXVII. **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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- XXVIII. **Anti-Markovnikov hydroaminations of styrene catalyzed by palladium(II) N-heterocyclic carbene complexes under conventional and microwave heating**
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- XXX. **Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors**
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- XXXI. **Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons**
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- XXXII. **Novel Benzylic Substituted Imidazolinium, Tetrahydropyrimidinium and Tetrahydroadiazepinium Salts: Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors**
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- XXXIII. **meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**

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- XXXVI. **N-Propylphthalimide-substituted bis-(NHC)PdX₂ complexes: synthesis, characterization and catalytic activity in direct arylation reactions**
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- XXXVII. **2-Morpholinoethyl-substituted N-heterocyclic carbene (NHC) precursors and their silver(I)NHC complexes: synthesis, crystal structure and in vitro anticancer properties**
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- XLI. **New compounds based on a benzimidazole nucleus: synthesis, characterization and cytotoxic activity against breast and colon cancer cell lines**
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- XLII. **Anticancer effect of some Silver(I)-N-Heterocyclic carbene complexes on different cancer cell lines**
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- XLIII. **Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties**
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- XLIV. **Carbon-carbon bond formation catalyzed by PEPPSI Pd-NHC**
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- XLV. **INTERMOLECULAR HYDROAMINATION OF STYRENE CATALYZED BY PALLADIUM(II) N-HETEROCYCLIC CARBENE COMPLEXES IN IONIC LIQUID**
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- the direct C5 arylation reactions**
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- XLVIII. 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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- LII. EFFECT OF SALICYLIC ACID AND SELENIUM ON ANTIOXIDANT SYSTEM OF AVENA SATIVA L. UNDER FENOXAPROP-P-ETHYL STRESS**
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