

Eğitim Bilgileri

I. ONDOKUZ MAYIS ÜNİVERSİTESİ · Doktora · Yurt İçi · 2011–2017 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (DR) · PİRİMİDİN VE SİKLOBÜTAN İÇEREN BAZI ORGANİK BİLEŞİKLERİN KRİSTAL, MOLEKÜLER VE SPEKTROSKOPİK ÖZELLİKLERİNİN DENEYSEL VE KUANTUM KİMYASAL HESAPLAMA METODLARI İLE İNCELENMESİ (2011–2017)

II. ONDOKUZ MAYIS ÜNİVERSİTESİ · Yüksek Lisans · Yurt İçi · 2008–2011 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (YL) (TEZLİ) · Bazı siklobütanlı bileşiklerin deneysel ve teorik yöntemlerle incelenmesi (2008–2011)

III. ONDOKUZ MAYIS ÜNİVERSİTESİ · Lisans · Yurt İçi · 2000–2007 · FEN-EDEBİYAT FAKÜLTESİ · FİZİK BÖLÜMÜ (2000–2007)

Araştırma Alanları

Fen Bilimleri ve Matematik Temel Alanı · Fizik · Spektroskopi ; Atom, Molekül ve Lazer Fiziği ; Malzeme Fiziği

Makaleler

I. X-ray structure, surface analyses, spectroscopic characterization, antimicrobial activity and DFT studies of the triphenylphosphoranylidene derivative (2020)

İNKAYA ERSİN, ERYILMAZ SERPİL, AKDEMİR NESUHİ, İDİL ÖNDER

II. Derivatives of pyridine and thiazole hybrid: Synthesis, DFT, biological evaluation via antimicrobial and DNA cleavage activity (2020)

ERYILMAZ SERPİL, ÇELİKOĞLU EMİNE, İDİL ÖNDER, İNKAYA ERSİN, KOZAK ZEHRA, MISIR ENDER, GÜL MELEK

III. The examination of molecular structure properties of 4,4'-oxydipthalonitrile compound: combined spectral and computational analysis approaches (2019)

ERYILMAZ SERPİL, AKDEMİR NESUHİ, İNKAYA ERSİN

IV. Investigation of global reactivity descriptors of some perillaldehyde derivatives in different solvents by DFT method (2019)

ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN

V. Synthesis, X-ray structure, FT-IR, NMR (13C/1H), UV–Vis spectroscopy, TG/DTA study and DFT calculations on 2-(benzo[d]thiazol-2-ylthio)-1-((1s, 3s)-3-mesityl-3-methylcyclobutyl) ethan-1-one (2018)

İNKAYA ERSİN

VI. The Computational Study on (E)-3-(2-Chlorostyryl)-5,5-Dimethylcyclohex-2-Enone (2017)

ERYILMAZ SERPİL, GÜL MELEK, Kozak Zehra, İNKAYA ERSİN

VII. Aldol türevi izoforan yapılarının sentezi, spektral karakterizasyonu, teorik analizi ve antioksidan aktiviteleri (2017)

ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN

VIII. The Investigation of the Structural Properties of 3-nitrophthalonitrile Using Spectroscopic and Quantum Chemical Computational Methods (2017)

ERYILMAZ SERPİL, AKDEMİR NESUHİ, İNKAYA ERSİN

IX. THE INVESTIGATION OF SPECTROSCOPIC AND THEORETICAL METHODS OF BISISOXAOLINE DERIVATIVE OF NORBORNADIEN (2016)

Mesci Kerem, ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN

X. Synthesis crystal structure analysis spectroscopic characterization quantum chemical calculations antioxidant and antimicrobial activity of 3 4 chlorophenyl 3a 4 7 7a tetrahydro 4 7 methanobenzo d isoxazole (2016)

ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN, İDİL ÖNDER, ÖZDEMİR NAMIK

XI. Isoxazole derivatives of alpha pinene isomers Synthesis crystal structure spectroscopic characterization FT IR NMR GC MS and DFT studies (2016)

ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN, TAŞ MURAT

XII. Synthesis spectroscopic FT IR NMR characterization X ray structure and DFT studies on E 2 1

phenylethylidene hydrazinecarboximidamide nitrate hemimethanol (2013)

ÖZDEMİR NAMIK, İNKAYA ERSİN, SARIPINAR EMİN, AKYÜZ LALEHAN, İLHAN İLHAN ÖZER, AYDIN SEMİHA, DİNÇER MUHARREM, BÜYÜKGÜNGÖR ORHAN

XIII. An experimental and theoretical study on concomitant polymorphism of a dithiocarbonimidates derivate in a single space group (2013)

İNKAYA ERSİN, DİNÇER MUHARREM, Şahan Emine, KORKUSUZ ELİF, YILDIRIM İSMAİL, BÜYÜKGÜNGÖR ORHAN

XIV. Synthesis spectroscopic characterization X ray structure and DFT studies on 2,6-bis(1-benzyl-1H-benzodimidazol-2-yl)pyridine (2013)

İNKAYA ERSİN, GÜNNAZ SALİH, ÖZDEMİR NAMIK, DAYAN OSMAN, DİNÇER MUHARREM, Çetinkaya Bekir

XV. 1,3-Methyl-3-mesityl-cyclobutyl-2,5-pyridin-4-yl-2H-1,2,4-triazol-3-ylsulfanyl-ethanone X ray structure spectroscopic characterization and DFT studies (2013)

İNKAYA ERSİN, DİNÇER MUHARREM, Öner Ekici, ÇUKUROVALI ALAADDİN

XVI. Synthesis spectroscopic and structural characterization of 5-benzoyl-4-phenyl-2-methylthio-1H-pyrimidine with theoretical calculations using density functional theory (2013)

İNKAYA ERSİN, DİNÇER MUHARREM, Emine Şahan, YILDIRIM İSMAİL

XVII. Structure of 5-benzoyl-4-phenyl-2-chloropyrimidine studied by X ray diffraction DFT calculations NMR and FT IR spectra (2012)

İNKAYA ERSİN, DİNÇER MUHARREM, Emine Şahan, YILDIRIM İSMAİL, BÜYÜKGÜNGÖR ORHAN

XVIII. Synthesis spectroscopic characterization and quantum chemical computational studies on 1-acetyl-3,5-di-4-methylphenyl-1H-pyrazole (2012)

İNKAYA ERSİN, DİNÇER MUHARREM, KORKUSUZ ELİF, YILDIRIM İSMAİL, BÜYÜKGÜNGÖR ORHAN

XIX. Molecular structure of 4-benzoyl-3-ethylcarboxylate-1,4-methoxyphenyl-5-phenyl-1H-pyrazole A combined experimental and theoretical study (2012)

İNKAYA ERSİN, DİNÇER MUHARREM, KORKUSUZ ELİF, YILDIRIM İSMAİL

XX. N-(2-methoxybenzylidene)-N-(4-(3-methyl-3-phenylcyclobutyl)thiazol-2-yl)-chloroacetic hydrazide X ray structure spectroscopic characterization and DFT studies (2012)

İNKAYA ERSİN, DİNÇER MUHARREM, Öner Ekici, ÇUKUROVALI ALAADDİN

XXI. 2-Chloro-N-(4-(3-methyl-3-phenylcyclobutyl)-1,3-thiazol-2-yl)-N-(naphthalen-1-yl)methylideneacetohydrazide (2011)

İNKAYA ERSİN, DİNÇER MUHARREM, ÇUKUROVALI ALAADDİN, YILMAZ ENGİN

XXII. 2-Chloro-N-(4-dimethylaminobenzylidene)-N-(4-(3-methyl-3-phenylcyclobutyl)-1,3-thiazol-2-yl)acetohydrazide (2011)

İNKAYA ERSİN, DİNÇER MUHARREM, ÇUKUROVALI ALAADDİN, YILMAZ ENGİN

Bildiriler

I. THEORETICAL INVESTIGATION OF 5-METHYLIZOXAZOL-4-CARBOXYLIC ACID BY THE DFT (2020)

İNKAYA ERSİN

II. Spectroscopic (FT-IR/NMR) and Quantum Chemical Study on 3,4-dicyanophenyl 4-methylbenzenesulfonate (2017)

İNKAYA YASEMİN, KAZAK CANAN, AKDEMİR NESUHİ, İNKAYA ERSİN

III. Experimental and Theoretical Investigation of the Molecular and Electronic Structure of 2,3-dicyanophenyl 4-methylbenzenesulfonate (2017)

İNKAYA YASEMİN, KAZAK CANAN, AKDEMİR NESUHİ, İNKAYA ERSİN

IV. 4-(3-mesityl-3-methylcyclobutyl)-3-(phenylamino)thiazol-2(3H)-thione: Experimental and DFT Studies (2017)

İNKAYA ERSİN, ÇUKUROVALI ALAADDİN, DİNÇER MUHARREM

V. Experimental and Theoretical Investigation of the Molecular and Electronic Structure of 2,3-dicyanophenyl 4-methylbenzenesulfonate (2017)

İNKAYA YASEMİN, KAZAK CANAN, AKDEMİR NESUHİ, İNKAYA ERSİN

VI. Spectroscopic (FT-IR / NMR) and quantum chemical study on 3,4-dicyanophenyl 4-methylbenzenesulfonate (2017)

İNKAYA YASEMİN, KAZAK CANAN, AKDEMİR NESUHİ, İNKAYA ERSİN

VII. Biyolojik Öneme Sahip Triazolidin Dihidropirol Bileşiklerinin Antimikrobiyal Aktivite ve Spektroskopik Özelliklerinin İncelenmesi (2017)

ERYILMAZ SERPİL, GÜL MELEK, İDİL ÖNDER, İNKAYA ERSİN

VIII. The Spectral and Theoretical Characterization of (Z)-2-((4-(prop-1-en-2-yl)cyclohex-1-en-1-yl)methylene)hydrazinecarboxamide (2017)

ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN

IX. The Investigation of Physical and Chemical Structure Properties of the (1E,2Z)-1-(4-nitrobenzylidene)-2-[4-(propan-2-yl)benzylidene]hydrazine with Spectroscopic Techniques and Quantum Chemical Computational Methods (2017)

X. The Investigation of Physical and Chemical Structural Properties of Some Perillaldehyde Derivatives with Quantum Chemical Computational Methods (2017)

MISIR ENDER, ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN

XI. The Global and Local Reactivity Descriptors of (E)-3-(4- florostyryl)-5,5-dimethylcyclohex-2-enone using Density Functional Theory (2017)

ERYILMAZ SERPİL, İNKAYA ERSİN

XII. Biyolojik Öneme Sahip Triazolidin Türevli Dihidropirol Bileşiklerinin Antimikrobiyal Aktivite ve Spektroskopik Özelliklerinin İncelenmesi (2017)

ERYILMAZ SERPİL, GÜL MELEK, İDİL ÖNDER, İNKAYA ERSİN

XIII. The investigation of the structural properties of 3 nitrophthalonitrile using spectroscopic and quantum chemical computational methods (2016)

İNKAYA ERSİN, ERYILMAZ SERPİL, AKDEMİR NESUHI

XIV. İzoksazol Türevli Norbornadien ve Norbornen Bileşiklerinin Sentezi Biyolojik Önemi ve Teorik Yöntemlerle İncelenmesi (2015)

ERYILMAZ SERPİL, GÜL MELEK, İNKAYA ERSİN, İDİL ÖNDER, ÖZDEMİR NAMIK

Projeler

I. 4-Metilbenzensulfonat ve ya Fenol Türevleri İçeren Ftalonitrillerin Sentezi, Karakterizasyonu, Fiziksel ve Kimyasal Özelliklerinin Deneysel ve Kuantum Mekaniksel Yöntemlerle İncelenmesi (2018)

ERSİN İNKAYA, NESUHI AKDEMİR

II. Peril Aldehit Türevlerinin Spektroskopik ve Kuramsal Yöntemler Kullanılarak İncelenmesi (2016)

Ender Mısır, ERSİN İNKAYA, MELEK GÜL, SERPİL ERYILMAZ

III. Uygulmalı Moleküler Biyoloji Yöntemleri Lİsansüstü Bahar Okulu (2015)

IV. Yeni Ftalonitril Bileşiklerinin Sentezi Fiziksel ve Kimyasal Özelliklerinin Deneysel ve Kuantum Mekaniksel Yöntemlerle İncelenmesi Bu Bileşikler Kullanılarak Ftalosiyanınların Sentezi ve Fotofizikokimyasal Özelliklerinin İncelenmesi (2015)

V. Yeni Ftalonitril Bileşiklerinin Sentezi Fiziksel ve Kimyasal Özelliklerinin Deneysel ve Kuantum Mekaniksel Yöntemlerle İncelenmesi Bu Bileşikler Kullanılarak Ftalosiyanınların sentezi ve Fotofizikokimyasal Özelliklerinin İncelenmesi (2015)

ERSİN İNKAYA, NESUHI AKDEMİR, SERPİL ERYILMAZ

VI. Bisiklik Sistemlerde 1 3 dipolar Nitriloksit Siklokatılma Tepkimelerinin Deneysel ve Teorik Yöntemlerle İncelenmesi (2014)

VII. Alfa Pinen Bileşiğinin Nitriloksit Türevleri ile 1 3 Dipolar SikloKatılma Reaksiyonlarının X Işını ve Hesaplamalı Yöntemlerle Belirlenmesi (2013)