

Prof. Dr.

MERYEM EVECEN

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Kurum: Mühendislik Fakültesi / Elektrik-Elektronik Mühendisliği Bölümü / Elektrik Makineleri Anabilim Dalı



Uluslararası Araştırmacı ID'leri

YÖKSİS Araştırmacı ID: 104819

Eğitim Bilgileri

- I. GAZİ ÜNİVERSİTESİ · Doktora · Yurt İçi · 2001–2010 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (DR) · Atomların ve moleküllerin NiAl yüzeylerine tutunmasının yoğunluk yonksiyoneli teorisi ile incelenmesi (2001–2010)
- II. GAZİ ÜNİVERSİTESİ · Yüksek Lisans · Yurt İçi · 1997–2000 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (YL) (TEZLİ) (1997–2000)
- III. ONDOKUZ MAYIS ÜNİVERSİTESİ · Lisans · Yurt İçi · 1991–1995 · EĞİTİM FAKÜLTESİ · MATEMATİK VE FEN BİLİMLERİ EĞİTİMİ BÖLÜMÜ (1991–1995)

Araştırma Alanları

Fen Bilimleri ve Matematik Temel Alanı · Fizik · Atom, Molekül ve Lazer Fiziği ; Yoğun Madde Fiziği

Yönetilen Tezler

- I. Pirinç ürününün derin öğrenme teknikleri kullanılarak sınıflandırılması (2025)
- II. Güneş enerji santralleri kurulumu bileşenleri ve üretim istatistikleri (2024)
- III. Güneş pillerinde kullanılan organik poli(3-hekziltiyofen)(P3HT) polimerlerinin elektronik ve optik özelliklerinin incelenmesi (2024)
- IV. Julolidin türevi yeni schiff baz bileşiğinin deneysel ve kuantum mekaniksel metotlarla incelenmesi (2023)
- V. Amasya ili koşullarında 1 MWP kurulu gücünde yüzer tip ve arazi tipi enerji santrallerinin karşılaştırmalı analizi ve optimizasyonu (2021)
- VI. Bazı organik schiff baz bileşiklerinin moleküler yapılarının deneysel ve kuramsal yöntemler ile incelenmesi (2019)
- VII. Bazı isoindolin bileşiklerin fiziksel ve kimyasal özelliklerinin deneysel ve kuramsal yöntemler ile incelenmesi (2017)

Makaleler

- I. Synthesis, DFT, in silico, antimicrobial and anticancer studies of triazole–hydrazone sulfonate derivatives targeting brain tumors via DNA damage, cytotoxicity and migration suppression (2026)
ÜNVER YASEMİN,EVECEN MERYEM,ÇELİK FATİH,Aydın Ali,GÜLER HALİL İBRAHİM,İNAN BEKTAŞ KADRIYE,Usta Tuğba,Öztürk Ömer Faruk
- II. CuAlFe ve CuAlFeNi alaşımlarının yapısal ve manyetik özelliklerinin incelenmesi (2026)
ALDIRMAZ EMİNE,EVECEN MERYEM
- III. A novel julolidine-based Schiff base: Crystal structure, DFT calculations, drug-likeness and molecular docking (2026)
EVECEN MERYEM,Bayrak Şafak,MERAL SEHER,ALAMAN AĞAR AYŞEN,VURAL HATİCE
- IV. Novel Sulfonate Derivatives Functionalized with Triazole–Hydrazone Moieties: Synthesis, Characterization, DFT, Targeting Brain Tumors via DNA Damage, Cytotoxicity, Migration Suppression, Antimicrobial Activity, and In Silico Study (2026)
ÜNVER YASEMİN,EVECEN MERYEM,ÇELİK FATİH,Aydın Ali,GÜLER HALİL İBRAHİM,İnan Bektaş Kadriye,Usta Tugba
- V. The thermodynamic, photovoltaic characteristic and electronic analysis on a group of benzimidazole derivatives: a quantum chemical study (2026)
EVECEN MERYEM,AI-Sawaff Zaid H,KANDEMİRLİ FATMA
- VI. Electronic, thermodynamic, and optical characterization of schiff base compound (C₁₁H₇N₂O₂S) (2025)
EVECEN MERYEM,ÇİFTÇİ YASEMİN
- VII. Synthesis and analysis (thermodynamic, electronic, NLO, FMO, NBO, MEP, IR, UV, NMR properties, Hirshfeld surface analysis and molecular docking) of the new Schiff base molecule: (Z)-4-bromo-2-((2,4-

dimethoxyphenyl)limino)methyl)-5-fluorophenol (2025)

EVECEEN MERYEM,ERSANLI CEM CÜNEYT,DOĞAN ONUR ERMAN,Bozkurt İlhan,AĞAR ERBİL

VIII. Improvement of the corrosion behaviour of mild steel by deposition of Zn–Ni–Cu–Fe–Cd from an acetate sulphate bath (2025)

EVECEEN MERYEM,ALFALAH MOTHANA GHAZI KADHIM,SARAÇOĞLU MURAT,KANDEMİRLİ FATMA

IX. 4-Bromobenzene Sulfonate Derivatives: Synthesis, Characterization, DFT and Molecular Docking Study (2025)

EVECEEN MERYEM,ÇELİK FATİH,ÜNVER YASEMİN,GÜLER HALİL İBRAHİM

X. 1-(3-Methylthiophene-2-yl)-<i>N</i>-((3,4,5-trimethoxyphenyl)methanimine: Synthesis, Spectroscopic Characterization, Antileishmanial Activity, and DFT and In Silico Studies (2024)

EVECEEN MERYEM,ÇELİK FATİH,GÜLER HALİL İBRAHİM,DİREKEL ŞAHİN,ÜNVER YASEMİN

XI. Preparation, spectroscopic, X-ray crystallographic, DFT, antimicrobial and ADMET studies of N-[(4-fluorophenyl)sulfanyl]phthalimide (2023)

ÇAKMAK ŞÜKRİYE, AYCAN TUĞBA, YAKAN HASAN, VEYİSOĞLU AYSEL, TANAK HASAN, EVECEEN MERYEM

XII. Experimental and theoretical investigations, enzyme inhibition activity and docking study of 5-methyl-4-(2-(piperazin-1-yl)ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one (2023)

EVECEEN MERYEM, ÇELİK FATİH, BEKTAŞ ERSAN, GÜLER HALİL İBRAHİM, ÜNVER YASEMİN

XIII. A comparative theoretical study of three isomeric benzotriazolylpropanamides (2022)

EVECEEN MERYEM

XIV. The mechanical, dynamical, thermodynamical properties and elastic anisotropies of cubic YbAu compound under pressure (2022)

KARS DURUKAN İLKNUR, EVECEEN MERYEM, ÇİFTÇİ YASEMİN

XV. Pressure effects on structural, electronic and anisotropic elastic properties of Si doped RuGe compound with different concentrations by first-principles calculations (2022)

ÇİFTÇİ YASEMİN, ÇOBAN CANSU, EVECEEN MERYEM, KARS DURUKAN İLKNUR

XVI. COMPARISON OF PBE AND SCAN FUNCTIONALS ON WATER-SILICA SURFACE INTERACTION (2021)

EVECEEN MERYEM, ÖZÇELİK VELİ ONGUN

XVII. Molecular structure, spectroscopic and DFT studies of 2-(4 ethoxyphenyl) isoindoline-1,3-dione (2021)

EVECEEN MERYEM, TANAK HASAN, Duru Gülcan, MERAL SEHER, ALAMAN AĞAR AYŞEN

XVIII. Comparative structural, spectroscopic and nonlinear optical analysis of a Schiff base compound with experimental and theoretical methods (HF, B3LYP and WB97X-D) (2021)

EVECEEN MERYEM, TANAK HASAN, ALAMAN AĞAR AYŞEN, MERAL SEHER, ÖZDEMİR NAMIK

XIX. Theoretical investigation of the electronic structure, elastic, dynamic properties of intermetallic compound NiBe under pressure (2021)

EVECEEN MERYEM, O Çiftci Yasemin

XX. Pressure effects on electronic, elastic, and vibration properties of metallic antiperovskite PbNCa₃ by ab initio calculations (2021)

O Çiftci Yasemin, EVECEEN MERYEM, O Alp İrem

XXI. Solvent effects on the contrast agent iomeprol with density functional theory (2020)

KANDEMİRLİ SEDAT GİRAY, GENÇ FATMA, KANDEMİRLİ FATMA, EVECEEN MERYEM

XXII. Molecular and Electronic Analysis of (7-Chloro-2-oxo-2H-chromen-4-yl)-methyl diethylcarbamoate by DFT and HF Calculations (2019)

EVECEEN MERYEM,TANAK HASAN

XXIII. Structural, spectroscopic and electronic properties of 4-bromo-5-fluoro-2-((3-nitrophenylimino)methyl)phenol Schiff-base molecule: Experimental and theoretical investigations (2019)

Bozkurt İlhan, EVECEEN MERYEM, AĞAR ERBİL

XXIV. Structural, Conformational and Spectroscopic Properties of C₁₆H₁₆BrNO₃ Schiff-Base Molecule: A Theoretical Investigation (2018)

EVECEEN MERYEM

XXV. Crystal and Molecular Structure of 2-(4-Ethoxyphenyl)isoindoline-1,3-dione (2018)

duru gülcan,EVECEEN MERYEM,TANAK HASAN,AĞAR ERBİL

XXVI. First principle study of structural, electronic, mechanical, dynamic and optical properties of half-Heusler compound LiScSi under pressure (2018)

O Çiftci Yasemin,EVECEEN MERYEM

XXVII. Analysis on molecular, spectroscopic and electronic behavior of 4,4'-xx-(butane-1,4-diyl)bis(1-((1-(4-chlorobenzyl)-1H-1,2,3-triazol-5-yl)methyl)-3-methyl-1H-1,2,4-triazol-5(4H)-one): A theoretical approach (2018)

EVECEEN MERYEM,TANAK HASAN,ÜNVER YASEMİN,ÇELİK FATİH,SEMİZ LEVENT

XXVIII. Investigation of antimicrobial activities, DNA interaction, structural and spectroscopic properties of 2-chloro-6-(trifluoromethyl)pyridine (2017)

EVECEEN MERYEM,KARA MEHMET,İdil Onder,TANAK HASAN

XXIX. DFT quantum chemical studies of E 4 Bromo N 2 chlorobenzylidene aniline (2017)

XXX. Theoretical investigations on the structural, spectroscopic, electronic and thermodynamic properties of (3-Oxo-3H-benzo[f]chromen-1yl) methyl N,N-dimethylcarbamodithioate-1ex (2017)

KARA MEHMET,EVECEN MERYEM,ÖZDOĞAN TELHAT

XXXI. Molecular structure, spectroscopic, and density functional theory studies of o-Dianisidine (2017)

EVECEN MERYEM,TANAK HASAN,DEGE NECMİ,KARA MEHMET,Dogan Onur Erman,AĞAR ERBİL

XXXII. The structural elastic electronic and dynamical properties of chalcopyrite semiconductor BeGeAs₂ from first principles calculations (2017)

Ö Çiftci Yasemin,EVECEN MERYEM,Aldirmaz Emine

XXXIII. First Principles Study on the Structural Elastic Electronic and Vibrational Properties of Scandium Based Intermetallic Compounds ScX X Co Rh and Ir Under Pressure (2017)

EVECEN MERYEM,Öztekin Ciftci Yasemin

XXXIV. Quantum chemical studies on the molecular structure, spectroscopic and electronic properties of (6-Methoxy-2-oxo-2H-chromen-4-yl)-methyl pyrrolidine-1-carbodithioate (2016)

EVECEN MERYEM,TANAK HASAN

XXXV. The Structural Elastic Electronic Thermodynamic and Vibrational Properties of Protactinium Monocarbide PaC from First Principles Calculations (2016)

ÇİFTÇİ YASEMİN,ÇOBAN CANSU,AYDIN SEZGİN,TATAR AYNUR,EVECEN MERYEM

XXXVI. Vibrational spectroscopic studies HOMO LUMO conformational atomic charge and MEP analyses of ethyl 2 3 benzoylthioureido acetate based on DFT calculations (2016)

EVECEN MERYEM

XXXVII. Synthesis crystal structure spectral analysis and DFT computational studies on a novel isoindoline derivative (2016)

EVECEN MERYEM,Duru Gülcan,TANAK HASAN,ALAMAN AĞAR AYŞEN

XXXVIII. Experimental XRD IR and NMR and theoretical investigations on 1 2 nitrobenzoyl 3 5 bis 4 methoxyphenyl 4 5 dihydro 1H pyrazole (2016)

EVECEN MERYEM,TANAK HASAN,TINMAZ FEYZA,DEGE NECMİ,İLHAN İLHAN ÖZER

XXXIX. Single Gaussian distribution of barrier height in Al PS ZnPc p Si type Schottky barrier diode in temperature range of 120 320 K (2014)

Asım Sarıyıldız,VURAL ÖZKAN,EVECEN MERYEM,ALTINDAL ŞEMSETTİN

XL. First principles studies of hydrogen sulfide adsorption and dissociation on NiAl 110 2x2 (2013)

EVECEN MERYEM,ÇAKMAK MEHMET

XLI. First principle studies of dissociative adsorption of H₂O on NiAl 110 2 2 surface (2010)

EVECEN MERYEM,ÇAKMAK MEHMET

XLII. Adsorption of S O and H on the NiAl 110 2x2 surface (2010)

EVECEN MERYEM, ÇAKMAK MEHMET

XLIII. Dissociative Chemisorption of an H₂ v j Molecule on Rigit Ni 100 Surface Dependence on Surface Topologies and Initial Rovibrational States of the Molecules (2005)

Evecen M, Büyükata M, Civi M, Güvenç Z B

Bildiriler

I. Effects of Ni and Mn elements added to Cu-Zn-Al alloy on grain structure (2025)

ALDIRMAZ EMİNE,EVECEN MERYEM

II. Investigation of structural properties of the Cu-Al alloy with the addition of Mn and Fe elements (2025)

ALDIRMAZ EMİNE,EVECEN MERYEM

III. Studying electronic and NLO properties of octahedron Cu-Zn cluster using density functional theory (2025)

EVECEN MERYEM,ALDIRMAZ EMİNE

IV. Nonlinear optical properties of thiophene derivatives studied using DFT technique (2025)

EVECEN MERYEM,ALDIRMAZ EMİNE

V. PROPOSING A NEW MODEL IN IDENTIFICATION OF RICE SPECIES (2025)

EVECEN MERYEM,ESEN ÖMER

VI. SOME CHEMICAL COMPUTATION STUDIES ON CHALCONE DERIVATIVE C₁₃H₉XOS (X:OH, Br) COMPOUND (2025)

EVECEN MERYEM

VII. EFFECTS OF NICKEL AND ZINC ON PHASES FORMING IN COPPER-BASED ALLOYS (2024)

ALDIRMAZ EMİNE,EVECEN MERYEM

VIII. DIFFERENTIAL SCANNING CALORIMETRY AND SCANNING ELECTRON MICROSCOPE STUDIES IN CU-ZN-AL AND CU-ZN-NI ALLOYS (2024)

ALDIRMAZ EMİNE,EVECEN MERYEM

IX. NONLINEAR OPTIC (NLO) ANALYSIS OF [XCl₂(C₁₁H₁₀N₂)](X=Zn, Cu and Ni) COMPOUNDS (2024)

EVECEN MERYEM,ALDIRMAZ EMİNE

X. ELECTRONIC PROPERTIES (MEP, FMO, NBO AND MULLIKEN CHARGES) OF SCHIFF BASE ZINC AND NICKEL COMPLEXES (2024)

EVECEN MERYEM,ALDIRMAZ EMİNE

XI. Installation And Operation Of Solar Power Plants (2024)

Yalav Eşref,EVECEN MERYEM

XII. Classification of Rice Product Using Deep Learning Techniques (2024)

ESEN ÖMER,EVECEN MERYEM

XIII. Structural and Electronic Properties Of Half-Heusler Compound ScPdBi: First-Principles Study (2024)

EVECEN MERYEM,ÇİFTÇİ YASEMİN

XIV. MODELLING EXAMPLE OF PERMANENT MAGNET SYNCHRONOUS GENERATOR IN WIND TURBINES WITH TAGUCHI METHOD (2024)

Tokul Abdullah,EVECEN MERYEM

XV. QUANTUM MECHANICAL INVESTIGATION OF THE STRUCTURAL AND VIBRATIONAL PROPERTIES OF A QUINOLIN-DERIVED A SCHIFF-BASED MOLECULE (2023)

Bayrak Şafak, EVECEN MERYEM

XVI. EFFECTS OF MONO-FLOR(CHLORINE)-SUBSTITUTION ON THE STRUCTURAL AND NONLINEAR OPTICAL PROPERTIES OF POLY(3-HEXYLTHIOPHENE-2,5-DIYL) FOR SOLAR CELL APPLICATIONS (2023)

Erol Zehra, EVECEN MERYEM

XVII. SOME ELECTRONIC PROPERTIES OF HALF-HEUSLER COMPOUND ScPdP : FIRST-PRINCIPLES STUDY (2023)

ÇİFTÇİ YASEMİN, EVECEN MERYEM

XVIII. THEORETICAL INVESTIGATION OF ELASTIC PROPERTIES OF HALF-HEUSLER ScPdAs COMPOUND (2023)

EVECEN MERYEM, ÇİFTÇİ YASEMİN

XIX. Deformation behavior of CuAlMnZn alloy (2023)

ALDIRMAZ EMİNE, EVECEN MERYEM

XX. STRUCTURAL AND NMR PROPERTIES OF THE (Tetramethylethylenediamine)COPPERBIS(Acetylacetonate) COMPOUND WITH THEORETICAL METHOD (2023)

ALDIRMAZ EMİNE, EVECEN MERYEM

XXI. A spectroscopic analysis of the [(tmeda)Zn(acac)₂] compound using theoretical method (2023)

EVECEN MERYEM, ALDIRMAZ EMİNE

XXII. Electronic and spectroscopic properties of the (tetramethylethylenediamine)ironbis(acetylacetonate) compound with dft method (2023)

EVECEN MERYEM, ALDIRMAZ EMİNE

XXIII. STRUCTURAL EVOLUTION AND ELECTRONIC PROPERTIES OF ICOSAHEDRON Cu-Zn ALLOY CLUSTER WITH DOPED Al (2022)

ALDIRMAZ EMİNE, EVECEN MERYEM, ÖZDOĞAN TELHAT

XXIV. INVESTIGATION OF THE SPECTROSCOPIC AND ELECTRONIC STRUCTURES OF 3-CYANOPENYL ISOTHIOCYANATE COMPOUND BY EXPERIMENTAL AND THEORETICAL METHODS (2022)

EVECEN MERYEM, TANAK HASAN, ÖZDOĞAN TELHAT

XXV. Structural and Spectroscopic Properties of New Schiff Base (Z)-N'-((5-nitrothiophen-2-yl)methylene)benzohydrazide Compound by Theoretical Methods (2022)

XXVI. Spectroscopic Properties Of The Schiff Base Ni Metal Complex Compound With Theoretical Methods (2022)
EVECEN MERYEM

XXVII. Effect Of The Doped Centre On The Electronic Properties Of Icosahedron Cu₆Zn₆Al, Cu₆Al₆Zn And Zn₆Al₆Cu Cluster (2022)
ALDIRMAZ EMİNE, EVECEN MERYEM

XXVIII. Electronic band structure, thermodynamic properties and optical characterization of a Schiff base compound [N-((2-iodophenyl)-1-(5-nitrothiophen-2-yl)methanimine)] (2021)
EVECEN MERYEM, ÇİFTÇİ YASEMİN

XXIX. Renewable Energy Applications on Yedikır Dam (2021)
TOKUL ABDULLAH, EVECEN MERYEM

XXX. Molecular Dynamics Study on structural and mechanical properties of a photochromic chiral Schiff base compound C₂₁H₁₈BrN₃O at different temperatures (2020)
O Çiftci Yasemin, EVECEN MERYEM

XXXI. Study of Pressure Effects On Structural And Mechanical Properties of a Schiff Base Compound, C₁₁H₁₅N₃S₂ Using Molecular Dynamics Simulation (2020)
EVECEN MERYEM, O Çiftci Yasemin

XXXII. NONLINEAR OPTICAL PROPERTIES OF (E)-4-BROMO-2-((2,4-DIMETHOXY PHENYLIMINO)METHYL)-5-FLUOROPHENOL SCHIFF-BASE MOLECULE IN DIFFERENT SOLVENT: THEORETICAL INVESTIGATION (2019)
EVECEN MERYEM, TANAK HASAN

XXXIII. FIRST-PRINCIPLES STUDY OF STRUCTURAL AND ELASTIC PROPERTIES OF METALLIC ANTIPEROVSKITE SnNCo₃ COMPOUND UNDER PRESSURE (2019)
EVECEN MERYEM, O Çiftci Yasemin

XXXIV. THEORETICAL STUDY OF THE STRUCTURAL AND ELECTRONIC PROPERTIES OF MoO₃ (2019)
EVECEN MERYEM, O Çiftci Yasemin

XXXV. STRUCTURAL, ELASTIC AND VIBRATIONAL PROPERTIES OF AlN₃Ca₃ COMPOUND: AN AB-INITIO STUDY (2019)
EVECEN MERYEM, O Çiftci Yasemin

XXXVI. THEORETICAL BAND STRUCTURE AND ELASTIC PROPERTIES OF TERNARY NITRIDE GaN₃Ca₃ (2019)
EVECEN MERYEM, ÇİFTÇİ YASEMİN

XXXVII. THE NATURE OF RESONANCE AND HYPERCONJUGATION FOR 4-(4-NITROPHENYL)-3-THIOSEMICARBAZIDERBAZIDE (2019)
EVECEN MERYEM, KADHİM M. G., KANDEMİRLİ FATMA

XXXVIII. Heat Change Study and of Proquazone and Proquazone Type Calcilytics as Tow Novel Benzimidazole Derivatives (2019)
AL-SAWAFF Zaid H., EVECEN MERYEM, ÇAKIR KANDEMİRLİ GUZİN, KANDEMİRLİ FATMA

XXXIX. Spectroscopic (FTIR and NMR) and computational studies of N-[(E)-(1,3-benzodioxol-5-yl)methylidene]-4-chloroaniline (2019)
EVECEN MERYEM, TANAK HASAN

XL. Quantum chemical investigations on 4-Fluoro-N-[(E)-3,4,5-trimethoxybenzylidene]aniline (2019)
EVECEN MERYEM, TANAK HASAN

XLI. Spectroscopic and DFT Studies on 2-[(2-chlorophenyl)-imino]methyl}phenol (2019)
TANAK HASAN, EVECEN MERYEM

XLII. Spectroscopic study of N-(4-Methoxyphenylthio)phthalimide using theoretical method (2018)
EVECEN MERYEM, TANAK HASAN

XLIII. Molecular and Electronic Properties of tris(3-hydroxypropyltriazolyl methyl)amine molecule by DFT method. (2018)
EVECEN MERYEM, TANAK HASAN

XLIV. DFT Studies and Spectroscopic Investigation of 5-Bromo-N-[2-(methylthio)phenyl]salicylaldehyde (2018)
TANAK HASAN, EVECEN MERYEM

XLV. Quantum Chemical Studies on (Z)-4-bromo-3-fluoro-6-((2-hydroxy-5-methylphenylamino)methylene)cyclohexa-2,4-dienone (2018)
TANAK HASAN, EVECEN MERYEM

XLVI. Molecular Structure, Vibrational Spectra and Electronic Properties of 4,4'-dinitrodiphenyl Disulfide Using Quantum Chemistry Calculations (2018)
EVECEN MERYEM, TANAK HASAN

XLVII. Theoretical Studies of N-(4-Chlorophenylthio)phthalimide Molecule (2018)
EVECEN MERYEM, TANAK HASAN

- XLVIII.** Spectral and Electronic Analysis of 3,5-dichloro-N-[2-(methylthio)phenyl]salicylaldehyde Using Theoretical Method (2018)
EVECEN MERYEM,TANAK HASAN
- XLIX.** Optimized Parameters and Thermodynamic Properties of 4-Bromo -5-Fluoro-2-((3-Nitrophenylimino)Methyl)Phenol Schiff-Base Molecule:Density Functional Theory Studies (2018)
EVECEN MERYEM,Bozkurt İlhan,KANDEMİRLİ FATMA
- L.** The Nature of Resonance and Hyperconjugation for 5-Methoxy Isatin and Its Anionic, Cationic, Protonated and Deprotonated Form (2018)
KANDEMİRLİ FATMA,Sayiner Hakan Sezgin,EVECEN MERYEM
- LI.** Crystal Structure, molecular, electronic and spectral analysis of (E)-2-iodo-N-((5-nitrothiophen-2-yl)methylene)aniline using experimental and theoretical approaches (2018)
EVECEN MERYEM, TANAK HASAN, ALAMAN AĞAR AYŞEN, ÖZDEMİR NAMIK
- LII.** Molecular, spectral and electronic analysis of three isomeric benzotriazolylpropanamides using theoretical approaches (2018)
EVECEN MERYEM
- LIII.** The Structure, Electronic, Elastic and Vibrational Properties of SnNCa₃ under pressure from First-Principles (2017)
Ö Çiftci Yasemin,EVECEN MERYEM
- LIV.** Molecular, spectral and electronic analysis of Cr(C₂₀H₂₄N₂)(CO)₄ using theoretical approaches (2017)
EVECEN MERYEM,TANAK HASAN
- LV.** Quantum Chemical Studies of bis[(1Z,2E)-N-(2,6-diethylphenyl)-N'-xx-hydroxy-2-(hydroxyimino)acetimidamido]nickel (II) (2017)
TANAK HASAN,ORBAY METİN,ALDIRMAZ EMİNE,EVECEN MERYEM
- LVI.** Analysis on molecular, spectroscopic and electronic behavior of C₃₀N₁₂O₂H₃₂Cl₂ molecule: A theoretical approach (2017)
SEMİZ LEVENT,EVECEN MERYEM,ÜNVER YASEMİN,TANAK HASAN
- LVII.** Electronic and conformational properties of C₁₄H₁₆N₂O₂ molecules: A first principles study (2017)
EVECEN MERYEM,KARA MEHMET,TANAK HASAN
- LVIII.** Molecular Structure of 4-Amino-3-(thiophen-2-ylmethyl)-1H-1,2,4-triazole-5(4H)one Monohydrate (2017)
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- LIX.** Pressure effects on electronic, elastic and vibration properties of metallic anti-perovskite PbNCa₃ by ab initio calculations (2017)
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- LX.** GeNCa₃ Structure, electronic, elastic and vibration properties from first-principles (2017)
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- LXI.** First-principles Studies of RuAl compound of B₂ structure (2017)
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- LXII.** Analysis on molecular structure and vibrational spectra of 5-butylamino-3-methyl-1-(pyridin-2-yl)-1H-pyrazole-4-carbaldehyde using theoretical approach (2017)
EVECEN MERYEM,Koca Melek,TANAK HASAN
- LXIII.** First-Principles Study On YbAu Compound Under Pressure (2017)
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- LXIV.** Investigation of Electronic Properties 2-Chloro-6-(trifluoromethyl)pyridine molecules by using quantum mechanic methods (2017)
EVECEN MERYEM,KARA MEHMET,TANAK HASAN
- LXV.** Study of structural, elastic, electronic, bonding behaviour and vibrational properties in TbAu compound by first-principles (2017)
EVECEN MERYEM,Ö Çiftci Yasemin
- LXVI.** Structural HOMO LUMO and MEP analysis of Schiff base copper II complex Cu C₈H₇O₂N₂ OH₂ by DFT method (2016)
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- LXVII.** Analysis on molecular structure and vibrational spectra of E 4 Bromo N 2 3 4 trimethoxybenzylidene aniline using theoretical approaches (2016)
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- LXVIII.** Structural Electronic and Thermodynamic Properties of Al_mZn₂X_n X Pb Ti m n 3 ternary alloy using DFT Calculations (2016)
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- LXIX.** Structural mechanical electronic dynamic and optical properties of semiconductor half Heusler compound LiScSi under pressure from first principle study (2016)
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- LXX.** Theoretical investigation of the electronic structure elastic dynamic properties of intermetallic compound NiBe under pressure (2016)
EVECEN MERYEM,Ö Çiftçi Yasemin,ALDIRMAZ EMİNE
- LXXI.** Influences of Sn and Ni on microstructuresin Cu Zn based alloys (2016)
ALDIRMAZ EMİNE,EVECEN MERYEM,ÇELİK HARUN
- LXXII.** Electrical Properties of Cu 26 04 Zn 4 01 Al Alloy (2016)
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- LXXIII.** Density functional modeling studies of E 4 Bromo N 2 chlorobenzylidene aniline (2016)
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- LXXX.** Experimental XRD FT IR and NMR and theoretical investigations on 1 2 nitrobenzoyl 3 5 bis 4 methoxyphenyl 4 5 dihydro 1H pyrazole (2015)
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- LXXXII.** Structural vibrational and electronical analysis of 2 3 chloro 4 4 chlorophenoxy phenyl isoindoline 1 3 dione by experimental and theoretical approach (2015)
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- LXXXIII.** DFT Computational and Spectroscopic Investigations on E N 3 fluorophenyl 1 5 nitrothiophen 2 yl Methanimine (2015)
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- LXXXVI.** The first principles study on the TbP compound (2015)
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- LXXXVII.** Investigation of Structural Energetic and Vibrational Propertiesof 2 Deoxy 2 methyl nitroso amino carbonyl amino DGlucopyranose (2015)
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- LXXXIX.** Molecular Structure Vibrational and Chemical Shift Assignments of 6 Methoxy 2 oxo 2H Chromen 4 YL Methyl Pyrrolidine 1 Carbodithioate by DFT and HF Calculations (2014)
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- XC.** Molecular Analysis of 7 Chloro 2 oxo 2H Chromen 4 YL Methyl Diethylcarbamodithioate by DFT and HF Calculations (2014)
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- XCI.** Molecular Investigate of 3 oxo 3H Benzo f Chromen 1 YL Methyl N N Diethylcarbamodithioate by DFT and HF Calculations (2014)
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XCIII. Gümüş İçerikli Bazı Alaşım Topaklarının İncelenmesi AgnCum AgnAum AgnNim AgnPdm ve AgnPtm n m 6 (2014)

EVECEEN MERYEM,BÖYÜKATA MUSTAFA,GÜVENÇ ZİYA

XCIV. Structural and Energetic Analysis of Ethyl 2 3 Benzoylthioureido Acetate A DFT Study (2013)

EVECEEN MERYEM,BÖYÜKATA MUSTAFA

XCv. Investigation of Structures Stabilities and Electronic Properties for ternary CoxPtyBz x y z 4 clusters (2013)

EVECEEN MERYEM,BÖYÜKATA MUSTAFA,GÜVENÇ ZİYA

XCvI. Investigation of the Atomic and Electronic Structure of the H OH CO and H2O Adsorptions on Pt 111 Surface by Theoretical (2013)

EVECEEN MERYEM,ÇAKMAK MEHMET

XCvII. A systematical analysis of ternary CoxPtyBz x y z 3 clusters (2013)

EVECEEN MERYEM,BÖYÜKATA MUSTAFA,GÜVENÇ ZİYA

XCvIII. AgAu Topağının Stokiyometrik TiO2 110 Yüzeyine Tutunmasının Yoğunluk Fonksiyoneli Teorisiyle İncelenmesi (2012)

EVECEEN MERYEM,ÇAKMAK MEHMET

XCIX. Karbonmonoksit Molekülünün NiAl 110 Yüzeyine Tutunması ve Elektronik Yük Yoğunluğu Durumu (2011)

EVECEEN MERYEM

C. Küçük Ni Topaklarının Yapısı ve Bağlanma Enerjisi (2010)

EVECEEN MERYEM,ÇAKMAK MEHMET

CI. First principle studies of H2O adsorption energies on NiAl 110 2 2 (2009)

EVECEEN MERYEM,ÇAKMAK MEHMET

CII. Study of H2S Adsorption Energies on NiAl 110 2x2 (2009)

EVECEEN MERYEM,ÇAKMAK MEHMET

CIII. NiAl 110 2x2 Yüzeyine HS ve HO Tutunması (2009)

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CIV. Local reactivity of small nickel clusters on NiAl 110 2x2 (2008)

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CV. Adsorption of H on NiAl 110 2x2 (2007)

EVECEEN MERYEM,ÇAKMAK MEHMET

CVI. NiAl 110 2 2 Yüzeyinde Ni4 ve Ni6 Topaklarının Atomik Yapısı (2007)

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CVII. Molekül Yüzey Etkileşmesi H2 Ni 100 Sisteminde Reaktif Kanalin Moleküler Dinamik İncelenmesi (2000)

EVECEEN MERYEM,BÖYÜKATA MUSTAFA,ÇİVİ MEHMET,GÜVENÇ B ZİYA,jellinek julius

Kitaplar

I. Bilim ve Teknolojideki Son Gelişmeler (2025)

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II. Bilim ve Teknolojideki Son Gelişmeler (2025)

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III. Fen, Mühendislik ve Matematikte Güncel Yaklaşımlar (2024)

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IV. Fen, Mühendislik ve Matematikte Güncel Yaklaşımlar (2024)

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V. Fen ve Teknoloji Ders ve Öğrenci Çalışma Kitabı 2 (2012)

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VI. Fen ve Teknoloji 5 Ders ve Öğrenci Çalışma Kitabı 1 (2012)

BAĞCI NECATİ,BAHADIR ÖZNUR,EMİK CENGİZ,EVECEEN MERYEM,GÜNEŞ KOÇ RABİA SULTAN

VII. FEN VE TEKNOLOJİ 5 ÖĞRETMEN KLAVUZ KİTABI (2010)

BAĞCI NECATİ,BAHADIR ÖZNUR,EMİK CENGİZ,EVECEEN MERYEM,S GÜNEŞ KOÇ RABİA

Projeler

I. Hol transfer yapılarından olan MoO3 bileşiğinin temel fiziksel özelliklerinin deneysel ve teorik yöntemler ile incelenmesi (2017)

EMİNE ALDIRMAZ, YASEMİN ÇİFTÇİ, HASAN TANAK, MERYEM EVECEEN

II. Bazı o-Hidroksi Schiff baz bileşiklerinin yapılarının ve elektronik özelliklerinin deneysel ve kuramsal yöntemlerle incelenmesi (2017)

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III. Şekil Hatırlamalı Alaşımların Yapısal Kristolografik Termodinamik ve Magnetik Özellikleri (2016)

IV. Bazı Schiff baz ve metal komplekslerinin X ışınları kırınımı titreşim spektroskopisi ve kuantum mekaniksel yöntemlerle yapılarının incelenmesi (2016)

V. Şekil Hatırlamalı Alaşımların Yapısal Kristolografik Termodinamik ve Magnetik Özellikleri (2016)

HASAN TANAK, MERYEM EVECEN, EMRE GÜLER, MELEK GÜLER, EMİNE ALDIRMAZ

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VII. Bazı Schiff baz ve metal komplekslerinin Xışınlarıkırınımı, titreşim spektroskopisi ve kuantum mekaniksel yöntemlerle yapılarınınincelenmesi (2016)

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VIII. Şekil Hatırlamalı Alaşımların Yapısal,Kristolografik, Termodinamik ve Magnetik Özellikleri (2016)

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IX. Metalik Anti-Perovskites AXD3 (A=Ge, Sn, Pb,Al, Zn, Ga X=N, C D=Ca, Fe, Co) bileşiklerin temel fiziksel özelliklerinin deneysel ve teorikyöntemler ile incelenmesi (2016)

HASAN TANAK, EMİNE ALDIRMAZ, MERYEM EVECEN

X. Bazı Anilin Türevi Schiff Baz Bileşiklerinin Fiziksel Ve Kimyasal Özelliklerinin Deneysel Ve Kuramsal Yar Deneysel Hartree Fock ve Yoğunluk Fonksiyonu Teorisi Yöntemleri İle İncelenmesi (2015)

XI. Kükürt içeren bazı Schiff baz bileşiklerinin sentezi yapısal ve elektronik özelliklerinin deneysel ve teorik yöntemlerle incelenmesi (2015)

XII. Pt 111 Yüzeyine Atom Molekül ve Topak Tutunmasının Atomik ve Elektronik Olarak Teorik İncelenmesi (2013)

XIII. FARKLI KALINLIKTAKİ VE FARKLI KATKILARDA NANOFİBER POLİMER ARAYÜZEY FİLMİLERİ İLE SCHOTTKY YAPILARIN ÜRETİLMESİ VE ELEKTRİKSEL KARAKTERİSTİĞİNİN DEĞİŞİK PARAMETRELERE BAĞLI OLARAK ARAŞTIRILMASI (2013)

Başarılar & Ödüller

I. En iyi poster (2016)