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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-7060-2018

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Education Information

Doctorate, Kocaeli University, Fen-Edebiyat Fakóltesi, Fizik Bölümü, Turkey 2008 - 2014

Postgraduate, Trakya University, Fen Fakóltesi, Fizik Bölümü, Turkey 2002 - 2005

Undergraduate, Trakya University, Fen Fakóltesi, Fizik Bölümü, Turkey 1998 - 2002

Dissertations

Doctorate, Sudan moleküllerinin ve metal komplekslerinin deneysel ve teorik olarak yapılarının incelenmesi, Kocaeli Üniversitesi, Fen-Edebiyat Fakóltesi, Fizik Bölümü, 2013

Postgraduate, Kuantum kuyularında varyasyonel ve airy çözümleri, Trakya Üniversitesi, Fen Fakóltesi, Fizik Bölümü, 2005

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2019 - Continues

Associate Professor, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2018 - Continues

Expert, Kocaeli University, Eğitim Fakóltesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2006 - 2014

Research Assistant, Trakya University, Fen Fakóltesi, Fizik Bölümü, 2002 - 2006

Academic and Administrative Experience

Vice Dean, Kocaeli University, Eğitim Fakóltesi, 2022 - Continues

Head of Department, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2021 - Continues

Head of Department, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2021 - Continues

Head of Department, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2021 - Continues

Courses

Öğretmenlik Uygulaması II (B), Undergraduate, 2020 - 2021, 2019 - 2020

Moleküler Yapılar, Doctorate, 2020 - 2021

İlkokulda Temel Fen Bilimleri, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Fen ve Teknoloji Öğretimi II, Undergraduate, 2020 - 2021, 2019 - 2020
Topluma Hizmet Uygulamaları, Undergraduate, 2020 - 2021, 2019 - 2020
Öğretmenlik Uygulaması II (A), Undergraduate, 2020 - 2021, 2019 - 2020
Elektronik Devre Elemanları, Undergraduate, 2020 - 2021, 2019 - 2020
Öğretmenlik Uygulaması I (E), Undergraduate, 2020 - 2021, 2019 - 2020
Fen Bilimleri Laboratuvar Uygulamaları (A), Undergraduate, 2020 - 2021, 2019 - 2020
Okul Deneyimi, Undergraduate, 2019 - 2020
Eğitimde Ahlak ve Etik, Undergraduate, 2020 - 2021
Fen Bilimleri Laboratuvar Uygulamaları (C), Undergraduate, 2020 - 2021
Sürdürülebilir Kalkınma ve Eğitim, Undergraduate, 2019 - 2020
Genel Fizik Laboratuvarı II, Undergraduate, 2019 - 2020
Öğretmenlik Uygulaması I (D), Undergraduate, 2020 - 2021, 2019 - 2020
Sürdürülebilir Kalkınma ve Eğitim, Undergraduate, 2020 - 2021, 2019 - 2020
Fen Bilimleri Laboratuvar Uygulamaları (B), Undergraduate, 2020 - 2021, 2019 - 2020
Genel Biyoloji Laboratuvarı I, Undergraduate, 2019 - 2020
Genel Fizik Laboratuvarı III, Undergraduate, 2019 - 2020
Genel Fizik, Undergraduate, 2019 - 2020
Genel Fizik Laboratuvarı I, Undergraduate, 2019 - 2020
Genel Kimya Laboratuvarı I, Undergraduate, 2019 - 2020
Fen ve Teknoloji Öğretimi I, Undergraduate, 2019 - 2020

Jury Memberships

Post Graduate, Post Graduate, Kocaeli Üniversitesi, June, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Structural, spectral characterization, and topological study of (E)-5-(diethylamino)-2-((3,5-dinitrophenylimino)methyl)phenol**
Eşme A.
STRUCTURAL CHEMISTRY, vol.34, pp.455-466, 2023 (SCI-Expanded)
- II. **4-(4-methoxyphenyl)-6-methyl-3-phenyl-4H-1,2,4-oxadiazin-5(6H)- one: Synthesis, crystal structure, Hirshfeld surface analysis, noncovalent, ADMET studies and biological evaluation**
Eşme A., Kara Y. S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1282, pp.135197, 2023 (SCI-Expanded)
- III. **Divulging the regioselectivity of epoxides in the ring-opening reaction, and potential himachalene derivatives pre dicte d to target the antibacterial activities and SARS-CoV-2 spike protein with docking study**
Aitouna A. O., Belghiti M. E., EŞME A., Aitouna A. O., Salah M., Chekroun A., El Abdallaoui H. E. A., Benharref A., Mazoir N., Zeroual A., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1244, 2021 (SCI-Expanded)
- IV. **Chemical reactivities and molecular docking studies of parthenolide with the main protease of HEP-G2 and SARS-CoV-21**
Aitouna A. O., Belghiti M., EŞME A., Anouar E., Aitouna A. O., Zeroual A., Salah M., Chekroun A., El Abdallaoui H. E. A., Benharref A., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1243, 2021 (SCI-Expanded)
- V. **The Crystal Structure, Spectral, and Density Functional Theory Studies of [3-(3-Bromophenyl)-cis-4,5-Dihydroisoxazole-4,5-Diyl]bis(Methylene)Diacetate**
KARA Y. S., EŞME A., Sagdinc S.

JOURNAL OF APPLIED SPECTROSCOPY, vol.88, no.3, pp.633-644, 2021 (SCI-Expanded)

- VI. **EXPERIMENTAL AND THEORETICAL STUDY OF THE SUBSTITUENT TYPE AND POSITION EFFECTS ON 3-(SUBSTITUTED PHENYL)-CIS-(4,5-DIHYDROISOXAZOLE- 4,5-DIYL)BIS(METHYLENE)DIACETATE DERIVATIVES**
EŞME A., Sagdinc S., KARA Y. S.
JOURNAL OF STRUCTURAL CHEMISTRY, vol.62, no.6, pp.865-875, 2021 (SCI-Expanded)
- VII. **Synthesis of 4-(4-ethyl-phenyl)-3-(4-methyl-phenyl)-1,2,4-oxadiazol-5 (4H)-one and 4-(4-ethyl-phenyl)-3-(4-methyl-phenyl)-1,2,4-oxadiazole-5(4H)-thione and solvent effects on their infrared spectra in organic solvents**
KARA Y. S., ÜNSAL M., TEKİN N., EŞME A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.251, 2021 (SCI-Expanded)
- VIII. **Molecular Docking, Topological Analysis and Vibrational Studies on N-(2- Bromoethyl) Succinimide: Antidepressant Agent**
Eşme A.
Letters In Organic Chemistry, vol.18, pp.1-15, 2021 (SCI-Expanded)
- IX. **Spectroscopic calculations, Hirshfeld surface analysis, and molecular docking studies of anticancer 6-(4-Aminophenyl)-4-(4-methoxyphenyl)-2- methoxynicotinonitrile**
Eşme A.
Spectroscopy Letters, vol.54, pp.51-64, 2021 (SCI-Expanded)
- X. **Divulging the various chemical reactivity of trifluoromethyl-4-vinyl-benzene as well as methyl-4-vinyl-benzene in [3+2] cycloaddition reactions**
El Idrissi M., EŞME A., Hakmaoui Y., Rios-Gutierrez M., Ouled Aitouna A., Salah M., Zeroual A., Domingo L. R.
JOURNAL OF MOLECULAR GRAPHICS & MODELLING, vol.102, 2021 (SCI-Expanded)
- XI. **Spectroscopic, Hirshfeld Surface Analysis, and Molecular Docking Studies on Potent Anti-Inflammatory and Analgesic Activity Methyl 3-methyl-2-((pyridin-2-ylcarbonyl)amino)Benzoate**
EŞME A.
CHEMISTRYSELECT, vol.5, no.11, pp.3144-3158, 2020 (SCI-Expanded)
- XII. **Conformational, spectroscopic (FT-IR, FT-Raman, and UV-Vis), and molecular docking studies of N-(2-hydroxyethyl) succinimide**
Eşme A., Sagdinc S.
Journal of Molecular Structure, vol.1195, pp.451-461, 2019 (SCI-Expanded)
- XIII. **Experimental (FT-IR, FT-Raman, and UV-Vis) and quantum chemical calculations on monomer and dimer structures of 1-hydroxy-2-naphthoic acid using the DFT and TD-DFT methods**
EŞME A.
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, vol.57, no.11, pp.822-835, 2019 (SCI-Expanded)
- XIV. **Theoretical Investigation on the Molecular Structure, Electronic, Spectroscopic Studies and Nonlinear Optical Properties of 5-bromo-1-(2-cyano-pyridin-4-yl)-1H-indazole-3-carboxylic acid diethylamide: a DFT and TD-DFT Study**
EŞME A.
ACTA PHYSICA POLONICA A, vol.136, no.3, pp.378-394, 2019 (SCI-Expanded)
- XV. **Quantum chemical calculations, Hirshfeld surface analysis, and molecular docking studies of antibacterial (E)-N'-((1H-Indol-3-yl)methylene)-4-bromobenzohydrazide**
Eşme A.
SPECTROSCOPY LETTERS, vol.52, no.7, pp.398-412, 2019 (SCI-Expanded)
- XVI. **Theoretical and spectroscopic studies of a tricyclic antidepressant, imipramine hydrochloride**
Sagdinc S., AZKESKİN C., EŞME A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1161, pp.169-184, 2018 (SCI-Expanded)
- XVII. **Molecular structures, spectroscopic (FT-IR, NMR, UV) studies, NBO analysis and NLO properties for tautomeric forms of 1,3-dimethyl-5-(phenylazo)-6-aminouracil by density functional method**
EŞME A., Sagdinc S.

- SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.188, pp.443-455, 2018 (SCI-Expanded)
- XVIII. **Quantum Chemical Calculations of the Spectroscopic Properties and Nonlinear Optical Activity of 2,6-Dibromo-3-Chloro-4-Fluoroaniline**
EŞME A., Sagdinc S.
JOURNAL OF APPLIED SPECTROSCOPY, vol.84, no.6, pp.1098-1107, 2018 (SCI-Expanded)
- XIX. **Spectroscopic (FT-IR, FT-Raman, UV-Vis) analysis, conformational, HOMO-LUMO, NBO and NLO calculations on monomeric and dimeric structures of 4-pyridazinecarboxylic acid by HF and DFT methods**
EŞME A., Sagdinc S. G.
JOURNAL OF MOLECULAR STRUCTURE, vol.1147, pp.322-334, 2017 (SCI-Expanded)
- XX. **Quantum chemical calculations on the geometrical, conformational, spectroscopic (FTIR, FT-Raman) analysis and NLO activity of milrinone[5-cyano-2-methyl-(3,4'-xx-bipyridin)-6(1h)-one] by using hartree-fock and densityfunctional methods**
EŞME A.
Journal Of Applied Spectroscopy, vol.55, pp.478-489, 2017 (SCI-Expanded)
- XXI. **Theoretical Studies of Molecular Structures, Infrared Spectra, NBO and NLO Properties of Some Novel 5-arylazo-6-hydroxy-4-phenyl-3-cyano-2-pyridone Dyes**
EŞME A., Sagdinc S.
ACTA PHYSICA POLONICA A, vol.130, no.6, pp.1273-1287, 2016 (SCI-Expanded)
- XXII. **Experimental and theoretical studies on Sudan Red G [1-(2-methoxyphenylazo)-2-naphthol] and its Cu(II) coordination compound**
Eşme A., Sagdinc S., Yildiz S. Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1075, pp.264-278, 2014 (SCI-Expanded)
- XXIII. **The vibrational studies and theoretical investigation of structure, electronic and non-linear optical properties of Sudan III [1-[[4-(phenylazo) phenyl]azo]-2-naphthalenol]**
EŞME A., Sagdinc S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1048, pp.185-195, 2013 (SCI-Expanded)
- XXIV. **Theoretical study on the relationship between the molecular structure and corrosion inhibition efficiency of long alkyl side chain acetamide and isoxazolidine derivatives**
KARA Y. S., Sagdinc S., EŞME A.
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.48, no.6, pp.710-721, 2012 (SCI-Expanded)
- XXV. **Theoretical and vibrational studies of 4,5-diphenyl-2-oxazole propionic acid (oxaprozin)**
Sagdinc S., EŞME A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.75, no.4, pp.1370-1376, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Efficient One-Pot Synthesis of Indolhydroxy Derivatives Catalyzed by SnCl₂, DFT Calculations and Docking Study**
Hakmaoui Y., Eşme A., Ajlaoui R. E., Belghiti M. E., Zeroual A., Rakib E. M.
Chemistry Africa, vol.5, no.1, pp.827-839, 2022 (Peer-Reviewed Journal)
- II. **TDOS/PDOS/OPDOS, reduced density gradient (RDG) and molecular docking studies of [3-(3-bromophenyl)-cis-4,5-dihydroisoxazole-4,5-diyl]bis(methylene) diacetate**
Saniye Kara Y. S., Eşme A., Güneşdoğdu Sağdınc S.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.1, pp.100-110, 2022 (Peer-Reviewed Journal)
- III. **ÖĞRETMEN ADAYLARININ ÇEVRE SORUNLARI ve YENİLENEBİLİR ENERJİYE YÖNELİK FARKINDALIK DÜZEYLERİNİN İNCELENMESİ**

Eşme A., Yağcı Ç., Demir B.

INTERNATIONAL JOURNAL OF SOCIAL HUMANITIES SCIENCES RESEARCH (JSHSR), vol.8, no.73, pp.2154-2166, 2021 (Peer-Reviewed Journal)

IV. Mpro-SARS-CoV-2 Inhibitors and Various Chemical Reactivity of 1-Bromo- and 1-Chloro-4-vinylbenzene in [3 + 2] Cycloaddition Reactions

Eşme A.

organics, vol.2, pp.1-16, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

I. İlkokul Programlarında Yer Alan “Fiziksel Olaylar” Konu Alanı ve Özellikleri

Eşme A.

in: İlkokulda temel fen bilimleri, Dr. Öğr. Üy. Murat OKUR, Editor, Vizetek, Ankara, pp.141-191, 2021

Refereed Congress / Symposium Publications in Proceedings

I. Investigation of Pre-service Teachers’ Environmental Ethics Awareness and Sustainable Environmental Attitudes

Eşme A., Akaydın B. B.

20. Uluslararası Sınıf Öğretmenliği Eğitimi Sempozyumu, Antalya, Turkey, 14 - 17 November 2022

II. Theoretical Studies Of Molecular Structures, Infrared Spectra And Nlo Properties Of Some Novel 5-Arylazo-6-Hydroxy-4-Phenyl-3-Cyano-2-Pyridone Dyes

EŞME A., GÜNEŞDOĞDU SAĞDINÇ S.

III. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), 26 - 29 August 2017

III. Milrinone [5-siyano-2-metil-(3,4’xx-bipiridin)-6(1h)-one] molekülünün Geometrik Yapısının, NLO ve Spektroskopik (FT-IR, FT-Raman) Özelliklerinin Hartree-Fock (HF) Ve Yoğunluk Fonksiyonel Teorisi (DFT) Kullanılarak İncelenmesi

EŞME A.

6. FİZİKSEL KİMYA KONGRESİ, Turkey, 15 - 18 May 2017

IV. The DFT and vibrational studies of Sudan Red G

EŞME A., GÜNEŞDOĞDU SAĞDINÇ S.

international turkish congress on molecular spectroscopy (TURCMOS 2013), 15 - 20 September 2013

V. DFT studies and Spectroscopic investigation of Sudan III and Sudan Orange G

EŞME A., GÜNEŞDOĞDU SAĞDINÇ S.

Chemical Physics Congress-IX, Turkey, 14 - 16 October 2010

VI. Theoretical study on the relationship between molecular structure and corrosion inhibition efficiency of diol and isoxazolidine derivatives

GÜNEŞDOĞDU SAĞDINÇ S., EŞME A.

Türk fizik derneği 27. uluslararası fizik kongresi, 14 - 17 September 2010

VII. theoretical studies of oxaprozin 4 5 diphenyl 2 oxazole propionic acid and its copper complex

GÜNEŞDOĞDU SAĞDINÇ S., EŞME A.

Türk fizik derneği 25. uluslararası fizik kongresi, 25 - 29 August 2008

Other Publications

I. Theoretical studies of molecular structure, spectroscopic, electronic and NLO investigations of Oxamyl

Eşme A.

Other, pp.99-115, 2017

II. **The linear, nonlinear optical properties and quantum chemical parameters of some sudan dyes**

Eşme A., Güneşdoğdu Sağdıç S.

Other, pp.47-75, 2014

Supported Projects

GÜNEŞDOĞDU SAĞDINÇ S., EŞME A., BALDAN IŞIK İ., Project Supported by Higher Education Institutions, MEME KANSERİNDE İN VİTRO TERAPÖTİK ETKİNLİĞİNİN BELİRLENMESİ İÇİN ÇEŞİTLİ OKSİNDOL BİLEŞİKLERİNİN VE BUNUN TÜREVLERİNİN METAL-ŞELAT KOMPLEKSLERİNİN SENTEZLENMESİ, KARAKTERİZE EDİLMESİ, 2019 - 2021

EŞME A., Project Supported by Higher Education Institutions, BAZI SÜKSİNİMİDLERİN DENEYSEL VE TEORİK OLARAK SPEKTROSKOPİK (FT-IR, FT-Raman, UV-Vis) ÖZELLİKLERİNİN ARAŞTIRILMASI, 2018 - 2019

EŞME A., Project Supported by Higher Education Institutions, 4-PRİDAZİNKARBOKSİLİK ASİT MOLEKÜLÜNÜN GEOMETRİK YAPISININ VE TİTREŞİM FREKANSLARININ DENEYSEL VE TEORİK OLARAK İNCELENMESİ, 2017 - 2018

EŞME A., Project Supported by Higher Education Institutions, ARİLAZO PRİDON BOYALARININ KONFONMASYON, TİTREŞİM SPEKTRUMLARI, DOĞAL BAĞ ORBİTALLERİ (NBO), VE NONLİNEER OPTİK ÖZELLİKLERİNİN TEORİK OLARAK ÇALIŞILMASI, 2015 - 2016

Özkan N., Pekey B., Ergül H. A., Güray R. T., Yalçın C., Aksan S., Eşme A., Project Supported by Higher Education Institutions, Yaşayan ve Yaşatan Bir Gölcük için Çevresel Durum Analizi, 2014 - 2016

EŞME A., Project Supported by Higher Education Institutions, AZO BOYAR MOLEKÜLLERİNİN MOLAKÜLER YAPILARININ ELEKTRONİK VE LİNEER ..., 2014 - 2015

ÖZKAN N., EŞME A., Project Supported by Higher Education Institutions, Yaşayan ve Yaşatan bir Gölcük için Çevresel Durum Analizi, 2014 - 2015

Scientific Refereeing

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, March 2023

SPECTROSCOPY LETTERS, SCI Journal, March 2023

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, January 2023

SPECTROSCOPY LETTERS, SCI Journal, January 2023

SPECTROSCOPY LETTERS, National Scientific Refreed Journal, November 2022

COMPUTATIONAL AND THEORETICAL CHEMISTRY, SCI Journal, October 2022

POLYCYCLIC AROMATIC COMPOUNDS, SCI Journal, September 2022

POLYCYCLIC AROMATIC COMPOUNDS, SCI Journal, September 2022

POLYCYCLIC AROMATIC COMPOUNDS, SCI Journal, September 2022

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, SCI Journal, July 2022

MOLECULAR CRYSTALS AND LIQUID CRYSTALS, National Scientific Refreed Journal, July 2022

POLYCYCLIC AROMATIC COMPOUNDS, SCI Journal, May 2022

POLYCYCLIC AROMATIC COMPOUNDS, SCI Journal, April 2022

MOLECULAR CRYSTALS AND LIQUID CRYSTALS, SCI Journal, April 2022

JOURNAL OF MOLECULAR LIQUIDS, National Scientific Refreed Journal, April 2022

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, March 2022

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2021

JOURNAL OF CHEMISTRY, SCI Journal, November 2021

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, October 2021

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, July 2021

SPECTROSCOPY LETTERS, SCI Journal, July 2021

JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, SCI Journal, June 2021

SPECTROSCOPY LETTERS, SCI Journal, June 2021

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, May 2021
SPECTROSCOPY LETTERS, SCI Journal, March 2021
COMPUTATIONAL AND THEORETICAL CHEMISTRY, SCI Journal, February 2021
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2020
MOLECULAR SIMULATION, SCI Journal, July 2020
SPECTROSCOPY LETTERS, SCI Journal, July 2020
JOURNAL OF MOLECULAR RECOGNITION, SCI Journal, June 2020
Chemical Data Collections, Other Indexed Journal, June 2020
SPECTROSCOPY LETTERS, SCI Journal, May 2020
RESEARCH ON CHEMICAL INTERMEDIATES, SCI Journal, May 2020
POLYCYCLIC AROMATIC COMPOUNDS, SCI Journal, March 2020
chemical data collections - CDC_2019_5 - August 2019, Other Indexed Journal, August 2019
Journal of Molecular Liquids-MOLLIQ_2019_3191, SCI Journal, July 2019
JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, July 2019
SPECTROSCOPY LETTERS, SCI Journal, June 2019
Spectroscopy Letters: An International Journal for Rapid Communication-MS_SL_101_19, SCI Journal, May 2019
Chemical Data Collections, SCI Journal, November 2018
Journal of Theoretical & Computational Chemistry, SCI Journal, October 2018
COMPUTATIONAL BIOLOGY AND CHEMISTRY, SCI Journal, August 2018
COMPUTATIONAL BIOLOGY AND CHEMISTRY, SCI Journal, June 2018

Metrics

Publication: 39
Citation (WoS): 193
Citation (Scopus): 217
H-Index (WoS): 9
H-Index (Scopus): 7

Congress and Symposium Activities

Temel Eğitim Bölümünde Öğrenimlerini Sürdüren ÖğretmenAdaylarının Bilinçli Su Tüketimine Yönelik Davranışlarının İncelenmesi, Working Group, Muğla, Turkey, 2019
Turkish Physical Society 35th International Physics Congress / THEORETICAL STUDY OF NEW SCHIFF BASE 3-(1-NDITHIOOXAMIDE)IMINOISATINS WITH MORPHOLINE OR DIPHENYLAMINE AS CORROSION INHIBITORS, Working Group, Muğla, Turkey, 2019
"Spectroscopic (FT?IR, FT?Raman, UV?Vis) Analysis on Monomeric and Dimeric Structures of 4?Pyridazinecarboxylic Acid by HF and DFT Methods", A. Eşme and S. G. Sağdıncı, , XXXIV EUROPEAN CONGRESS ON MOLECULAR SPECTROSCOPY - EUCMOS 2018, (2018), Attendee, Turkey, 2018
"The Study of Vibrational Spectroscopies for 5-Bromo-2-oxindole (5Br2O) Dimer", A. Eşme , H. Çalışkan and S. G. Sağdıncı, , XXXIV EUROPEAN CONGRESS ON MOLECULAR SPECTROSCOPY - EUCMOS 2018, (2018), Attendee, Muğla, Turkey, 2018
"Milrinone [5-siyano-2-metil-(3,4'-bipiridin)-6(1h)-one] molekülünün Geometrik Yapısının, NLO ve Spektroskopik (FT-IR, FT-Raman) Özelliklerinin Hartree-Fock (HF) Ve Yoğunluk Fonksiyonel Teorisi (DFT) Kullanılarak İncelenmesi-SÖZLÜ, Working Group, Zonguldak, Turkey, 2017
"THEORETICAL STUDIES OF MOLECULAR STRUCTURES, INFRARED SPECTRA AND NLO PROPERTIES OF SOME NOVEL 5-ARYLAZO-6-HYDROXY-4-PHENYL-3-CYANO-2-PYRIDONE DYES-SÖZLÜ", A. Eşme, S. G. Sağdıncı, , III. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), (2017), Working Group, Muğla, Turkey, 2017
"Spectroscopic studies on Cu(II) coordination compound of Sudan Red G [1-(2-methoxyphenylazo)-2- naphthol]", Asli

Esme, Seda Güneşdoğdu Sağdıç, Salih Zeki Yıldız, TURCMOS2015 II. International Turkish Congress on Molecular Spectroscopy, (2015), Attendee, Antalya, Turkey, 2015

"The DFT and Vibrational Studies of Sudan Red G", Asli Eşme, Seda Güneşdoğdu Sağdıç, International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013), (2013), Attendee, İstanbul, Turkey, 2013

"DFT STUDIES AND SPECTROSCOPIC INVESTIGATION OF SUDAN III AND SUDAN ORANGE G", ASLI EŞME, SEDA GÜNEŞDOĞDU SAĞDINÇ, Chemical Physics Congress-IX, (2012), Attendee, İzmir, Turkey, 2012

"THEORETICAL STUDY ON THE RELATIONSHIP BETWEEN MOLECULAR STRUCTURE AND CORROSION INHIBITION EFFICIENCY OF DIOL AND ISOXAZOLIDINE DERIVATIVES", Seda GÜNEŞDOĞDU SAĞDINÇ, Asli EŞME, TFD 27 - Türk Fizik Derneği 27. Uluslararası Fizik Kongresi, (2010), Attendee, İstanbul, Turkey, 2010

"THEORETICAL STUDIES OF OXAPROZIN, (4,5-DIPHENYL-2-OXAZOLE-PROPIONIC ACID) AND ITS COPPER COMPLEX", SEDA GÜNEŞDOĞDU SAĞDINÇ, ASLI EŞME, TÜRK FİZİK DERNEĞİ 25. ULUSLARARASI FİZİK KONGRESİ, (2008), Attendee, Muğla, Turkey, 2008