

## Prof. ASLI EŐME

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-2573-306X

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

Yoksis Researcher ID: 110680

### 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

Professor, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2025 - Continues

Associate Professor, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2018 - 2025

Assistant Professor, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2019 - 2022

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

Ethics Committee Member, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2025 - Continues

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

Fakólte Kurulu Üyesi, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2021 - Continues

Fakólte Yönetim Kurulu Üyesi, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2021 - Continues

University Academic Incentive Evaluation Commission Member, Kocaeli University, Eğitim Fakóltesi, Temel Eğitim, 2021 - 2025

## Courses

### Doctorate

Moleküler Yapılar, Doctorate, 2020 - 2021

### Undergraduate

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

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

## Supervised Theses

Eşme A., WEB 2.0 ARAÇLARININ FENE YÖNELİK TUTUM VE AKADEMİK BAŞARIYA ETKİSİ( 4. SINIF " MADDENİN ÖZELLİKLERİ " ÖRNEĞİ), Postgraduate, S.ÖZER(Student), 2024

## Jury Memberships

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

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spectral inspection, Hirshfeld surface, electronic and topological properties, Fukui functions in different solvents, 4-(4-ethyl-phenyl)-3-phenyl-1,2,4-oxadiazol-5(4H)-one – Anticonvulsant activities**  
EŞME A., KARA Y. S.  
Journal of Molecular Liquids, vol.421, 2025 (SCI-Expanded)
- II. **Theoretical Assessment of Inhibitive Behavior of Some Long Chain Fatty Acid Oxadiazoles**  
EŞME A., KARA Y. S., Sagdinc S.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.60, no.2, pp.291-303, 2024 (SCI-Expanded)
- III. **Solvent effects on spectroscopic, electronic, and topological analyses, Hirshfeld surface, ADME, and**

**molecular docking studies on antiviral pyridine carboxamide derivatives**

EŞME A., Kwiatek D., Hnatejko Z.

JOURNAL OF MOLECULAR LIQUIDS, vol.396, 2024 (SCI-Expanded)

- IV. **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, 2023 (SCI-Expanded)
- V. **Structural, spectral characterization, and topological study of (E)-5-(diethylamino)-2-((3,5-dinitrophenylimino)methyl)phenol**  
Eşme A.  
STRUCTURAL CHEMISTRY, vol.34, no.2, pp.455-466, 2023 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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.  
JOURNAL OF MOLECULAR STRUCTURE, pp.322-334, 2017 (SCI-Expanded)
- XXI. **Theoretical Studies of Molecular Structures, Infrared Spectra, NBO and NLO Properties of Some Novel 5-aryloxy-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. **Investigation of Pre-service Teachers Environmental Ethics Awareness and Attitudes towards Sustainable Environment**  
AKAYDIN B. B., EŞME A.  
Anadolu Üniversitesi Eğitim Fakültesi Dergisi, vol.8, 2024 (Peer-Reviewed Journal)
- II. **Molecular docking, elucidating the regioselectivity and the mechanism of [3+2] cycloaddition reaction between azidobenzene and propionaldehyde**  
Ryachi K., Barhoumi A., Atif M., EŞME A., Tounsi A., El Idrissi M., Zeroual A.  
Current Chemistry Letters, vol.13, pp.303-314, 2024 (Scopus)
- III. **Molecular Docking, Regio, Chemo and Stereoselectivity Study of the [3+2] Cycloaddition Reaction Between Pyridazi-3-one and Nitrilimine**  
Asserne F., Ouahdi Z., Hakmaoui Y., EŞME A., Abouricha S., Abdellaoui H. E. A., Syed A., Zeroual A.  
CHEMISTRY AFRICA-A JOURNAL OF THE TUNISIAN CHEMICAL SOCIETY, vol.7, no.1, pp.53-62, 2024 (ESCI)
- IV. **Synthesis of some ribonucleosides derivatives and molecular docking analysis against variant corona virus omicron**  
Ouzebda D., Ourhriss N., EŞME A., El idrissi M., Zeroual A.  
Current Chemistry Letters, vol.13, pp.445-450, 2024 (Scopus)
- V. **Efficient One-Pot Synthesis of Indolhydroxy Derivatives Catalyzed by SnCl<sub>2</sub>, 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)
- VI. **TDOS/PDOS/OPDOS, reduced density gradient (RDG) and molecular docking studies of [3-(3-bromophenyl)-cis-4,5-dihydroisoxazole-4,5-diy]bis(methylene) diacetate**  
Saniye Kara Y. S., Eşme A., Güneşdoğdu Sağdıç S.  
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.1, pp.100-110, 2022 (Peer-Reviewed Journal)
- VII. **ÖĞRETMEN ADAYLARININ ÇEVRE SORUNLARI ve YENİLENEBİLİR ENERJİYE YÖNELİK FARKINDALIK DÜZEYLERİNİN İNCELENMESİ**  
EŞME A., DEMİR B., YAĞCI Ç.  
International Journal of Social Humanities Sciences Research (JSHSR), vol.8, pp.2154-2166, 2021 (Peer-Reviewed Journal)
- VIII. **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

- 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

## Papers Published in Refereed Scientific Meetings

- I. **Sınıf Öğretmen Adaylarının "Yapay Zekâ" Kavramı Konusundaki Bilişsel Yapılarının İncelenmesi**  
Eşme A., Yazıcı C., Demir B.  
International EJER Congress, Kocaeli, Turkey, 21 - 24 May 2024, pp.1-10
- II. **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

- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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 Sağdınç S.  
Other, pp.47-75, 2014

## Supported Projects

GÜNEŞDOĞDU SAĞDINÇ S., EŞME A., BİLİR C., YILDIZ S. Z., GÜNEY ESKİLER G., ÇABUK D., 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, ARİL AZO 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 Gölçük 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 Gölçük için Çevresel Durum Analizi, 2014 - 2015

## Peer Reviews in Scientific Publications

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, March 2025

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, March 2025

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, March 2025

INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, SCI Journal, March 2025

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, February 2025

INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, SCI Journal, February 2025

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, January 2025

PHASE TRANSITIONS, SCI Journal, January 2025

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, January 2025

JOURNAL OF MOLECULAR LIQUIDS, National Scientific Refreed Journal, December 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, December 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, December 2024

JOURNAL OF MOLECULAR LIQUIDS, National Scientific Refreed Journal, October 2024

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, September 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, September 2024

COMPUTATIONAL AND THEORETICAL CHEMISTRY, SCI Journal, September 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, September 2024

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, SCI Journal, August 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, August 2024

SPECTROSCOPY LETTERS, National Scientific Refreed Journal, July 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, July 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, June 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, June 2024

SPECTROSCOPY LETTERS, National Scientific Refreed Journal, June 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, June 2024

SPECTROSCOPY LETTERS, SCI Journal, May 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, May 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, April 2024

SPECTROSCOPY LETTERS, SCI Journal, April 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, April 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, April 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, April 2024

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, March 2024

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, January 2024

COMPUTATIONAL AND THEORETICAL CHEMISTRY, SCI Journal, November 2023

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2023

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, November 2023

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2023

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2023

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2023

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, September 2023

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, September 2023

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  
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## Congress and Symposium Activities

- ULUSLARARASI MARMARA SOSYAL BİLİMLER KONGRESİ (İMASCN)), Attendee, Kocaeli, Turkey, 2023
20. international Primary Teacher Education Symposium, Attendee, Malatya, Turkey, 2022
- 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 (FTIR, 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. Caliskan 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 Eşme, Seda Güneşdoğdu Sağdıncı, 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 Sağdıncı, , 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

## Non Academic Experience

TRAKYA ÜNİVERSİTESİ, Arş.Gör.