



## Assoc. Prof. TANER ERDOĞAN

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-5986-2018

ScopusID: 16070315300

Yoksis Researcher ID: 32144

## Education Information

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- I. Doctorate, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2005 - 2009
- II. Postgraduate, Bülent Ecevit Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2002 - 2005
- III. Undergraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1997 - 2001

## Foreign Languages

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- I. German, B1 Intermediate
- II. English, C1 Advanced

## Certificates, Courses and Trainings

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- I. Occupational Health and Safety, ÇSGB A SINIFI İŞ GÜVENLİĞİ UZMANI, ÇSGB, 2012
- II. Occupational Health and Safety, ÇSGB İŞYERİ HEKİMLİĞİ VE İŞ GÜVENLİĞİ UZMANLIĞI EĞİTİCİ BELGESİ, ÇSGB, 2012

## Dissertations

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- I. Doctorate, Bazı Yeni Fenil, Furil ve Benzimidazol Sübstitüe Oksim Eterlerin Sentezi ve Bunların Biyolojik Aktivitelerinin Araştırılması, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2009
- II. Postgraduate, N-Alkil Sübstitüe Furil Nitronların Eldesi ve Bunların Halkakatılma Reaksiyonları Üzerinde

## Research Areas

Pharmaceutical Chemistry, Chemistry, Computational Chemistry, Organic Chemistry, Natural Sciences

## Academic Titles / Tasks

- I. Associate Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2020 - Continues
- II. Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2018 - 2020
- III. Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2010 - 2018
- IV. Research Assistant, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2002 - 2010

## Academic and Administrative Experience

- I. Head of Department, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2021 - Continues
- II. Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2015 - 2016
- III. Kocaeli Üniversitesi, Kocaeli Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2012 - 2015

## Courses

- I. PATLAYICI ORTAMLAR VE PATLAMADAN KORUNMA, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
- II. İLAÇ ÜRETİM TEKNOLOJİSİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
- III. İlaç Teknolojileri, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
- IV. GENEL KİMYA 2, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
- V. BİLİMSEL ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
- VI. GENEL KİMYA 1, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
- VII. İlaç Teknolojileri, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
- VIII. Biyokimya İÖ, Associate Degree, 2018 - 2019, 2017 - 2018
- IX. Biyokimya, Associate Degree, 2018 - 2019, 2017 - 2018
- X. TEMEL BİLGİ TEKNOLOJİLERİ KULLANIMI, Associate Degree, 2016 - 2017
- XI. Endüstriyel Kimya İÖ, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
- XII. ENDÜSTRİYEL KİMYA, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

- I. ERDOĞAN T., BİR İŞLETMEDE BULANIK ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİYLE İŞ SAĞLIĞI VE GÜVENLİĞİ AÇISINDAN RİSKLİ ALANLARIN BELİRLENMESİ, Postgraduate, E.İncel(Student), 2019
- II. Erdoğan T., BİR AĞAÇ İŞLEME TESİSİNDE PATLAYICI ORTAM RİSKİNİN İŞ SAĞLIĞI VE GÜVENLİĞİ YÖNÜNDEN İNCELENMESİ VE PATLAMADAN KORUNMA ÇALIŞMALARI, Postgraduate, Ö.YILMAZ(Student), 2019
- III. Erdoğan T., BİR METAL İŞLEME ATÖLYESİNDEKİ TEZGAHLARIN, MEVCUT STANDARTLARA GÖRE MAKİNE EMNİYETİ YÖNÜNDEN DEĞERLENDİRİLMESİ, Postgraduate, Y.ERSÖZ(Student), 2019

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

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- I. **Development and Fabrication of a Molecularly Imprinted Polymer-Based Electroanalytical Sensor for the Determination of Acyclovir**  
Al Faysal A., Cetinkaya A., Kaya S. I., ERDOĞAN T., ÖZKAN S. A., Gölcü A.  
ACS OMEGA, vol.9, no.8, pp.9564-9576, 2024 (SCI-Expanded)
- II. **Quantification of mirtazapine in tablets via DNA binding mechanism; development of a new HPLC method**  
Kuzpınar E., Al Faysal A., Şenel P., Erdoğan T., Gölcü A.  
JOURNAL OF CHROMATOGRAPHY B: ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.2024, no.02, pp.1-15, 2024 (SCI-Expanded)
- III. **DFT, molecular docking and molecular dynamics simulation studies on some recent natural products revealing their EGFR tyrosine kinase inhibition potential**  
ERDOĞAN T., OĞUZ ERDOĞAN F.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.42, no.6, pp.2942-2956, 2024 (SCI-Expanded)
- IV. **Probing some recent natural compounds from Phellinus baumii, Colletotrichum sp. and Ligustrum lucidum as heat shock protein 90 inhibitors**  
Erdoğan T., Oğuz Erdoğan F.  
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, vol.1, no.1, pp.1-13, 2023 (SCI-Expanded)
- V. **In-silico investigation of some recent natural compounds for their potential use against SARS-CoV-2: a DFT, molecular docking and molecular dynamics study**  
Erdoğan T.  
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, vol.41, no.6, pp.2448-2465, 2023 (SCI-Expanded)
- VI. **Some bis (3-(4-nitrophenyl)acrylamide derivatives: Synthesis, characterization, DFT, antioxidant, antimicrobial properties, molecular docking and molecular dynamics simulation studies**  
Cakmak S., ERDOĞAN T.  
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.60, no.3, pp.209-223, 2023 (SCI-Expanded)
- VII. **Identification of a 3-(5-methyl-2-thiazolylamino)phthalide as a new minor groove agent**  
Yılmaz Z. T., Odabaşoğlu H. Y., Şenel P., Yüzbaşıoğlu E. Ç., Erdoğan T., Özdemir A. D., Gölcü A., Odabaşoğlu M., Büyükgüngör O.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.9, pp.4048-4064, 2023 (SCI-Expanded)
- VIII. **Mechanism of Interactions of dsDNA Binding with Quercetin and Its Two Novel Sulfonate Derivatives Using Multispectroscopic, Voltammetric, and Molecular Docking Studies**  
Bekar-Yıldırım B., Şenel P., Erdoğan T., Altay F., Gölcü A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.2023, pp.134718, 2023 (SCI-Expanded)
- IX. **Controlled synthesis and computational analysis of gold nanostars for the treatment of Fusarium oxysporum**  
Eshun G. B., Osonga F. J., Erdogan T., Gölcü A., Sadik O. A.  
RSC ADVANCES, vol.13, no.31, pp.21781-21792, 2023 (SCI-Expanded)
- X. **Elucidation of binding interactions and mechanism of rivastigmine tartrate with dsDNA via multi-**

**spectroscopic, electrochemical, and molecular docking studies**

Alizadeh N., Senel P., ERDOĞAN T., Gölcü A.

JOURNAL OF MOLECULAR STRUCTURE, vol.1268, 2022 (SCI-Expanded)

- XI. **Spectroscopic, electrochemical, and some theoretical studies on the interactional of neuraminidase inhibitor zanamivir with double helix deoxyribonucleic acid**  
Şenel P., Cetinkaya A., Kaya S. İ., Erdoğan T., Topal B. D., Gölcü A., Ozkan S. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1262, pp.1-15, 2022 (SCI-Expanded)
- XII. **Synthesis & characterization of heterocyclic disazo - azomethine dyes and investigating their molecular docking & dynamics properties on acetylcholine esterase (AChE), heat shock protein (HSP90α), nicotinamide N-methyl transferase (NNMT) and SARS-CoV-2 (2019-nCoV, COVID-19) main protease (Mpro)**  
Odabasoglu H. Y., ERDOĞAN T., Karci F.  
Journal of Molecular Structure, vol.1252, 2022 (SCI-Expanded)
- XIII. **Computational evaluation of 2-arylbenzofurans for their potential use against SARS-CoV-2: A DFT, molecular docking, molecular dynamics simulation study**  
Erdoğan T.  
INDIAN JOURNAL OF BIOCHEMISTRY AND BIOPHYSICS, vol.59, no.1, pp.59-72, 2022 (SCI-Expanded)
- XIV. **DFT, molecular docking and molecular dynamics simulation studies on some newly introduced natural products for their potential use against SARS-CoV-2**  
ERDOĞAN T.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1242, 2021 (SCI-Expanded)
- XV. **Mechanism of Interactions of dsDNA Binding with Apigenin and Its Sulfamate Derivatives Using Multispectroscopic, Voltammetric, and Molecular Docking Studies**  
Waihenya S., Şenel P., Osonga F. J., Erdoğan T., Altay F., Gölcü A., Sadik O. A.  
ACS Omega, vol.6, no.8, pp.5124-5137, 2021 (SCI-Expanded)
- XVI. **Investigations on crystal structure of a novel 3-((4,6-dimethylpyrimidin-2-yl)amino)isobenzofuran-1(3H)-one, and related theoretical studies**  
Yılmaz Z. T., Odabaşoğlu H. Y., Şenel P., Adımcılar V., ERDOĞAN T., Özdemir A. D., Gölcü A., Odabaşoğlu M., Büyükgüngör O.  
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.6, pp.5564-5580, 2020 (SCI-Expanded)
- XVII. **A novel 3-((5-methylpyridin-2-yl)amino)isobenzofuran-1(3H)-one: Molecular structure describe, X-ray diffractions and DFT calculations, antioxidant activity, DNA binding and molecular docking studies**  
Yılmaz Z., Odabaşoğlu H. Y., Şenel P., Adımcılar V., Erdoğan T., Özdemir A., Gölcü A., Odabaşoğlu M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (SCI-Expanded)
- XVIII. **Synthesis, characterization, DFT and molecular docking studies for novel 1,5-diphenylpenta-1,4-dien-3-one O-benzyl oximes**  
ERDOĞAN T.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.10, pp.2243-2255, 2019 (SCI-Expanded)
- XIX. **Ultrasound-assisted improved synthesis of 5-(benzylthio)-1,3,4-thiadiazol-2-amine derivatives: an experimental and computational study**  
ERDOĞAN T.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.5, pp.899-912, 2019 (SCI-Expanded)
- XX. **An Improved, Efficient and Microwave Assisted Synthetic Method for the Synthesis of Chalcone Oximes: An Experimental and Computational Study**  
Erdoğan T., Oguz Erdogan F.  
LETTERS IN ORGANIC CHEMISTRY, vol.15, pp.99-110, 2018 (SCI-Expanded)
- XXI. **Characterization of the Adsorption of Disperse Yellow 211 on Activated Carbon from Cherry Stones Following Microwave-Assisted Phosphoric Acid Treatment**  
Erdoğan T., Erdogan F.  
ANALYTICAL LETTERS, vol.49, pp.917-928, 2016 (SCI-Expanded)

- XXII. **DNA adsorption and dynamic mechanical analysis of polymeric oil/oil acid copolymers**  
Cakmakli B., Hazer B., ERDOĞAN T., Mutlu A. G.  
JOURNAL OF POLYMER RESEARCH, vol.20, no.3, 2013 (SCI-Expanded)
- XXIII. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)ethanone O-isopropylloxime**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, pp.1604-1614, 2009 (SCI-Expanded)
- XXIV. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)ethanone O-ethylloxime**  
Güven O. O., Erdogan T., TAHIR M. N., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, pp.1621-1631, 2009 (SCI-Expanded)
- XXV. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)ethanone O-propylloxime**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, pp.1517-1527, 2009 (SCI-Expanded)
- XXVI. **1-[2-(4-Fluorobenzyloxy)-2-phenylethyl]-1H-benzimidazole**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXVII. **1-[2-(2,6-Dichlorobenzyloxy)-2-(2-furyl)ethyl]-1H-benzimidazole**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXVIII. **1-[2-(3,4-dichlorobenzyloxy)-2-phenylethyl]-1H-benzimidazole**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXIX. **1-[2-Phenyl-2-[4-(trifluoromethyl)benzyloxy]ethyl]-1H-benzimidazole**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXX. **2-(1H-benzimidazol-1-yl)-1-phenylethanone**  
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXXI. **2-(1H-Benzimidazol-1-yl)-1-(furan-2-yl)-ethanone O-2,4-dichlorobenzyloxime**  
GÜVEN O. O., Erdogan T., CAYLAK N., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXII. **2-(1H-benzimidazol-1-yl)-1-phenylethanone oxime**  
GÜVEN O. O., Erdogan T., CAYLAK N., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXIII. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)-3-phenylpropan-1-one**  
GÜVEN O. O., Erdogan T., CAYLAK N., HÖKELEK T.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXIV. **Synthesis and antimicrobial activity of some novel furyl and benzimidazole substituted benzyl ethers**  
ÖZEL GÜVEN O., Erdogan T., GÖKER H., YILDIZ S.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.44, no.3, pp.731-734, 2007 (SCI-Expanded)
- XXXV. **Synthesis and antimicrobial activity of some novel phenyl and benzimidazole substituted benzyl ethers**  
Güven O. O., Erdogan T., Goker H., Yildiz S.  
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.17, no.8, pp.2233-2236, 2007 (SCI-Expanded)

- I. **DFT, molecular docking and molecular dynamics simulation studies on natural chromone derivatives from Cassia nomame for their possible antiviral activity against Coronavirus, SARS-CoV-2**  
Erdoğan T.  
Cumhuriyet Science Journal, vol.42, no.3, pp.602-615, 2021 (Peer-Reviewed Journal)
- II. **Synthesis, characterization, anti-inflammatory evaluation, molecular docking and density functional theory studies of metal based drug candidate molecules of tenoxicam**  
Muslu H., Kalaycıoğlu Z., ERDOĞAN T., Gölcü A., Bedia Erim F.  
Results in Chemistry, vol.3, 2021 (ESCI)
- III. **Cefoperazone metal complexes and their antimicrobial investigations**  
Çinar M. E., ERDOĞAN T., Gölcü A.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.8, no.2, pp.375-390, 2021 (Scopus)
- IV. **Nucleophilic Substitution Reaction of Imidazole with Various 2-Bromo-1-arylethanone Derivatives: A Computational Study**  
ERDOĞAN T., OĞUZ ERDOĞAN F.  
Sakarya University Journal of Science, vol.23, no.3, pp.322-332, 2019 (Peer-Reviewed Journal)
- V. **On the esterification reaction of phenacyl bromide with benzoic acids: microwave and ultrasound versus conventional heating**  
Erdoğan T.  
Bulgarian Chemical Communications, vol.51, no.1, pp.134-145, 2019 (Scopus)
- VI. **A Computational Study on the Nucleophilic Substitution Reaction between 2-Bromoacetophenone and Azole Derivatives**  
Erdoğan T.  
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.14, no.3, pp.261-269, 2018 (Peer-Reviewed Journal)
- VII. **Adsorption of Sunset Yellow FCF Onto MCM-41**  
Oğuz Erdoğan F., Erdoğan T.  
The Online Journal of Science and Technology, vol.8, no.1, pp.16-20, 2018 (Peer-Reviewed Journal)
- VIII. **A NEW MICROWAVE ASSISTED SYNTHETIC METHOD FOR THE SYNTHESIS OF 2-(1H-BENZO[D]IMIDAZOL-1-YL)-1-PHENYLETHAN-1-ONE OXIMES: AN EXPERIMENTAL AND COMPUTATIONAL STUDY**  
Erdoğan T.  
The Online Journal of Science and Technology, vol.7, no.4, pp.12-20, 2017 (Peer-Reviewed Journal)
- IX. **The First Synthesis of Some Novel 4-Chloro Chalcone Based Oxime Ethers: An Experimental and Computational Study**  
Erdoğan T.  
SDÜ Fen Bilimleri Enstitüsü Dergisi, vol.20, no.3, pp.475-489, 2016 (Peer-Reviewed Journal)

#### Refereed Congress / Symposium Publications in Proceedings

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- I. **DFT AND MOLECULAR DOCKING CALCULATIONS ON THE 1-(4-((4-(FURAN-2-YL)THIAZOL-2-YL)AMINO)PHENYL)ETHAN-1-ONE O-BENZYL OXIME DERIVATIVES**  
ERDOĞAN T.  
IMASCON, International Marmara Sciences Congress 2019 Autumn, Kocaeli, Turkey, 1 - 03 November 2019
- II. **INVESTIGATIONS ON THE 2-(BENZYLTHIO)-4-(FURAN-2-YL)THIAZOLE DERIVATIVES: A DFT AND MOLECULAR DOCKING STUDY**  
ERDOĞAN T.  
IMASCON, International Marmara Sciences Congress Autumn 2019, Kocaeli, Turkey, 1 - 03 November 2019
- III. **DFT and Molecular Docking Studies on Some Novel 1-phenyl-2-((5-phenyl-1,3,4-oxadiazol-2-yl)thio)ethan-1-one O-benzyl oxime Derivatives**  
ERDOĞAN T.

IMASCON2019Spring, Uluslararası Marmara Fen Bilimleri Kongresi - International Marmara Sciences Congress, Kocaeli, Turkey, 26 - 28 April 2019, pp.1007-1014

- IV. **COMPUTATIONAL INVESTIGATION OF BENZYL ETHERS DERIVED FROM CHALCONES: A COMPUTATIONAL AND MOLECULAR DOCKING STUDY**  
ERDOĞAN T., ÖZKURT SİVRİKAYA S.  
MAS4(2019), International Conference on Mathematics-Engineering-Natural and Medical Sciences-IV, Antalya, Turkey, 21 - 23 March 2019, pp.173-180
- V. **A COMPUTATIONAL AND MOLECULAR DOCKING STUDY ON 3-(BENZYLOXY)PENTA-1,4-DIENE-1,5-DIYL)DIBENZENE DERIVATIVES**  
ERDOĞAN T.  
MAS4(2019), International Conference on Mathematics-Engineering-Natural and Medical Sciences-IV, Antalya, Turkey, 21 - 23 March 2019, pp.114-123
- VI. **DFT AND MOLECULAR DOCKING CALCULATIONS ON THE 1,3,4-THIADIAZOLETHIOL SUBSTITUTED BENZYL ETHERS**  
ERDOĞAN T., ÖZKURT SİVRİKAYA S.  
MAS4(2019), International Conference on Mathematics-Engineering-Natural and Medical Sciences-IV, Antalya, Turkey, 21 - 23 March 2019, pp.181-189
- VII. **A DFT STUDY ON THE REACTIONS OF 5-PHENYL-1,3,4-OXADIAZOLE-2-THIOL WITH VARIOUS 2-BROMO-1-ARYLETHAN-1-ONE DERIVATIVES**  
ERDOĞAN T.  
MAS4(2019), International Conference on Mathematics-Engineering-Natural and Medical Sciences-IV, Antalya, Turkey, 21 - 23 March 2019, pp.124-135
- VIII. **İşletmedeki İş Sağlığı ve Güvenliği Yönünden Yüksek Riskli Departmanların Bulanık TOPSIS Yöntemiyle Belirlenmesi**  
İNCEL E., ERDOĞAN T.  
IMASCON-Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi 2018, Kocaeli, Turkey, 23 - 25 November 2018, pp.15
- IX. **An Experimental and Computational Study on Novel 1-Aryl-2-benzylidenehydrazine-1-carbothioamide Derivatives**  
ERDOĞAN T.  
ISTEC2018, International Science and Technology Conference, Paris, France, 18 - 20 July 2018, pp.90
- X. **Ultrasound Assisted Improved Synthesis of 5-(benzylthio)-1,3,4-thiadiazol-2-amine derivatives: An Experimental and Computational Study**  
ERDOĞAN T.  
ISTEC2018, International Science and Technology Conference, Paris, France, 18 - 20 July 2018, pp.655
- XI. **Synthesis of Some Novel 3-(4-chlorophenyl)-1-(4-methoxyphenyl)prop-2-en-1-one O-Benzyl oximes: An Experimental and Computational Study**  
ERDOĞAN T., ÖZKURT SİVRİKAYA S.  
ISTEC2018, International Science and Technology Conference, Paris, France, 18 - 20 July 2018, pp.591
- XII. **Synthesis of Some Novel 4-chloro-1'xx,6'xx-dihydro-[1,1'xx:3'xx,1'xx'xx-terphenyl]-5'xx(2'xxH)-one Obenzyl oximes: An Experimental and Computational Study**  
ERDOĞAN T., ÖZKURT SİVRİKAYA S.  
ISTEC2018, International Science and Technology Conference, Paris, France, 18 - 20 July 2018, pp.592
- XIII. **PATLAYICI ORTAMLARDAKİ İŞ KAZALARI VE BU ORTAMLARIN İŞ GÜVENLİĞİ AÇISINDAN DEĞERLENDİRİLMESİ**  
PEHLİVANOĞLU A., ERDOĞAN T.  
2nd International Congress on Occupational Safety and Security, Kocaeli, Turkey, 8 - 09 November 2017
- XIV. **Bazı Yeni 3-(4-klorofenil)-1-fenil-2-propen-1-on O-benzil Oksimlerin Sentezi Üzerine Deneysel ve Hesaplamalı Çalışma**  
ERDOĞAN T.  
IMSEC2017, 2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October

2017, pp.1950

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- XVII. **Adsorption of sunset yellow FCF onto MCM-41**  
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- XVIII. **An Experimental and Computational Study on the Synthesis of 1-(2-phenyl-2-(2-phenylhydrazineylidene)ethyl)-1H-imidazole**  
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- XX. **Adsorption of N<sub>2</sub> and CO<sub>2</sub> on Various Zeolites**  
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19. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005
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## Supported Projects

- I. ERDOĞAN T., Project Supported by Higher Education Institutions, BAZI YENİ N-(5-(arylthio)-1,3,4-thiadiazol-2-yl)-1-ARYLETHANİMİNE TÜREVLERİNİN İLK SENTEZİ VE MOLEKÜLER SİMÜLASYON ÇALIŞMALARI, 2018 - 2019
- II. ERDOĞAN T., Project Supported by Higher Education Institutions, BAZI YENİ 3-(MTHYLFURAN-2-YLN) -1-PHENYLPROP-2-EN-1-ONE O-BENZYL OXİME TÜREVLERİNİN SENTEZİ VE MOLEKÜLER SİMÜLASYON

## Scientific Refereeing

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- I. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, January 2024
- II. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, September 2023
- III. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, August 2023
- IV. Journal of scientific reports-A (Online), National Scientific Refreed Journal, May 2023
- V. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, Journal Indexed in SCI-E, February 2023
- VI. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, Journal Indexed in SCI-E, February 2023
- VII. CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, February 2023
- VIII. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, SCI Journal, December 2022
- IX. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, Journal Indexed in SCI-E, October 2022
- X. STRUCTURAL CHEMISTRY, SCI Journal, December 2021
- XI. JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, SCI Journal, December 2021
- XII. Karaelmas Journal of Occupational Health and Safety, Other Journals, July 2021
- XIII. European Journal of Chemistry, Other Indexed Journal, February 2021
- XIV. Karaelmas Journal of Occupational Health and Safety, Other Journals, May 2020

## Metrics

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Publication: 82  
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H-Index (WoS): 7  
H-Index (Scopus): 6

## Coaching Duties

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## Refereeing Duties

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## Non Academic Experience

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- I. ADEKA İLAÇ VE KİMYASAL ÜRÜNLER SAN. VE TİC. AŞ.