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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

- I. Undergraduate, Hoca Ahmet Yesevi Türk Kazak Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, Kazakistan 2014 - 2019
- II. Doctorate, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2005 - 2009
- III. Postgraduate, Bülent Ecevit Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2002 - 2005
- IV. Undergraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1997 - 2001

Certificates, Courses and Trainings

- 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

- 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 Çalışmalar, Bülent Ecevit Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2005

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. **Postgraduate**
 - I. PATLAYICI ORTAMLAR VE PATLAMADAN KORUNMA, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
 - II. Hesaplamalı Polimer Bilimi, Postgraduate, 2024 - 2025
 - III. BİLİMSEL ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
- II. **Undergraduate**
 - I. İLAÇ ÜRETİM TEKNOLOJİSİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
- III. **Associate Degree**
 - I. GENEL KİMYA 2, Associate Degree, 2024 - 2025, 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
 - II. İlaç Teknolojileri, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
 - III. GENEL KİMYA 1, Associate Degree, 2024 - 2025, 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
 - IV. TEMEL BİLGİ TEKNOLOJİLERİ KULLANIMI, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
 - V. Biyokimya İÖ, Associate Degree, 2018 - 2019, 2017 - 2018
 - VI. Biyokimya, Associate Degree, 2018 - 2019, 2017 - 2018
 - VII. Endüstriyel Kimya İÖ, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
 - VIII. 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 YÖNÜNDE İNCELENMESİ VE PATLAMADAN KORUNMA ÇALIŞMALARI, Postgraduate, Ö.YILMAZ(Student), 2019
- III. Erdoğan T., BİR METAL İŞLEME ATÖLYESİNDEKİ TEZGAHLARIN, MEVCUT STANDARTLARA GÖRE MAKİNE EMNİYETİ YÖNÜNDE DEĞERLENDİRİLMESİ, Postgraduate, Y.ERSÖZ(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessment of heat shock protein 90 and epidermal growth factor receptor inhibitory potential of natural compounds from *Calophyllum membranaceum* and *Leonurus sibiricus* via molecular dynamics simulations and binding free energy calculations**
Erdoğan T., Oguz Erdogan F.
MOLECULAR PHYSICS, 2025 (SCI-Expanded)
- II. **1,2,4-Triazole-derived oxime ether derivatives: Synthesis, characterization, in vitro tyrosinase inhibition properties and in silico studies**
Tahtaci H., Ozcan I., Mirghani A. H., Erdoğan T., Kisa D., Yıldırım B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1323, 2025 (SCI-Expanded)
- III. **Construction of selective and susceptible MIP-based electrochemical sensors for the determination of fosamprenavir: A comparative study between photopolymerization and electropolymerization technique**
Faysal A. A., Cetinkaya A., Erdoğan T., Ozkan S. A., Gölcü A.
ELECTROCHIMICA ACTA, vol.512, 2025 (SCI-Expanded)
- IV. **Comparative study of two MIP-based electrochemical sensors for selective detection and quantification of the antiretroviral drug lopinavir in human serum.**
Faysal A. A., Cetinkaya A., Erdoğan T., Ozkan S. A., Gölcü A.
TALANTA, vol.281, no.1, pp.126791, 2025 (SCI-Expanded)
- V. **Investigation of the ability of 3-((4-chloro-6-methyl pyrimidin-2-yl)amino) isobenzofuran-1(3H)-one to bind to double-stranded deoxyribonucleic acid**
Şenel P., Al Faysal A., Yılmaz Z., Erdoğan T., Odabaşoğlu M., Gölcü A.
PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, vol.23, no.11, pp.2107-2121, 2024 (SCI-Expanded)
- VI. **Quantitative Study on a Simple Electrochemical dsDNA-Pregabalin Biosensor; Multi-Spectroscopic, Molecular Docking and Modelling Studies**
Şenel P., Faysal A. A., Erdoğan T., Doğan M., Gölcü A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.116261, no.1, pp.1-10, 2024 (SCI-Expanded)
- VII. **Imidazole-Derived Alkyl and Aryl Ethers: Synthesis, Characterization, In Vitro Anticancer and Antioxidant Activities, Carbonic Anhydrase I-II Inhibition Properties, and In Silico Studies**
Faris M., Bostancı H. E., Özcan İ., Öztürk M., Koçyiğit Ü. M., Erdoğan T., Tahtaci H.
ACS OMEGA, vol.1, no.1, pp.1, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **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)

- X. **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)
- XI. **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 & DYNAMICS, vol.42, no.10, pp.5390-5401, 2024 (SCI-Expanded)
- XII. **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)
- XIII. ***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 & DYNAMICS, vol.41, no.6, pp.2448-2465, 2023 (SCI-Expanded)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **Synthesis & characterization of heterocyclic disazo - azomethine dyes and investigating their molecular docking & dynamics properties on acetylcholine esterase (AChE), heat shock protein (HSP90 α), 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)
- XX. **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 & BIOPHYSICS, no.1, pp.59-72, 2022 (SCI-Expanded)
- XXI. **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)

- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)ethanone O-propyloxime**
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, pp.1517-1527, 2009 (SCI-Expanded)
- XXXI. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)ethanone O-isopropyloxime**
Güven O. O., Erdogan T., Coles S. J., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, pp.1604-1614, 2009 (SCI-Expanded)
- XXXII. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)ethanone O-ethyloxime**
Güven O. O., Erdogan T., TAHIR M. N., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.65, pp.1621-1631, 2009 (SCI-Expanded)
- XXXIII. **1-[2-(2,6-Dichlorobenzoyloxy)-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)
- XXXIV. **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)

- XXXV. **1-[2-(4-Fluorobenzoyloxy)-2-phenylethyl]-1H-benzimidazole**
Güven O. O., Erdoğan T., Coles S. J., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXXVI. **1-[2-(3,4-dichlorobenzoyloxy)-2-phenylethyl]-1H-benzimidazole**
Güven O. O., Erdoğan T., Coles S. J., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXXVII. **2-(1H-benzimidazol-1-yl)-1-phenylethanone**
Güven O. O., Erdoğan T., Coles S. J., HÖKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.64, 2008 (SCI-Expanded)
- XXXVIII. **2-(1H-Benzimidazol-1-yl)-1-(furan-2-yl)-ethanone O-2,4-dichlorobenzoyloxime**
GÜEVEN O. O., Erdoğan T., CAYLAK N., HOEKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXXIX. **2-(1H-Benzimidazol-1-yl)-1-(2-furyl)-3-phenylpropan-1-one**
GÜEVEN O. O., Erdoğan T., CAYLAK N., HOEKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XL. **2-(1H-benzimidazol-1-yl)-1-phenylethanone oxime**
GÜEVEN O. O., Erdoğan T., CAYLAK N., HOEKELEK T.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XLI. **Synthesis and antimicrobial activity of some novel furyl and benzimidazole substituted benzyl ethers**
OZEL GUVEN O., Erdoğan T., GOKER H., YILDIZ S.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.44, no.3, pp.731-734, 2007 (SCI-Expanded)
- XLII. **Synthesis and antimicrobial activity of some novel phenyl and benzimidazole substituted benzyl ethers**
Güven O. O., Erdoğan T., Goker H., Yildiz S.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.17, no.8, pp.2233-2236, 2007 (SCI-Expanded)

Articles Published in Other Journals

- 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)

Papers Published in Refereed Scientific Meetings

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.

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ERDOĞAN T.
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- X. **Ultrasound Assisted Improved Synthesis of 5-(benzylthio)-1,3,4-thiadiazol-2-amine derivatives: An Experimental and Computational Study**
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- XI. **Synthesis of Some Novel 3-(4-chlorophenyl)-1-(4-methoxyphenyl)prop-2-en-1-one O-Benzyl oximes: An Experimental and Computational Study**
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- XIII. **PATLAYICI ORTAMLARDAKİ İŞ KAZALARI VE BU ORTAMLARIN İŞ GÜVENLİĞİ AÇISINDAN DEĞERLENDİRİLMESİ**
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- XV. **Kalkon Oksimlerin Sentezi İçin Mikrodalga Yardımlı Yeni Bir Metod Üzerinde Deneysel ve Hesaplamalı Bir Çalışma**
ERDOĞAN T., OĞUZ ERDOĞAN F.
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- XVII. **Adsorption of sunset yellow FCF onto MCM-41**
OĞUZ ERDOĞAN F., ERDOĞAN T.
ISTEC2017, International Science and Technology Conference, Berlin, Germany, 17 - 19 July 2017, pp.50-54
- XVIII. **An Experimental and Computational Study on the Synthesis of 1-(2-phenyl-2-(2-phenylhydrazineylidene)ethyl)-1H-imidazole**
ERDOĞAN T., OĞUZ ERDOĞAN F.
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- XIX. **Comparison of Cornelian Cherry Stones Activated Carbon with Carbon Nanotubes for Food Dye Adsorption**
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- XXI. **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**
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- XXVI. **Preparation of activated carbon from waste cherry stones by KOH and NaOH activations for hydrogen sorption**
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- XXVII. **Disperse Yellow 211 Boyasının Aktif Karbon Üzerinde Adsorpsiyon Kinetiğinin İncelenmesi**
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- XXVIII. **Mikrodalga Yöntemiyle Elde Edilen Aktif Karbonların Yüzey Özelliklerinin İncelenmesi**
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- XXIX. **Effect of pH and Temperature on the Adsorption of Textile Dye onto Nanotube**
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Metrics

Publication: 89
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Coaching Duties

Refereeing Duties

Non Academic Experience

- I. ADEKA İLAÇ VE KİMYASAL ÜRÜNLER SAN. VE TİC. AŞ., DEPARTMAN SORUMLUSU