

Asst. Prof. Erdem Ergan

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-8182-2020

Yoksis Researcher ID: 24114

Education Information

Undergraduate, Anadolu University, Open Education Faculty, Department Of Management Information Systems, Turkey
2018 - 2021

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 2012 - 2016

Postgraduate, Gaziantep University, Institute Of Science, Organik Kimya, Turkey 2008 - 2011

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, Çalışma ve Sosyal Güvenlik Bakanlığı-İş Sağlığı ve Güvenliği Genel Müdürlüğü, 2019

Occupational Health and Safety, C Sınıfı İş Güvenliği Uzmanlığı Belgesi, ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI - İŞ SAĞLIĞI VE GÜVENLİĞİ GENEL MÜDÜRLÜĞÜ, 2014

Dissertations

Doctorate, STEREOMERKEZE SAHİP ÇEŞİTLİ PİRİMİDİN BİLEŞİKLERİNİN MULTİKOMPONENT REAKSİYON YÖNTEMİ İLE SENTEZİ VE İLERİ KADEME REAKSİYONLARININ ARAŞTIRILMASI, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Organik Kimya, 2016

Postgraduate, N-(4-ASETİLFENİL)-3-NİTROBENZAMİT BİLEŞİĞİNDEN TÜREYEN YENİ ŞALKON TÜREVLERİNİN SENTEZİ, YAPI KARAKTERİZASYONU VE ANTİBAKTERİYAL AKTİVİTESİNİN İNCELENMESİ , Gaziantep University, Fen Bilimleri Enstitüsü, Organik Kimya , 2011

Research Areas

Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2018 - Continues

Assistant Professor, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2017 - 2018

Lecturer, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2013 - 2016

Academic and Administrative Experience

Head of Department, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2020 - Continues

Director of Vocational School, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, 2020 - Continues
Van Yüzüncü Yil University, Van Güvenlik Myo, 2016 - Continues

Advising Theses

Ergan E., Yeni tiyoksopirimidin bileşiğinden elde edilen tiyazol ve tiyazin türevi bileşiklerin sentezi, süstitüe aldehitlerle reaksiyonlarının araştırılması ve teorik olarak elektronik özelliklerinin incelenmesi, Postgraduate, D.TOZLU(Student), 2021

Jury Memberships

Post Graduate, Post Graduate, Van Yüzüncü Yil Üniversitesi, December, 2020

Academic Staff Examination, Academic Staff Examination, Van Yüzüncü Yil Üniversitesi, November, 2020

Post Graduate, Post Graduate, Van Yüzüncü Yil Üniversitesi, May, 2020

Post Graduate, Post Graduate, Van Yüzüncü Yil Üniversitesi, November, 2019

Post Graduate, Post Graduate, Van Yüzüncü Yil Üniversitesi, December, 2018

Post Graduate, Post Graduate, Bitlis Eren Üniversitesi, August, 2018

Post Graduate, Post Graduate, Van Yüzüncü Yil Üniversitesi, June, 2018

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yil Üniversitesi, January, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Molecular Hybrid Design, Synthesis, In Vitro Cytotoxicity, In Silico ADME and Molecular Docking Studies of New Benzoate Ester-Linked Arylsulfonyl Hydrazones**
Ergan E., Çakmak R., Başaran E., Mali S. N., AKKOÇ S., Annadurai S.
Molecules, vol.29, no.15, 2024 (SCI-Expanded)
- II. **Synthesis of new thiazine and thiazole derivatives via cyclization reactions; investigating their electronic properties and determination of antioxidant properties**
Ergan E., Tozlu D.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.59, no.9, pp.1651-1659, 2022 (SCI-Expanded)
- III. **Theoretical calculation of newly synthesized tetrazolopyrimidine derivatives as a potential corrosion inhibitor**
Ergan E., Şeker N., Akbaş B. Ç., Akbaş E.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.87, no.5, pp.575-587, 2022 (SCI-Expanded)
- IV. **Methylene blue adsorption from aqueous solution by functionalized perlites: an experimental and computational chemistry study**

Ergan E.

4 th INTERNATIONAL ACHARAKA CONGRESS ON LIFE, ENGINEERING, AND APPLIED SCIENCES, İzmir, Turkey, 15 - 18 July 2023, pp.66

II. Theoretical Calculation of Anti-corrosion Properties of 5-Aminotetrazole Schiff Bases Derivatives

Ergan E.

4TH INTERNATIONAL ACHARAKA CONGRESS ON LIFE, ENGINEERING, AND APPLIED SCIENCES, İzmir, Turkey, 15 - 18 July 2023, pp.67

III. STUDIES ON ELECTRONIC PROPERTIES OF OXADIAZOLE DERIVATIVES

Ergan E.

3. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2019, pp.751-754

IV. TİYAZOLO[3,2-a]PİRİMİDİN TÜREVLERİNİN KOROZYON ÖNLEME ÖZELLİKLERİNİN TEORİK OLARAK İNCELENMESİ

Ergan E., Akbaş E.

3. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2019, vol.3, pp.746-750

V. Computational Chemical Study of Experimental and Theoretical Investigation of Spectroscopic Properties of 5-benzoyl-6-phenyl-4-(4-methoxyphenyl)-1,2,3,4-tetrahydro-2-thioxopyrimidine

Ergan E., Akbaş E.

INTERNATIONAL CHEMISTRY & BIOLOGY CONFERENCE'19, Kafr-Ash-Shaykh, Egypt, 1 - 05 August 2019, pp.44

VI. Experimental and Theoretical Investigation of Spectroscopic Properties of (4-(2,4-dimethoxyphenyl)-6-phenyl-2-thioxo-1,2,3,4-tetrahydropyrimidin-5-yl)(phenyl)methanone

Ergan E., Tozlu D., Akbaş E.

INTERNATIONAL CHEMISTRY & BIOLOGY CONFERENCE'19, Kafr-Ash-Shaykh, Egypt, 1 - 05 August 2019, pp.39

VII. Comprehensive Chemical Calculation of Pyridine Derivatives

Akbaş E., Ergan E., Okay M., Şeker N.

Uluslararası Bilim ve Mühendislik Sempozyumu, Siirt, Turkey, 20 - 22 June 2019, pp.982-986

VIII. Studies on Theoretical Calculations of Corrosion Inhibition Behavior of Pyrazole Derivatives

Akbaş E., Ergan E.

INTERNATIONAL ENGINEERING AND SCIENCE SYMPOSIUM'19, Siirt, Turkey, 20 - 22 June 2019, pp.974-981

IX. Investigation of Electronic Properties of Pyrimidine Compounds Obtained by Multicomponent Reaction Method

Ergan E., Akbaş E.

INTERNATIONAL ENGINEERING AND SCIENCE SYMPOSIUM'19, Siirt, Turkey, 20 - 22 June 2019, pp.880-887

X. Studies on the Electronic Properties of Oxazole Derivatives

Akbaş E., Ergan E., Okay M.

International Engineering and Science Symposium, Siirt, Turkey, 20 - 22 June 2019, pp.917-921

XI. OCCUPATIONAL HEALTH AND SAFETY IN CHEMISTRY LABORATORY

Akbaş E., Ergan E.

International Conference on Research in Education and Science (ICRES), İzmir, Turkey, 28 April - 01 May 2019, pp.21

XII. SYNTHESIS OF PYRIMIDINE DERIVATIVES

Ergan E., Tozlu D., Akbaş E.

International Conference on Research in Education and Science (ICRES), İzmir, Turkey, 28 April - 01 May 2019, pp.1

XIII. Quantum Chemical Calculations for Corrosion Inhibition of Pyrimidine Derivatives

Akbaş E., Ergan E., Dönmez H.

International Conference on Research in Education and Science (ICRES), İzmir, Turkey, 28 April - 01 May 2019, vol.3, pp.142-147

XIV. Investigation of Electronic Properties of Substituted Pyrimidine Derivatives with Density Functional Theory

Ergan E., Akbaş E.

International Conference on Research in Education and Science (ICRES), İzmir, Turkey, 28 April - 01 May 2019, vol.1, pp.68-73

- XV. **Computational Chemical Study of Pyrimidine Derivatives as Anticorrosion Agents**
Tozlu D., Ergan E., Akbaş E.
CHEM.BIO.CON'18 INTERNATIONAL CHEMISTRY & BIOLOGY CONFERENCE'18, Sharm El Sheikh, Egypt, 11 - 14 July 2018, pp.13
- XVI. **Computational Chemical Study of the Mechanism of the Pyrimidine Derivatives**
Tozlu D., Ergan E., Akbaş E.
CHEM.BIO.CON'18 INTERNATIONAL CHEMISTRY & BIOLOGY CONFERENCE'18, Sharm El Sheikh, Egypt, 11 - 14 July 2018, pp.14
- XVII. **Chemical Calculations of Pyrimidine and Derivatives**
Akbaş E., Ergan E.
International Conference on Research in Education and Science (ICRES), Muğla, Turkey, 28 April - 01 May 2018, pp.31
- XVIII. **Corrosion Inhibition of Pyrimidine Derivatives From Computational Chemical Analysis**
Akbaş E., Ergan E.
International Conference on Research in Education and Science (ICRES), Muğla, Turkey, 28 April - 01 May 2018, pp.29
- XIX. **Synthesis of Newly Pyrimidine Derivatives**
Akbaş E., Ergan E.
International Conference on Research in Education and Science (ICRES), Muğla, Turkey, 28 April - 01 May 2018, pp.28
- XX. **Investigation of Pyrimidine Derivatives With Sodium Azide**
Ergan E., Akbaş E.
International Conference on Research in Education and Science (ICRES), Muğla, Turkey, 28 April - 01 May 2018, pp.30
- XXI. **Determination of Radical Scavenging Activities of Novel Pyrimidine Analogues**
Konus M., Akbaş E., Ergan E., Yılmaz C., ÇETİN D., Kızılkın N. D.
EurasianBioChem 2018, Ankara, Turkey, 26 - 27 April 2018, pp.896
- XXII. **Reducing Power Properties of Newly Synthesized Pyrimidine Derivatives**
Konus M., Akbaş E., Ergan E., Yılmaz C., Kızılkın N. D., ÇETİN D.
EurasianBioChem 2018, Ankara, Turkey, 26 - 27 April 2018, pp.212
- XXIII. **Synthesis, spectroscopic studies and calculation of 5-benzoyl-6-phenyl-4-(4-methylthiophenyl)-1,2,3,4-tetrahydro-2-thioxopyrimidine**
Akbaş E., Ergan E., Çakır m.
III. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.245
- XXIV. **Multicomponent cyclocondensation reaction of β -diketone, arylaldehyde and urea**
Akbaş E., Ergan E., Çakır M.
III. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.98
- XXV. **Synthesis and Evaluation of Antioxidant Activity of Some Pyrimidine compounds**
Akbaş E., Ekin S., Ergan E., Karakuş y., Şahin E.
III. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.319
- XXVI. **Novel one pot synthesis of thiazolo[3,2-a]pyrimidin and pyrimido [2,1-b][1,3]thiazin compounds**
Akbaş E., Ergan E., Çakır M.
III. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.57
- XXVII. **Synthesis, molecular structure and theoretical calculation of (2-imino-4-(4-(methylthio)phenyl)-6-phenyl-1,2,3,4-tetrahydropyrimidin-5-yl) (phenyl) methanone**

- Akbaş E., Ergan E., çakır m.
III. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.247
- XXVIII. **Synthesis of Some Novel Pyrimidine Derivatives, Investigation of Their Electrochemical Behavior and Study Some Structural Data for The Compounds Using Density Functional Theory (DFT).**
Akbaş E., Ergan E.
Third International Conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 25 - 28 May 2016, pp.34
- XXIX. **Tek Basamakta 3,5-Difenil-1H-Pirazol Bileşiğinin Sentezi ve In vitro Sitotoksik ve Oksidatif Etkilerinin Belirlenmesi**
Akbaş E., çelikezen f. ç., türkez h., özdemir ö., şahin e., Rüzgar A., Ergan E.
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016, pp.94
- XXX. **Study of the Eschenmoser Coupling Reaction With Dihydropyrimidine Compounds**
Akbaş E., Ergan E.
Trans Mediterranean Colloquium on Heterocyclic Chemistry, Antalya, Turkey, 12 - 15 November 2015, pp.78
- XXXI. **Synthesis of Dihydropyrimidine Compounds by Biginelli Reaction and Performing the Eschenmoser Coupling Reaction**
Akbaş E., Ergan E.
1st International Turkic World Conference on Chemical Sciences and Technologies, Saraybosna, Bosnia And Herzegovina, 27 October - 01 November 2015, pp.121
- XXXII. **Structural analysis of 3,5-diphenyl-1H-pyrazole obtained by acid catalyze reaction**
Akbaş E., Rüzgar A., Ergan E., şahin e.
INTERNATIONAL SYMPOSIUM ON MOLECULAR CHEMISTRY, İstanbul, Turkey, 18 - 19 December 2014, pp.55
- XXXIII. **THE SYNTHESIS OF NOVEL CHALCONE DERIVATIVES FROM N-(4- ACETYLPHENYL)-3-NITROBENZAMIDE AND THEIR STRUCTURAL CHARACTERIZATION**
Ergan E., oruç emre e. e., karaküçük iyidoğan a., kılıç i. h., işler d., özaslan m.
International Symposium on Drug Research and Development "From Chemistry to Medicine, Antalya, Turkey, 27 - 29 May 2011, pp.75

Supported Projects

- Ergan E., Project Supported by Higher Education Institutions, Pirimidin Türevlerinin Sentezi, 2019 - 2020
- Ergan E., Project Supported by Higher Education Institutions, Bazı tetrahidropirimidin bileşiklerinin spektroskopik (FT-IR) ve yapısal özelliklerinin teorik DFT (Density Functional Theory) yöntemiyle incelenmesi, 2018 - 2019
- Akbaş E., Ergan E., Project Supported by Higher Education Institutions, 1 2 3 4Tetrahidropirimidin Türevi Bileşiklerin Sentezi Spektroskopik Yöntemlerle Moleküler Yapılarının Aydınlatılması ve Teorik Hesaplamalarla Korozyon Önleyici Olarak Kullanılabilirliklerinin Araştırılması, 2018 - 2019
- Akbaş E., Kıvrak A., Ergan E., TUBITAK Project, Temel ve Uygulamalı Bilimlerde Araştırma Projesi Hazırlama ve Yürütme Süreçleri Eğitimi, 2018 - 2018
- Akbaş E., Ergan E., Project Supported by Higher Education Institutions, Stereomerkeze Sahip Çeşitli Pirimidin Bileşiklerinin Multikomponent Reaksiyon Yöntemi İle Sentezi Ve İleri Kademe Reaksiyonlarının Araştırılması, 2014 - 2016

Scientific Refereeing

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, October 2022

JOURNAL OF MOLECULAR MODELING, SCI Journal, October 2022

Project Supported by Higher Education Institutions, BAP Research Project, Van Yüzüncü Yil University, Turkey, August

2022

IĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, August 2021

Iranian Journal Of Chemistry & Chemical Engineering-International English Edition, SCI Journal, June 2021

IĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, June 2021

Project Supported by Higher Education Institutions, BAP Research Project, Mus Alparslan University, Turkey, February 2021

IĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, December 2020

JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, September 2020

ORGANIC COMMUNICATIONS, National Scientific Refreed Journal, August 2020

JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, SCI Journal, July 2019

Turkish Journal of Life Sciences , Other Indexed Journal, December 2018

Project Supported by Higher Education Institutions, December 2018

Turkish Journal of Life Sciences , Other Indexed Journal, July 2018

Turkish Journal of Life Sciences , Other Indexed Journal, December 2017

Turkish Journal of Life Sciences, Other Indexed Journal, December 2017

Metrics

Publication: 47

Citation (WoS): 33

Citation (Scopus): 50

H-Index (WoS): 4

H-Index (Scopus): 5

Congress and Symposium Activities

ANADOLU KONGRELERİ 3. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ, Attendee, Diyarbakır, Turkey, 2019

INTERNATIONAL CHEMISTRY & BIOLOGY CONFERENCE'19, Attendee, Egypt, 2019

INTERNATIONAL ENGINEERING AND SCIENCE SYMPOSIUM'19, Attendee, Siirt, Turkey, 2019

International Conference on Research in Education and Science (ICRES), Attendee, İzmir, Turkey, 2019

International Conference on Research in Education and Science (ICRES), Attendee, Muğla, Turkey, 2018

3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), Attendee, Muğla, Turkey, 2017

INTERNATIONAL SYMPOSIUM ON MOLECULAR CHEMISTRY, Attendee, İstanbul, Turkey, 2014

International Symposium on Drug Research and Development "From Chemistry to Medicine, Attendee, Antalya, Turkey, 2011

Non Academic Experience

GAZİANTEP EKOL DERSHANESİ

GAZİANTEP POZİTİF AYRINTI DERGİSİ DERSHANELERİ