

Assoc. Prof. ELİF KORKUSUZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABD-2503-2020

ScopusID: 60003217

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya , Turkey 2004 - 2011

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2001 - 2004

Dissertations

Doctorate, Furan-2,3-dion Türevi Bileşiklerin Çeşitli Azinlerle ve Hidroksil Aminlerle Reaksiyonlarının İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Bölümü, 2011

Postgraduate, 4-Benzoil-1,5-Difenil-1H-Pirazol-3-karboksilik Asit Klorürünün Bazı Ambident Nükleofillerle Reaksiyonları, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Organik Kimya, 2004

Research Areas

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

Academic Titles / Tasks

Associate Professor, Erciyes University, Kayseri Meslek Yüksekokulu, Otomotiv Teknolojisi, 2015 - Continues

Assistant Professor, Erciyes University, Kayseri Meslek Yüksekokulu, Otomotiv, 2011 - 2015

Research Assistant, Erciyes University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2002 - 2011

Academic and Administrative Experience

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2021 - Continues

Head of Department, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2021 - Continues

Kayseri Üniversitesi, Tomarza Mustafa Akıncıoğlu Meslek Yüksekokulu, 2018 - Continues

Farabi Coordinator, Kayseri University, Teknik Bilimler Meslek Yüksekokulu, 2018 - 2020

Academic Performance D. Board Member, Erciyes University, 2018 - 2020

Erciyes Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, 2013 - 2014

Erciyes Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2012 - 2014

Jury Memberships

Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2020

Appointment Academic Staff, Appointment Academic Staff, Kayseri University, July, 2020

Doctorate, Doctorate, Erciyes Üniversitesi, April, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multicomponent Reactions of Indoles with 1-Amino-5-aryl-4-aryl-1H-pyrimidin-2-ones / -thiones: One-pot Three Component Synthesis of Novel Gramine Analogues**
Aydın H., Korkusuz E., Yıldırım İ.
Letters In Organic Chemistry, vol.18, no.9, pp.703-709, 2021 (SCI-Expanded)
- II. **Reactivity of some pyrazol-3-carboxylic acid derivatives towards Grignard reagent**
KORKUSUZ E., YILDIRIM İ.
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, pp.152-159, 2017 (SCI-Expanded)
- III. **A Simple and Efficient Synthesis of Some Important Pyrazole Derivatives**
KORKUSUZ E., YILDIRIM İ.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.37, no.6, pp.1177-1184, 2015 (SCI-Expanded)
- IV. **A NOVEL SYNTHETIC APPROACH TOWARDS 1H-PYRAZOLE-5-CARBOXYLIC ACID DERIVATIVES USING 4-(4-METHYLBENZOYL)-5-(4-METHYLPHENYL)FURAN-2,3-DIONE**
Korkusuz E., YILDIRIM İ., ŞAHİN E.
HETEROCYCLES, vol.87, no.11, pp.2249-2266, 2013 (SCI-Expanded)
- V. **Synthesis of [3,3'-(4H,4'H)-Bi-2H-1,3-oxazine]-4,4'-diones and Their Hydrolysis**
Korkusuz E., YILDIRIM İ.
HELVETICA CHIMICA ACTA, vol.96, no.7, pp.1339-1347, 2013 (SCI-Expanded)
- VI. **An experimental and theoretical study on concomitant polymorphism of a dithiocarbonimidates derivate in a single space group**
Inkaya E., Dincer M., Sahan E., Korkusuz E., YILDIRIM İ., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1039, pp.179-188, 2013 (SCI-Expanded)
- VII. **Investigation of Some Functionalization Reactions of 4-Benzoyl-5-phenyl-1-(4-methoxyphenyl)-1H-pyrazole-3-carbonyl Chloride and Their Antimicrobial Activity**
Korkusuz E., YILDIRIM İ., ALBAYRAK S.
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.60, no.5, pp.516-525, 2013 (SCI-Expanded)
- VIII. **Synthesis, spectroscopic characterization and quantum chemical computational studies on 1-acetyl-3,5-di(4-methylphenyl)-1H-pyrazole**
Inkaya E., Dincer M., Korkusuz E., YILDIRIM İ., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1027, pp.133-139, 2012 (SCI-Expanded)
- IX. **Molecular structure of 4-benzoyl-3-ethylcarboxylate 1-(4-methoxyphenyl)-5-phenyl-1H-pyrazole: A combined experimental and theoretical study**
Inkaya E., Dincer M., Korkusuz E., YILDIRIM İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1013, pp.67-74, 2012 (SCI-Expanded)
- X. **On the Reactions of Furan-2,3-diones with Oxindole (=1,3-Dihydro-2H-indol-2-one) and Lawesson Reagent. Synthesis of New 1,3-Dihydro-2H-indol-2-ones, Bis-furanones, and Bis-pyrrolones**
Korkusuz E., YILDIRIM İ.

HELVETICA CHIMICA ACTA, vol.94, no.5, pp.801-810, 2011 (SCI-Expanded)

- XI. **Molecular structure and vibrational and chemical shift assignments of 6-(2-hydroxyethyl)-2,3,4-triphenyl-2,6-dihydro-7H-pyrazolo[3,4-d]pyridazin-7-one by DFT and ab initio HF calculations**
Demir S., Dincer M., Sahan E., Korkusuz E., YILDIRIM İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.985, pp.251-260, 2011 (SCI-Expanded)
- XII. **An experimental and theoretical approach to molecular structure of 4-benzoyl-5-phenyl-1-p-methoxyphenyl-1H-pyrazole-3-carboxylic acid methanol solvate**
Demir S., Dincer M., Korkusuz E., YILDIRIM İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.980, pp.1-6, 2010 (SCI-Expanded)
- XIII. **Synthesis and Reactions of 4-Benzoyl-1,5-diaryl-1H-pyrazole-3-carbonyl Chlorides with Various Semi- and Thiosemicarbazides**
Korkusuz E., YILDIRIM İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.47, no.2, pp.472-476, 2010 (SCI-Expanded)
- XIV. **Reactions of 4-benzoyl-1,5-diphenyl-1H-pyrazole-3-carboxylic acid chloride with various hydroxylamines and carbazates**
Korkusuz E., YILDIRIM İ.
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.6, pp.859-867, 2010 (SCI-Expanded)
- XV. **Cyclization Reactions of 1-Pyrimidinyl-3-Arylthiourea Derivatives with Oxalyl Dichloride**
Onal Z., Korkusuz E., İLHAN İ. Ö.
HETEROCYCLIC COMMUNICATIONS, vol.16, pp.79-83, 2010 (SCI-Expanded)
- XVI. **5-(4-Methylbenzoyl)-4-p-tolyl-1-(1-p-tolyethylideneamino)pyrimidin-2(1H)-one**
dincer M., Özdemir N., ÖNAL Z., Korkusuz E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- XVII. **Experimental and theoretical studies on the functionalization reactions of 4-benzoyl-1,5-diphenyl-1H-pyrazole-3-carboxylic acid and acid chloride with 2,3-diaminopyridine**
Yildirim I., Kandemirli F., Demir E.
MOLECULES, vol.10, no.3-5, pp.559-571, 2005 (SCI-Expanded)
- XVIII. **4-benzoyl-N-methyl-1,5-diphenyl-1H-pyrazole-3-carboxamide**
Dincer M., Ozdemir N., Yildirim I., Demir E., Isik S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- XIX. **2,3,4,6-Tetraphenyl-2H-pyrazolo[3,4-d]-pyridazin-7(6H)-one**
Dincer M., Ozdemir N., Yildirim I., Demir E., Akcamur Y., Isik S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)
- XX. **Methyl 4-benzoyl-1,5-diphenyl-1H-pyrazole-3-carboxylate**
Dincer M., Ozdemir N., Yildirim I., Demir E., Akcamur Y., Isik S.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **A convenient synthesis of functionalized 1H-pyrazole-5-carboxylic acids from 4-(4-methylbenzoyl)-5-(4-methylphenyl)furan-2,3-dione and 4-nitrophenylhydrazine**
Korkusuz E., Şahin E., Yıldırım I.
trends in organic chemistry, no.22, pp.53-69, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **4-(4-Metilbenzoil)-3-(4-Metilfenil)-1-(4-Nitrofenil)-1H-Pirazol-5-karboksilik Acid 'den pirazol-4-karboksilat ve pirazol-5-karboksilat Türevlerinin Sentezi**
Korkusuz E.

IMASCON 2021, Kocaeli, Turkey, 9 - 10 December 2021, pp.11-12

- II. **Synthesis and Some Reactions of 4-(4-Methylbenzoyl)-3-(4-Methylphenyl)-1-Pyridin-2-yl-1H-Pyrazole-5-Carboxylic Acid**
KORKUSUZ E.
1st international turkic world conference on chemical sciences and technologies, Saraybosna, Bosnia And Herzegovina, 27 October 2015
- III. **Investigation of Some Functionalization Reactions of 1-amino-5-aroyl-4-aryl-1H-pyrimidine-2-one/-thione compounds with dialkyl acetylenedicarboxylates and ethyl 2-chloroacetoacetate**
KORKUSUZ E.
The 25th ISHC Congress, California, United States Of America, 23 August 2015, pp.65
- IV. **ON THE REACTIONS OF CYCLIC OXALYL COMPOUNDS WITH 3-INDOLYL ACETATE AND 3-PHENYL-5-ISOXAZOLONE**
KORKUSUZ E., YILDIRIM I.
The 15th Asian Chemical Congress, Singapore, 01 August 2013
- V. **The First Synthesis of Some Important Pyrazole Derivatives**
KORKUSUZ E., YILDIRIM I.
44th World Chemistry Congress, Turkey, 01 August 2013
- VI. **"Investigation of Some Reactiones of 4-Benzoyl-5-Phenyl-1-(4-Methoxyphenyl)-1H-Pyrazole-3-Carbonyl Chloride"**
KORKUSUZ E., YILDIRIM İ.
Tetrahedron Symposium-Challenges in Bioorganic and Organic Medicinal Chemistry, Netherlands, 01 July 2012, pp.36
- VII. **Synthesis of Some Novel Pyrimidine Derivatives**
ŞAHAN E., KORKUSUZ E., YILDIRIM I.
7th Eurasian Meeting on Heterocyclic Chemistry (EAMHC), Turkey, 01 July 2012, pp.45
- VIII. **"Some New Reactions Of 4-Aroyl-5-Aryl-2,3-Furandiones"**
KORKUSUZ E., YILDIRIM İ.
7th Eurasian Meeting on Heterocyclic Chemistry (EAMHC), Turkey, 01 July 2012, pp.50
- IX. **Some Reactiones and Synthesis of 3,5-Diaryl Pyrazole Derivatives with New Method**
KORKUSUZ E., YILDIRIM I.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 01 July 2011
- X. **"Synthesis and Reactions of Some Pyrazole-3-Carboxylic Acid Derivatives with Grignard Reagent"**
KORKUSUZ E., YILDIRIM İ., Çapan İ.
Elevent Tetrahedron Symposium Frontiers of Organic Chemistry, China, 01 July 2010, pp.124
- XI. **Pirazol Karboksilik Asit Türevlerinin Tiyo ve Amino asit Türevleri ile Reaksiyonları**
KORKUSUZ E., YILDIRIM I.
XIX. Ulusal Kimya Kongresi, Zonguldak, Turkey, 01 June 2010
- XII. **4-Benzoil-1,5-Difenil-3-Pirazol Karboksilik Asit Klorürü'nden Çeşitli Diarilketon Türevlerinin Sentezi**
KORKUSUZ E.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 June 2009
- XIII. **4-(4-Metilbenzoil)-5-(4-Metilfenil)-1-(2,4-Dinitrofenil)-3-Pirazol Karboksilik Asit Klorürü'nün Sentezi Ve Bazı Reaksiyonları**
KORKUSUZ E.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 June 2009
- XIV. **"Studies on the Reactions of Cyclic Oxalyl Compounds with Oxindole and Lawesson Reagent"**
KORKUSUZ E., YILDIRIM İ.
16th European Symposium on Organic Chemistry (ESOC 2009), Czech Republic, 01 June 2009, pp.52
- XV. **"Synthesis and Some Reactions of 4-(4-Methylbenzoyl)-5-(4-Methylphenyl)-1-[4-Nitrophenyl]-1H-Pyrazole-3-Carboxylic Acid"**
KORKUSUZ E., YILDIRIM İ.
16th European Symposium on Organic Chemistry (ESOC 2009), Czech Republic, 01 June 2009, pp.87

- XVI. **4-Benzoil-1,5-difenil-3-pirazol Karboksilik Asit Klorürünün Hidroksilamin Türevleri ile Reaksiyonları**
KORKUSUZ E.
XXII. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kkct), 06 October 2008
- XVII. **4-Benzoil-1,5-Difenil-N-[[(4-Benzoil-1,5-Difenil-1H-Pirazol-3-İl) Karbonil]Amino]-4-Fenil-1H-Pirazol-3-Karboksamit Türevlerinin Reaksiyonları**
KORKUSUZ E.
XXII. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kkct), 06 October 2008
- XVIII. **4-Benzoil-1,5-difenil-3-pirazol Karboksilik Asit Klorürünün Semikarbazit Türevleriyle Reaksiyonları**
KORKUSUZ E.
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 September 2007
- XIX. **4-Benzoil-1,5-Difenil-3-Pirazol Karboksilik Asit ve -Klorürünün Bazı Aminofenollerle Reaksiyonları**
KORKUSUZ E.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 05 July 2004
- XX. **4-Benzoil-1,5-Difenil-3-Pirazol Karboksilik Asit ve Klörürünün Bazı Fenilendiaminlerle Tepkimeleri**
KORKUSUZ E.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 October 2002

Supported Projects

KORKUSUZ E., KUŞÇULU N., Project Supported by Higher Education Institutions, Farmakolojik Olarak Etkin Heterosiklik Bileşiklerin Sentezinde Kullanılacak Reaktifler Olarak Bisimidoildiklorür Türevlerinin Sentez Çalışmaları, 2020 - 2022
KUŞÇULU N., KORKUSUZ E., ÇADIR M., KILINÇER İ., Project Supported by Higher Education Institutions, Etidyum bromid DNA boyası yerine alternatif kimyasal ve doğal boyaların araştırılması, 2020 - 2022
KORKUSUZ E., YÜCE C., Project Supported by Higher Education Institutions, Pirimidin Türevi Aminlerin Çok Bileşenli Reaksiyonları ile Biyolojik Öneme Sahip Tiazolidin, Ditiolan, Tiazinan Türevi Bileşiklerin Sentezi, 2013 - 2018

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Yozgat Bozok University, Turkey, May 2020
Polycyclic Aromatic Compounds, SCI Journal, November 2018
Project Supported by Higher Education Institutions, January 2017
Project Supported by Higher Education Institutions, December 2016
Project Supported by Higher Education Institutions, September 2016

Metrics

Publication: 42
Citation (WoS): 130
Citation (Scopus): 123
H-Index (WoS): 7
H-Index (Scopus): 7

Congress and Symposium Activities

1st International Turkic World Conference on Chemical Sciences and Technologies, Bosna-Hersek, Attendee, Bosnia And Herzegovina, 2015
The 25th ISHC Congress, USA, Attendee, United States Of America, 2015
44th World Chemistry Congress, İstanbul, Attendee, Turkey, 2013

The 15th Asian Chemical Congress, Singapur, Attendee, Singapore, 2013
7th Eurasian Meeting on Heterocyclic Chemistry, İstanbul, Attendee, Turkey, 2012
13th Tetrahedron Symposium-Challenges in Bioorganic and Organic Medicinal Chemistry, Amsterdam, Attendee, Netherlands, 2012
1st Turkish Bruker Magnetic Resonance Workshop: NMR & EPR & MRI, Ankara, Attendee, Turkey, 2011
"2D NMR Spectroscopy Workshop" by Prof. Dr. Metin Balcı, Erzurum, Attendee, Turkey, 2011
25. Ulusal Kimya Kongresi, Erzurum, Attendee, Erzurum, Turkey, 2011
Elevent Tetrahedron Symposium Frontiers of Organic Chemistry, Pekin-Çin, Attendee, China, 2010
24. Ulusal Kimya Kongresi, Zonguldak, Attendee, Zonguldak, Turkey, 2010
16th European Symposium on Organic Chemistry , Praq, Attendee, Czech Republic, 2009
23. Ulusal Kşmya Kongresi, Sivas, Attendee, Sivas, Turkey, 2009
22. Ulusal Kimya Kongresi, Mağusa-KKTC, Attendee, Gazimagusa, Cyprus (Kkct), 2008
NMR Training Courses by Bruker, Attendee, Turkey, 2008
21. Ulusal Kimya Kongresi, Malatya, Attendee, Turkey, 2007
20. Ulusal Kimya Kongresi, Kayseri, Attendee, Turkey, 2006
18. Ulusal Kimya Kongresi, Kars, Attendee, Turkey, 2004
16. Ulusal Kimya Kongresi, Konya, Attendee, Turkey, 2002