

Prof. Halil Kütük

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: DCV-5818-2022

ScopusID: 6701793097

Yoksis Researcher ID: 4288

Education Information

Doctorate, University of Essex, Chemistry Department, England 1990 - 1994

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1987 - 1989

Undergraduate, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, The Synthesis and Mechanisms of Hydrolysis of Iminosulfonate Esters, University of Essex, Chemistry Department, 1994

Postgraduate, Nitratlı suların elektrik akımı ile denitrifikasyonu, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1989

Research Areas

Chemistry, Organic Chemistry

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 2009 - Continues

Associate Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 2003 - 2009

Assistant Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 1998 - 2003

Assistant Professor, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 1994 - 1998

Research Assistant, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 1987 - 1994

Academic and Administrative Experience

Ondokuz Mayıs University, 2017 - 2020
Ondokuz Mayıs University, 2017 - 2019
Ondokuz Mayıs University, 2016 - 2019
Ondokuz Mayıs University, 2008 - 2012
Ondokuz Mayıs University, 2005 - 2008

Courses

ORGANİK KİMYA LAB. II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016
TEZ YÖNETİMİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
ORGANİK TEPK.ÇÖZÜCÜ ETKİLERİ, Postgraduate, 2019 - 2020, 2013 - 2014
ORGANİK KİMYA, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
ORGANİK KİMYA LAB. I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
UZMANLIK ALAN DERSİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
KARBONİL GRUBU KİMYASI, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
ORGANİK TEPK.ÇÖZÜCÜ ETKİLERİ, Undergraduate, 2018 - 2019, 2017 - 2018
ORGANİK KİMYA I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Uzmanlık Alan Dersi I, Postgraduate, 2016 - 2017
Uzmanlık Alan Dersi I, Doctorate, 2016 - 2017
Tez Yönetimi, Doctorate, 2016 - 2017
TEMEL KİMYA, Undergraduate, 2015 - 2016, 2009 - 2010
ORGANİK KİMYA II, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
ORGANİK ANALİZ (SEÇ.), Undergraduate, 2014 - 2015
ORG.KİM.LAB.I(B) (EĞİTİM FAK.), Undergraduate, 2013 - 2014
UZMANLIK ALAN DERSİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
ORG.KİM.LAB.II(A) (EĞT.FAK.), Undergraduate, 2013 - 2014
ASİT FONKSİYONLARI, Doctorate, 2013 - 2014
POLİMER KİMYASINA GİRİŞ, Undergraduate, 2012 - 2013
ORGANİK ANALİZ (SEÇ.) II.ÖĞRT., Undergraduate, 2012 - 2013
ORGANİK ANALİZ (SEÇMELİ), Undergraduate, 2012 - 2013
ORGANİK KİMYA II (EĞİTİM FAK.), Undergraduate, 2011 - 2012
POLİMER KİM. GİRİŞ (SEÇMELİ), Undergraduate, 2011 - 2012
ORG.KİM.I (EĞİTİM FAK.), Undergraduate, 2011 - 2012

Advising Theses

Kütük H., Streptozotocin ile indüklenmiş diabetik rat modelinde Rheum ribes bitkisinin pankreas metabolizması üzerine etkisinin araştırılması, Doctorate, N.AMIRI(Student), 2021
Kütük H., Bazı n-(süstitüearil)süksinimit bileşiklerinin sentezi ve asit katalizli hidroliz mekanizmasının araştırılması, Postgraduate, S.SHAHABI(Student), 2020
Kütük H., Bazı asimetric Schiff bazlarının mikrodalga yardımıyla sentezi ve spektroskopik özellikleri, Postgraduate, F.YALINYİĞİT(Student), 2019
Kütük H., Allium scorodoprasum L. Subsp. rotundum (L.) STEARN bitkisinin antioksidan özelliklerinin tayini, Postgraduate, B.TAŞCI(Student), 2015
Kütük H., Bazı sülfenamit türevlerinin mikrodalga yardımıyla sentezi, Doctorate, H.YAKAN(Student), 2014
Kütük H., Bazı N-(4-süstitüefenil)ftalimit bileşiklerinin sentezi ve asit katalizli hidroliz mekanizmasının araştırılması,

Postgraduate, E.TOLGAY(Student), 2014

Kütük H., Bazı benzamit türevi bileşiklerin sentezi, moleküler yapılarının ve spektroskopik özelliklerinin incelenmesi, Doctorate, Ş.ÇAKMAK(Student), 2013

Kütük H., Arılsülfonilftalimitlerin sentezi ve bazı nükleofillerle reaksiyonları, Doctorate, S.ÖZTÜRK(Student), 2012

Kütük H., Disülfürlerin mikrodalga yardımıyla sentezi, Doctorate, N.TÜRKÖZ(Student), 2009

Kütük H., Sülfonilftalimitlerin sentezi ve bazı nükleofillerle reaksiyonları, Doctorate, Y.SOYDAŞ(Student), 2009

Kütük H., N-(4-sübstitüearil)ftalimitlerin sentezi ve asit katalizli hidroliz mekanizması, Postgraduate, H.YAKAN(Student), 2008

Kütük H., Bazı arılsülfonilftalimitlerin sentezi ve asit katalizli hidroliz mekanizmasının araştırılması, Postgraduate, S.TURNA(Student), 2006

Kütük H., Amidosülfidlerin sentezi, özellikleri ve asit katalizli hidroliz mekanizması, Postgraduate, N.TÜRKÖZ(Student), 2003

Kütük H., N-(4-sübstitüearılsülfonil)ftalimidlerin sentezi ve asit katalizli hidroliz mekanizması, Postgraduate, Y.SOYDAŞ(Student), 2000

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, January, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ondokuz Mayıs Üniversitesi, June, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ondokuz Mayıs Üniversitesi, January, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ondokuz Mayıs Üniversitesi, January, 2021

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, September, 2020

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, March, 2020

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ondokuz Mayıs Üniversitesi, February, 2020

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, August, 2019

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, March, 2019

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ondokuz Mayıs Üniversitesi, November, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, October, 2017

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ondokuz Mayıs Üniversitesi, February, 2016

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ondokuz Mayıs Üniversitesi, November, 2015

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, June, 2015

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, June, 2015

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, June, 2015

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ondokuz Mayıs Üniversitesi, January, 2015

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Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, November, 2014

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, October, 2014

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, September, 2014

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, March, 2014

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, March, 2014

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Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, January, 2014

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, September, 2013

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, September, 2013

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, September, 2013

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, September, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, June, 2013

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, February, 2013

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, February, 2013

Academic Staff Examination, Academic Staff Examination, Ondokuz Mayıs Üniversitesi, February, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ondokuz Mayıs Üniversitesi, January, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Inhibitory effects of sulfenimides on human and bovine carbonic anhydrase enzymes**
Yakan H., Bilir G., Çakmak Ş., Taş Ö., Türköz Karakullukçu N., Soydan E., Kütük H., Güçlü C., Şentürk M., Arslan T., et al.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.38, no.1, 2023 (SCI-Expanded)
- II. **Synthesis, structure elucidation, biological activity, enzyme inhibition and molecular docking studies of new Schiff bases based on 5-nitroisatin-thiocarbohydrazone**
Yakan H., Omer H. S., Buruk O., ÇAKMAK Ş., Marah S., VEYİSOĞLU A., MUĞLU H., Özen T., Kütük H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1277, 2023 (SCI-Expanded)
- III. **Kinetic Studies, Antioxidant Activities, Enzyme Inhibition Properties and Molecular Docking of 1,3-Dihydro-1,3-Dioxoisindole Derivatives**
Yakan H., Ozturk S., Uyar Tolgay E., Yenigun S., Marah S., Doruk T., Ozen T., Kutuk H.
ACTA CHIMICA SLOVENICA, vol.70, no.1, pp.29-43, 2023 (SCI-Expanded)
- IV. **Kinetics and Mechanisms of Acid-Catalyzed Hydrolysis of Some N-(4-Substitutedaryl) Succinimide Compounds**
Öztürk S., Shahabi S., Kütük H.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.44, no.2, pp.186-193, 2022 (SCI-Expanded)
- V. **Synthesis, Structural Investigation, Hirshfeld Surface Analysis, and Biological Evaluation of N-(3-Cyanothiophen-2-yl)-2-(thiophen-2yl)acetamide**
ÇAKMAK Ş., Kansiz S., Azam M., ERSANLI C. C., İDİL Ö., VEYİSOĞLU A., Yakan H., Kütük H., Chutia A.
ACS OMEGA, vol.7, no.13, pp.11320-11329, 2022 (SCI-Expanded)
- VI. **Experimental and theoretical investigations on a furan-2-carboxamide-bearing thiazole: synthesis, molecular characterization by IR/NMR/XRD, electronic characterization by DFT, Hirshfeld surface analysis and biological activity**
ÇAKMAK Ş., Kirca B. K., VEYİSOĞLU A., Yakan H., ERSANLI C. C., Kütük H.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.78, pp.201-216, 2022 (SCI-Expanded)
- VII. **Synthesis, characterization, antioxidant, and antibacterial activities of new 2,3-dimethoxy and 3-acetoxy-2-methyl benzamides**
Yakan H., ÇAKMAK Ş., Kütük H., Yenigun S., Özen T.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.46, no.5, pp.2767-2787, 2020 (SCI-Expanded)

- VIII. **Two new benzamides: Synthesis, spectroscopic characterization, X-ray diffraction, and electronic structure analyses**
Kirca B. K., ÇAKMAK Ş., Yakan H., ODABAŞOĞLU M., Buyukgungor O., Kütük H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1203, 2020 (SCI-Expanded)
- IX. **Phthalocyanines with bromobenzenesulfanyl substituents at non-peripheral position: Preparation, photophysical and photochemical properties**
YAŞA ATMACA G., Yakan H., Kütük H., NEBİOĞLU M., Guzel E., ERDOĞMUŞ A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, no.7-8, pp.821-827, 2019 (SCI-Expanded)
- X. **Comparison of conventional and microwave-assisted synthesis of some new sulfenamides under free catalyst and ligand**
Yakan H., Kütük H.
MONATSHFTE FÜR CHEMIE, vol.149, no.11, pp.2047-2057, 2018 (SCI-Expanded)
- XI. **Crystal and Molecular Structure of N-(Phenylthio)phthalimide(1)**
TANAK H., Yakan H., Kütük H., Türköz Karakullukçu N., DEGE N.
CRYSTALLOGRAPHY REPORTS, vol.63, no.3, pp.379-381, 2018 (SCI-Expanded)
- XII. **Synthesis and characterization of 3-acetoxy-2-methyl-N-(phenyl) benzamide and 3-acetoxy-2-methyl-N-(4-methylphenyl)benzamide**
Kirca B. K., ÇAKMAK Ş., Kütük H., ODABAŞOĞLU M., Buyukgungor O.
JOURNAL OF MOLECULAR STRUCTURE, vol.1151, pp.191-197, 2018 (SCI-Expanded)
- XIII. **Spectroscopic Properties and Preparation of Some 2,3-Dimethoxybenzamide Derivatives**
ÇAKMAK Ş., Kütük H., ODABAŞOĞLU M., Yakan H., Buyukgungor O.
LETTERS IN ORGANIC CHEMISTRY, vol.13, no.3, pp.181-194, 2016 (SCI-Expanded)
- XIV. **A novel 3-acetoxy-2-methyl-N-(4-methoxyphenyl)benzamide: Molecular structural describe, antioxidant activity with use X-ray diffractions and DFT calculations**
DEMİR S., ÇAKMAK Ş., DEGE N., Kütük H., ODABAŞOĞLU M., KEPEKÇİ R. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1100, pp.582-591, 2015 (SCI-Expanded)
- XV. **Investigation of the acid-catalyzed hydrolysis and reaction mechanisms of N,N '-diarylsulfamides using various criteria**
Bekdemir Y., ERTÜRK A. G., Kütük H.
JOURNAL OF PHYSICAL ORGANIC CHEMISTRY, vol.27, no.2, pp.94-98, 2014 (SCI-Expanded)
- XVI. **CHARACTERIZATION AND COMPARATIVE STUDIES ON CONVENTIONAL AND MICROWAVE SYNTHESIS OF SOME DISULFIDES**
Türköz Karakullukçu N., Yakan H., Öztürk S., Kütük H.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.188, no.11, pp.1576-1583, 2013 (SCI-Expanded)
- XVII. **THE SYNTHESIS AND ACID-CATALYZED HYDROLYSIS OF N-(4-SUBSTITUTEDPHENYL)-O-BENZENEDISULFONIMIDES**
Bekdemir Y., EREN B., Kütük H.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.187, no.6, pp.689-696, 2012 (SCI-Expanded)
- XVIII. **THE MECHANISMS OF ACID-CATALYZED HYDROLYSIS OF N-(4-SUBSTITUTED ARYLTHIO) PHTHALIMIDES**
Kütük H., Yakan H.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.186, no.7, pp.1460-1469, 2011 (SCI-Expanded)
- XIX. **MICROWAVE-ASSISTED SYNTHESIS OF DISULFIDES**
Kütük H., Türköz Karakullukçu N.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.186, no.7, pp.1515-1522, 2011 (SCI-Expanded)
- XX. **THE SYNTHESIS OF SULFINYLPHTHALIMIDES AND THEIR REACTIONS WITH SOME NUCLEOPHILES IN DIOXANE**

Bozkurt Y. S., Kütük H.

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.186, no.11, pp.2250-2257, 2011 (SCI-Expanded)

- XXI. **Crystal Structure and DFT Calculations of Two Derivatives of Phthalimide.**
Yazici S., Türköz Karakullukçu N., Kütük H., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (SCI-Expanded)
- XXII. **A Kinetic Study of Acid-Catalyzed Hydrolysis of Some Arylsulfonyl Phthalimides**
Kütük H., Öztürk S.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.184, no.2, pp.332-340, 2009 (SCI-Expanded)
- XXIII. **N-[(4-Methylphenyl)sulfanyl]phthalimide**
Yazici S., Turkoz N., Kutuk H., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (SCI-Expanded)
- XXIV. **N-(p-methoxyphenylsulfanyl)phthalimide**
Yazici S., Turkoz N., Kutuk H., Senel I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (SCI-Expanded)
- XXV. **The synthesis and substituent effect of the acid catalyzed hydrolysis of amidosulfites**
Kutuk H., Bekdemir Y., Turkoz N.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.181, no.4, pp.931-937, 2006 (SCI-Expanded)
- XXVI. **Spectrophotometric flow-injection analysis of mercury(II) in pharmaceuticals with p-nitrobenzoxosulfamate**
Andaç M., Asan A., Bekdemir Y., Kutuk H., IŞILDAK İ.
TALANTA, vol.60, no.1, pp.191-197, 2003 (SCI-Expanded)
- XXVII. **Acid-catalysed hydrolysis of some aromatic cyclic sulfamates**
Bekdemir Y., Kütük H., Celik S., Tillett J. G.
Phosphorus, Sulfur and Silicon and Related Elements, vol.177, no.4, pp.973-980, 2002 (SCI-Expanded)
- XXVIII. **Bis(p-nitrobenzoxasulfamato) complexes of cadmium(II) and mercury(II) - Synthesis, spectra, and x-ray crystal structures**
YILMAZ V. T., Yazicilar T. K., Andaç Ö., Kütük H., Bekdemir Y., Harrison W. T. A.
Zeitschrift fur Anorganische und Allgemeine Chemie, vol.628, no.8, pp.1908-1912, 2002 (SCI-Expanded)
- XXIX. **The first metal complex of p-nitrobenzoxasulfamate. Synthesis, spectral and structural characterization of triaquabis(p-nitrobenzoxasulfamato)copper(II) monohydrate**
YILMAZ V. T., Andaç Ö., Yazicilar T. K., Kütük H., Bekdemir Y., Harrison W. T.
Journal of Molecular Structure, vol.608, no.1, pp.71-76, 2002 (SCI-Expanded)
- XXX. **Crystal structure, spectral and thermal properties of potassium p-nitrobenzoxasulfamate monohydrate**
Bekdemir Y., Kütük H., Celik S., YILMAZ V. T., Thoene C.
Journal of Molecular Structure, vol.604, no.2-3, pp.239-244, 2002 (SCI-Expanded)
- XXXI. **Sodium p-nitrobenzoxasulfamate monohydrate**
Yazicilar T. K., Andaç Ö., Bekdemir Y., Kütük H., YILMAZ V. T., Harrison W. T.
Acta Crystallographica Section C: Crystal Structure Communications, vol.58, no.1, 2002 (SCI-Expanded)
- XXXII. **Kinetics and mechanisms of the acid-catalyzed hydrolyses of N-(4-substituted-arylsulfinyl)phthalimides**
Kütük H., Bekdemir Y., Soydas Y.
Journal of Physical Organic Chemistry, vol.14, no.4, pp.224-228, 2001 (SCI-Expanded)
- XXXIII. **Solvent effects on the solvolyses of N-benzoyl-arenesulfonimidoyl chlorides**
Kutuk H., Tillett J. G.
Phosphorus, Sulfur and Silicon and Related Elements, vol.175, pp.35-47, 2001 (SCI-Expanded)
- XXXIV. **Solvent effects on the alkaline hydrolyses of 4-nitrophenyl N-aroyle-areneiminosulfonates**
Kütük H., Tillett J. G.

Articles Published in Other Journals

- I. **Investigation of Acid-Catalyzed Hydrolysis of 4-Nitrophenyl-N-Acetyl-4-Methylbenzenesulfonimide in Dioxane-Water Solutions**
Öztürk S., Kütük H.
El-Cezeri: Journal of Science and Engineering, vol.10, no.3, pp.526-537, 2023 (Scopus)
- II. **Synthesis, crystal structure, spectroscopic features and Hirshfeld surfaces of 2-methyl-3-[(2-methylphenyl)carbamoyl]phenyl acetate**
Yaman M., ÇAKMAK Ş., DEGE N., ODABAŞOĞLU M., Pavlenko V. A., Kütük H.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.75, pp.423-435, 2019 (ESCI)
- III. **Antioxidant Activity of Allium scorodoprasum L. subsp. rotundum (L.) STEARN Plant Grown in Turkey**
Taşcı B., Kütük H., Koca İ.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.7, no.10, pp.1561-1567, 2019 (Peer-Reviewed Journal)
- IV. **Crystal Structure of 3-Acetoxy-2-methyl-N-(4-nitrophenyl)benzamide**
Kansız S., ÇAKMAK Ş., DEGE N., Meral G., Kütük H.
X-RAY STRUCTURE ANALYSIS ONLINE, vol.34, pp.17-18, 2018 (ESCI)
- V. **Synthesis of some symmetric disulfides from thiophthalimides and amines under microwave irradiation**
Yakan H., Türköz Karakullukçu N., Çakmak Ş., Kütük H.
RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT, vol.22, no.4, pp.45-54, 2018 (Scopus)
- VI. **Synthesis of some symmetric disulfides from thiophthalimides and amines under microwave irradiation**
Yakan H., Karakullukcu N. T., Cakmak S., Kutuk H.
Research Journal of Chemistry and Environment, vol.22, no.4, pp.45-54, 2018 (Scopus)
- VII. **Crystal structure of 2,3-dimethoxy-N-(4-nitrophenyl)benzamide**
Yaman M., Almarhoon Z. M., ÇAKMAK Ş., Kütük H., Meral G., DEGE N.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.74, pp.41-49, 2018 (ESCI)
- VIII. **Kinetics and mechanisms of the acid-catalysed hydrolyses of 4-nitrophenyl- n-aroyle-areneiminosulphonates**
Kütük H., Tillett J.
Phosphorus, Sulfur, and Silicon and the Related Elements, vol.85, no.1-4, pp.217-224, 1993 (Scopus)

Books & Book Chapters

- I. **Volume 2: Synthesis, Characterizations and Properties**
YAŞA ATMACA G., YAKAN H., KÜTÜK H., NEBİOĞLU M., GÜZEL E., ERDOĞMUŞ A.
in: Porphyrin Science By Women, Fabienne Dumoulin, Tebello Nyokong, Penelope J Brothers, Editor, World Scientific Publishing Co., pp.630-636, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **The synthesis and mechanism of acid-catalysed hydrolysis of some N-(arylsubstituted)succinimides**
Shahabi S., ÖZTÜRK S., YAKAN H., KÜTÜK H.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020

- II. **Synthesis of some imines from 5-substituted aldehydes under microwave irradiation**
YAKAN H., YALINYIĞİT F., KÜTÜK H.
International Congress on Fundamental and Applied Sciences (ICFAS 2017), Sarajevo, Bosnia And Herzegovina, 21 - 25 August 2017
- III. **Investigation of the acid catalyzed hydrolysis and reaction mechanism of N-(4-substitutedaryl) phthalimides**
YAKAN H., TOLGAY E., KÜTÜK H.
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- IV. **Crystal Structure and DFT Calculations of Two Derivatives of Phthalimide**
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