

Prof. İRFAN ACAR

Personal Information

Office Phone: [+90 462 377 8454](tel:+904623778454)

Fax Phone: [+90 462 771 7251](tel:+904627717251)

Email: iacar@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//iacar>

Address: Karadeniz Teknik Üniversitesi Of Teknoloji Fakültesi Enerji Sistemleri Mühendisliği Bölümü Çamlı Mah. Hacı Mehmet Baheddin Ulusoy Cad. No:144 61830 Of / TRABZON

International Researcher IDs

ORCID: 0000-0003-4570-5023

Publons / Web Of Science ResearcherID: AAT-6483-2020

Yoksis Researcher ID: 42145

Education Information

Doctorate, Karadeniz Technical University, -, Kimya, Turkey 2002 - 2009

Postgraduate, Karadeniz Technical University, -, Kimya, Turkey 1999 - 2002

Undergraduate, Ondokuz Mayıs University, Fen Edebiyat Fakültesi, Kimya, Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Fen Bilimlerinde Araştırma Projesi Hazırlama Eğitimi, Karadeniz Teknik Üniversitesi, 2014

Education Management and Planning, Bilgilendirme ve Eğitim Semineri, TÜBİTAK, 2012

Education Management and Planning, Yazarlık Yazılımı Kursu, Trabzon Milli Eğitim Müdürlüğü, 2009

Education Management and Planning, Eğitimde Çoklu Zeka Uygulamaları Semineri, Trabzon Milli Eğitim Müdürlüğü, 2007

Education Management and Planning, Ölçme Değerlendirme Semineri, Trabzon Milli Eğitim Müdürlüğü, 2007

Education Management and Planning, Temel Bilgisayar ve ÖSYM işlemleri, ÖSYM, 2005

Education Management and Planning, Öğretimde Rehberlik Hizmetleri, Rize İl Milli Eğitim Müdürlüğü, 2002

Education Management and Planning, Fen Bilimleri Eğitiminde Çağdaş Yaklaşımlar, Rize İl Milli Eğitim Müdürlüğü, 2002

Dissertations

Doctorate, Yeni Tip Periferel Sübstitue Ftalosyaninlerin Sentezi ve Karakterizasyonu, Karadeniz Technical University, -, Kimya, 2009

Postgraduate, Karışık Donörlü Makrosiklik Halka İçeren (E,E)-Dioksim ve Kompleks Formasyonlarının Sentezi ve Karakterizasyonu, Karadeniz Technical University, -, Kimya, 2002

Research Areas

Chemistry, Inorganic Chemistry, Transition Metals, Coordination Chemistry, Solid-State Chemistry, Novel Ligands, Natural Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği, 2018 - Continues
Associate Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği, 2012 - 2018
Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, Ağaç İşleri Endüstri Mühendisliği, 2011 - 2012

Academic and Administrative Experience

Karadeniz Technical University, Of Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği, 2018 - Continues
Karadeniz Technical University, Enerji Sistemleri Mühendisliği, 2014 - 2018
Karadeniz Technical University, Enerji Sistemleri Mühendisliği, 2013 - 2014

Courses

Moleküler Simetrinin Uygulamaları, Doctorate, 2015 - 2016, 2013 - 2014
Termokimya, Undergraduate, 2015 - 2016
Temel Kimya, Undergraduate, 2015 - 2016, 2013 - 2014
Kimya, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Metal Bileşimlerinin Simetrik Özellikleri, Doctorate, 2012 - 2013
Temel Kimya, Undergraduate, 2011 - 2012

Advising Theses

ACAR İ., Flor Fonksiyon Grupları İçeren Periferik Tetra Süstitüe Kobalt Ftalosiyanimlerin Sentezi, Karakterizasyonu ve Katalitik Aktiviteleri, Doctorate, A.AKTAŞ(Student), 2016

Jury Memberships

Post Graduate, Tez Savunma Jürisi, Recep Tayyip Erdoğan Üniversitesi, February, 2018
Post Graduate, Yüksek Lisans Tez Savunması, Recep Tayyip Erdoğan Üniversitesi, July, 2016
Post Graduate, Yüksek Lisans Tez Savunması, Recep Tayyip Erdoğan Üniversitesi, May, 2016
Appointment to Academic Staff-Assistant Professorship, Akademik Kadroya Atama Jürisi, Karadeniz Teknik Üniversitesi, June, 2014
Post Graduate, Yüksek Lisans Tez Savunması, Karadeniz Teknik Üniversitesi, June, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- Chlorine-Thymol Substituted Silicon (IV) Phthalocyanines: Synthesis, Characterization, and In Vitro Acetylcholinesterase (AChE)/Butyrylcholinesterase (BChE) Inhibitory Effect**
Kamiloğlu A. A., Arslan T., Tekin A., Kantekin H., Acar İ.

APPLIED ORGANOMETALLIC CHEMISTRY, 2024 (SCI-Expanded)

- II. **Synthesis, spectroscopic, and photophysicochemical behavior of Zn(II) and Mg(II) phthalocyanine-chalcone conjugates**
Kamiloglu A. A., Yalazan H., Durmus M., Celik G., Omero I., ACAR İ., KANTEKİN H.
JOURNAL OF COORDINATION CHEMISTRY, vol.74, no.15, pp.2491-2507, 2021 (SCI-Expanded)
- III. **New chalcone-substituted metallophthalocyanines: Synthesis, characterization, and investigation of their properties**
Kamiloglu A. A., Karaca H., Celik G., ACAR İ., KANTEKİN H.
JOURNAL OF CHEMICAL RESEARCH, vol.44, pp.367-375, 2020 (SCI-Expanded)
- IV. **Octa- and tetra-substituted phthalocyanines with methoxyeugenol group: synthesis, characterization and in vitro antimicrobial activity**
Kamiloglu A. A., Direkel S., Yalazan H., KANTEKİN H., ACAR İ.
JOURNAL OF COORDINATION CHEMISTRY, vol.73, no.7, pp.1177-1190, 2020 (SCI-Expanded)
- V. **Synthesis and investigation of spectroelectrochemical properties of peripherally tetra-substituted phthalocyanine bearing 3-(4-[[3-(trifluoromethyl)benzyl]oxy]phenyl)propan-1-ol and its metallo compounds**
KAMILOĞLU A. A., Akyuz D., KOCA A., ACAR İ.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.92, pp.223-235, 2018 (SCI-Expanded)
- VI. **Synthesis and electrochemical properties of new metal-free and metallophthalocyanines bearing 2,6-dimethylquinoline-4-yl derivatives**
KAMILOĞLU A. A., ACAR İ., BIYIKLIOĞLU Z.
POLYHEDRON, vol.137, pp.10-16, 2017 (SCI-Expanded)
- VII. **Novel peripherally tetra substituted metal-free, cobalt(II), copper(II) and manganese(III) phthalocyanines bearing polyethoxy chain attached by 2,6-diphenylphenol groups: synthesis, characterization and their electrochemical studies**
KAMILOĞLU A. A., ACAR İ., BIYIKLIOĞLU Z.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.88, pp.219-228, 2017 (SCI-Expanded)
- VIII. **Peripherally tetra-{2-(2,3,5,6-tetrafluorophenoxy)ethoxy} substituted cobalt(II), iron(II) metallophthalocyanines: Synthesis and their electrochemical, catalytic activity studies**
KAMILOĞLU A. A., ACAR İ., BIYIKLIOĞLU Z., SAKA E. T.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.828, pp.59-67, 2017 (SCI-Expanded)
- IX. **1,2,4-triazole-5(4H)-one based novel peripherally tetrasubstituted metal-free and metallophthalocyanines: Synthesis, characterization, and electrochemical and spectroelectrochemical properties**
AKTAS A., UENLUEER D., Kobak R. Z. U., ACAR İ., DUGDU E., KOCA A., KANTEKİN H.
INORGANIC AND NANO-METAL CHEMISTRY, vol.47, no.6, pp.830-840, 2017 (SCI-Expanded)
- X. **Fluoro functional groups substituted cobalt(II), iron(II) phthalocyanines and their catalytic properties on benzyl alcohol oxidation**
AKTAS A., ACAR İ., SAKA E. T., BIYIKLIOĞLU Z., KANTEKİN H.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.86, pp.183-190, 2016 (SCI-Expanded)
- XI. **Peripherally tetra-{2-(2,3,5,6-tetrafluorophenoxy)ethoxy} substituted cobalt(II), iron(II) metallophthalocyanines: Synthesis and their electrochemical, catalytic activity studies**
Aktaş A., ACAR İ., BIYIKLIOĞLU Z., SAKA E. T.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.828, pp.59-67, 2016 (SCI-Expanded)
- XII. **Synthesis of polyfluoro substituted Co(II), Fe(II) phthalocyanines and their usage as catalysts for aerobic oxidation of benzyl alcohol**
Aktas A., ACAR İ., SAKA E. T., BIYIKLIOĞLU Z.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, pp.1-7, 2016 (SCI-Expanded)
- XIII. **Synthesis and electrochemistry of new octa-substituted metal-free and metallophthalocyanines**
ACAR İ., SAKA E. T., Topçu S., BIYIKLIOĞLU Z., KANTEKİN H.
JOURNAL OF COORDINATION CHEMISTRY, vol.68, pp.1847-1858, 2015 (SCI-Expanded)

- XIV. **Synthesis and electrochemistry of new octa-substituted metal-free and metallophthalocyanines**
ACAR İ., SAKA E. T., Topcu S., BIYIKLIOĞLU Z., KANTEKİN H., AKTAS A.
JOURNAL OF COORDINATION CHEMISTRY, vol.68, no.10, pp.1847-1858, 2015 (SCI-Expanded)
- XV. **Synthesis, electrochemistry of metal-free, copper, titanium phthalocyanines and investigation of catalytic activity of cobalt, iron phthalocyanines on benzyl alcohol oxidation bearing 4-{2-[3-trifluoromethyl]phenoxy]ethoxy} groups**
AKTAS A., ACAR İ., BIYIKHOGLU Z., SAKA E. T., KANTEKİN H.
SYNTHETIC METALS, vol.198, pp.212-220, 2014 (SCI-Expanded)
- XVI. **Synthesis and electrochemistry of metallophthalocyanines bearing {4-[(2E)-3-(3,4,5-trimethoxyphenyl)prop-2-enoyl]phenoxy} groups**
ACAR İ., Arslan T., Topu S., AKTAŞ A., Sen S., Serencam H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.752, pp.25-29, 2014 (SCI-Expanded)
- XVII. **Synthesis, characterization, electrochemical and spectroelectrochemical properties of peripherally tetra-substituted metal-free and metallophthalocyanines**
AKTAS A., ACAR İ., KOCA A., BIYIKLIOĞLU Z., KANTEKİN H.
DYES AND PIGMENTS, vol.99, no.3, pp.613-619, 2013 (SCI-Expanded)
- XVIII. **Investigation of catalytic activity of new Co(II) phthalocyanine complexes in cyclohexene oxidation using different type of oxidants**
AKTAS A., SAKA E. T., BIYIKLIOĞLU Z., ACAR İ., KANTEKİN H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.745, pp.18-24, 2013 (SCI-Expanded)
- XIX. **Synthesis, characterisation and electrochemical investigation of phthalocyanines with pendant 4-{2-[2-(4-tert-butylphenoxy)ethoxy]ethoxy} substituents**
ACAR İ., Topcu S., BIYIKLIOĞLU Z., KANTEKİN H.
COLORATION TECHNOLOGY, vol.129, no.4, pp.259-266, 2013 (SCI-Expanded)
- XX. **Synthesis and characterization of peripheral and non-peripheral substituted Co(II) phthalocyanines and their catalytic activity in styrene oxidation**
SAKA E. T., ACAR İ., BIYIKLIOĞLU Z., KANTEKİN H., Kani I.
SYNTHETIC METALS, vol.169, pp.12-17, 2013 (SCI-Expanded)
- XXI. **Novel metal-free, metallophthalocyanines and their quaternized derivatives: Synthesis, spectroscopic characterization and catalytic activity of cobalt phthalocyanine in 4-nitrophenol oxidation**
ACAR İ., BAYRAK R., SAKA E. T., BIYIKLIOĞLU Z., KANTEKİN H.
POLYHEDRON, vol.50, no.1, pp.345-353, 2013 (SCI-Expanded)
- XXII. **Novel peripherally tetra-substituted octacationic metal-free and metallophthalocyanines: Synthesis, spectroscopic characterization and aggregation behaviours**
ACAR İ., ÇAKIR V., BIYIKLIOĞLU Z., KANTEKİN H.
SYNTHETIC METALS, vol.162, pp.1546-1557, 2012 (SCI-Expanded)
- XXIII. **Peripheral and non-peripheral long-chain tetrasubstituted phthalocyanines: Synthesis, spectroscopic characterization and aggregation properties**
BIYIKLIOĞLU Z., ACAR İ.
SYNTHETIC METALS, vol.162, pp.1156-1163, 2012 (SCI-Expanded)
- XXIV. **Synthesis, characterization and comparative studies on the photophysical and photochemical properties of peripherally and non-peripherally tetra-substituted zinc(II) phthalocyanines**
ACAR İ., BIYIKLIOĞLU Z., Durmus M., KANTEKİN H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.708, pp.65-74, 2012 (SCI-Expanded)
- XXV. **Tetrakis (2-[2-(2-naphthoxy)ethoxy]ethoxy) substituted metal-free and metallophthalocyanines and their aggregation behavior**
ACAR İ., BIYIKLIOĞLU Z., ÇAKIR D., KANTEKİN H.
JOURNAL OF COORDINATION CHEMISTRY, vol.65, no.23, pp.4077-4085, 2012 (SCI-Expanded)
- XXVI. **Synthesis, electrochemical, in situ spectroelectrochemical and in situ electrocolorimetric characterization of new metal-free and metallophthalocyanines substituted with 4-{2-[2-(1-**

naphthoxy)ethoxy]ethoxy} groups

ACAR İ., BIYIKLIOĞLU Z., KOCA A., KANTEKİN H.

POLYHEDRON, vol.29, no.5, pp.1475-1484, 2010 (SCI-Expanded)

- XXVII. **The synthesis, using microwave irradiation and characterization of novel, metal-free and metallophthalocyanines**
ACAR İ., KANTEKİN H., BIYIKLIOĞLU Z.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.695, no.2, pp.151-155, 2010 (SCI-Expanded)
- XXVIII. **Synthesis and characterization of octakis(4,5-bis{2-[2-(1-naphthoxy)ethoxy]ethoxy})- substituted metal-free and metallophthalocyanines**
KARADENİZ H., ACAR İ., BIYIKLIOĞLU Z., AĞIN F., KANTEKİN H.
JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.8, pp.1411-1417, 2010 (SCI-Expanded)
- XXIX. **The synthesis and characterization of new organosoluble long chain-substituted metal-free and metallophthalocyanines by microwave irradiation**
BIYIKLIOĞLU Z., KANTEKİN H., ACAR İ.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.11, no.12, pp.1448-1451, 2008 (SCI-Expanded)
- XXX. **Novel metallophthalocyanines bearing 3-(p-chlorophenyl)-5-p-tolyl-4H-1,2,4-triazole bulky substituents by microwave irradiation**
BEKİRCAN O., BIYIKLIOĞLU Z., ACAR İ., BEKTAS H., KANTEKİN H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.693, pp.3425-3429, 2008 (SCI-Expanded)
- XXXI. **Microwave-assisted synthesis and characterization of new soluble metal-free and metallophthalocyanines substituted with four tetrathiamacrocycles through oxy bridges**
BIYIKHOĞLU Z., ACAR İ., KANTEKİN H.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.11, no.6, pp.630-632, 2008 (SCI-Expanded)
- XXXII. **Synthesis and characterization of new metal-free and nickel(II) phthalocyanines containing hexaazadioxo macrobicyclic moieties**
KANTEKİN H., Goek Y., KILICASLAN M. B., ACAR İ.
JOURNAL OF COORDINATION CHEMISTRY, vol.61, no.2, pp.229-236, 2008 (SCI-Expanded)
- XXXIII. **The synthesis and characterization of new metal-free and metallo phthalocyanines substituted with four dithiatetraoxa macrocyclic moieties**
Kantekin H., RAKAP M., Misir M. N., GOEK H. Z., Acar I.
JOURNAL OF COORDINATION CHEMISTRY, vol.60, no.18, pp.1965-1972, 2007 (SCI-Expanded)
- XXXIV. **The synthesis and characterization of a novel vic-dioxime and its mononuclear complexes bearing an 18-membered N2O2S2 macrocycle and their characteristics as extractants for transition metal ions**
Kantekin H., Ocak U., GOK Y., Acar I.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.48, pp.95-101, 2004 (SCI-Expanded)

Articles Published in Other Journals

- Peripherally tetra 1, 2, 4-triazole substituted novel phthalocyanines: synthesis, characterization, electrochemical and spectroelectrochemical properties**
aktaş kamiloğlu a., acar i., sarkı g., koca a., GÜMRÜKÇÜOĞLU N., kantekin h.
Karadeniz Chemical Science And Technology, vol.1, pp.22-30, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- Synthesis, characterization and catalytic activities on benzyl alcohol, styrene oxidation of different group substituted Co(II) phthalocyanines**
SAKA E. T., BIYIKLIOĞLU Z., ACAR İ., KANTEKİN H., Kani İ.
3rd European Chemistry Congress, Germany, pp.3

- II. **Flor ve Brom İhtiva Eden Farklı Kalkon Grubu İçeren Zn(II), Mg(II) ve Co(II) Ftalosiyanın Bileşiklerinin Sentezi, Karakterizasyonu, Agregasyon ve Metal Sensör Özelliklerinin Karşılaştırılması**
AKTAŞ KAMİLOĞLU A., KARACA H., ACAR İ.
VII. Anorganik Kimya Kongresi, Çorum, Turkey, 19 - 22 June 2019, pp.57
- III. **FLOR VE BROM İHTİVA EDEN FARKLI KALKON GRUBU İÇEREN Zn(II), Mg(II) ve Co(II) FTALOSİYANİN BİLEŞİKLERİNİN SENTEZİ, KARAKTERİZASYONU, AGREGASYON VE METAL SENSÖR ÖZELLİKLERİNİN KARŞILAŞTIRILMASI**
AKTAŞ KAMİLOĞLU A., KARACA H., ACAR İ.
VII. Ulusal Anorganik Kimya Kongresi, Çorum, Turkey, 19 - 22 June 2019, pp.57
- IV. **1, 2, 4- Triazol Grubu İçeren Yeni Periferel Tetra Substitue Ftalosyanin Türevlerinin Sentezi, Karakterizasyonu, Agregasyon Çalışmaları, Elektrokimyasal ve Spektroelektrokimyasal Özellikleri**
aktaş kamiloğlu a., acar i., sarkı g., koca a., GÜMRÜKÇÜOĞLU N., kanteğin h.
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016, pp.65
- V. **Synthesis of polyfluoro substituted new Co II Fe II phthalocyanines and their usage as catalysts for aerobic oxidation of benzyl alcohol**
aktaş a., ACAR İ., SAKA E. T., BIYIKLIOĞLU Z.
2nd International Conference on Organic Electronic Material Technologies, 17 - 19 May 2016, vol.63, pp.134
- VI. **'Synthesis of polyfluoro substituted Co(II), Fe(II) phthalocyanines and their usage as catalysts for aerobic oxidation of benzyl alcohol**
Aktaş A., ACAR İ., SAKA E. T., BIYIKLIOĞLU Z.
2nd International Conference on Organic Electronic Material Technologies, OEMT2016, Çanakkale, Turkey, 17 - 19 May 2016, pp.109-110
- VII. **'Peripherally tetra-{2-(2,3,5,6-tetrafluorophenoxy)ethoxy} substituted cobalt(II), iron(II) metallophthalocyanines: Synthesis and their electrochemical, catalytic activity studies**
Aktaş A., ACAR İ., BIYIKLIOĞLU Z., SAKA E. T.
2nd International Conference on Organic Electronic Material Technologies, OEMT2016, Çanakkale, Turkey, 17 - 19 May 2016, pp.111-112
- VIII. **Synthesis characterization and investigation of catalytic activity of iron and cobalt phthalocyanines on benzyl alcohol oxidation bearing 4 2 2 3 Trifluoromethyl phenoxy ethoxy ethoxy groups**
AKTAŞ A., ACAR İ., SAKA E. T., BIYIKLIOĞLU Z., KANTEKİN H.
1st International Conference on Organic Electronic Material, 25 - 28 March 2015
- IX. **Synthesis, characterization and investigation of catalytic activity of iron and cobalt phthalocyanines on benzyl alcohol oxidation bearing 4-(2-{2-[3-(trifluoromethyl)phenoxy]ethoxy}ethoxy) groups**
Aktaş A., ACAR İ., SAKA E. T., BIYIKLIOĞLU Z., KANTEKİN H.
1st International Conference on Organic Electronic Material Technologies (OEMT 2015), Elazığ, Turkey, 25 March - 28 April 2015, pp.109-110
- X. **Tetrakis (4-{2-[2-(2-Naftiloksi)Etoksi]Etoksi}) Grubu İçeren Yeni Ftalosiyanimler**
ACAR İ., BIYIKLIOĞLU Z., BASARAN D., KANTEKİN H.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.67
- XI. **Yeni Periferel ve Non-Periferel Tetra Süstitüe Çinko Ftalosiyanimlerin Sentezi, Fotofiziksel ve Fotokimyasal Özelliklerinin İncelenmesi**
ACAR İ., BIYIKLIOĞLU Z., DURMUS M., KANTEKİN H.
III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011, pp.167
- XII. **Yeni Bir Non-Periferel Süstitüe Grup İçeren Co(II) Ftalosiyaniminin Sentezi, Karakterizasyonu ve Stiren Oksidasyonundaki Katalitik Aktivitesinin İncelenmesi**
SAKA E. T., BIYIKLIOĞLU Z., ACAR İ., KANTEKİN H.
Organometalik Kimya ve Kataliz Çalıştayı, Malatya, Turkey, 16 - 17 May 2010, pp.12
- XIII. **Yeni Çözünür Ftalosiyanimlerin Sentezi ve Karakterizasyonu**
BIYIKLIOĞLU Z., KANTEKİN H., ACAR İ.
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.44
- XIV. **Süstitüe Tetrakis-[2-(1-Naftiloksi)Etoksi] Ftalosiyanimlerin Sentezi ve Karakterizasyonu**

- ACAR İ., BIYIKLIOĞLU Z., KANTEKİN H.
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.133
- XV. **Yeni Çözünür Tetrakis ve Oktakis Süstitüe Ftalosiyanınların Sentezi ve Karakterizasyonu**
ACAR İ., BIYIKLIOĞLU Z., KANTEKİN H.
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.134
- XVI. **16 Üyeli Makrosiklik Grup İçeren Metallsiz ve Metalli Ftalosiyanınların Sentezi ve Karakterizasyonu**
BIYIKLIOĞLU Z., ACAR İ., KANTEKİN H.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008, pp.144
- XVII. **1,2,4-Triazol Grup İçeren Yeni Metalli Ftalosiyanınların Sentezi ve Karakterizasyonu**
ACAR İ., BIYIKLIOĞLU Z., BEKİRCAN O., BEKTAS H., KANTEKİN H.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008, pp.72
- XVIII. **Azakalkon Grubu İçeren Yeni Ftalosiyanınların Sentezi ve Karakterizasyonu**
BIYIKLIOĞLU Z., ACAR İ., KANTEKİN H., KAHRİMAN N.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008, pp.145
- XIX. **Karışık Donörlü Makrobisiklik Grup İçeren Metallsiz ve Metalli Ftalosiyanınların Sentezi ve Karakterizasyonu**
ACAR İ., BIYIKLIOĞLU Z., KANTEKİN H.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008, pp.73
- XX. **Synthesis and characterization of new metal-free and metallophthalocyanines peripherally fused to 15-membered tetraoxamonoazamacrocycles by microwave irradiation**
BIYIKLIOĞLU Z., KANTEKİN H., ACAR İ.
Fifth International Conference on Porphyrins and Phthalocyanines, Moscow, Russia, 6 - 11 July 2008, pp.310
- XXI. **N6O2 N6S2 Makrobisiklik grup içeren yeni metal free ve nikel II ftalosiyanın sentezi karakterizasyonu**
Kantekin H., Sağlam M. B., Gök Y., Gök H. Z., Acar İ.
XIX. Ulusal Kimya Kongresi Ege Üniversitesi, İzmir, Turkey, 30 September - 04 October 2005, pp.305
- XXII. **N,N'- bis (2- Hidroksinaftalin-1- karbaldehid) – 1,2-bis-M-Aminofenoksi)etan ile Yeni Metal Komplekslerinin Hazırlanması, Spektroskopik ve Termodinamik Çalışmaları**
Kantekin H., Sağlam M. B., Gök Y., Şahinbaş H. Z., Acar İ.
XIX. Ulusal Kimya Kongresi, İzmir, Turkey, 30 September - 04 October 2005, pp.305
- XXIII. **30 Üyeli N2O3S5 ve 27Üyeli N2O2S5 Karışık Donörlü Makrosiklik Yapıların Sentezi ve Metal Bileşimlerinin İncelenmesi**
KANTEKİN H., ACAR İ., Gök Y., Şahinbaş H. Z.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.431
- XXIV. **18 Üyeli N2O2S2 Karışık Donörlü Makrosiklik Grup İçeren Yeni Bir (E,E)-Dioksim ve mononükleer Kompleksinin Sentezi, Karakterizasyonu ve Geçiş Metal iyonlarına Karşı Seçiciliğinin İncelenmesi**
ACAR İ., KANTEKİN H., OCAK Ü., GÖK Y., Şahinbaş H. Z.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 05 July 2004 - 09 July 2005, pp.435
- XXV. **Karışık Donörlü Makrosiklik Grup İçeren Yeni Bir (E,E)-Dioksim Ver kompleks Formasyonlarının Sentezi ve Karakterizasyonu**
SAHINBAS H. Z., KANTEKİN H., GÖK Y., ACAR İ.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 05 July 2004 - 09 July 2005, pp.430

Supported Projects

- ACAR İ., YILDIZ İ., Development Agency, Teknoloji ve Yetenek Atölyeleri Projesi (TEYAP), 2020 - Continues
Sönmez K., Ayvaz E., Yıldız İ., Koç A., Acar İ., Project Supported by Other Official Institutions, Teknoloji ve Yetenek Atölyeleri Projesi (TEYAP), 2019 - 2022
Acar İ., Kamiloğlu A. A., TUBITAK Project, Değişik Kalkon Grupları İçeren Metalli Ftalosiyanınların Fotofiziksel ve Fotokimyasal Özellikleri Üzerine Merkez Metal Atomu ve Süstitüent Grubunun Etkisinin Araştırılması, 2018 - 2020

Acar İ., Bıyıkhođlu Z., TUBITAK Project, Periferel Tetra Sübstítúe Fonksiyonel Gruplar İçeren Metalsiz, Metalli Ftalosiyanınlerin Sentezi ve Elektrokimyasal Özelliklerinin İncelenmesi, 2015 - 2016

ACAR İ., Project Supported by Higher Education Institutions, FLOR FONKSİYON GRUPLARI İÇEREN PERİFERAL TETRA SÜBSTÍTÚE KOBALT FTALOSYANİNLERİN SENTEZİ, KARAKTERİZASYONU VE KATALİTİK AKTİVİTELERİ, 2014 - 2016

ACAR İ., Project Supported by Higher Education Institutions, Schiff Bazı İçeren Ftalosiyanınlerin ve Kuaternize Türevlerinin Sentezi, Karakterizasyonu, 2012 - 2014

Scientific Refereeing

Project Supported by Higher Education Institutions, May 2018

Applied Organometallic Chemistry, National Scientific Refreed Journal, March 2018

New Journal of Chemistry, National Scientific Refreed Journal, February 2018

Catalysis Letters , SCI Journal, January 2018

Chemistry Select, SCI Journal, March 2017

Journal of Inclusion Phenomena and Macrocyclic Chemistry, SCI Journal, March 2016

Journal of Organometallic Chemistry , SCI Journal, February 2016

Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry, SCI Journal, January 2016

Dalton Transaction, SCI Journal, September 2015

Dalton Transaction, SCI Journal, June 2015

TUBITAK Project, February 2015

Applied Organometallic Chemistry, SCI Journal, December 2014

Journal of Organometallic Chemistry, SCI Journal, May 2014

Journal of Molecular Structure , SCI Journal, January 2014

Project Supported by Higher Education Institutions, October 2013

Journal of Organometallic Chemistry, SCI Journal, September 2013

Metrics

Publication: 64

Citation (WoS): 556

Citation (Scopus): 585

H-Index (WoS): 15

H-Index (Scopus): 15

Congress and Symposium Activities

Teknoloji Fakülteleri XI. Dekanlar Toplantısı, Attendee, Kocaeli, Turkey, 2018

Teknoloji Fakülteleri IX. Dekanlar Toplantısı, Attendee, Denizli, Turkey, 2016

III. Ulusal Organik Kimya Kongresi, Attendee, Trabzon, Turkey, 2016

28. Ulusal Kimya Kongresi, Attendee, Mersin, Turkey, 2016

Teknoloji Fakülteleri VIII. Dekanlar Toplantısı, Attendee, Afyon, Turkey, 2016

2 nd International Conference on Organic Electronic Material Technologies, Attendee, Çanakkale, Turkey, 2016

Teknoloji Fakülteleri VII. Dekanlar Toplantısı, Attendee, Karabük, Turkey, 2015

1st International Conference on Organic Electronic Material, Attendee, Elazığ, Turkey, 2015

Teknoloji Fakülteleri V. Dekanlar Toplantısı, Attendee, Muđla, Turkey, 2014

IV. Ulusal Anorganik Kimya Kongresi, Attendee, Tokat, Turkey, 2013

III. Ulusal Anorganik Kimya Kongresi, Attendee, Çanakkale, Turkey, 2011

3rd Euchems Chemistry Congress, Attendee, Nürnberg, Germany, 2010

XXI. Ulusal Kimya Kongresi, Attendee, Malatya, Turkey, 2010
XXIII. Ulusal Kimya Kongresi, Attendee, Sivas, Turkey, 2009
II. Ulusal Anorganik Kimya Kongresi, Attendee, Elazığ, Turkey, 2009
XXII. Ulusal Kimya Kongresi, Attendee, Magusa, Cyprus (Kktc), 2008
Fifth International Conference on Porphyrins and Phthalocyanines, Attendee, Moskova, Russia, 2008
XIX. Ulusal Kimya Kongresi, Attendee, Kuşadası, Turkey, 2005
XVIII. Ulusal Kimya Kongresi, Attendee, Kars, Turkey, 2004

Awards

ACAR İ., BIYIKLIOĞLU Z., 2012-2013 Yılı en çok atf alan makale ödülü, Journal of Organometallic Chemistry, October 2014
ACAR İ., Aylıkla Ödüllendirme, Milli Eğitim Bakanlığı, November 2009

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI