

# ESRA HACER KAKI

## ASSOC. PROF.

Email : ekaki@marmara.edu.tr

International Researcher IDs

ScholarID: H\_0Nc3wAAAAJ&hl=tr

ORCID: 0000-0003-3823-1122

ScopusID: 24281543900

Yoksis Researcher ID: 173412

### Learning Knowledge

Doctorate  
1995 - 2002

Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey

Postgraduate  
1992 - 1995

Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey

Undergraduate  
1988 - 1992

Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Alfa-formil ketonların fosforlu analogunun sentezi ve bazı metallerle verdiği kompleks yapıların araştırılması, Marmara Üniversitesi, Faculty of Arts and Sciences, Chemistry, 2002

Postgraduate, Altının çözeltiye alınması için yeni bir yöntem, Marmara Üniversitesi, Faculty of Arts and Sciences, Chemistry, 1995

### Academic Titles / Tasks

Associate Professor  
2019 - Continues

Marmara University, Faculty of Arts and Sciences, Chemistry

Assistant Professor  
2008 - 2018

Marmara University, Faculty of Arts and Sciences, Chemistry

Research Assistant  
1993 - 2008

Marmara University, Faculty of Arts and Sciences, Chemistry

### Supported Projects

## Supported Projects

1. Kaki E. H., Project Supported by Higher Education Institutions, YENİ METALLİ FTALOSİYANİNLERİN SENTEZİ KARAKTERİZASYONU ELEKTROKİMYASAL ve VOC SENSÖR ÖZELLİKLERİ, 2015 - 2016
2. Kaki E. H., Project Supported by Higher Education Institutions, DİETİLSİLBESTROL TÜREVİ FTALOSİYANİNLERİN SENTEZİ VE KARAKTERİZASYONU, 2014 - 2016
3. Kaki E. H., Project Supported by Higher Education Institutions, Mononükleer ve Sandviç Tipi Ftalosiyanınların Sentezi ve Karakterizasyonu, 2013 - 2015
4. Kaki E. H., Project Supported by Higher Education Institutions, Bazı Schiff Bazı Metal Komplekslerinin Sentezi ve Karakterizasyonu, 2010 - 2012

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Synthesis, characterization and VOCs adsorption kinetics of diethylstilbestrol-substituted metallophthalocyanines**  
Kaki E., Gogsu N., ALTINDAL A., SALİH B., Bekaroglu O.  
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, pp.166-174, 2019 (SCI-Expanded)
2. **Synthesis, characterization and gas sensing properties of novel homo and hetero dinuclear ball-type phthalocyanines**  
Kaki E., ALTINDAL A., SALİH B., Bekaroglu O.  
DALTON TRANSACTIONS, vol.44, no.17, pp.8293-8299, 2015 (SCI-Expanded)
3. **Synthesis, characterization, electrochemistry and VOC sensing properties of novel metallophthalocyanines with four cyclohexyl-phenoxyphthalonitrile groups**  
Kaki E., ÖZKAYA A. R., ALTINDAL A., SALİH B., Bekaroglu O.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.188, pp.1033-1042, 2013 (SCI-Expanded)
4. **Synthesis in water-free DMF, characterization, electrical, and gas sensing properties of bis[2-(2-aminoethylamino)ethanol]copper(II) dibromide**  
Tascioglu S., Yalçın B., Dumludağ F., Kaki E.  
CHEMICAL PAPERS, vol.67, pp.613-623, 2013 (SCI-Expanded)
5. **Use of spectroscopic technique to develop a reagent for Mo(VI) utilizing micellar effects on complex formation**  
Tascioglu S., Kaki E. H., TAŞCIOĞLU S.  
JOURNAL OF APPLIED SPECTROSCOPY, vol.79, no.4, pp.540-546, 2012 (SCI-Expanded)
6. **A novel reagent for spectroscopic determination of Mo(VI)**  
Tascioglu S., Kaki E., TAŞCIOĞLU S.  
CHEMICAL PAPERS, vol.66, no.1, pp.11-17, 2012 (SCI-Expanded)
7. **Synthesis and characterization of Cu(II) complexes of pyrazine-2,3-dicarboxylic acid**  
Tascioglu S., Aydin A., YALÇIN B., Kaki E., ANDAÇ Ö., BÜYÜKGÜNGÖR O., KOŞAR B.  
POLYHEDRON, vol.30, no.13, pp.2171-2180, 2011 (SCI-Expanded)
8. **Synthesis and electrical properties of CuBr<sub>2</sub> complexes with 1,10-phenanthroline monohydrate**  
Tascioglu S., Kaki E., ARI M.  
CHEMICAL PAPERS, vol.62, no.3, pp.260-267, 2008 (SCI-Expanded)
9. **Influence of the nature of the metal ion on the rate of reduction of coordinated azomethine group**  
Medzhidov A. A., Mamedova S. G., Aydin A., Yalçın B., Tascioglu S., Kaki E. H.  
Russian Journal of General Chemistry, vol.77, no.10, pp.1761-1765, 2007 (SCI-Expanded)
10. **Gold leaching by use of an N,N'-disubstituted thiourea**  
Aydin A., Kaki E. H., Aydin A.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.36, no.14, pp.3239-3251, 2001 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

1. **Synthesis And Characterization Of Novel Homo and Heterodinuclear Ball-Type Phthalocyanines**  
KAKI E. H., ALTINDAL A., SALİH B., BEKAROĞLU Ö.  
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017
2. **Synthesis And Characterization Of Novel Metallophthalocyanines**  
KAKI E. H., Gögsu N., SALİH B., Bekaroğlu Ö.  
1st International Turkic World Conference on Chemical Sciences and Technologies, Sarajevo, Bosnia And Herzegovina, 27 October - 01 November 2015
3. **Yeni Mononükleer Ftalosiyeninlerin Sentezi ve Karakterizasyonu**  
KAKI E. H., Gögsu N., SALİH B., Bekaroğlu Ö.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
4. **Synthesis Characterization Electrochemistry and VOC Sensing Properties of Novel Metallophthalocyanines**  
KAKI E. H., ÖZKAYA A. R., ALTINDAL A., SALİH B., Bekaroğlu Ö.  
International Conference on New Trends in Chemistry, Dubai, United Arab Emirates, 24 - 28 March 2015
5. **Synthesis and Characaterization of the Schiff Bases and Their Transition Metal Complexes**  
KAKI E. H., CEYLAN H.  
International Conference on New Trends in Chemistry, Dubai, United Arab Emirates, 24 - 28 March 2015
6. **Synthesis Characterization Electrochemistry and VOC Sensing Properties of Novel Metallophthalocyanines**  
KAKI E. H., ÖZKAYA A. R., ALTINDAL A., SALİH B., BEKAROĞLU Ö.  
International Conference on New Trends in Chemistry, Dubai, United Arab Emirates, 24 - 26 March 2015
7. **Bazı Bakır ve Molibden Üçlü Komplekslerinin Miselli Ortamlarda Oluşum Koşullarının İncelenmesi**  
TAŞCIOĞLU S., KAKI E. H., Çolak S.  
XXII. Ulusal Kimya Kongresi, Turkey, 6 - 10 October 2008
8. **Pirazin 2 3 Dikarboksilli Asid ile CuBr<sub>2</sub> Kompleksinin Oluşumu ve NH<sub>3</sub> ile Reaksiyonunun İncelenmesi**  
TAŞCIOĞLU S., KAKI E. H., YALÇIN B., BÜYÜKGÜNGÖR O., KOŞAR B., AYDIN A.  
XX.Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
9. **Bis 2 2 Aminoetilaminoatanol Bakır II Bromür ün Sentezi ve Elektriksel Özelliklerinin İncelenmesi**  
TAŞCIOĞLU S., KAKI E. H., DUMLUDAĞ F., YALÇIN B.  
XX.Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
10. **Miselli ortamda Molibden Üçlü Kompleksi Sentezi**  
TAŞCIOĞLU S., KAKI E. H.  
XX.Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
11. **Formil Fosforlu Keton Analogunun Sentezi ve Bazı Metallerle Verdikleri Kompleks Yapılarının Araştırılması**  
TAŞCIOĞLU S., KAKI E. H.  
XV.Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 08 September 2001

## Courses

Inorganic Chemistry II (AEF), Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

INORGANIC CHEMISTRY LABORATORY I, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010

Geçiş Metalleri Kimyası I, Postgraduate, 2018 - 2019, 2017 - 2018, 2013 - 2014, 2010 - 2011

Inorganic Chemistry I(AEF), Undergraduate, 2018 - 2019, 2017 - 2018, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2009 - 2010

INORGANIC CHEMISTRY LABORATORY II, Undergraduate, 2016 - 2017, 2014 - 2015

Geçiş Metalleri Kimyası II, Postgraduate, 2016 - 2017, 2013 - 2014, 2009 - 2010

Anorganik Sınai Kimya, Undergraduate, 2016 - 2017

Sınai Kimya, Undergraduate, 2016 - 2017

Coordination Chemistry, Undergraduate, 2015 - 2016, 2012 - 2013

Genel Kimya II (Biyoloji İ.Ö), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Genel Kimya Laboratuvarı II (Biyoloji İ.Ö), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Genel Kimya I (Biyoloji İ.Ö), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Genel Kimya Laboratuvarı I (Biyoloji İ.Ö), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

## Advising Theses

Kakı E. H., Abdurrahmanoğlu Ş., Yeni Pirimidin Metalli Ftalosiyanınların Sentezi, Karakterizasyonu Ve Fotofizikokimyasal Özelliklerinin İncelenmesi, Postgraduate, M.NIAZY(Student), Continues

KAKI E. H., Dietilstilbestrol türevi ftalosiyanınların sentezi ve karakterizasyonu, Postgraduate, N.GÖGSU(Student), 2016

KAKI E. H., Bazı schiff bazı metal komplekslerinin sentezi ve karakterizasyonu, Postgraduate, H.CEYLAN(Student), 2012

## Metrics

Publication: 22

Citation (WoS): 80

Citation (Scopus): 65

H-Index (WoS): 5

H-Index (Scopus): 4

## Research Areas

Natural Sciences