

# Prof. Esin Hamuryudan

## Personal Information

Email: esin@itu.edu.tr

## Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1989 - 1994

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1986 - 1989

Under Graduate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1978 - 1983

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, "Diaza-Dioksa Substitüe Ftalosiyenin, Oksim ve Kompleksleri", İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1994

Post Graduate, "Yeni Bir Makrosiklik Bileşiğin Sentezi", İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1989

## Research Areas

Basic Sciences, Chemistry, Inorganic Chemistry, Boron Chemistry, Coordination Chemistry, Novel Ligands

## Academic Titles / Tasks

Professor, Istanbul Technical University, Fen-Edebiyat, Kimya, 2007 - Continues

Associate Professor, Istanbul Technical University, Fen-Edebiyat, Kimya, 2001 - 2007

Assistant Professor, Istanbul Technical University, Fen-Edebiyat, Kimya, 1995 - 2001

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Kimya, 1986 - 1995

## Supported Projects

Hamuryudan E., Berksun E., Project Supported by Higher Education Institutions, Porfirin, BODIPY ve Karboran içeren Konjuge Yapıların Sentezi, 2017 - 2018

Hamuryudan E., Project Supported by Higher Education Institutions, Asimetrik Sübstitüe Ftalosiyeninlerin Sentezi ve Çözücü Etkileri, 2016 - 2018

Hamuryudan E., Project Supported by Higher Education Institutions, Yeni Ftalosiyenin Türevlerinin Sentezi ve Özelliklerinin İncelenmesi, 2014 - 2017

Hamuryudan E., Project Supported by Higher Education Institutions, Fonksiyonel Gruplara Sahip Ftalosiyeninlerin Sentezi, 2013 - 2014

Hamuryudan E., Project Supported by Higher Education Institutions, Yeni Tip Ftalosiyenin Sentezi ve Karakterizasyonu, 2013 - 2014

Hamuryudan E., Project Supported by Higher Education Institutions, Kaliks[4]pirol Bağlı Ftalosiyenin Sentez, ve Anyon Bağlama Özellikleri, 2013 - 2014

Hamuryudan E., Project Supported by Higher Education Institutions, Non-Periferal ve Periferal Süstitüe Ftalosiyenin Sentezi, 2012 - 2014

Hamuryudan E., Project Supported by Higher Education Institutions, Alkil Zincirlerle Süstitüe Asimetrik Ftalosiyenin Sentezi, 2012 - 2013

Hamuryudan E., Project Supported by Higher Education Institutions, FONKSİYONEL GRUPLARLA SÜBSİTÜE FTALOSİYANİN SENTEZİ, 2010 - 2012

Hamuryudan E., Project Supported by Higher Education Institutions, Periferal Süstitüe Metal-Ftalosiyenin Hazırlanması ve Karakterizasyonu, 2010 - 2011

Hamuryudan E., Project Supported by Higher Education Institutions, Asimetrik ve Simetrik Ftalosiyenin Sentezi, 2008 - 2010

Hamuryudan E., Project Supported by Higher Education Institutions, Oktasüstitüe Ftalosiyenlere Yeni Fonksiyonel Gruplar Kazandırılması, 2006 - 2010

Hamuryudan E., Project Supported by Higher Education Institutions, Reaktif Florlu Gruplar İçeren Ftalosiyenin Sentezi, 2005 - 2007

Hamuryudan E., Project Supported by Higher Education Institutions, Alkiliyo süstitüe asimetrik porfarazinler, 2001 - 2006

Hamuryudan E., Project Supported by Higher Education Institutions, Simetrik ve Asimetrik Yapıdaki Ftalasyonin Esaslı Bileşiklere Yeni Yaklaşımlar, 2003 - 2005

Hamuryudan E., Project Supported by Higher Education Institutions, Yeni Tip Çözünür Titanyum Ftalosiyenin Sentezi, 2003 - 2004

Hamuryudan E., Project Supported by Higher Education Institutions, Süprasüper Ftalosiyenin Moleküllerin Sentezi ve Yüksek Teknolojik Özelliklerinin İncelenmesi, 2000 - 2003

## **Edit Congress and Symposium Activities**

Cobaltacarborane Functionalized Unsymmetrical Phthalocyanines, Attendee, Czestochowa, Poland, 2016

In-vitro PDT Efficiency of Unsymmetrically Substituted Zinc(II) Phthalocyanine, Attendee, Amsterdam, Netherlands, 2016

"Synthesis, and Solvent Effects on Unsymmetrically Substituted Phthalocyanines", Attendee, Seoul, South Korea, 2016

"Novel A3B Type Water Soluble Phthalocyanines", Attendee, Antalya, Turkey, 2015

"The synthesis and cation binding properties of macrocyclic moieties bearing phthalocyanines", Attendee, Antalya, Turkey, 2015

"Azo Group Modified Metallophthalocyanines", Attendee, Antalya, Turkey, 2015

"Synthesis of Zn (II) Phthalocyanines Carrying Carboranyl Units as Promising BNCT Agents", Attendee, İstanbul, Turkey, 2014

"Phthalocyanines Substituted with Azo-Dye Moieties", Attendee, İstanbul, Turkey, 2014

"The Synthesis and Fluorescence Studies of Novel Type Crown Ether Substituted Phthalocyanines", Attendee, İstanbul, Turkey, 2014

"Novel Carborane Functionalized Phthalocyanines", Attendee, Turkey, 2014

"Efficiency of a Zinc-phthalocyanine Based Dye-Sensitized Solar Cell", Attendee, İstanbul, Turkey, 2014

"Phenyl Boronic Acid-Functionalized Phthalonitrile and Metal-Free Phthalocyanine Complexes", Attendee, Turkey, 2014

"Synthesis, Characterization and Electrochemical Investigation of Phthalocyanine Compounds Bearing Fluorine Functionality", Attendee, --Seçiniz--, United States Of America, 2014

"Synthesis and Characterization of Unsymmetrical Alkyne Functional Phthalocyanines", Attendee, Praha, Czech Republic, 2013

"New Soluble Phthalocyanines Functionalized with Solketal Groups", Attendee, Turkey, 2013

"Synthesis and Properties of Non-peripheral and Peripheral Substituted Phthalocyanines Bearing Pyrene Groups",

Attendee, Turkey, 2013

"Novel o-Carborane Containing Unsymmetrical Phthalocyanine", Attendee, Turkey, 2013

"3-(Diethylamino)phenoxy and Hydroxyethylthio Substituted Unsymmetrical Phthalocyanines", Attendee, İstanbul, Turkey, 2013

"Synthesis and Electrochemical Studies of Carboxylic Acid Functionalized Phthalocyanines", Attendee, Marseille, France, 2013

"Synthesis of Calix[4]pyrrole-Substituted Phthalocyanines and Their Anion Binding Properties", Attendee, Marseille, France, 2013

"Synthesis of Metallated Phthalocyanines Substituted with Butynyl Groups for Potential Use in "Click" Chemistry Reaction", Attendee, Marseille, France, 2013

"Flor Grupları İçeren Yeni A3B Tipi Asimetrik Ftalosiyenin Sentezi ve PDT Uygulamaları", Attendee, Turkey, 2012

"Synthesis and Characterization of Alkyne Functionalized Fluorinated Phthalocyanines", Attendee, Leuven, Belgium, 2012

"Aggregation Properties of New Soluble Metallophthalocyanines with Strong Electron-withdrawing Substituents", Attendee, İstanbul, Turkey, 2012

Organosoluble Palladium Phthalocyanine Complex As Potential Catalyst, Attendee, İstanbul, Turkey, 2012

"Synthesis of Hexythio and Hydroxyethylthio Substituted Unsymmetrical Phthalocyanines", Attendee, İstanbul, Turkey, 2012

"Synthesis and DNA-Binding Properties of Novel Tetracationic Fluorinated Zinc(II)Phthalocyanines", Attendee, Denizli, Turkey, 2011

"Synthesis and Photophysical Properties of PEG Substituted Fluorinated Phthalocyanine Complexes", Attendee, Helsinki, Finland, 2011

"Thin Films of High-Soluble Metal(II) Phthalocyanines", Attendee, Turkey, 2010

"Preparation and optical studies of novel fluorinated metallophthalocyanines", Attendee, Nürnberg, Germany, 2010

"Absorption and fluorescence spectral properties of octakis(fluoroalkoxy) metallophthalocyanines", Attendee, Nürnberg, Germany, 2010

"Phthalocyanines with Alkylthio and Alkylamino Substituted Bulky Groups", Attendee, Nürnberg, Germany, 2010

"Synthesis of Polyfluorinated Manganese Phthalocyanine Complexes", Attendee, Nürnberg, Germany, 2010

"Synthesis of Alkoxy-Substituted Tetrakis(pentafluorobenzyloxy)phthalocyanines", Attendee, United States Of America, 2010

"Synthesis Of New Soluble Octa-Substituted Metallophthalocyanines", Attendee, Maastricht, Netherlands, 2009

"Synthesis of Functionalized Fluorinated Phthalocyanines", Attendee, Praha, Czech Republic, 2009

"Suda Çözünür Katyonik Ftalosiyenin Sentezi", Attendee, Turkey, 2009

"Okta-Substitüe Çözünür Metalli Ftalosiyenin Sentezi", Attendee, Turkey, 2009

"Taç Eter Substitüe Yeni Tip Asimetrik Ftalosiyenin Elektrokimyasal Çalışmaları", Attendee, Turkey, 2009

"ter-Butil Grupları İçeren Çözünür Oktasubstitüe Ftalosiyenin Sentezi", Attendee, Turkey, 2009

"Süstitüe Tetrakis-(pentaflorobenziloksi) Ftalosiyenin Sentezi", Attendee, Turkey, 2008

"Ferrosenli bir çinko ftalosiyenin bileşiğinin (spektro)elektrokimyasal özellikleri", Attendee, Cyprus (Kktc), 2008

"Taç Eter Substitüe Yeni Tip Asimetrik Ftalosiyenin Sentezi", Attendee, Turkey, 2007

"Tetra Katyonik Ftalosiyenin Sentezi", Attendee, Turkey, 2007

"Alkiltiyo-Substitüe Florlu Gruplar İçeren Ftalosiyenin Sentezi ve Karakterizasyonu", Attendee, Turkey, 2007

"Aksiyel Olarak Substitüe Ftalosiyenin Sentezi", Attendee, Turkey, 2006

"Florlu Gruplar İçeren Ftalosiyenin Sentezi", Attendee, Turkey, 2005

"Ester Grubu İçeren Oktasubstitüe Ftalosiyenin Sentezi", Attendee, Turkey, 2005

"Crown Ether Substituted Unsymmetrical Phthalocyanines", Attendee, Athína, Greece, 2005

"Near IR Absorbing Phthalocyanines", Attendee, United States Of America, 2004

"Yeni Taç Eter Substitüe Ftalosiyenin Sentezi", Attendee, --Seçiniz--, Turkey, 2002

"Periferal Pozisyonda Farklı Substitüentler İçeren Ftalosiyenin Sentezi", Attendee, Turkey, 2002

"Asimetrik Olarak Substitüe Porfirazin Sentezi", Attendee, Turkey, 2002

"Asimetrik Metal Ftalosiyenin Sentezi", Attendee, Turkey, 2002

"Tetrasubstitüe Ftalosiyenin Sentezi", Attendee, Diyarbakır, Turkey, 2000

" Synthesis Characterisation of the Novel Asymmetrically Substituted Phthalocyanines", Attendee, Dijon, France, 2000  
" Aminoethylsulfanyl- Substituted Phthalocyanines", Attendee, Toulouse, France, 1999  
"Substitüe Yeni Tip Ftalosiyeninlerin Sentezi ve Özelliklerinin İncelenmesi", Attendee, Samsun, Turkey, 1999  
"Synthesis of Octakis (Aminophenoxymethyl)-Substituted Phthalocyanine and Its Further Reactions", Attendee, Edinburgh, Scotland, 1998  
"Phthalocyanines Substituted with Hydroxyethyltio Groups", Attendee, Greece, 1997  
"Synthesis and Characterization of New vic-Dioxime Complexes", Attendee, Greece, 1997  
"Hidroksietiltiyo Grupları Taşıyan Ftalosiyeninlerin Elektrokimyasal Davranışlarının İncelenmesi", Attendee, Turkey, 1997  
"16-Üyeli Diazadioksa Halkaları İçeren Simetrik Ftalosiyeninlerin Sentezi", Attendee, Van, Turkey, 1997  
"Diazadioksa Makrohalkaları İle Süstitüe Yeni Oksim ve Ftalosiyenin Komplekslerinin Sentezi, Özelliklerinin İncelenmesi", Attendee, Trabzon, Turkey, 1993

## Citations

Total Citations (WOS):1002

h-index (WOS):18