

Prof. Hacer Ayşen Önen

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: D-1452-2017

ScopusID: 7005951367

Yoksis Researcher ID: 7190

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1986 - 1990

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1983 - 1986

Undergraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1979 - 1983

Foreign Languages

English

Dissertations

Doctorate, Dual Curable Textile Adhesives For Cord/ Rubber Applications, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2017

Postgraduate, Effect of carbon nanotubes and polyaniline on the properties of polyacrylonitrile/carbon nanotubes composite nanofibers, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2015

Postgraduate, Development of silver nitrate loaded polyacrylonitrile composite nanofibers, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2014

Postgraduate, The effects of partially acrylated hyperbranched polyesters on uv curable coatings, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2014

Postgraduate, Functional multiwalled carbon nanotubes, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2014

Postgraduate, Synthesis of functional ketonic resins, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2013

Postgraduate, Preparation and characterization of polypropylene nanocomposite materials reinforced with cellulose nano whiskers by solvent casting, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2012

Postgraduate, Synthesis of photoactive urethane acrylates, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2010

Postgraduate, Polymerization of chalcone functional polymers by atom transfer radical polymerization, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2008

Postgraduate, Synthesis of triglyceride based urethane macromers and their use in copolymerization, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2006

Postgraduate, Modification of polycarbonate surfaces via UV curable sol gel method, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2005

Postgraduate, Fotoaktif reçine sentezi ve kopolimerleşmede kullanımı, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2005

Postgraduate, Effect of various stabilizer mixtures on mechanical and physical properties of CaCO₃ filled polypropylene composite in different environmental conditions, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2004

Doctorate, Synthesis of liquid crystalline copolymers by combination of atom transfer radical polymerization and promoted cationic polymerization, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2004

Postgraduate, Investigation of mechanical properties of polyethylene blended polypropylene pipes, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 2003

Postgraduate, Allil onyum tuzlarının katyonik polimerizasyondaki etkinliklerinin karşılaştırılması, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1999

Postgraduate, benzophenone based addition-fragmentation agent for photoinitiated cationic polymerization, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polymer Science And Technology, 1999

Postgraduate, Novel addition fragmentation agents as cationic initiator, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1999

Research Areas

Chemistry, Physical Chemistry, Functional Polymers, Polymeric Materials, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul Technical University, Fen-Edebiyat, Kimya, 1999 - Continues

Associate Professor, Istanbul Technical University, Fen-Edebiyat, Kimya, 1992 - 1999

Assistant Professor, Istanbul Technical University, Fen-Edebiyat, Kimya, 1991 - 1992

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Kimya, 1985 - 1991

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polimer Bilim Ve Teknolojisi Anabilim Dalı, 2015 - Continues

İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polimer Bilim Ve Teknolojisi Anabilim Dalı, 2002 - 2004

Courses

Organik Kimya, Undergraduate, 2016 - 2017

ORGANIC CHEMISTRY I, Undergraduate, 2016 - 2017

ORGANIC CHEMISTRY LABORATORY 1, Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

FUNDAMENTALS OF POLYMER CHEMISTRY, Postgraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

Supported Projects

- Önen H. A., Project Supported by Higher Education Institutions, Grafen Oksit Lifleri, Üretimi, Karakterizasyonu ve Sülfür Dioksit Adsorpsiyonunda Kullanımları, 2017 - 2018
- Önen H. A., Project Supported by Higher Education Institutions, Synthesis of Phosphorus Containing Smart Polymeric Materials, 2016 - 2018
- Önen H. A., Project Supported by Higher Education Institutions, ENZYMATICALLY SYNTHESIZED POLYCAPROLACTONE BASED MACROPHOTOINITIATOR, 2015 - 2018
- Önen H. A., Project Supported by Higher Education Institutions, Akıllı Polimerik Malzemelerin Sentezi, 2016 - 2017
- Önen H. A., Project Supported by Higher Education Institutions, Dual Sertleşebilen Tekstil Yapıştırıcılarının Sentezi ve Uygulamaları, 2014 - 2017
- Önen H. A., Project Supported by Higher Education Institutions, Polianilin ve fonksiyonel karbon nanotüp içeren kompozit nanolifler, üretilmesi ve özelliklerinin incelenmesi, 2015 - 2016
- Önen H. A., Project Supported by Higher Education Institutions, Nano Titanyumdioksit İçeren Silan Kaplamaların Metal Yüzeylerde Korozyona Karşı Kullanımı, 2014 - 2016
- Önen H. A., Project Supported by Higher Education Institutions, Gümüş Nitrat (AgNO_3) İçeren Poliakrilonitril (PAN) Kompozit Nanoliflerin Üretimi, 2014 - 2015
- Önen H. A., Project Supported by Higher Education Institutions, Akrillenmiş Çok Dallı Polimerlerin Sentezi ve Uygulamaları, 2013 - 2015
- Önen H. A., Project Supported by Higher Education Institutions, Fonksiyonel Çok Katmanlı Karbon Nanotüp Sentezi, 2013 - 2014
- Önen H. A., Project Supported by Higher Education Institutions, Fonksiyonel Ketonik Reçinelerin Sentezi, 2013 - 2013
- Önen H. A., Project Supported by Higher Education Institutions, Polymeric Nanocomposites Produced From Polypropylene And Nanocellulose Whiskers, 2011 - 2012
- Önen H. A., Project Supported by Higher Education Institutions, Çok Dallanmış Polimerlerin Sentezi ve Uygulamaları, 2010 - 2012
- Önen H. A., Project Supported by Higher Education Institutions, Işığa Duyarlı, Çaprazbağ Oluşturabilen Polimerlerin Sentezi ve Film Özelliklerinin İncelenmesi, 2010 - 2011
- Önen H. A., Project Supported by Higher Education Institutions, Kalgon aktif polimer sentez ve uygulamaları, 2008 - 2010
- Önen H. A., Project Supported by Higher Education Institutions, Atom Transfer Radikal Polimerizasyonu ile Kalgon Fonksiyonaliyeli Polimer Sentezi, 2007 - 2008
- Önen H. A., Project Supported by Higher Education Institutions, Nano Zeolit Katkılı Polimerik Membranların Hazırlanması ve Karakterizasyonu, 2005 - 2007
- Önen H. A., Project Supported by Higher Education Institutions, Polikarbonat Türü Malzemelerin UV Işınları ile Sertleşebilen SOL-GEL Tekniği Kullanılarak Yüzey Özelliklerinin Modifiye Edilmesi, 2005 - 2006
- Önen H. A., Project Supported by Higher Education Institutions, Fotoaktif Reçine Sentezi ve Kopolimerleşmede Kullanımı, 2004 - 2005
- Önen H. A., Project Supported by Higher Education Institutions, ATRP ve Fotoindüklenmiş Katyonik Polimerizasyon Yöntemleri Kullanılarak Blok Kopolimerlerin Sentezlenmesi, 2004 - 2004
- Önen H. A., Project Supported by Higher Education Institutions, Dolgu Polipropilenin Stabilizasyonu ve Sinerjik Etkileşimlerin İncelenmesi, 2004 - 2004
- Önen H. A., Project Supported by Higher Education Institutions, Sıvı Kristal Kopolimerlerin Sentezinde Yeni Yaklaşımlar, 2002 - 2004
- Önen H. A., Project Supported by Higher Education Institutions, Polietilen Katkılı Polipropilen Boruların Mekanik Özelliklerinin Belirlenmesi, 2003 - 2003
- Önen H. A., Project Supported by Higher Education Institutions, Polimerik Maddelerin Sentezinde Deneysel Yöntemleri, 2002 - 2003
- Önen H. A., Project Supported by Higher Education Institutions, Alil Onyum Tuzlarının Atyonik Polimerizasyonundaki Etkinliklerinin Kıyaslanması, 1999 - 2003
- Önen H. A., Project Supported by Higher Education Institutions, Benzofen Gurubu İçeren Fotoaktif Katılma Bölüşme Reaktiflerinin Sentezi ..., 2001 - 2001

Metrics

Publication: 71

Citation (WoS): 192

Citation (Scopus): 199

H-Index (WoS): 7

H-Index (Scopus): 8

Congress and Symposium Activities

Preparation of Dual Curable Adhesive Formulations by Composition of Acrylic Reactive Diluents for Cord/Rubber Applications,, Attendee, Ankara, Turkey, 2017

253 rd American Chemical Society (ACS) National Meeting,UV Curable Flame Retardent Coatings for Cotton Fabrics, Attendee, California, United States Of America, 2017

International Symposium on Macrocyclic and Supramolecular Chemistry,, Synthesis of Phosphorus Containing Smart Polymeric Materials, Attendee, Seoul, South Korea, 2016

13th International Conference on Nanosciences&Nanotechnologies (NN16),The Effect of Production Parameters on Continuous Graphene Oxide Fiber, Attendee, Thessalonki, Greece, 2016

12th International Nanoscience and Nanotechnology Conference,Continuous Graphene Oxide Fiber, Attendee, Kocaeli, Turkey, 2016

Composite Polyacrylonitrile Filaments with Polyaniline And Silver Nanoparticles, 5th International Istanbul Textile Congress, Attendee, İstanbul, Turkey, 2015

5 th International Conference on Biobased and Biodegradable Polymers,Enzymatically Synthesized Polycaprolacrone Based Macrophotoinitiator, Attendee, Bilbao, Spain, 2015

15th AUTEX World Textile Conference,Synthesis of Phosphorus Containing Bio Based Adhesives for Textile Applications, Attendee, Bucuresti, Romania, 2015

ICNET 2014: International Conference on Nanoscience, Engineering andTechnology,Investigation of Electrical, Thermal and Structural Properties on Polyacrylonitrile Nano- fiber,, Attendee, Venezia, Italy, 2014

, ICNET 2014: International Conference on Nanoscience, Engineering and Technology,Effect of Amine-Functionalized Carbon Nanotubes on the Properties of CNT-PAN Composite Nanofibers, Attendee, Venezia, Italy, 2014

Fiber Society Spring 2014 Conference,The Effects of Plasma Treatment on UV-Curable Epoxyacrylate Coatings, Attendee, Liberec, Czech Republic, 2014

Autex 2014, 14th World Textile Conference, Development of Polyacrylonitrile/Carbon nanotube/Silver Nanoparticles Composite Nanofibers, Attendee, Bursa, Turkey, 2014

Autex 2014, 14th World Textile Conference,The Importance of Reduction Methods and Ratio of PVP for Composite Polyacrylonitrile-Silver Nanofiber, Attendee, Bursa, Turkey, 2014

Autex 2014, 14th World Textile Conference,Development of Polyacrylonitrile/Carbon nanotube/Silver Nanoparticles Composite Nanofibers, Attendee, Bursa, Turkey, 2014

, XIIIth International Izmir Textile and Apparel Symposium,The Effect of Modified CNT and Processing Parameters on Properties of CNT-PAN Composite Nanofiber Web, Attendee, Antalya, Turkey, 2014

Nanotech Meeting,PAN/CNT/AgNP composite nanowebs: Effect of CNT functionalization and Ag+ reduction on properties of composite nanofiber Webs,, Attendee, Tunisia, 2014

XIIIth International Izmir Textile and Apparel Symposium,The Effect of Modified CNT and Processing Parameters on Properties of CNT-PAN Composite Nanofiber Web, Attendee, Antalya, Turkey, 2014

Scholarships

Alexander von Humboldt Bursu: Hahn Meitner Institute- Berlin, Official Institutions of Foreign Countries, 1994 - Continues

Non Academic Experience

Hahn Meitner Institute(Alexander von Humboldt Bursiyeri)-Almanya

Tokyo Institute of Technology