

Prof. Turan Öztürk

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: R-2607-2019

ScopusID: 7004084332

Yoksis Researcher ID: 152253

Education Information

Postgraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2010 - 2014

Doctorate, University of East Anglia, Chemistry, United Kingdom 1987 - 1990

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1978 - 1983

Foreign Languages

English

Dissertations

Doctorate, Synthetic Studies on Cytotoxic Alkaloids, University Of East Anglia, Chemistry, 1990

Postgraduate, Modification of Cychlohexanone Formaldehyde Resin, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1986

Research Areas

Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2003 - Continues

Associate Professor, University of Waterloo, Chemistry, 2000 - 2001

Lecturer PhD, The University of Kent at Canterbury, Chemistry, 1994 - 1996

Lecturer PhD, The University of Kent at Canterbury, Chemistry, 1991 - 1994

Research Assistant, University of East Anglia, Chemistry, 1987 - 1990

Courses

ORGANIC CHEMISTRY I, Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and optoelectronic and charge storage characterizations of conducting polymers based on tetraphenylethylene and thienothiophenes**
Topal S., Suna G., Ulukan P., Sezer E., Ozturk T.
ELECTROCHIMICA ACTA, vol.392, 2021 (SCI-Expanded)
- II. **Synthesis and Characterization of a Bis-Pyrazoline Derivative as Corrosion Inhibitor for A283 Carbon Steel in 1M HCl: Electrochemical, Surface, DFT and MD Simulation Studies**
Selatnia I., Sid A., Benahmed M., Debbih O. D., Ozturk T., Gherraf N.
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.54, no.6, pp.1182-1193, 2018 (SCI-Expanded)
- III. **Synthesis and Electropolymerization of Bis(phenylthieno[3,2-b]thiophenes)- (4,4'-dinonyl-2,2'-bithiazole) co-monomer**
Sezer E., OSKEN I., Çınar M., DEMIREL O., Ustamehmetoğlu B., Öztürk T.
ELECTROCHIMICA ACTA, vol.222, pp.1592-1603, 2016 (SCI-Expanded)
- IV. **Determination and analysis of the dispersive optical constants of the 5,5',6,6'-tetraphenyl-2,2'-bi([1,3]dithiolo[4,5-b][1,4]dithiinylidene)-DDQ complex thin film**
Atalay Y., Basoglu A., Avci D., Arslan M., Ozturk T., Ertas E.
PHYSICA B-CONDENSED MATTER, vol.403, no.12, pp.1983-1989, 2008 (SCI-Expanded)

Supported Projects

Öztürk T., Project Supported by Higher Education Institutions, Perovskite Güneş Pillerine Yönelik Alkil Grupları İçeren Ditiyenyotifen Temelli Boşluk İletici Materyallerin Sentezleri Optoelektronik Özelliklerinin İncelenmesi ve Uygulamaları, 2018 - 2020

Öztürk T., Project Supported by Higher Education Institutions, BİLGİSAYAR-DESTEKLİ ANTİKOLİNESTERAZ FLAVONOİD TÜREVLERİNİN SENTEZİ VE İNTRAOPERATİF KANSER GÖRÜNTÜLEME ÖZELLİKLERİNİN İNCELENMESİ, 2016 - 2018

Öztürk T., Project Supported by Higher Education Institutions, TEUCRİUM TÜRLERİNİN DİTERPEN BİLEŞENLERİNİN İZOLASYONU VE BİYOAKTİF ANALOGLARININ SENTEZİ, 2016 - 2018

Öztürk T., Project Supported by Higher Education Institutions, BAZI SALVIA TÜRLERİNİN HALUSİNATİF ETKEN MADDE İÇERİKLERİNİN BELİRLENMESİ, KEMOMETRİK VE GENOMİK İNCELEMESİ, 2016 - 2018

Öztürk T., Project Supported by Higher Education Institutions, Thienothiophene (TT) and Dithienothiophene (DTT) Heterocycles, 2016 - 2018

Öztürk T., Project Supported by Higher Education Institutions, Benzotriazol fonksiyonel grup içeren birleşik tiyofen materyallerin sentezi ve elektrokimyasal ve spektroskopik özelliklerinin incelenmesi, 2016 - 2018

Öztürk T., Project Supported by Higher Education Institutions, İzotopca zenginleştirilmiş süfonamid grubu antibiyotiklerin ve türevlerinin sentezleri ve aktivite çalışmaları, 2016 - 2018

Öztürk T., Project Supported by Higher Education Institutions, Recent Synthetic Developments And Applications On Thienothiophenes And Dithienothiophenes, 2015 - 2018

Öztürk T., Project Supported by Higher Education Institutions, Thienothiophene (TT) and Dithienothiophene (DTT) Heterocycles, 2015 - 2018

Öztürk T., Project Supported by Higher Education Institutions, Dithienothiophenes (DDT) and Thienothiophenes (TT), 2012 - 2018

Öztürk T., Project Supported by Higher Education Institutions, VINYLENEDİTHİOPHENES VDTT AND DİTHİENOTHİOPHENES DTT BUILDİNG BLOCKS FOR CONJUGATED SYSTEMS, 2010 - 2018

Öztürk T., Project Supported by Higher Education Institutions, 1,8 Diketone Ring Formation Reactions, 2008 - 2018

Öztürk T., Project Supported by Higher Education Institutions, 3-(4-siyanofenil)tiyenyotiyofen sentezleri, elektronik ve optoelektronik özellikleri, 2015 - 2016

Öztürk T., Project Supported by Higher Education Institutions, Beyaz OLED Uygulamaları için Ditiyenyotiyofen Temelli Moleküllerin Sentezleri ve Özellikleri, 2014 - 2016

Öztürk T., Project Supported by Higher Education Institutions, Kaynaşık Tiyofen Temelli Polimerlerin Klik Reaksiyonu ile Eldesi ve Elektronik Optoelektronik Özelliklerinin İncelenmesi, 2014 - 2015

Öztürk T., Project Supported by Higher Education Institutions, Işık Yayan Organik Materyaller için Tiyenyotiyofen Bor Polimerlerinin Sentezleri ve Özelliklerinin İncelenmesi, 2013 - 2015

Öztürk T., Project Supported by Higher Education Institutions, Ditiyofen - Fluoren Polimerlerinin Hazırlanması ve Özelliklerinin İncelenmesi, 2013 - 2015

Öztürk T., Project Supported by Higher Education Institutions, "2,6-(Thiophen-2-YL)-3,5-(4-(Thiophen-2-YL)Phenyl)Dithieno(3,2-B;2',3'-D) Thiophene Sentezi Ve Özelliklerinin İncelenmesi", 2013 - 2014

Öztürk T., Project Supported by Higher Education Institutions, Yeni Bir Yöntemle Tiyenyotiyofen Sentezleri ve Özelliklerinin İncelenmesi, 2012 - 2013

Öztürk T., Project Supported by Higher Education Institutions, 3- Hidrofikasyon Temelli Organik ve Polimerik Floresans Sensörlerin Geliştirilmesi, 2009 - 2013

Öztürk T., Project Supported by Higher Education Institutions, Dithieno [2,3-b;3',2'-d] thiophene Temelli Organik Elektronik ve Optoelektronik Materyallerin Sentezleri, 2009 - 2013

Öztürk T., Project Supported by Higher Education Institutions, 2-(4-nitrofenil)tiyano(3,4-b)(1,4)ditiyin, 2-(4-dimetilaminofenil)tiyano(3,4-b)(1,4) ditiyin ve 3,5-Di(4-nitrofenil)-ditiyeno(3,2-b;2',3'-d)d(tiyofen , 3,5 Di (4-dimetilaminofenil)-ditiyeno(3,2-b;2',3'-d)t, 2010 - 2012

Öztürk T., Project Supported by Higher Education Institutions, 3,5- di(4-disülfonatopropilamino-fenil)-ditiyeno (3,2-b;2',3'-d)tiyofen temelli optoelektroaktif materyallerin sentezlenmesi ve özelliklerinin incelenmesi, 2010 - 2012

Öztürk T., Project Supported by Higher Education Institutions, 3,5-DİFENİL-2,6-DİTİYOFEN-2-İL-DİTİYONEL(3,2-b;2',3'-d) TİYOFEN TEMELLİ OPTOELEKTROAKTİF MATERYALLERİN SENTEZLENMESİ VE ÖZELLİKLERİNİN İNCELENMESİ, 2009 - 2011

Öztürk T., Project Supported by Higher Education Institutions, Ditiyenyotiyofen Temelli Elektro ve Optoelektroaktif Materyallerin Hazırlanması ve Özelliklerin İncelenmesi, 2009 - 2011

Öztürk T., Project Supported by Higher Education Institutions, Yeni bir yöntemle dithienothiophene analoglarının sentezleri ve özelliklerinin incelenmesi, 2004 - 2009

Öztürk T., Project Supported by Higher Education Institutions, Yeni Ditiyenyotiyofen Bileşiklerinin Ve Kopolimerlerinin Sentezleri ve Özelliklerinin İncelenmesi, 2007 - 2008

Öztürk T., Project Supported by Higher Education Institutions, 3-Hidroksiflavon Problemlerinin Sentezleri ve Mikroheterojenik Sistemlerdeki Hidrofobik Yüzeylerin Floresans Tekniği ile İncelenmesi, 2007 - 2008

Öztürk T., Project Supported by Higher Education Institutions, BEDT-TTF Temelli Yeni Organik Süperiletkenlerin Sentezleri ve Özelliklerinin İncelenmesi, 2007 - 2008

Öztürk T., Project Supported by Higher Education Institutions, Nitrophenyl - BEDT-TTF Temelli Yeni Organik Süperiletkenlerin Sentezleri ve Özelliklerinin İncelenmesi, 2007 - 2008

Öztürk T., Project Supported by Higher Education Institutions, 4-Dioktilamino-3-Hidroksiflavon Temelli Floresan Problemlerinin Sentezleri ve Özelliklerinin İncelenmesi, 2004 - 2006

Öztürk T., Project Supported by Higher Education Institutions, 4-Didodeklamino-3-Hidroksiflavon Temelli Problemlerinin Sentezleri ve Özelliklerinin İncelenmesi, 2004 - 2006

Öztürk T., Project Supported by Higher Education Institutions, 4-Butylamino-3-Hidroksiflavon Temelli Floresan Problemlerinin Sentezleri ve Özelliklerinin İncelenmesi, 2004 - 2006

Metrics

Publication: 191

Citation (WoS): 2383

Citation (Scopus): 3778

H-Index (WoS): 26

H-Index (Scopus): 32

Congress and Symposium Activities

Ulusal Organik Kimya Kongresi, Attendee, Turkey, 2016

27th International Symposium on Organic Chemistry of Sulfur (ISOCS 27), Attendee, Germany, 2016

International Workshop on Advanced Materials and Processes Energy Applications, Attendee, Turkey, 2016

FloHet-2016, Florida Heterocyclic & Synthetic IUPAC-Sponsored Conference, Attendee, United States Of America, 2016

Trans Mediterranean Colloquium on Heterocyclic Chemistry, TRAMECH VIII, Attendee, Turkey, 2015

International Conference on Organic Chemistry, Attendee, China, 2015

International Conference on Organic Chemistry (ICOC), Attendee, Turkey, 2007