

## Prof. Dr. YASEMİN UDUM

### Kişisel Bilgiler

E-posta: y.udum@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/y.udum>

### Uluslararası Araştırmacı ID'leri

ScholarID: rg7DCt4AAAAJ

ORCID: 0000-0003-0711-2139

ScopusID: 7801691625

Yoksis Araştırmacı ID: 133530

### Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 1999 - 2004

Yüksek Lisans, Mersin Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Türkiye 1996 - 1998

Lisans, Gazi Üniversitesi, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Türkiye 1990 - 1994

### Yaptığı Tezler

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### Araştırma Alanları

Kimya

### Akademik Unvanlar / Görevler

Prof. Dr., Gazi Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri Bölümü, 2018 - Devam Ediyor

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### Akademik İdari Deneyim

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- II. **Do Isokinetic Strength and Shoulder Mobility Influence Ball Velocity? A Study of Female Badminton Players**  
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- IV. **The Effect of Core Strength Training on Free Throw and Vertical Jump Performance in Basketball**  
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- V. **Reflection of Leisure Literacy on Reading Habits**  
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- VI. **Does Participation in Outdoor Sports Affect Environmental Attitudes? A Research on University Students**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **A Novel 5,6-bis(octyloxy)-2,1,3 Benzooxadiazole Based Donor-Acceptor Random Copolymer for Efficient Organic Photovoltaic Devices**  
GÖKER S., HIZALAN ÖZSOY G., UDUM Y., TOPPARE L. K.  
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- II. **Novel Bifunctional Polymer as High Performance Electrochromic Material**  
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253rd American Chemical Society National Meeting Exposition, 2 - 06 Nisan 2017
- III. **Synthesis, Electrochemical and Spectroelectrochemical Characterization of Quinoxaline-Based Conjugated Polymers for Organic Photovoltaics**  
Yaşa M., GÖKER S., UDUM Y., GÜNBAŞ E. G., TOPPARE L. K.  
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- IV. **Syntheses, electrochemical and spectroelectrochemical characterizations of quinoxaline-based**



## **conjugated polymers for organic photovoltaics**

Yasa M., Goker S., UDUM Y., Gunbas G., TOPPARE L. K.

253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Kostarika, 2 - 06 Nisan 2017, cilt.253

- V. **High performance electrochromic material shows voltage-dependent fluorescence change**  
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253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Kostarika, 2 - 06 Nisan 2017, cilt.253
- VI. **Modification of Quinoxaline on the Polymeric Materials for Optoelectronic Devices**  
CEVHER Ş. C., Temiz C., HIZALAN ÖZSOY G., UDUM Y., TOPPARE L. K., ÇIRPAN A.  
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- VII. **Incorporation of Different Conjugated Linkers into Low Band Gap Polymers Based on 5,6-bis(2,2,3-benzoxadiazole) for Tuning Efficiency of Organic Photovoltaics**  
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- VIII. **Synthesis and Characterization of Conducting Polymers Containing Polypeptide and Ferrocene Side Chains as Ethanol Biosensors**  
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- X. **Conducting polymer based efficient surface design for the detection of cholesterol**  
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- XI. **Synthesis Electrochromic And Optical Properties Of Thiophene And Thienothiophene Containing Conductive Polymers**  
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- XII. **Tiyofen ve Tiyeno 3,2-b tiyofen İçeren İletken Polimerlerin Sentezi Elektrokromik ve Optik Özelliklerinin incelenmesi**  
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- XIV. **Inverted bulk heterojunction solar cell with cross linked hole blocking layer**  
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- XVI. **Synthesis and Electrochemical Characterization of Benzoxadiazole Derivative**  
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- XXVII. **Electrochemical Oxidation of 4 methyl carbazol 3 carboxylic acid**  
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- XXVIII. **Electrochemistry of Conducting Aniline Thiophene Copolymers**  
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- XXIX. **Sülfolanmış ve aşırı yükseltgenmiş polipirrol film elektrotları ile yüksek tuz içerikli sularda katyon analizi**  
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- XXX. **Electrochemical control of solid phase microextraction using conducting polymer for the analysis of ionic species**  
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- XL. **Electrochemical Synthesis and Characterization of Polypyrrole Polyaniline Copolymers In Protic and Aprotic Medium**  
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## **Desteklenen Projeler**

UDUM Y., Yükseköğretim Kurumları Destekli Proje, DONÖR-AKSEPTÖR TİPİ TİYOFEN VE TİYENOTİYOFEN İÇEREN İLETKEN POLİMERLERİN SENTEZİ, ELEKTROKROMİK VE OPTİK ÖZELLİKLERİNİN İNCELENMESİ, 2014 - 2016

UDUM Y., Yükseköğretim Kurumları Destekli Proje, Donör-Akseptör-Donör Tipi İletken Polimerlerin Elektronik ve Optik Özelliklerine Donör Grupların Etkisi, 2011 - 2012

UDUM Y., Yükseköğretim Kurumları Destekli Proje, YENİ BİR İLETKEN POLİMERİN SENTEZİ, KARAKTERİZASYONU VE ELEKTROKROMİK ÖZELLİKLERİ, 2010 - 2012

## **Metrikler**

Yayın: 132

Atf (WoS): 1436

Atf (Scopus): 1538

H-İndeks (WoS): 21

H-İndeks (Scopus): 23

## **Burslar**

Optimization of Manufacturing Process of Polyaniline-Dodecyl Benzenesulfonic Acid Films for Organic Electronic Applications, TÜBİTAK, 2021 - 2023

Inverted Bulk-Heterojunction Solar Cells, YÖK, 2014 - 2014

Binalarda ve Taşıtlarda Renk Değişimi ile Isı ve Işık Kontrolü Sağlayan Akıllı Camların Üretimi, TÜBİTAK, 2007 - 2008

## **Akademi Dışı Deneyim**

Üniversite, University of the West of England, Applied Sciences, England

Üniversite, Johannes Kepler Üniversitesi, Institute of Physical Chemistry and Linz Institute for Organic Solar Cells, Austria

Üniversite, Orta Dogu teknik Üniversitesi, Kimya Bölümü