

# Prof. ALİ TUNCAY ÖZYILMAZ

## Personal Information

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## Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Turkey 2000 - 2004

Postgraduate, Turkey 1997 - 1999

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Turkey 1990 - 1996

## Foreign Languages

English

## Dissertations

Doctorate, Elektrokimyasal olarak oluşturulacak polianilin (PANI) kaplamanın demirli malzemelerin korozyon davranışları üzerine etkisinin incelenmesi, Cukurova University, Fen Bilimleri Enstitüsü, 2004

Postgraduate, Demirin elektrokimyasal olarak polianilinle kaplanması, 1999

## Academic Titles / Tasks

Professor, 2015 - Continues

Associate Professor, 2008 - 2015

2005 - 2011

Research Assistant, 2005 - 2005

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, 2000 - 2005

Research Assistant, 1997 - 2000

## Academic and Administrative Experience

Hatay Mustafa Kemal University, 2023 - Continues

Hatay Mustafa Kemal University, 2017 - Continues

2016 - Continues

2015 - Continues

2015 - Continues

2019 - 2022

2018 - 2021

2017 - 2019  
2015 - 2016  
2011 - 2015  
2010 - 2012  
2010 - 2011  
2010 - 2011  
2010 - 2011  
2005 - 2008

## Courses

ELEKTROLİT ÇÖZELTİLER I, Undergraduate Double Major, 2018-2019, 2010-2011, 2009-2010  
TEMEL KİMYA I, Undergraduate, 2018-2019, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011  
İLERİ KOROZYON I, Undergraduate Double Major, 2018-2019, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2006-2007  
ELEKTRİKSEL ÇİFT TABAKA, Undergraduate Double Major, 2018-2019, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2006-2007  
ELEKTROKİMYA, Undergraduate Double Major, 2018-2019, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007  
FİZİKOKİMYA III, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008  
TEMEL KİMYA II, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2009-2010  
KOROZYON II, Undergraduate, 2014-2015, 2010-2011, 2008-2009, 2007-2008, 2006-2007  
İLERİ KOROZYON II, Undergraduate Double Major, 2014-2015, 2012-2013, 2011-2012, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007  
İLETKEN POLİMERLER, Undergraduate Double Major, 2014-2015, 2013-2014, 2012-2013, 2011-2012, 2010-2011, 2006-2007  
GENEL KİMYA , Undergraduate, 2013-2014, 2012-2013, 2010-2011, 2009-2010, 2008-2009, 2007-2008, 2006-2007  
KOROZYON I, Undergraduate, 2008-2009, 2007-2008, 2006-2007  
Genel Kimya II, Undergraduate, 2006-2007  
ORGANİK KİMYA, Undergraduate, 2006-2007, 2005-2006  
ORGANİK KİMYA I , Undergraduate, 2006-2007  
Temel Kimya Lab. II, Undergraduate, 2005-2006  
ORGANİK KİMYA III, Undergraduate, 2005-2006  
ORGANİK KİMYA II, Undergraduate, 2005-2006

## Advising Theses

ÖZYILMAZ A. T., Paslanmaz Çelik Elektrotların Yüzeylerinde Oluşturulan Farklı Tabakalar ile Antifouling ve Antikorozyif Davranışların Geliştirilmesi, Doctorate, İ.FİLİZİ(Student), 2023  
ÖZYILMAZ A. T., Dişçilikte kullanılan paslanmaz çeliğin polietilen glikol (PEG) içeren nikel-krom alaşımı ile kaplanması ve yapay tükürük ortamında korozyon davranışının belirlenmesi, Postgraduate, G.DALĞIÇ(Student), 2023  
ÖZYILMAZ A. T., Dişçilikte kullanılan niti alaşım tel yüzeyine CoCr ve CoCrMo alaşımların kaplanması ve korozyon dirençlerinin belirlenmesi, Postgraduate, G.ELSÜLEYMAN(Student), 2022  
ÖZYILMAZ A. T., Paslanmaz çelik yüzeyinde nizefe2o4 nanopartikül ve schiff baz varlığında sentezlenen poli (o-aminobenzil alkol)'ün antikorozyif özellikleri, Postgraduate, B.ÖZGEN(Student), 2021  
ÖZYILMAZ A. T., ZnNiMo alaşım kaplanmış bakır yüzeyine sentezlenen polipirol ve poli(n-metilpirol) homopolimer

filmlerin sentez koşullarının yanıt yüzey yöntemi ile optimizasyonu, Postgraduate, Ç.SÜRMEİÖĞLU(Student), 2019

ÖZYILMAZ A. T., ZnNiMo alaşımı kaplanmış bakır yüzeyine sentezlenen polianilin ve poli(o-Anisidin) homopolimer filmlerinin sentez koşullarının yanıt yüzey yöntemi ile optimizasyonu, Postgraduate, İ.FİLİZİ(Student), 2018

ÖZYILMAZ A. T., Karbon çeliğinin çinko-demir (ZnFe) alaşım kaplama yüzeyinde üst katman olarak kopolimer filmlerin sentezi, Postgraduate, T.ÇAMURCU(Student), 2018

ÖZYILMAZ A. T., Çinko kaplanmış sanayi çeliğinin korozyon performansını artırmak için uygulamalar, Postgraduate, İ.ALKAYA(Student), 2016

ÖZYILMAZ A. T., Zn, Zn-Fe ve Zn-Fe-Co kaplanmış karbon çeliğin korozyon direncinin iki farklı ortamda sentezlenen Poli(o-anisidin-co-pirol-co-N-metilpirol) ve poli(anilin-co-pirol-co-N-metilpirol) terpolimer filmler ile geliştirilmesi, Postgraduate, F.ÇOLAK(Student), 2016

ÖZYILMAZ A. T., Çinko kaplanmış karbon çeliğinin korozyon direncinin iki farklı ortamda sentezlenen polipirol ve poli (n-metilpirol) ile geliştirilmesi, Postgraduate, J.NATALİE(Student), 2015

ÖZYILMAZ A. T., Nanopartikülle modifiye edilmiş polianilin türevli enzim elektrotlarının optimizasyonu ve karakterizasyonu, Postgraduate, E.İREM(Student), 2015

ÖZYILMAZ A. T., Çinko, çinko-demir ve çinko-demir-kobalt ile kaplanmış karbon çelik yüzeyine poli(anilin-co-o-anisidin-co-pirol) ve poli(anilin-co-o-anisidin-co-n-metilpirol) terpolimerlerin iki farklı ortamda sentezi ve korozyon performansları, Postgraduate, B.AVŞAR(Student), 2015

ÖZYILMAZ A. T., Alaşım kaplı karbon çelik yüzeyindeki homopolimer, kopolimer ve terpolimer filmlerin davranışları, Doctorate, A.AKDAĞ(Student), 2014

ÖZYILMAZ A. T., Demirli malzeme yüzeylerinde kopolimer filmlerin sentezi ve korozyon performanslarının incelenmesi, Postgraduate, H.AYSUN(Student), 2012

ÖZYILMAZ A. T., Elektrokimyasal yollarla ikili metal çöktürme koşullarının araştırılması, Postgraduate, Y.SARI(Student), 2012

ÖZYILMAZ A. T., Polianilin, poli(N-metilanilin) ve kopolimerlerinin paslanmaz çelik yüzeyine sentezi ve korozyon performansları, Postgraduate, A.AKDAĞ(Student), 2009

ÖZYILMAZ A. T., Polipirol, poli (n-metil pirol) ve kopolimerlerinin sentezi ve uygulamaları, Postgraduate, O.YİĞİTOĞLU(Student), 2009

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

- I. **Nanoparticle and Schiff Base Compound in Poly(O-Aminobenzyl Alcohol) Coating for Protection of 316L Stainless Steel against Corrosion**  
ÖZYILMAZ A. T., Celik C., Ozgen B.  
Journal of Nano Research, vol.75, pp.99-119, 2022 (SCI-Expanded)
- II. **Amperometric Glucose Biosensor Based on Homopolymer-Chitosan Double Layered Glucose Oxidase Electrode Modified with Zinc Oxide Nanoparticles**  
ÖZYILMAZ G., ÖZYILMAZ A. T., Bayram E. İ., Akyüreköğlü R. H.  
ACTA CHIMICA SLOVENICA, vol.66, pp.950-957, 2019 (SCI-Expanded)
- III. **Poly(2-chloroaniline) and poly(aniline-co-2-chloroaniline) films on ZnFe alloy plating**  
Akdag A., ÖZYILMAZ G., ÖZYILMAZ A. T.  
Anti-Corrosion Methods and Materials, vol.65, no.6, pp.580-586, 2018 (SCI-Expanded)
- IV. **Poly(N-methylpyrrole) film on ZnNi plated carbon steel electrode**  
Akdag A., ÖZYILMAZ A. T.  
Acta Chimica Slovenica, vol.64, no.2, pp.312-318, 2017 (SCI-Expanded)
- V. **The formation of passive layers on zinc based platings**  
ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
Acta Chimica Slovenica, vol.63, no.4, pp.809-821, 2016 (SCI-Expanded)
- VI. **Different copolymer films on ZnFeCo particles: Synthesis and anticorrosion properties**  
ÖZYILMAZ A. T., Avsar B., ÖZYILMAZ G., KARAHAN İ. H., Camurcu T., Colak F.  
Applied Surface Science, vol.318, pp.262-268, 2014 (SCI-Expanded)

- VII. **Electrochemical synthesis of polyaniline films on zinc-cobalt alloy deposited carbon steel surface in sodium oxalate**  
 ÖZYILMAZ A. T., Akdag A., KARAHAN İ. H., ÖZYILMAZ G.  
 Progress in Organic Coatings, vol.77, no.4, pp.872-879, 2014 (SCI-Expanded)
- VIII. **Anticorrosive properties with catalytic behaviour of primer PANI film and top PPy coating synthesised in presence of novel norephedrine based amino alcohol compound**  
 ÖZYILMAZ A. T., AYDIN A. E., Akdag A.  
 Transactions of the Institute of Metal Finishing, vol.92, no.1, pp.34-40, 2014 (SCI-Expanded)
- IX. **Polyaniline, poly(N-methylaniline) and poly(aniline-co-N-methylaniline) coatings on stainless steel**  
 ÖZYILMAZ A. T., Akdag A.  
 Transactions of the Institute of Metal Finishing, vol.89, no.4, pp.215-224, 2011 (SCI-Expanded)
- X. **Glucose oxidase-polypyrrole electrodes synthesized in p-toluenesulfonic acid and sodium p-toluenesulfonate**  
 ÖZYILMAZ G., ÖZYILMAZ A. T., CAN F.  
 Applied Biochemistry and Microbiology, vol.47, no.2, pp.196-205, 2011 (SCI-Expanded)
- XI. **Electrochemical synthesis of poly (aniline-coo-anisidine) coatings on brass: Corrosion protection properties**  
 ÖZYILMAZ A. T., ÖZYILMAZ G., Çolak N.  
 Corrosion Engineering Science and Technology, vol.44, no.1, pp.12-19, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Conducting Polymer Films on Zn Deposited Carbon Electrode**  
 ÖZYILMAZ A. T.  
 Natural and Engineering Sciences, vol.8, no.2, pp.129-139, 2023 (Scopus)
- II. **Glucose-Sensitive Biosensor Design by Zinc Ferrite (ZnFe<sub>2</sub>O<sub>4</sub>) Nanoparticle-Modified Poly (o-toluidine) Film**  
 ÖZYILMAZ A. T., Bayram E. I.  
 Natural and Engineering Sciences, vol.8, no.3, pp.202-213, 2023 (Scopus)
- III. **PANi/PPy and PANi Films on ZnNi Alloy Coated Carbon Steel; Electrochemical Syntheses and Corrosion Performances**  
 Filazi İ., ÖZYILMAZ A. T.  
 Eurasian Journal of Biological and Chemical Sciences, no.1, pp.15-21, 2022 (Peer-Reviewed Journal)
- IV. **Optimization of Graphite-Mineral Oil Ratio With Response Surface Methodology in Glucose Oxidase Based Carbon Paste Electrode Design**  
 Yağız E., ÖZYILMAZ G., ÖZYILMAZ A. T.  
 Natural and Engineering Sciences, vol.7, no.1, pp.22-33, 2022 (Scopus)
- V. **Evaluation of the surface properties of modified Ni-Ti arch wires**  
 Yılmaz H., Bilgiç F., Özyılmaz A. T.  
 International Dental Research, vol.11, no.Supplement 1, pp.167-175, 2021 (Peer-Reviewed Journal)
- VI. **Synthesis of Poly (Aniline-Co-O-Anisidine) Film in Electrolyte Mixture and Its Anticorrosion Behavior**  
 ÖZYILMAZ A. T.  
 Natural and Engineering Sciences, vol.6, no.3, pp.197-207, 2021 (Scopus)
- VII. **Poly(O-aminobenzyl alcohol) films with and without organic compound on aisi 316 surface; synthesis and the corrosion performances**  
 ÖZYILMAZ A. T., Ozgen B., Celik C.  
 Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.2, pp.375-382, 2020 (Scopus)
- VIII. **Using Response Surface Methodology for Amperometric Glucose Biosensor Construction**  
 ÖZYILMAZ G., ÖZYILMAZ A. T., Ağçam S.

Natural and Engineering Sciences, vol.3, no.1, pp.1-15, 2018 (Peer-Reviewed Journal)

- IX. **Poly (N-Methylpyrrole)-Chitosan layers for Glucose Oxidase Immobilization for Amperometric Glucose Biosensor Design**  
ÖZYILMAZ G., ÖZYILMAZ A. T., Akyüreköğlü R. H.  
Natural and Engineering Sciences, vol.2, no.3, pp.123-134, 2017 (Peer-Reviewed Journal)
- X. **THE INFLUENCE OF POLYPYRROLE COATING ON CORROSION BEHAVIOR OF ZnNi DEPOSITED COPPER ELECTRODE**  
ÖZYILMAZ A. T., ÇOLAK N., Surmelioglu C., Filazi İ.  
Technological Applied Sciences, vol.12, no.1, pp.16-24, 2017 (Peer-Reviewed Journal)
- XI. **The Corrosion Performance of CrCoMo Alloy Deposited Stainless Steel Immersed in Artificial Saliva**  
ÖZYILMAZ G., ÖZYILMAZ A. T., Filazi İ., SÜRMEİİOĞLU Ç.  
SciTz Dentistry: Research & Therapy, vol.1, no.1, pp.1-7, 2016 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Optimization of operating conditions of the glucose biosensor constructed with copolymer films of pyrrole and N-methylpyrrole**  
AĞÇAM S., ÖZYILMAZ G., ÖZYILMAZ A. T.  
9. Ankara International Congress on Scientific Research, Ankara, Turkey, 26 - 28 December 2023
- II. **OPTIMIZATION OF WORKING CONDITIONS OF GLUCOSE BIOSENSORS CONSTRUCTED BY COPOLYMER FILM OF PYRROLE AND N-METHYLPYRROLE**  
Ağçam S., ÖZYILMAZ G., ÖZYILMAZ A. T.  
9th ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH, Ankara, Turkey, 26 - 29 December 2023, pp.857-867
- III. **Optimization of Electropolymerization Conditions for Enhanced Anticorrosive Resistance of 2,6-Benzophenone on AISI316L: A Response Surface Methodology Approach**  
FİLİZİ İ., ÖZYILMAZ A. T., ÖZYILMAZ G., ÇELİK C.  
2. International Karatekin Science and Technology Conference, Çankırı, Turkey, 21 - 22 December 2023
- IV. **Optimization of electropolymerization conditions for enhanced anticorrosive resistance of 2,6-Benzophenone on AISI316L: A Response surface methodology approach**  
Filazi İ., ÖZYILMAZ A. T., ÖZYILMAZ G., ÇELİK C.  
2ND INTERNATIONAL KARATEKİN SCIENCE AND TECHNOLOGY CONFERENCE, Çankırı, Turkey, 21 - 22 December 2023, pp.150-155
- V. **EFFECTS OF POLYRHODANINE ADDED POLYANILINE COATINGS ON ANTIFOULING**  
ERDOĞAN C., ÖZYILMAZ G., ÖZYILMAZ A. T.  
INTERNATIONAL EUROASIA Congress on Scientific Researches and Recent Trends 12, Ankara, Turkey, 29 - 30 November 2023, pp.692-700
- VI. **Effects of polyrhodanine added polyaniline coatings on antifouling**  
ERDOĞAN C., ÖZYILMAZ G., ÖZYILMAZ A. T.  
12th Eurasia Summit Scientific Research and Current Developments Congress, Ankara, Turkey, 29 - 30 November 2023
- VII. **Antifouling and anticorrosive performances of steels coated with homo-, co- and ter-polymers of aniline and its derivatives**  
ÖZYILMAZ G., Özkan O., ERDOĞAN C., ÖZYILMAZ A. T.  
12th Eurasia Summit Scientific Research and Current Developments Congress, Ankara, Turkey, 29 - 30 November 2023
- VIII. **Antifouling and anticorrosion performances of ZnO, TiO<sub>2</sub> and SiO<sub>2</sub> nanoparticles containing polypyrrole coated steel surfaces in the marine environment**  
ERDOĞAN C., ÖZYILMAZ G., ÖZYILMAZ A. T.  
5 th Eurasia Biochemical Approaches & Technologies Congress (EBAT), Antalya, Turkey, 2 - 05 November

2023

- IX. EFFECT OF CONDUCTIVITE POLYMER COATINGS CONTAINING OLIVE LEAF EXTRACT ON BIOFOULUNG AND CORROSION**  
ERDOĞAN C., ÖZYILMAZ G., ÖZYILMAZ A. T., Ağçam S.  
4th Eurasia Biochemical Approaches & Technologies, Turkey, 06 November 2022
- X. Marine Antifouling Properties of Enzyme Modified Polyaniline Coated Stainless Steel Surface**  
Üstükarıcı H., ÖZYILMAZ G., ÖZYILMAZ A. T.  
4th Eurasia Biochemical Approaches & Technologies, Turkey, 06 November 2022
- XI. INVESTIGATION OF THE EFFECTS OF ELECTROLYTES USED IN ELECTROCHEMICAL SYNTHESIS OF POLYANILINE AND POLY(o-ANISIDINE) ON ANTIBIOFILM PROPERTIES OF POLYMERS IN MARINE ENVIRONMENT**  
Üstükarıcı H., ÖZYILMAZ G., ÖZYILMAZ A. T.  
AL-FARABI 4th INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Erzurum, Turkey, 19 August 2022, pp.170-178
- XII. 1st International Dental Research and Health Sciences Congress**  
YILMAZ H., BİLGİÇ ZORTUK F., ÖZYILMAZ A. T.  
IDR, Turkey, 20 - 22 May 2021
- XIII. Nanopartikül Varlığında Sentezlenen Poli(o-aminobenzil alkol) Filmlerin Korozyon Performanslarının İncelenmesi**  
ÖZYILMAZ A. T., ÖZGEN B., ÇELİK C.  
EurasianBioChem 2020, 19 - 20 March 2020
- XIV. AISI 316 üzerine organik madde varlığında sentezlenen poli(o-aminobenzil alkol) filmlerin korozyon performanslarının incelenmesi**  
ÖZYILMAZ A. T., Özgen B., ÇELİK C.  
2nd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019, pp.239
- XV. Organik Madde Varlığında Sentezlenen Poli (N-etilanilin) Kaplamanın Korozyon Performansı**  
ÖZYILMAZ A. T., SÜRMEİOĞLU Ç., FİLİZİ İ., ÇELİK C.  
XVth International Corrosion Symposium, 26 - 28 September 2018
- XVI. INVESTIGATION of CORROSION PERFORMANCE of POLY(o-ANISIDINE) FILMS SYNTHESIZED ON ZnNi and ZnNiMo COATED COPPER SURFACE**  
ÖZYILMAZ A. T., Filazi İ., SÜRMEİOĞLU Ç., ÖZYILMAZ G.  
XVth International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018, pp.353-368
- XVII. CORROSION PERFORMANCE OF POLY (N-ETHYL ANILINE) COATED SYNTHESIS IN ORGANIC MATTER**  
ÖZYILMAZ A. T., SÜRMEİOĞLU Ç., Filazi İ., ÇELİK C.  
XVth International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018, pp.237-242
- XVIII. INVESTIGATION of THE EFFECT of ADDITIVE and ELECTROLYTE CONCENTRATIONS ON CORROSION and ELECTRICAL RESISTANCE of POLYPYRROLE COATING by STATISTICAL EXPERIMENTAL DESIGN TECHNIQUES**  
ÖZYILMAZ A. T., Filazi İ., Aydın A. E., SÜRMEİOĞLU Ç., ÖZYILMAZ G.  
XVth International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018, pp.343-352
- XIX. ZnNiMo ALAŞIM KAPLI BAKIR YÜZEYİNDE POLİPİROL FİLM SENTEZİ İÇİN YANIT YÜZEY YÖNTEMİNİN UYGULAMASI**  
ÖZYILMAZ G., SÜRMEİOĞLU Ç., Filazi İ., ÖZYILMAZ A. T.  
XVth International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018, pp.67-68
- XX. Poly(aniline-co-N-methylpyrrole) Copolymer Film on Zinc-Cobalt Plated Electrode**  
AKDAĞ A., ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
IV. International Academic Research Congress, Antalya, Turkey, 30 September - 03 October 2018
- XXI. Poly(aniline-co-o-phenylenediamine) Coating on ZnFe Plated Carbon Steel**  
AKDAĞ A., ÖZYILMAZ A. T.  
IV. International Academic Research Congress, Antalya, Turkey, 30 September - 03 October 2018

- XXII. **Investigation of Corrosion resistance of polypyrrole film synthesized with limonene additive on AISI 316L steel**  
ÖZYILMAZ A. T., Filazi İ., GÖKTÜRK E., Reyhanoğlu Y., Sürmelioglu Ç.  
XVth International Corrosion Symposium, 26 - 28 September 2018
- XXIII. **Corrosion Behaviour of Poly(N-methylaniline) Film on ZnNi Plated Carbon Steel**  
AKDAĞ A., ÖZYILMAZ A. T.  
XV. International Corrosion Symposium, Hatay, Turkey, 26 - 28 September 2018
- XXIV. **The corrosive effect of iodine solution in different concentrations used for disinfection surgical instruments**  
ÖZYILMAZ A. T., ATASEVEN V. S., Demiral A., Sürmelioglu Ç.  
XV. International Corrosion Symposium, 26 - 28 September 2018
- XXV. **Investigation of corrosion performance of molybdate doped polypyrrole and poly(N-methylpyrrole) synthesized on ZnNi alloy coated copper surface**  
ÖZYILMAZ A. T., SÜRMEİİOĞLU Ç., Filazi İ., ÖZYILMAZ G.  
3.ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ PROGRAMI, Gaziantep, Turkey, 21 - 22 June 2018, pp.4043-4051
- XXVI. **Anticorrosive Behaviour Of The PPY Coating Synthesized In Presence Of (E)-Chalcone Compound**  
ÖZYILMAZ A. T., Filazi İ., AYDIN A. E., Sürmelioglu C., Ozyilmaz G.  
UMTEB III. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 22 June 2018, vol.4
- XXVII. **Polypyrrole Film on Zinc-Nickel Plated Carbon Steel Synthesis and Corrosion Behaviour**  
AKDAĞ A., ÖZYILMAZ A. T.  
I. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018
- XXVIII. **Anticorrosive Properties of Poly(aniline-co-o-anisidine) Copolymer Film On Zinc-Cobalt Plated Carbon Steel**  
AKDAĞ A., ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
I. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018
- XXIX. **The Influence of Poly(pyrrole-co-N-methylpyrrole) Film Coating On Zinc Nickel Coated Electrode**  
AKDAĞ A., ÖZYILMAZ A. T., ÖZYILMAZ G.  
II. International Academic Researches Congress, Antalya, Turkey, 18 - 21 October 2017
- XXX. **Poly(pyrrole-co-o-anisidine) Film on ZnCo Plated Metal Surface**  
AKDAĞ A., ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
II. International Academic Researches Congress, Antalya, Turkey, 18 - 21 October 2017
- XXXI. **Application of Response Surface Methodology to Optimize Fabrication of a Glucose Oxidase Based Biosensor**  
ÖZYILMAZ G., ULUCA H., ÖZYILMAZ A. T.  
8TH INTERNATIONAL ADVANCED TECHNOLOGIES SYMPOSIUM, Elazığ, Turkey, 19 - 22 October 2017, pp.128
- XXXII. **As a conducting redox polymer in biosensors: Polyrhodanine**  
ULUCA H., ÖZYILMAZ G., ÖZYILMAZ A. T.  
The International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 22 October 2017, pp.38
- XXXIII. **Corrosion Behaviors of ZnNi and ZnNiMo Alloy Coated Copper Electrodes**  
ÖZYILMAZ A. T., SÜRMEİİOĞLU Ç., Filazi İ., ÖZYILMAZ G.  
The International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 22 October 2017, pp.1296-1301
- XXXIV. **The Corrosion Performance of Poly(N-Methyl Pyrrole) Film Synthesized on ZnNiMo Alloy Coated Copper Surface**  
ÖZYILMAZ A. T., SÜRMEİİOĞLU Ç., Filazi İ., ÖZYILMAZ G.  
The International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 22 October 2017, pp.16
- XXXV. **THE CORROSION PERFORMANCE OF PANI-co-PPY COPOLYMER FILM COATED ZINCCOBALT PLATED CARBON STEEL**  
AKDAĞ A., ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
II. International Academic Researches Congress, Antalya, Turkey, 18 - 21 October 2017, pp.448

- XXXVI. **Improving the Corrosion Resistance of Zinc-Iron Plated Electrodes by Poly(o-anisidine) and poly(o-anisidine-co-aniline) Coatings**  
AKDAĞ A., ÖZYILMAZ A. T.  
International Congress on Fundamental and Applied Sciences, Sarajevo, Bosnia And Herzegovina, 21 - 25 August 2017
- XXXVII. **Anticorrosive Behaviour of Poly(o-phenylenediamine) and Poly (o-phenylenediamine -co-pyrrole) Coatings on Alloy Plated Electrode**  
AKDAĞ A., ÖZYILMAZ A. T.  
International Congress on Fundamental and Applied Sciences, Sarajevo, Bosnia And Herzegovina, 21 - 25 August 2017
- XXXVIII. **Glucose, Sucrose and Lactose Sensitive Amperometric Biosensor Construction by Poly(o-anisidine) Coated Carbon Paste Electrode**  
ÖZYILMAZ G., ÖZYILMAZ A. T., YAGIZ E.  
INTERNATIONAL CONFERENCE ON ADVANCE AND INNOVATIONS IN ENGINEERING, Elazığ, Turkey, 10 - 12 May 2017, pp.24-25
- XXXIX. **Application of Response Surface Methodology for Synthesis of Polyaniline Film on ZnNiMo Alloy Coated Copper Surface**  
ÖZYILMAZ G., Filazi İ., SÜRMEİOĞLU Ç., ÖZYILMAZ A. T.  
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- XL. **Design of an amperometric biosensor using polyaniline film to measure glucose concentration**  
ÖZYILMAZ G., ULUCA H., ÖZYILMAZ A. T.  
International Congress on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.899
- XLI. **Response surface methodology for construction of polyrhodanine based amperometric biosensor**  
ÖZYILMAZ G., ULUCA H., ÖZYILMAZ A. T.  
International Congress on Agriculture, Forest, Food Sciences and Technologies, ICAFOF 2017, Nevşehir, Turkey, 15 - 17 May 2017, pp.930-931
- XLII. **Investigation of the effect of Oxalate and Tartrate concentration for passive layer formation on Carbon Steel**  
ÇOLAK N., ÖZYILMAZ G., ÖZYILMAZ A. T.  
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.158
- XLIII. **Homopolymer films on ZnFeCo alloy deposited carbon steel electrode for corrosion protection**  
ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.160
- XLIV. **Construction of glucose biosensor using poly(pyrrole-co-N-methylpyrrole)**  
ÖZYILMAZ G., ÖZYILMAZ A. T., AGÇAM S.  
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.26-27
- XLV. **The Synthesis of Poly(o aminobenzylalcohol) on Stainless Steel**  
ÇOLAK N., YILMAZ S., ÖZYILMAZ A. T.  
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.157
- XLVI. **Effect of Terpolymer Films on the Corrosion Protection of ZnFe Alloy Deposited Carbon Steel**  
ÖZYILMAZ A. T., ÖZYILMAZ G., KARAHAN İ. H.  
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.159
- XLVII. **CoCr KAPLANMIŞ PASLANMAZ ÇELİĞİN (316L) IN-VIVO ORTAMDA KOROZYON PERFORMANSININ İNCELENMESİ**



ÖZYILMAZ A. T., ÖZYILMAZ G., SÜRMEİOĞLU Ç., Filazi İ., ÇOLAK N.

1th International Congress On Vocational and Technical Sciences (UMTEB-I), Batumi, Georgia, 8 - 10 April 2017, pp.8-9

- XLVIII. **ZnNiMo Alaşımı Kaplı BakırElektrodun KorozyonDavranışına Molibdat TuzuDerişimi Etkisinin İncelenmesi**  
ÖZYILMAZ A. T., Filazi İ., SÜRMEİOĞLU Ç.  
1st International Congress on Vocational and Technical Sciences (UMTEB-I), Batumi, Georgia, 8 - 10 April 2017, pp.141-142
- XLIX. **KİMYASAL SENTEZLENEN POLY(o-aminobenzilalkol-ko-N-metilpirol)FİLMİN PASLANMAZ ÇELİK YÜZEYİNDE ANTİKOROZİF DAVRANIŞI**  
ÇOLAK N., YILMAZ S., ÖZYILMAZ A. T.  
1th International Congress On Vocational and Technical Sciences (UMTEB-I), Batumi, Georgia, 8 - 10 April 2017, pp.120-121
- L. **GLUKOZ, SÜKROZ VE LAKTOZ BİYOSENSÖRÜ TASARIMINDAPOLİ(ANİLİN-co-o-ANİSİDİN) KAPLI KARBON PASTA ELEKTROT KULLANIMI**  
ÖZYILMAZ G., YAGIZ E., ÖZYILMAZ A. T.  
1th International Congress On Vocational and Technical Sciences (UMTEB-I), Batumi, Georgia, 8 - 10 April 2017, pp.36-37
- LI. **ZnNiMo Kaplanmış Yumuşak Çelik Yüzeyine Sentezlenen PANi ve PANi PPy Filmlerinin Korozyon Performanslarının İncelenmesi**  
ÖZYILMAZ A. T., Filazi İ., Sürmelioglu Ç.  
XIV. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 - 07 October 2016, pp.272-282
- LII. **CoNiMo Kaplanmış Bakır Yüzeyine Sentezlenen Poli o aminobenzil alkol ko pirol Filminin Korozyon Performansının İncelenmesi**  
ÖZYILMAZ A. T., Filazi İ., Sürmelioglu Ç.  
XIV. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 - 07 October 2016, pp.262-271
- LIII. **Poli N metilpirol co o aminobenzilalkol Kaplı Paslanmaz Çelik Elektrotların Farklı Derişimdeki Korozyon Performansları**  
ÇOLAK N., Yılmaz S., ÖZYILMAZ A. T.  
XIV. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 - 07 October 2016, pp.283-289
- LIV. **The Influence of Polypyrrole Coating on Corrosion Behaviour of ZnNi deposited Copper Electrode**  
ÇOLAK N., ÖZYILMAZ A. T., Sürmelioglu Ç., Filazi İ.  
XIV. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 - 07 October 2016, pp.254-261
- LV. **Farklı Sıcaklıklarda Sentezlenen Metalik Kaplama Yüzeyinde Polianilinin Korozyon Performansı**  
ÖZYILMAZ A. T., Sürmelioglu C., Filazi İ.  
XIV. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 October - 07 September 2016, pp.608-614
- LVI. **Poli N metil anilin ve Poli o amino benzil alkol ün Farklı Ortamlarda Paslanmaz Çelik Üzerine Sentezi ve Korozyon Performansının İncelenmesi**  
ÖZYILMAZ A. T., Sürmelioglu C., Filazi İ.  
XIV. Uluslararası Korozyon Sempozyumu, Bayburt, Turkey, 5 October - 07 September 2016, pp.486-495
- LVII. **Electrochemical Preparation of Poly 2 chloroaniline and Poly aniline co 2 chloroaniline Modified ZnFe Films on Carbon Steel Surface and Their Corrosion Performance**  
Akdag A., ÖZYILMAZ A. T.  
Science & Applications of Thin Films, Conference & Exhibition, İzmir, Turkey, 19 - 23 September 2016
- LVIII. **Protective Properties of Poly N methylpyrrole Film on ZnNi Plated Carbon Steel**  
Akdag A., ÖZYILMAZ A. T.  
Science & Applications of Thin Films, Conference & Exhibition, İzmir, Turkey, 19 - 23 September 2016
- LIX. **Anticorrosive Properties of Poly(pyrrole-co-2-chloroaniline) on Alloy Plated Electrode**  
Akdag A., ÖZYILMAZ A. T.  
28th National Chemistry Congress, 15 - 21 August 2016
- LX. **Corrosion Behaviour of Poly(N-Ethylaniline) Film on Zinc-Nickel Plated Carbon Steel**

Akdag A., ÖZYILMAZ A. T.

28th National Chemistry Congress, 15 - 21 August 2016

- LXI. **The co immobilized enzyme system for lactose sensitive biosensor**  
Yagız E., ozyilmaz g., ÖZYILMAZ A. T.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXII. **The electrocatalytic behavior of copolymer films on ZnFeCo deposited carbon steel electrode**  
ÖZYILMAZ A. T., Ozyilmaz G., Karahan İ. H.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXIII. **Glucose oxidase immobilization on poly o toluidine coated Pt electrode for amperometric biosensor**  
ÖZYILMAZ A. T., Bayram E. İ., Ozyilmaz G.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXIV. **Response surface methodology for optimization of construction of amperometric glucose biosensor**  
Ozyilmaz G., Agcam S., ÖZYILMAZ A. T.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXV. **The use of cyclic enones as organic molecules to construct of amperometric glucose biosensors**  
Ozyilmaz G., Aydin A. E., BUCAK S., Agcam S., ÖZYILMAZ A. T.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXVI. **Electrocatalytic conducting polymer films on Zn deposited carbon steel electrode**  
ÖZYILMAZ A. T., Ozyilmaz G., Karahan İ. H.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXVII. **The Polyaniline Films on ZnNi Plated Copper Electrode**  
ÇOLAK N., ÖZYILMAZ A. T., Filazi İ.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXVIII. **Carbon Paste Electrode based sucrose biosensor**  
Yagız E., Ozyilmaz G., ÖZYILMAZ A. T.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXIX. **Polyaniline coating on modified carbon paste electrode to construct amperometric glucose biosensor**  
Aydin A. E., Ozyilmaz G., BUCAK S., ÇOLAK N., ÖZYILMAZ A. T.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXX. **Improvement of glucose biosensor by catalytic efficiency of ZnFe<sub>2</sub>O<sub>4</sub> nanoparticles**  
ÖZYILMAZ A. T., Bayram E. İ., Ozyilmaz G.  
NCC6-The Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- LXXI. **RESPONSE SURFACE METHODOLOGY FOR OPTIMIZATION OF CONSTRUCTION OF AMPEROMETRIC BIOSENSOR**  
ÖZYILMAZ G., AĞÇAM S., ÖZYILMAZ A. T.  
NCC6-CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016

## Supported Projects

ÖZYILMAZ A. T., TUBITAK Project, Polipirol Polimetilpirol Ve Bunların Kopolimerlerinin Sentezi Ve Korozyon Davranışlarının Belirlenmesi, Continues

ÖZYILMAZ A. T., TUBITAK Project, Farklı desteklere ko immobilize edilmiş glukoz oksidaz katalaz enzim sisteminin glukonik asit ve glukonat üretiminde kullanımı, Continues

ÖZYILMAZ A. T., TUBITAK Project, Sanayi çeliklerinin Yüksek Korozyon Dirençli Metalik İnce Filmler ve Polimerlerle hem anodik hem katodik olarak korunması, Continues

ÖZYILMAZ A. T., TUBITAK Project, Demirli malzeme yüzeylerinde kopolimer ve terpolimer filmlerin sentezi ve korozyon performanslarının incelenmesi, Continues

ÖZYILMAZ A. T., GOD enzim elektrotların farklı iletken polimerlerle hazırlanması ve bu elektrotların karakterizasyonu, Continues

ÖZYILMAZ A. T., TÜBİTAK Project, Polyanilin Türevlerinin Elektrokimyasal Olarak Sentezi ve Kaplanmış Elektrotların Korozyon Performanslarının İncelenmesi, Continues

ÖZYILMAZ A. T., TÜBİTAK Project, Farklı elementel içeriğe sahip demir elektrotların yüzeyinde homo ve kopolimerlerin elektrokimyasal olarak oluşturulması ve bu kaplanmış elektrotların korozyon performanslarının belirlenmesi, Continues

ÖZYILMAZ A. T., Polianilin poli N metilanilin ve kopolimerlerinin paslanmaz çelik yüzeyine sentezi, Continues

ÖZYILMAZ A. T., ÖZYILMAZ G., ZnNi ve ZnNiMo Kaplanmış Bakır Yüzeylerine Sentezlenen Çeşitli İletken Homopolimer Filmlerin Korozyon Performanslarının İncelenmesi, 2018 - 2019

ÖZYILMAZ A. T., ULUCA H., ÖZYILMAZ G., Project Supported by Higher Education Institutions, Dogal ve ticari örneklerde glikoz tayinine yönelik polirodanin esaslı amperometrik sensör tasarımı, 2017 - 2017

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Çinko Çinko demir ve Çinko demir kobalt kaplanmış karbon çeliğin korozyon direncinin iki farklı ortamda sentezlenen Poli o anisidin co pirol co N metilpirol ve Poli anilin co pirol co N metilpirol terpolimer filmler ile geliştirilmesi, 2014 - 2016

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Karbon çeliğinin Çinko Demir ZnFe alaşım kaplama yüzeyinde üst katman olarak kopolimer filmlerin sentezi, 2014 - 2016

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Çinko kaplanmış sanayi çeliğinin korozyon performansını arttırmak için uygulamalar, 2011 - 2016

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Çinko Çinko Demir ve Çinko Demir Kobalt ile Kaplanmış Karbon Çelik yüzeyine poli anilin co o anisidin co pirol ve poli anilin co o anisidin co N metilpirol Terpolimerlerin İki Farklı Ortamda Sentezi ve Korozyon Performansları, 2014 - 2015

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Nanopartikülle Modifiye Edilmiş Polianilin Türevli Enzim Elektrotlarının Optimizasyonu ve Karakterizasyonu, 2013 - 2015

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Çinko Kaplanmış Karbon Çeliğinin Korozyon Direncinin İki Farklı Ortamda Sentezlenen Polipirol ve Poli N metilpirol ile Geliştirilmesi, 2012 - 2015

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Alaşım Kaplı Karbon Çelik Yüzeyindeki Homopolimer Kopolimer ve Terpolimer Filmlerin Davranışları, 2012 - 2014

KARAHAN İ. H., AKDAĞ A., ÖZYILMAZ G., ÇAMURCU T., ÖZYILMAZ A. T., Sanayi Çeliklerinin Yüksek Korozyon Dirençli Metalik İnce Filmler ve Polimerlerle hem Anodik hem Katodik olarak korunması, 2011 - 2014

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Elektrokimyasal olarak oluşturulacak polianilin PANI kaplamanın demirli malzemelerin korozyon davranışları üzerine etkisinin incelenmesi, 2002 - 2004

ÖZYILMAZ A. T., Project Supported by Higher Education Institutions, Demirin elektrokimyasal olarak polianilinle kaplanması, 1998 - 1999

## Metrics

Publication: 93

Citation (Scopus): 90

H-Index (Scopus): 5

## Non Academic Experience

STFA Civata A.Ş